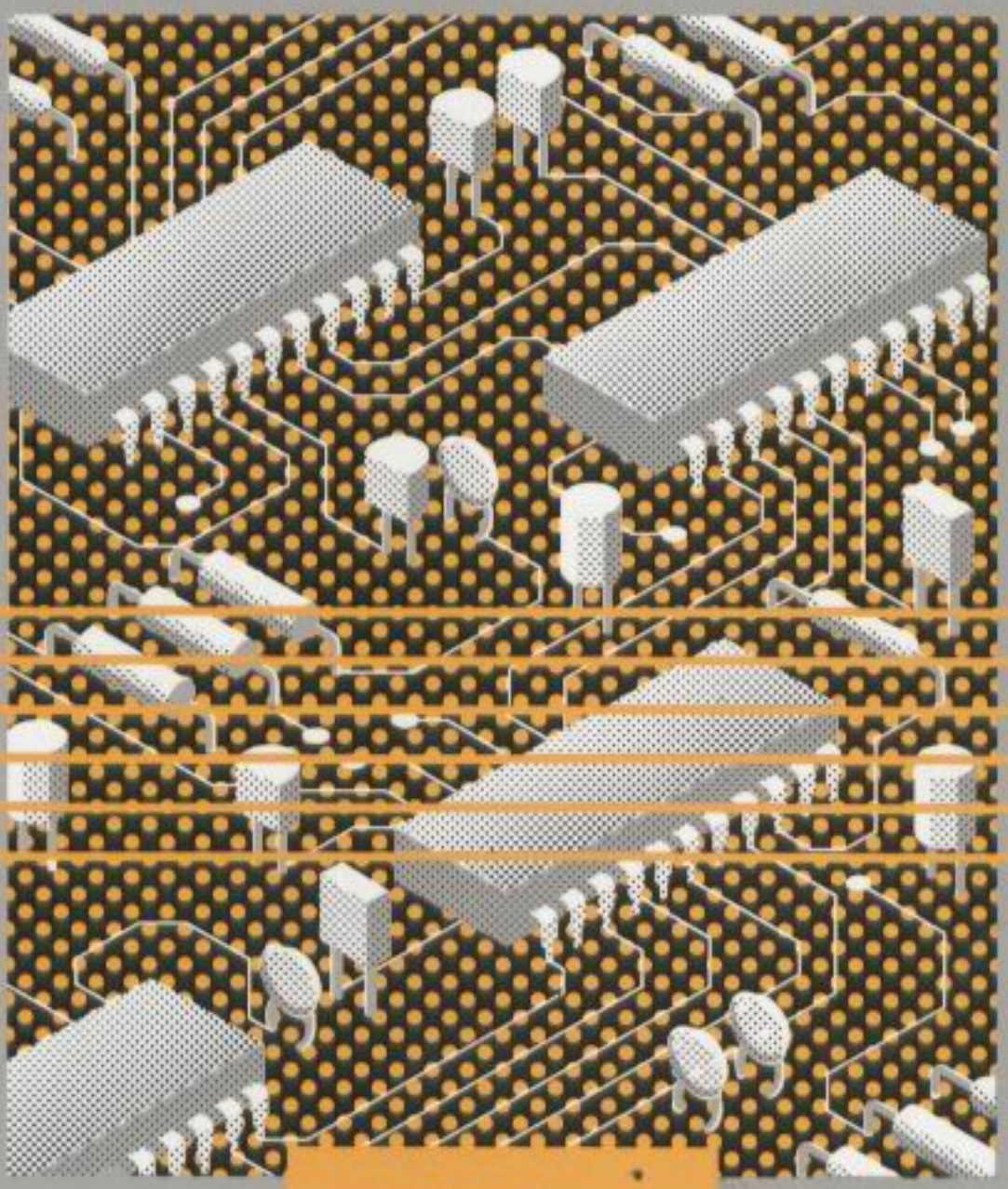
TOYOTA

PREVIA / TARAGO

ELECTRICAL WIRING DIAGRAM

ACR 30 Series Mar., 2000~



Pub. No. EWD411F

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the PREVIA / TARAGO.

Applicable models: ACR30 Series

For service specifications and repair procedures of the above models other than those listed in this manual, refer to the following manuals;

Manual Name	Pub. No.
• PREVIA / TARAGO Chassis and Body Repair Manual	RM765E
• 2AZ-FE Engine Repair Manual	RM768E
• PREVIA / TARAGO New Car Features	NCF181E

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

TOYOTA MOTOR CORPORATION

NOTICE

When handling supplemental restraint system components (removal, installation or inspection, etc.), always follow the direction given in the repair manuals listed above to prevent accidents and supplemental restraint system malfunction.

AVANT-PROPOS

Ce manuel de schéma de câblage a été préparé pour fournir des informations concernant le système électrique de la PREVIA / TARAGO.

Modèles concernés: Séries ACR30

Pour les procédures de réparation et les spécifications de service du modèle ci-dessus autres que celles mentionnées dans ce manuel, se référer aux manuels suivants:

Désignation du manuel	*N° de pub.*
• *Manuel de réparation de châssis et de carrosserie de PREVIA / TARAGO*	*RM765K*
• *Manuel de réparation de moteur 2AZ-FE*	*RM768K*
• *Caractéristiques de nouveau modèle PREVIA / TARAGO*	*NCF181K*

Toutes les informations contenues dans ce manuel sont les plus récentes au moment de la mise sous presse. Cependant, les caractéristiques et les méthodes de travail sont susceptibles de subir des modifications sans avis préalable.

TOYOTA MOTOR CORPORATION

REMARQUE

Veuillez vous conformer scrupuleusement aux instructions formulées dans les manuels de réparation qui sont mentionnés ci-dessus lors de la maniqulation des organes constitutifs du système de retenue complémentaire (au cours des travaux de dépose, repose ou de vérification, etc.) afin d'éviter tout risque d'accident, mais aussi de façon à ne pas enrayer le fonctionnement normal du système de retenue complémentaire.

PROLOGO

Estos manual de diagramas del cableado han sido preparados con la finalidad de ofrecer informaciones acerca del sistema eléctrico de los vehiculos PREVIA / TARAGO.

Modelos a los que corresponde: Series ACR30

Para los detalles relacionados con las especificaciones de servicio y los procedimientos de reparación del vehiculo arriba mencionado que no aparezcan en este manual, vea las siguientes publicaciones:

Nombre del manual	*N.° de pub.*
• *Manual de reparaciones para el chasis y la carrocería del PREVIA / TARAGO*	*RM765E*
• *Manual de reparaciones del motor 2AZ-FE*	*RM768E*
• *Características del nuevo vehículo del PREVIA / TARAGO*	*NCF181E*

Todas las informaciones contenidas en este manual corresponden a las informaciones del producto a la fecha de publicación.
Sin embargo, tanto las especificaciones como los procedimientos quedan sujetos a posibles cambios sin previo aviso.

TOYOTA MOTOR CORPORATION

AVISO
Cuando manipule los componentes del sistema de limitación suplementario (extracción, instalación, o inspección, etc.), siga siempre las directrices dadas en los manuales de reperaciones arriba enumerados para evitar accidentes y mal funcionamiento del sistema de limitación suplementario.

VORWORT

In dieser Verdrahtungsanleitung wird das elektrische System des PREVIA / TARAGO erklärt.

Modelle: Series ACR30

Für Wartungsdaten und Reparaturanleitungen der obenstehenden Modelle, die nicht in dieser Anleitung aufgeführt sind, wird auf die folgenden Anleitungen verwiesen.

Anleitung	Pub. Nr.
• PREVIA / TARAGO Werkstatthandbuch für Fahrwerk und Karosserie	RM765M
• 2AZ–FE Motor Werkstatthandbuch	RM768M
• PREVIA / TARAGO Merkmale neuer Fahrzeuge	NCF181M

Alle Informationen dieser Anleitung befinden sich auf dem neuesten Stand zur Zeit der Drucklegung. Wir behalten uns jedoch das Recht vor, Änderungen ohne Vorankündigungen durchführen zu können.

TOYOTA MOTOR CORPORATION

HINWEIS

Für Arbeiten am Insassen–Rückhaltesystem (Aus– und Einbau, Prüfung usw.) müssen unbedingt die Anweisungen in der Reparaturanleitung befolgt werden, um Unfälle zu vermeiden und die richtige Funktion des Rückhaltesystems zu gewährleisten.

PREVIA / TARAGO
ELECTRICAL WIRING DIAGRAM

(English)	Section No.	Page
INTRODUCTION	A	4
HOW TO USE THIS MANUAL	B	5
TROUBLESHOOTING	C	14
ABBREVIATIONS	D	19
GLOSSARY OF TERMS AND SYMBOLS	E	20
RELAY LOCATIONS	F	76
ELECTRICAL WIRING ROUTING	G	94
SYSTEM CIRCUITS	H	122
GROUND POINT	I	368
POWER SOURCE (Current Flow Chart)	J	380
CONNECTOR LIST	K	388
PART NUMBER OF CONNECTORS	M	416
OVERALL ELECTRICAL WIRING DIAGRAM	N	420

English

Français

SCHEMA DE CABLAGE ELECTRIQUE DE LA PREVIA / TARAGO

(Français)	*N° de section*	*Page*
INTRODUCTION	*A*	*22*
COMMENT UTILISER CE MANUEL	*B*	*23*
DEPANNAGE	*C*	*32*
ABREVIATIONS	*D*	*37*
GLOSSAIRE DES TERMES ET SYMBOLES	*E*	*38*
EMPLACEMENTS DES RELAIS	*F*	*76*
ACHEMINEMENT DES FILS ELECTRIQUES	*G*	*94*
CIRCUITS DU SYSTEME	*H*	*124*
POINT DE MISE A LA TERRE	*I*	*368*
SOURCE D'ALIMENTATION (Schéma du Courant)	*J*	*380*
LISTE DE CONNECTEUR	*K*	*388*
INFORMATIONS SUR LE CONNECTEUR	*L*	*398*
REFERENCE DES CONNECTEURS	*M*	*416*
SCHEMA GENERAL DE CABLAGE ELECTRIQUE	*N*	*422*

©2001 TOYOTA MOTOR CORPORATION
All rights reserved. This book may not be reproduced or copied, in whole or in part, without the written permission of Toyota Motor Corporation.

©2001 TOYOTA MOTOR CORPORATION
Tous droits réservés. Cette publication ne peut être reproduite, copiée, en totalité ou en partie, sans l'autorisation écrite de Toyota Motor Corporation.

PREVIA / TARAGO
DIAGRAMA DEL CABLEADO ELECTRICO

(Español)	*Sección N.°*	*Página*
INTRODUCCION	*A*	*40*
COMO UTILIZAR ESTE MANUAL	*B*	*41*
LOCALIZACION DE AVERIAS	*C*	*50*
ABREVIATURAS	*D*	*55*
GLOSARIO DE TERMINOS Y SIMBOLOS	*E*	*56*
UBICACION DE LOS RELES	*F*	*76*
RECORRIDO DE LOS CABLES ELECTRICOS	*G*	*94*
CIRCUITOS DE SISTEMAS	*H*	*126*
PUNTO DE CONEXION A MASA	*I*	*368*
FUENTE DE ALIMENTACION (Cuadro de flujo de corriente)	*J*	*380*
LISTA DE CONECTORES	*K*	*388*
INFORMACION DE CONECTORES	*L*	*404*
NUMERO DE LAS PARTES DE CONECTORES	*M*	*416*
DIAGRAMA DE CONEXIONES ELECTRICAS GENERAL	*N*	*424*

PREVIA / TARAGO
ELEKTRISCHE SCHALTPLÄNE

(Deutsch)	Abschnitt	Seite
EINFÜHRUNG	A	58
ANWENDUNGSHINWEISE	B	59
FEHLERSUCHE	C	68
ABKÜRZUNGEN	D	73
BEZEICHNUNGEN UND SYMBOLE	E	74
RELAISPOSITIONEN	F	76
VERKABELUNG	G	94
SYSTEMSCHALTKREISE	H	128
MASSENPUNKT	I	368
STROMQUELLE (Stromflußschema)	J	380
STECKERLISTE	K	388
STECKERINFORMATION	L	410
TEILE-NUMMER DER STECKER	M	416
GESAMTVERKABELUNGSPLAN	N	426

©2001 TOYOTA MOTOR CORPORATION
Reservados todos los derechos. Prohibida la reproduccion o copia, total o parcial, de este libro, sin autorización.

©2001 TOYOTA MOTOR CORPORATION
Alle Rechte vorbehalten. Nachdruck und Vervielfältigung, auch auszugsweise ist nur mit vorheriger schriftlicher Zustimmung von Toyota Motor Corporation gestattet.

A INTRODUCTION

This manual consists of the following 14 sections:

No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	TROUBLE-SHOOTING	Describes the basic inspection procedures for electrical circuits.
D	ABBREVIATIONS	Defines the abbreviations used in this manual.
E	GLOSSARY OF TERMS AND SYMBOLS	Defines the symbols and functions of major parts.
F	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the system circuit.
G	ELECTRICAL WIRING ROUTING	Describes position of Parts Connectors, Splice points, Ground points, etc. This section is closely related to the system circuit.
H	INDEX	Index of the system circuits.
	SYSTEM CIRCUITS	Electrical circuits of each system are shown from the power supply through ground points. Wiring connections and their positions are shown and classified by code according to the connection method. (Refer to the section, "How to use this manual"). The "System Outline" and "Service Hints" useful for troubleshooting are also contained in this section.
I	GROUND POINT	Shows ground positions of all parts described in this manual.
J	POWER SOURCE (Current Flow Chart)	Describes power distribution from the power supply to various electrical loads.
K	CONNECTOR LIST	Describes the form of the connectors for the parts appeared in this book. This section is closely related to the system circuit.
L	CONNECTOR INFORMATION	Indicates the reference page (See Page) showing the part name corresponding to the part number, and the installation position of the part in the vehicle. (For French, Spanish, German manuals only)
M	PART NUMBER OF CONNECTORS	Indicates the part number of the connectors used in this manual.
N	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections.

English

This manual provides information on the electrical circuits installed on vehicles by dividing them into a circuit for each system.

The actual wiring of each system circuit is shown from the point where the power source is received from the battery as far as each ground point. (All circuit diagrams are shown with the switches in the OFF position.)

When troubleshooting any problem, first understand the operation of the circuit where the problem was detected (see System Circuit section), the power source supplying power to that circuit (see Power Source section), and the ground points (see Ground Point section). See the System Outline to understand the circuit operation.

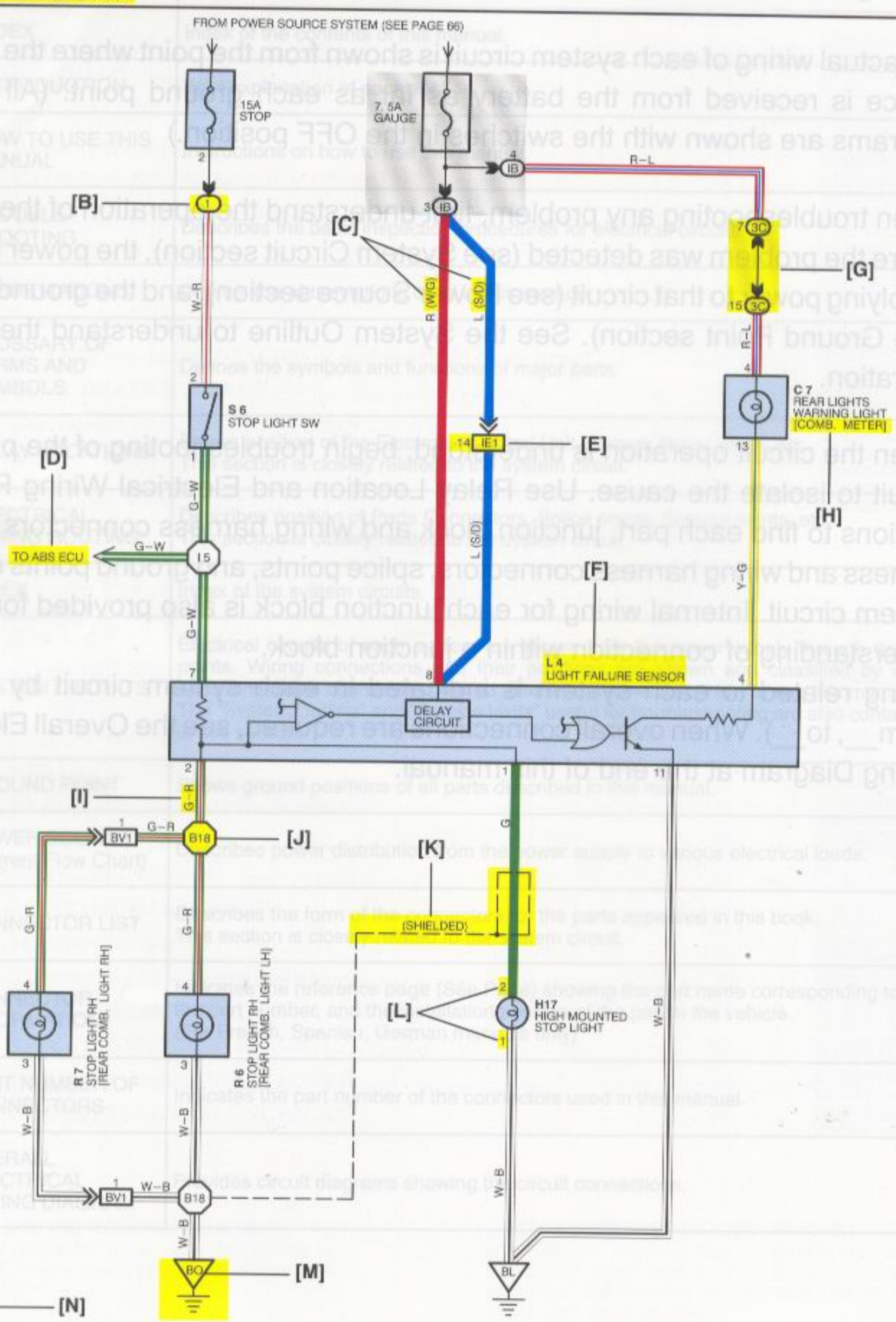
When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wiring Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors, splice points, and ground points of each system circuit. Internal wiring for each junction block is also provided for better understanding of connection within a junction block.

Wiring related to each system is indicated in each system circuit by arrows (from__, to__). When overall connections are required, see the Overall Electrical Wiring Diagram at the end of this manual.

[A]

STOP LIGHT

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.



[A] : System Title

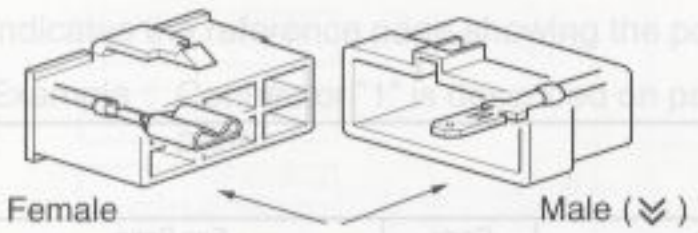
[B] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B

Example: (1) Indicates Relay Block No.1

[C] : ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[D] : Indicates related system.

[E] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (»).
Outside numerals are pin numbers.



The first letter of the code for each wiring harness and wiring harness connector(s) indicates the component's location, e.g, "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

When more than one code has the first and second letters in common, followed by numbers (e.g, IH1, IH2), this indicates the same type of wiring harness and wiring harness connector.

[F] : Represents a part (all parts are shown in sky blue). The code is the same as the code used in parts position.

[G] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



3C indicates that it is inside Junction Block No.3

[H] : When 2 parts both use one connector in common, the parts connector name used in the wire routing section is shown in square brackets [ ].

[I] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B	= Black	W	= White	BR	= Brown
L	= Blue	V	= Violet	SB	= Sky Blue
R	= Red	G	= Green	LG	= Light Green
P	= Pink	Y	= Yellow	GR	= Gray
O	= Orange				

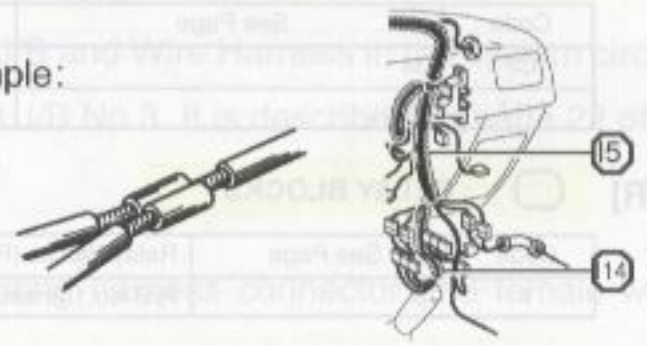
The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Example: L – Y



[J] : Indicates a wiring Splice Point (Codes are "E" for the Engine Room, "I" for the Instrument Panel, and "B" for the Body).

Example:



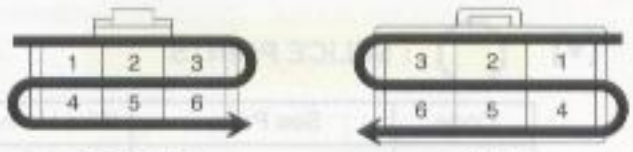
The Location of splice Point I 5 is indicated by the shaded section.

[K] : Indicates a shielded cable.



[L] : Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right — Numbered in order from upper right to lower left



Female — Male

[M] : Indicates a ground point.

The first letter of the code for each ground point(s) indicates the component's location, e.g, "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

[N] : Page No.

[O] **SYSTEM OUTLINE**

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop light SW.
When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

STOP LIGHT DISCONNECTION WARNING

When the ignition SW is turned on and the brake pedal is pressed (Stop light SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.
As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P] **SERVICE HINTS**

S6 STOP LIGHT SW

2–1 : Closed with the brake pedal depressed

L4 LIGHT FAILURE SENSOR

1, 2, 7–GROUND : Approx. **12** volts with the stop light SW on
4, 8–GROUND : Approx. **12** volts with the ignition SW at **ON** position
11–GROUND : Always continuity

[Q] ○ : **PARTS LOCATION**

Code	See Page	Code	See Page	Code	See Page
C7	34	L4	36	R7	37
H17	36	R6	37	S6	35

[R] ▭ : **RELAY BLOCKS**

Code	See Page	Relay Blocks (Relay Block Location)
1	18	R/B No.1 (Instrument Panel Left)

[S] ▭ : **JUNCTION BLOCK AND WIRE HARNESS CONNECTOR**

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3C	22	Instrument Panel Wire and J/B No.3 (Instrument Panel Left Side)

[T] □ : **CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	42	Floor Wire and Instrument Panel Wire (Left Kick Panel)
BV1	50	Luggage Room Wire and Floor Wire (Luggage Compartment Left)

[U] ▽ : **GROUND POINTS**

Code	See Page	Ground Points Location
BL	50	Under the Left Quarter Pillar
BO	50	Back Panel Center

[V] ⬡ : **SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	44	Cowl Wire	B18	50	Luggage Room Wire

[O] : Explains the system outline.

[P] : Indicates values or explains the function for reference during troubleshooting.

[Q] : Indicates the reference page showing the position on the vehicle of the parts in the system circuit.

Example : Part "L4" (Light Failure Sensor) is on page 36 of the manual.

* The letter in the code is from the first letter of the part, and the number indicates its order in parts starting with that letter.

Example : L 4
- Parts is 4th in order
- Light Failure Sensor

[R] : Indicates the reference page showing the position on the vehicle of Relay Block Connectors in the system circuit.

Example : Connector "1" is described on page 18 of this manual and is installed on the left side of the instrument panel.

[S] : Indicates the reference page showing the position on the vehicle of J/B and Wire Harness in the system circuit.

Example : Connector "3C" connects the Instrument Panel Wire and J/B No.3. It is described on page 22 of this manual, and is installed on the instrument panel left side.

[T] : Indicates the reference page describing the wiring harness and wiring harness connector (the female wiring harness is shown first, followed by the male wiring harness).

Example : Connector "IE1" connects the floor wire (female) and Instrument panel wire (male). It is described on page 42 of this manual, and is installed on the left side kick panel.

[U] : Indicates the reference page showing the position of the ground points on the vehicle.

Example : Ground point "BO" is described on page 50 of this manual and is installed on the back panel center.

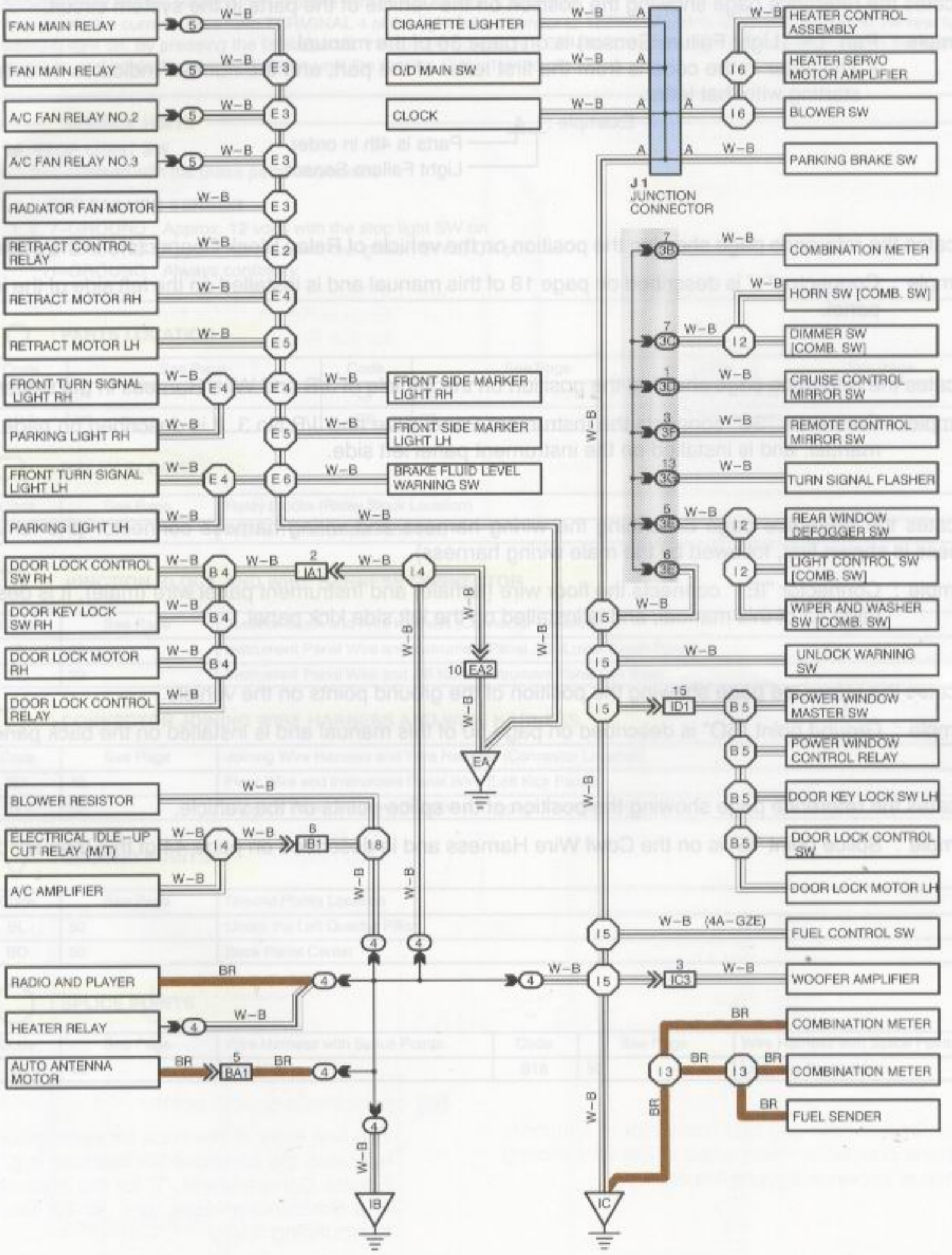
[V] : Indicates the reference page showing the position of the splice points on the vehicle.

Example : Splice point "I5" is on the Cowl Wire Harness and is described on page 44 of this manual.

B HOW TO USE THIS MANUAL

The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points (EA , IB and IC shown below) can also be checked this way.

I GROUND POINT

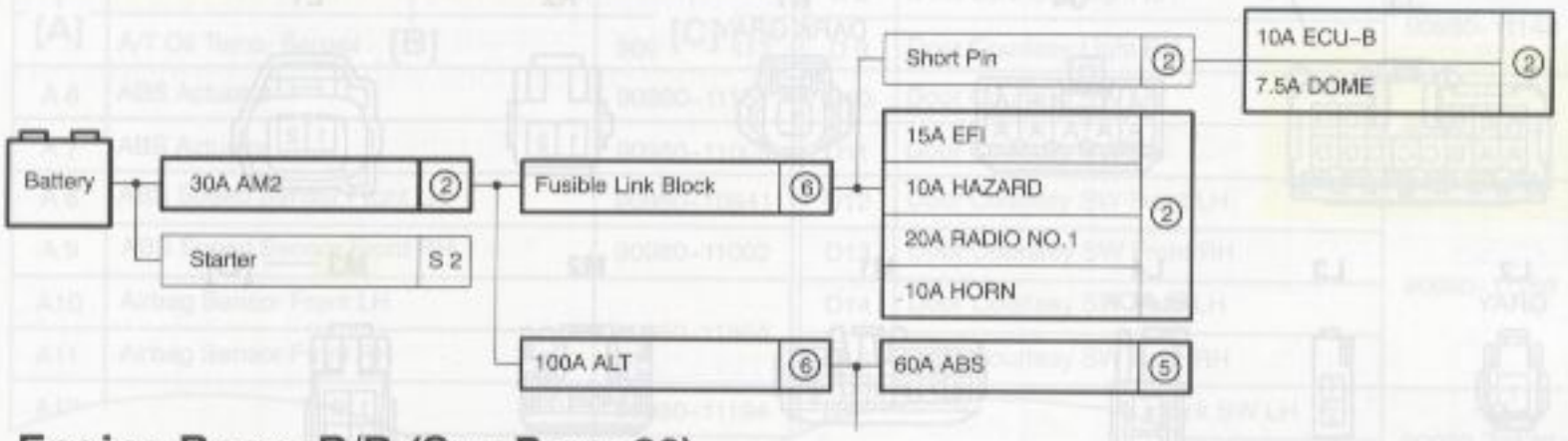


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

The "Current Flow Chart" section, describes which parts each power source (fuses, fusible links, and circuit breakers) transmits current to. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all System Circuit diagrams start from the power source, the power source system must be fully understood.

J POWER SOURCE (Current Flow Chart)

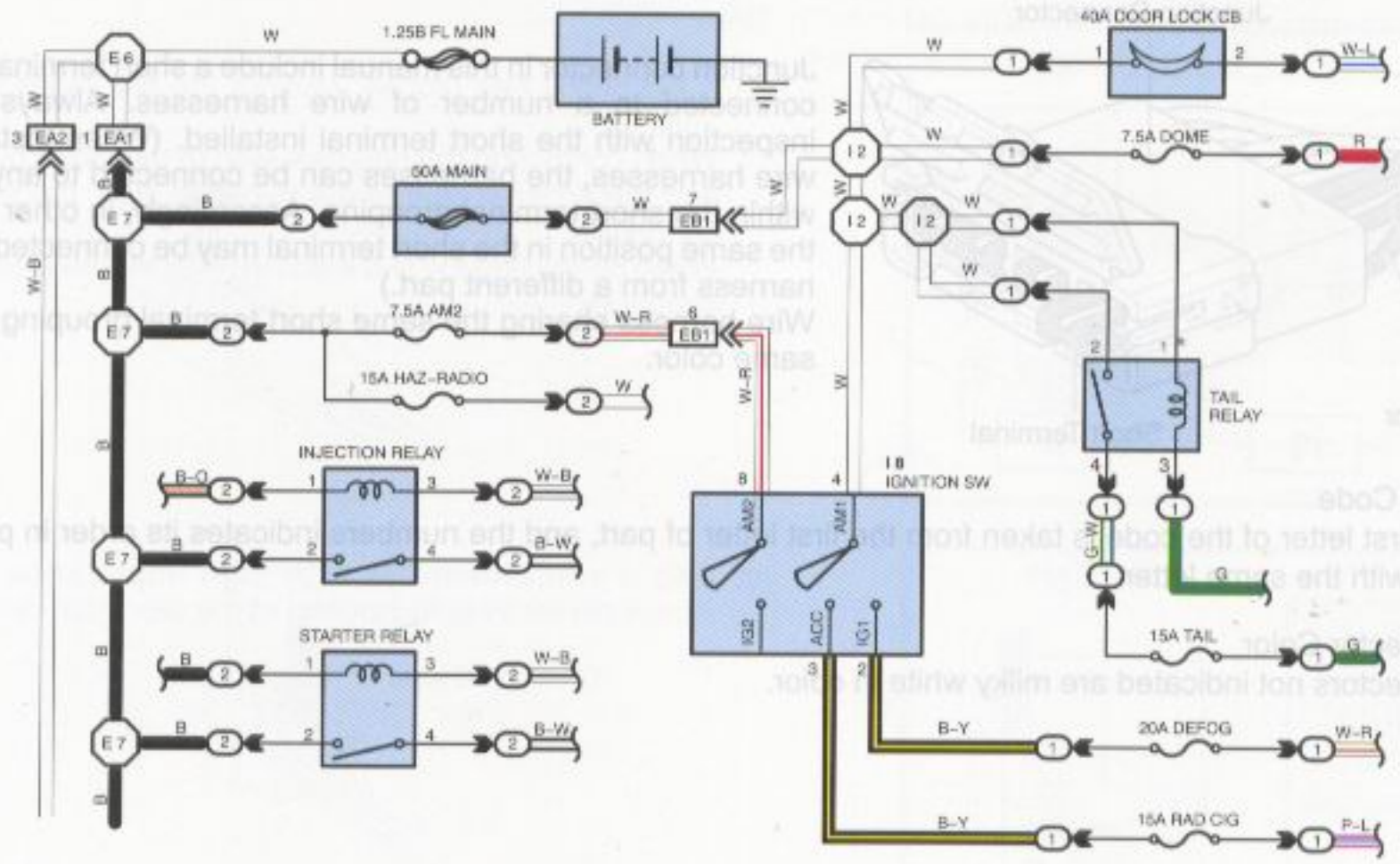
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.



Engine Room R/B (See Page 20)

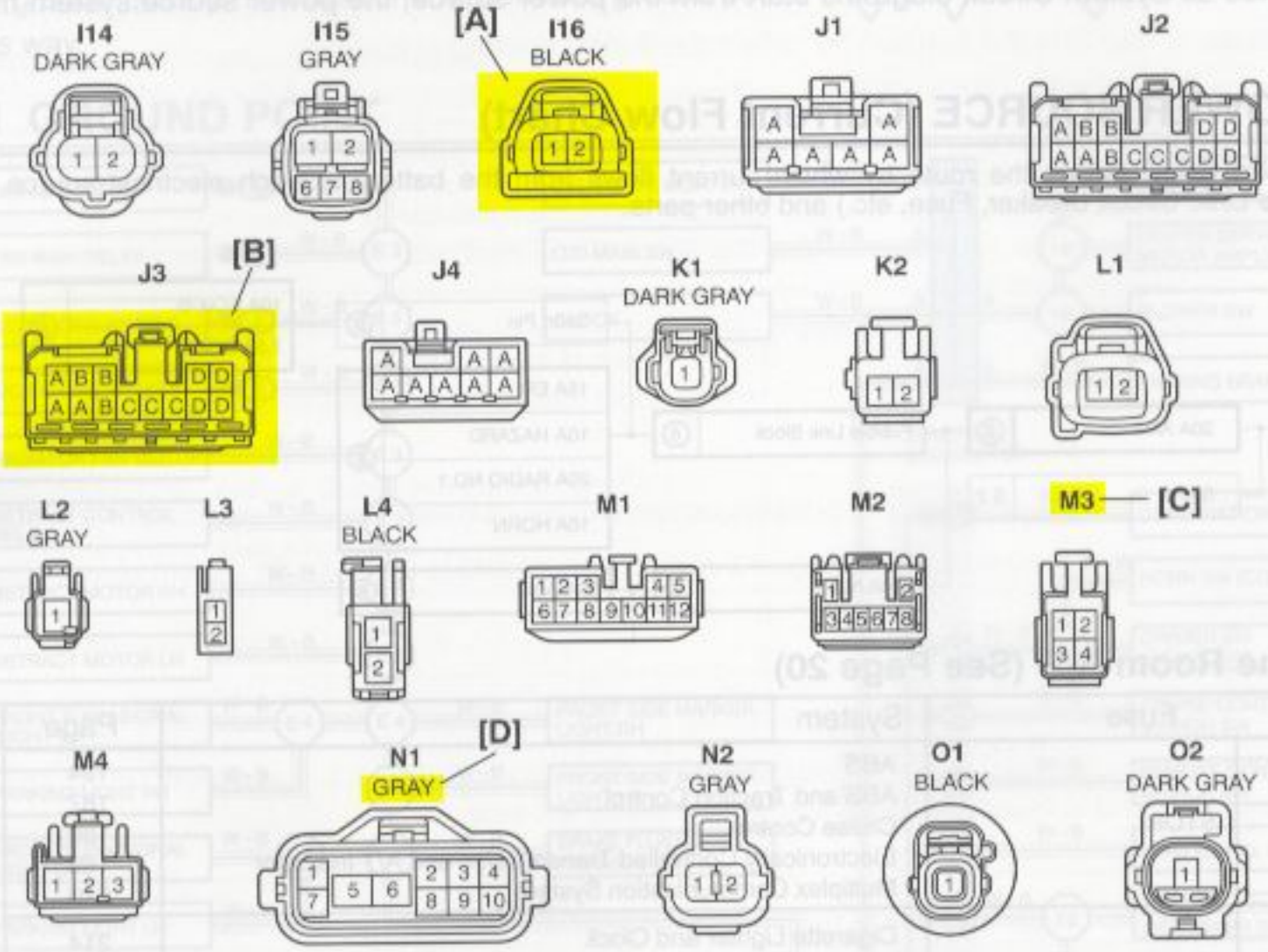
Fuse		System	Page
20A	STOP	ABS	194
		ABS and Traction Control	187
		Cruise Control	180
		Electronically Controlled Transmission and A/T Indicator	166
		Multiplex Communication System	210
10A	DOME	Cigarette Lighter and Clock	214
		Combination Meter	230
		Headlight	112
		Interior Light	122
		Key Reminder and Seat Belt Warning	
		Light Auto Turn Off	
		[illegible] Deterrent and Door [illegible]	

POWER SOURCE



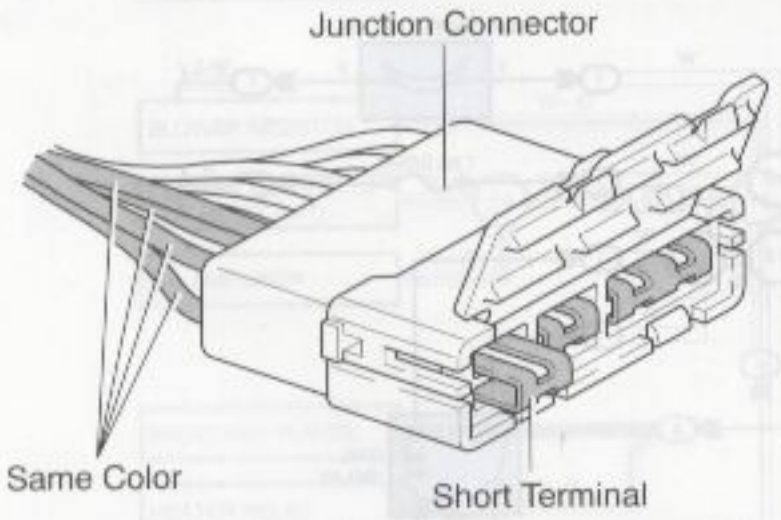
* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

K CONNECTOR LIST



[A] : Indicates connector to be connected to a part. (The numeral indicates the pin No.)

[B] : Junction Connector
Indicates a connector which is connected to a short terminal.



Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)
Wire harness sharing the same short terminal grouping have the same color.

[C] : Parts Code
The first letter of the code is taken from the first letter of part, and the numbers indicates its order in parts which start with the same letter.

[D] : Connector Color
Connectors not indicated are milky white in color.

M PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980-11070
A 2	A/C Condenser Fan Motor	90980-11237
A 3	A/C Condenser Fan Relay	90980-10940
A 4	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	90980-10943
[A]	A/T Oil Temp. Sensor [B]	909 [C] 413
A 6	ABS Actuator	90980-11151
A 7	ABS Actuator	90980-11009
A 8	ABS Speed Sensor Front LH	90980-10941
A 9	ABS Speed Sensor Front RH	90980-11002
A10	Airbag Sensor Front LH	90980-11856
A11	Airbag Sensor Front RH	
A12		90980-11194
		90980-

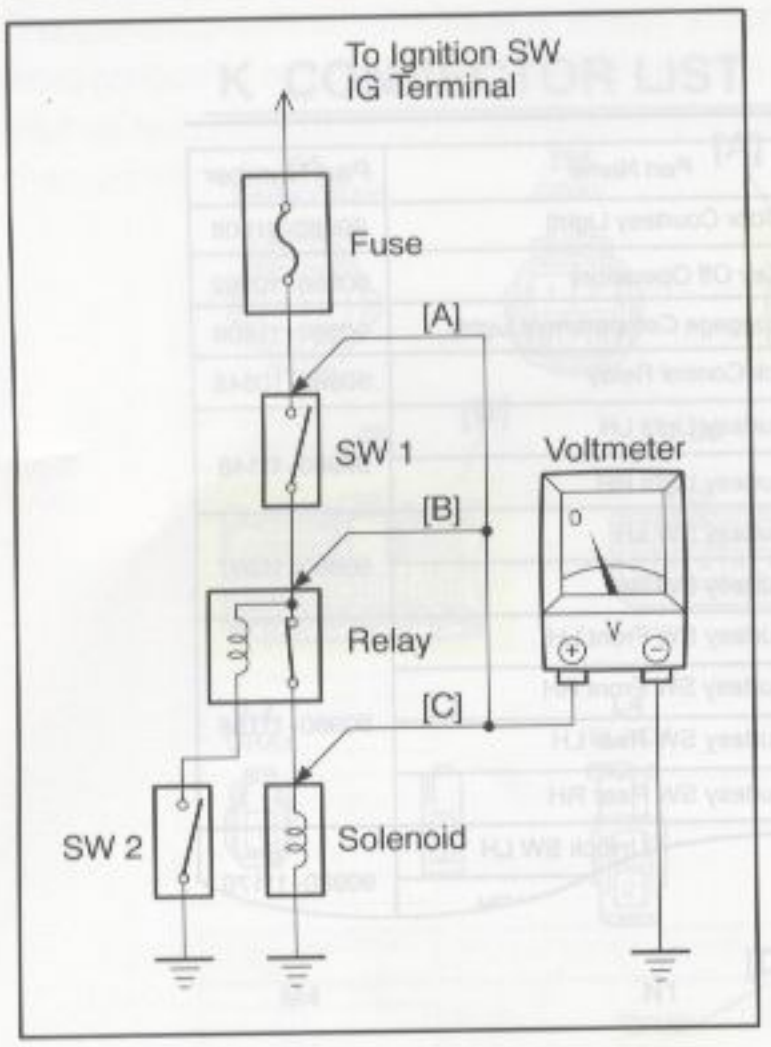
Code	Part Name	Part Number
D 4	Diode (Door Courtesy Light)	90980-11608
D 5	Diode (Key Off Operation)	90980-10962
D 6	Diode (Luggage Compartment Light)	90980-11608
D 7	Door Lock Control Relay	90980-10848
D 8	Door Courtesy Light LH	90980-11148
D 9	Door Courtesy Light RH	
D10	Door Courtesy SW LH	90980-11097
D11	Door Courtesy SW RH	
D12	Door Courtesy SW Front LH	90980-11156
D13	Door Courtesy SW Front RH	
D14	Door Courtesy SW Rear LH	
D15	Door Courtesy SW Rear RH	
D16	Unlock SW LH	90980-11170
	RH	

[A] : Part Code

[B] : Part Name

[C] : Part Number
Toyota Part Number are indicated.

Not all of the above part numbers of the connector are established for the supply. In case of ordering a connector or terminal with wire, please confirm in advance if there is supply for it using "Parts Catalog News" (published by Parts Engineering Administration Dept.).



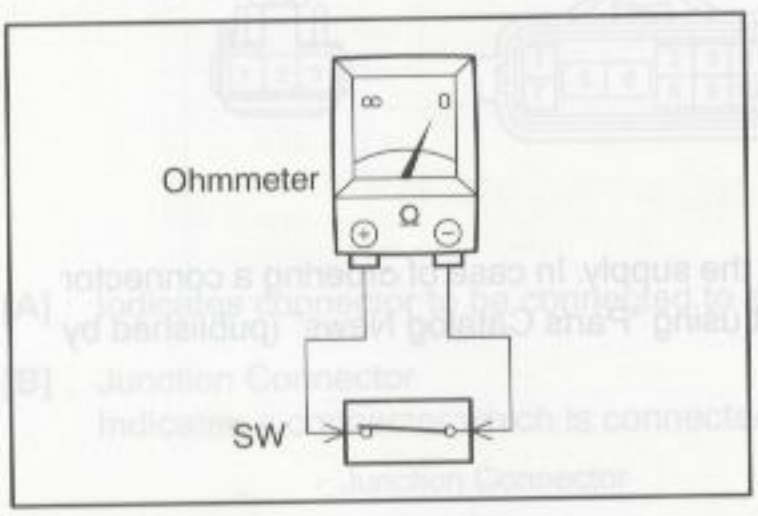
VOLTAGE CHECK

(a) Establish conditions in which voltage is present at the check point.

Example:

[A] – Ignition SW on
[B] – Ignition SW and SW 1 on
[C] – Ignition SW, SW 1 and Relay on (SW 2 off)

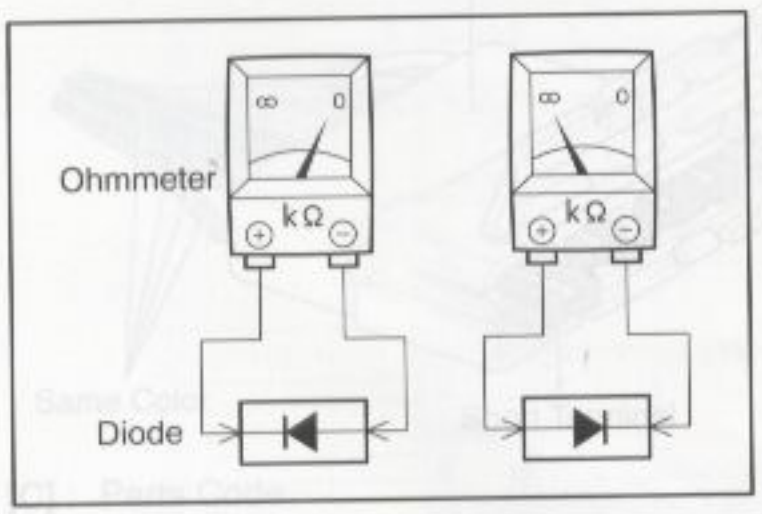
(b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal.
This check can be done with a test light instead of a voltmeter.



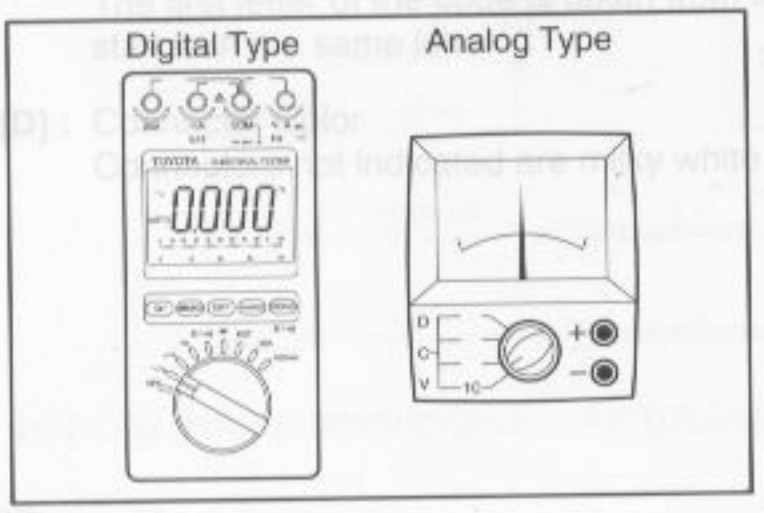
CONTINUITY AND RESISTANCE CHECK

(a) Disconnect the battery terminal or wire so there is no voltage between the check points.

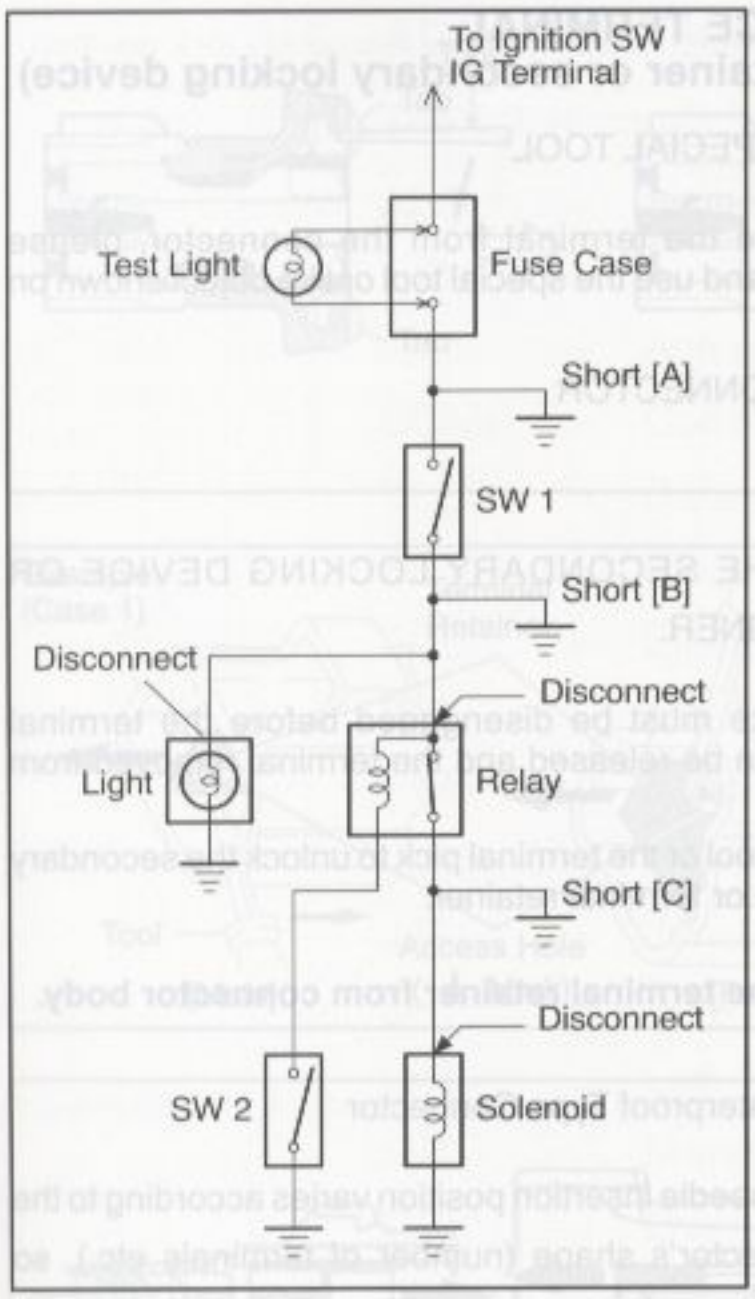
(b) Contact the two leads of an ohmmeter to each of the check points.



If the circuit has diodes, reverse the two leads and check again.
When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.
When contacting the two leads in reverse, there should be no continuity.



(c) Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting of the electrical circuit.



FINDING A SHORT CIRCUIT

(a) Remove the blown fuse and disconnect all loads of the fuse.

(b) Connect a test light in place of the fuse.

(c) Establish conditions in which the test light comes on.

Example:

[A] – Ignition SW on
[B] – Ignition SW and SW 1 on
[C] – Ignition SW, SW 1 and Relay on (Connect the Relay) and SW 2 off (or Disconnect SW 2)

(d) Disconnect and reconnect the connectors while watching the test light.
The short lies between the connector where the test light stays lit and the connector where the light goes out.

(e) Find the exact location of the short by lightly shaking the problem wire along the body.

CAUTION:

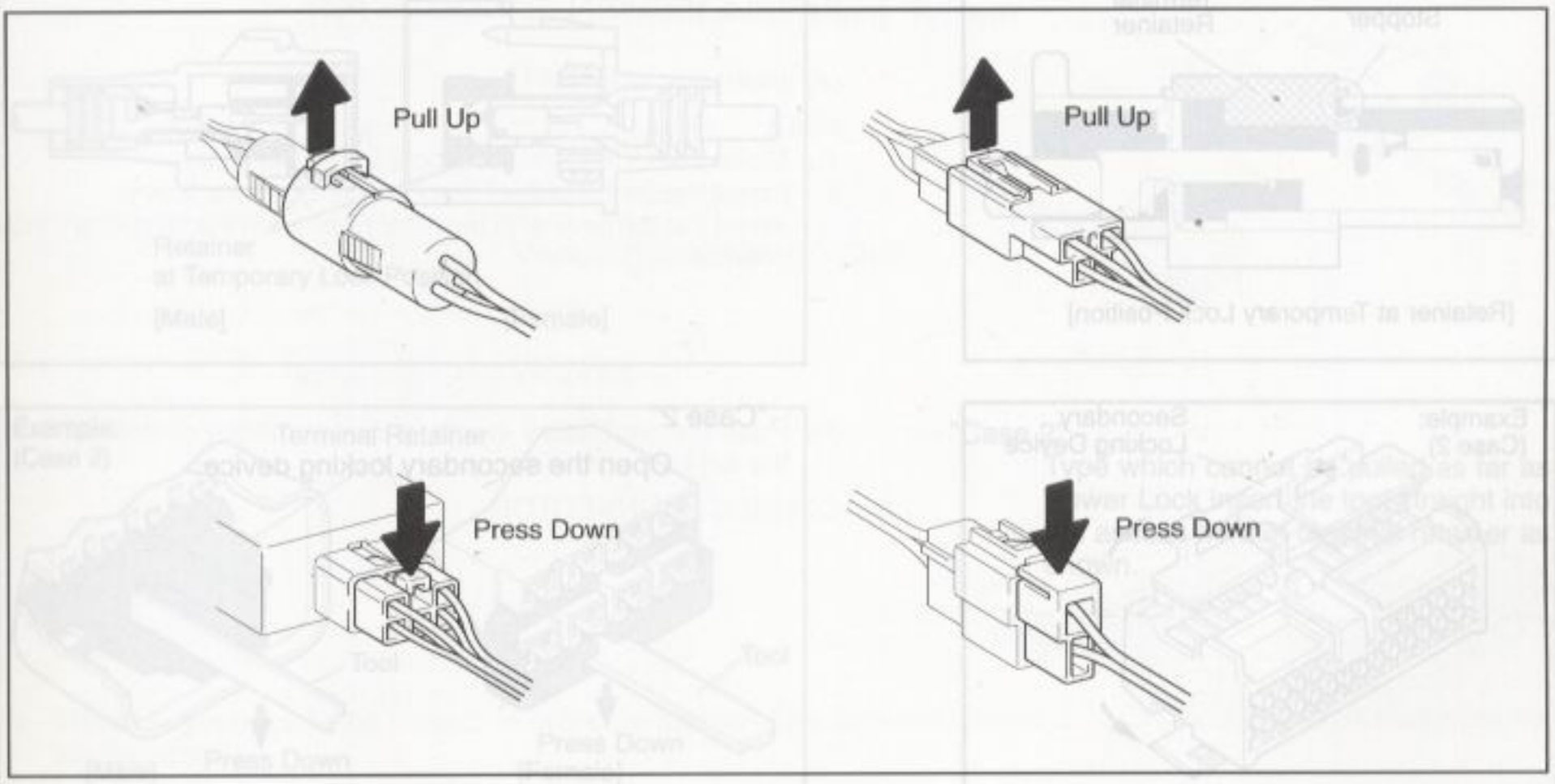
(a) Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)

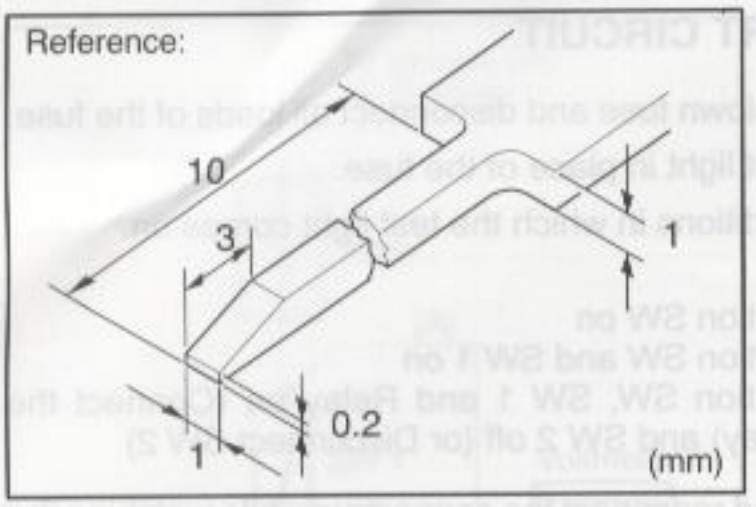
(b) When replacing the internal mechanism (ECU part) of the digital meter, be careful that no part of your body or clothing comes in contact with the terminals of leads from the IC, etc. of the replacement part (spare part).

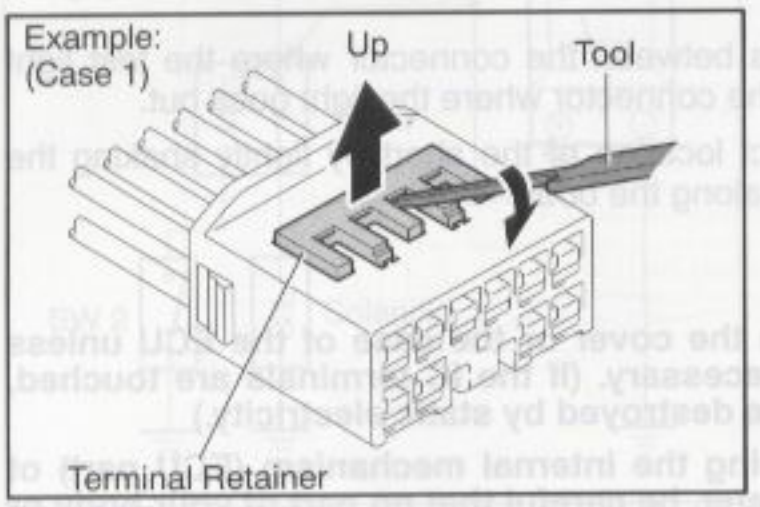
DISCONNECTION OF MALE AND FEMALE CONNECTORS

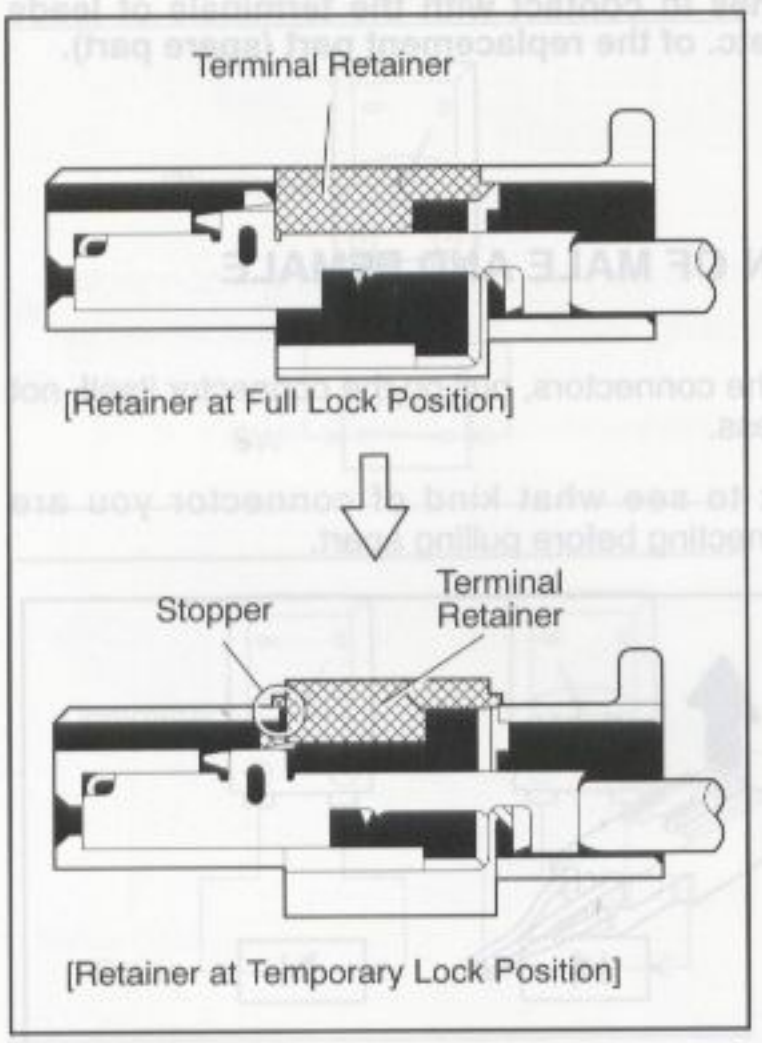
To pull apart the connectors, pull on the connector itself, not the wire harness.

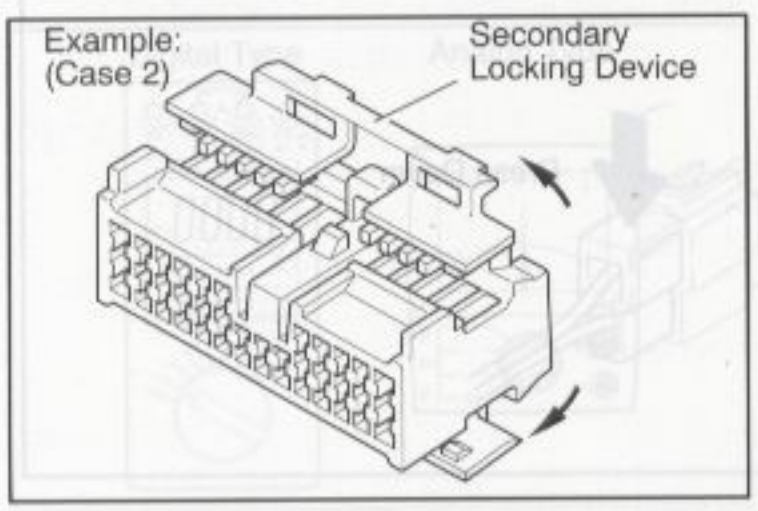
HINT : Check to see what kind of connector you are disconnecting before pulling apart.











HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

1. PREPARE THE SPECIAL TOOL

HINT : To remove the terminal from the connector, please construct and use the special tool or like object shown on the left.

2. DISCONNECT CONNECTOR

3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

(a) Locking device must be disengaged before the terminal locking clip can be released and the terminal removed from the connector.

(b) Use a special tool or the terminal pick to unlock the secondary locking device or terminal retainer.

NOTICE:
Do not remove the terminal retainer from connector body.

[A] For Non-Waterproof Type Connector

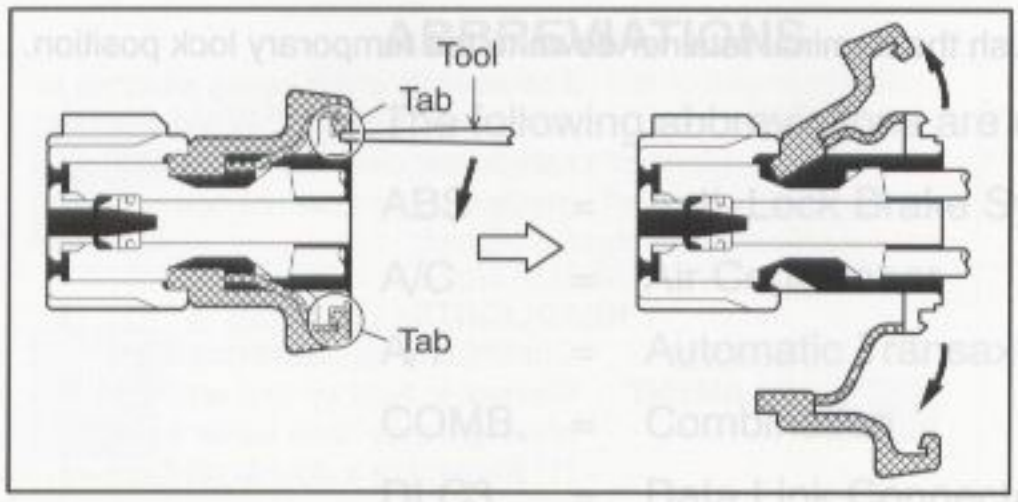
HINT : The needle insertion position varies according to the connector's shape (number of terminals etc.), so check the position before inserting it.

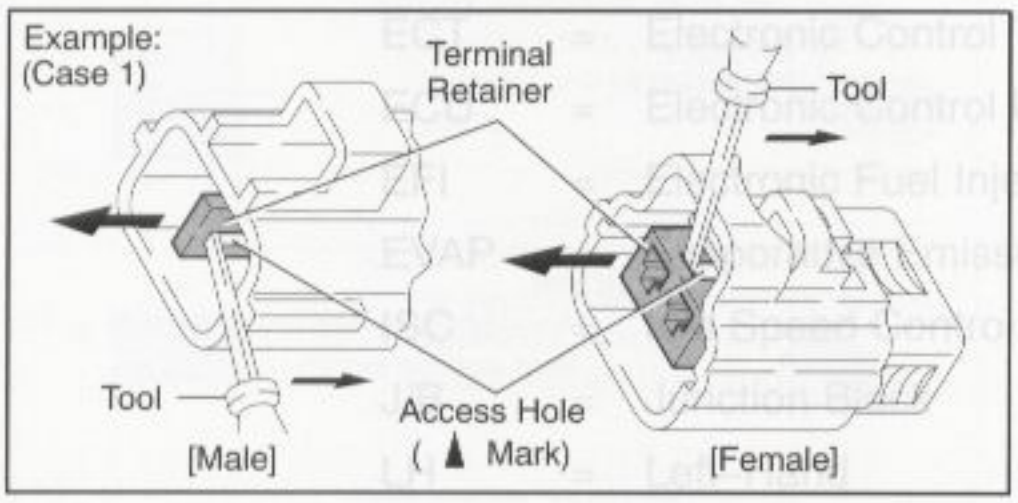
"Case 1"

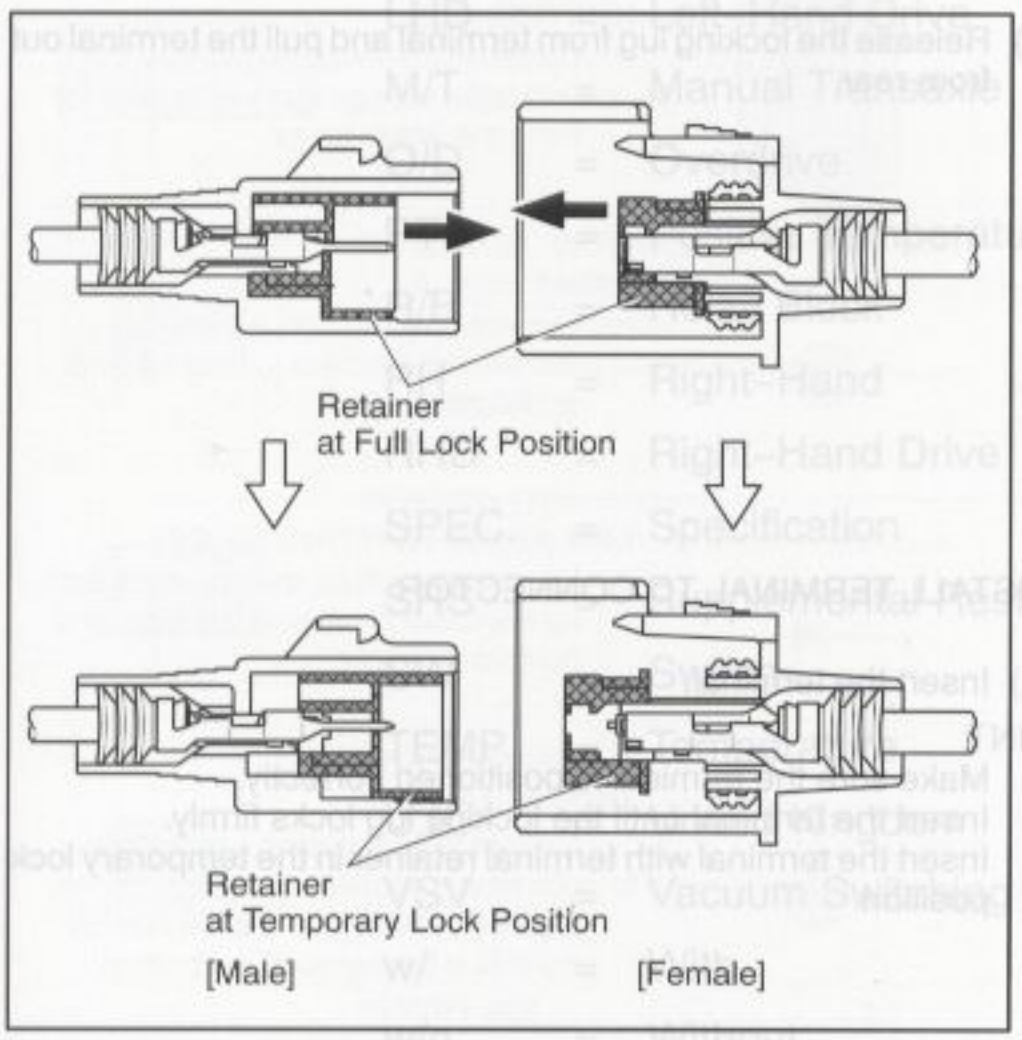
Raise the terminal retainer up to the temporary lock position.

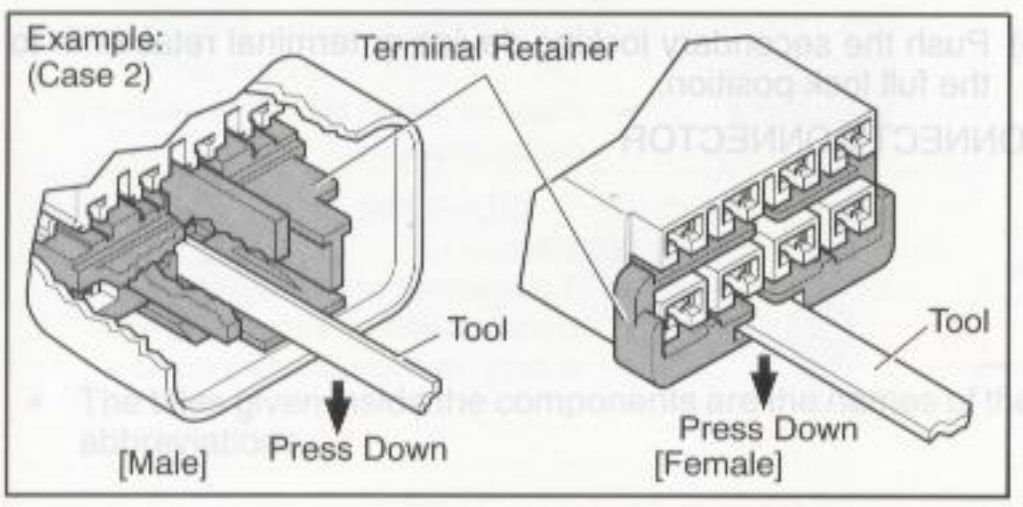
"Case 2"

Open the secondary locking device.









[B] For Waterproof Type Connector

HINT : Terminal retainer color is different according to connector body.

Example:

Terminal Retainer	:	Connector Body
Black or White	:	Gray
Black or White	:	Dark Gray
Gray or White	:	Black

"Case 1"

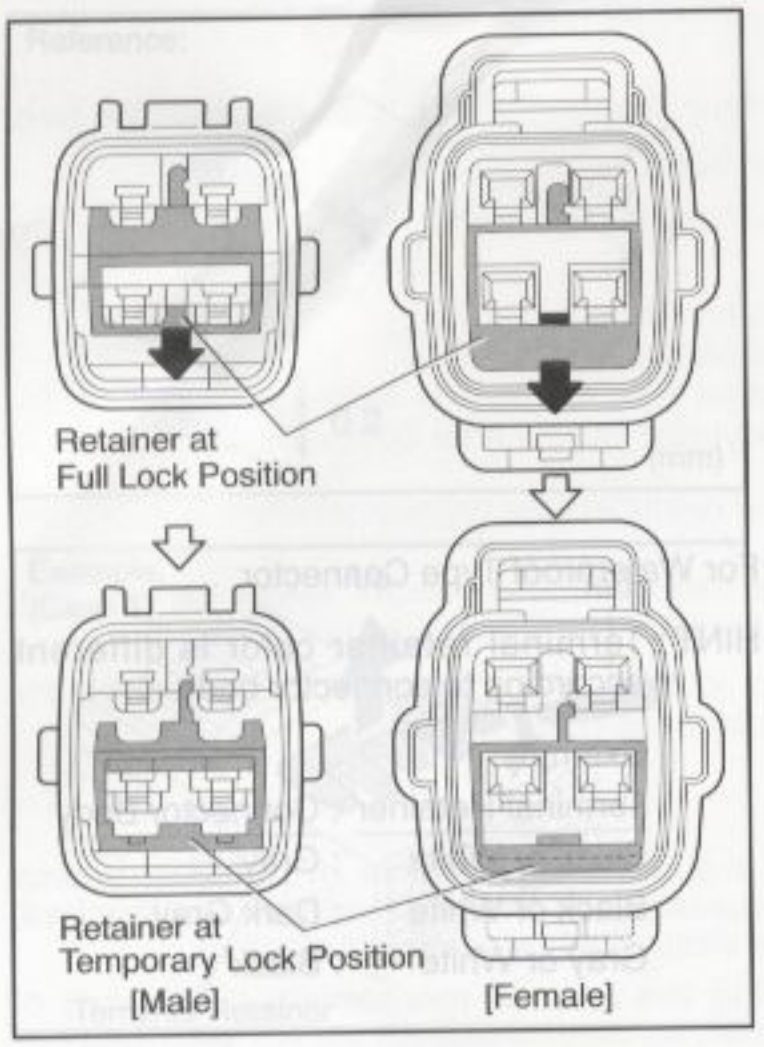
Type where terminal retainer is pulled up to the temporary lock position (Pull Type).

Insert the special tool into the terminal retainer access hole (▲Mark) and pull the terminal retainer up to the temporary lock position.

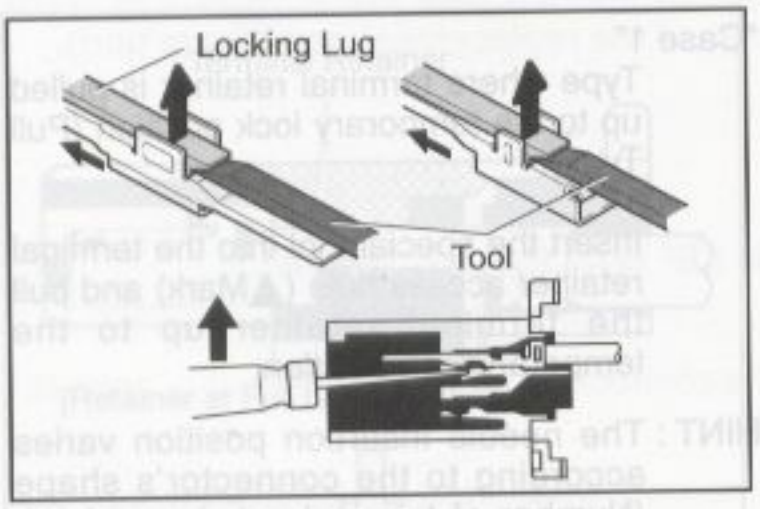
HINT : The needle insertion position varies according to the connector's shape (Number of terminals etc.), so check the position before inserting it.

"Case 2"

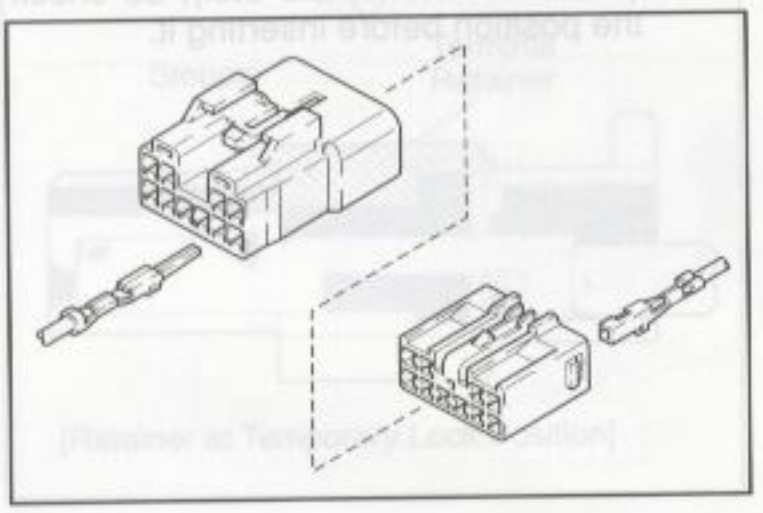
Type which cannot be pulled as far as Power Lock insert the tool straight into the access hole of terminal retainer as shown.



Push the terminal retainer down to the temporary lock position.



(c) Release the locking lug from terminal and pull the terminal out from rear.

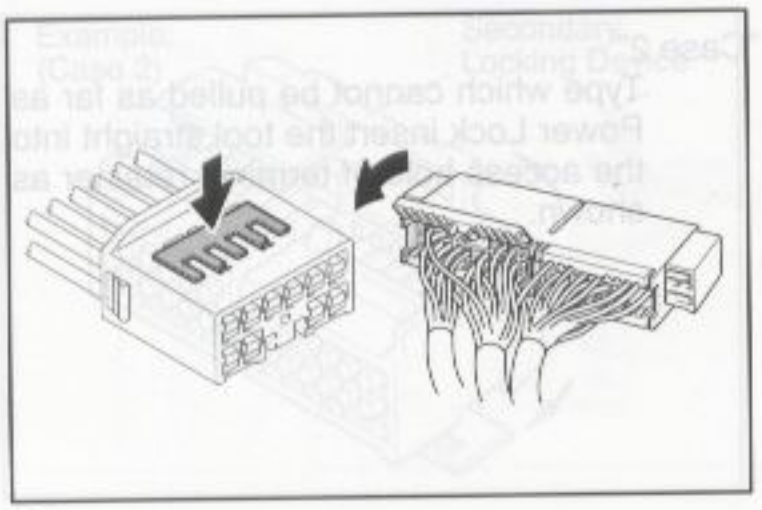


4. INSTALL TERMINAL TO CONNECTOR

(a) Insert the terminal.

HINT:

1. Make sure the terminal is positioned correctly.
2. Insert the terminal until the locking lug locks firmly.
3. Insert the terminal with terminal retainer in the temporary lock position.



(b) Push the secondary locking device or terminal retainer in to the full lock position.

5. CONNECT CONNECTOR

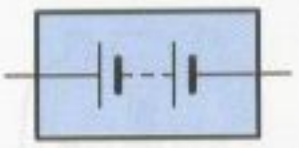
ABBREVIATIONS

The following abbreviations are used in this manual.

ABS	=	Anti-Lock Brake System
A/C	=	Air Conditioner
A/T	=	Automatic Transaxle
COMB.	=	Combination
DLC3	=	Data Link Connector 3
ECT	=	Electronic Control Transmission
ECU	=	Electronic Control Unit
EFI	=	Electronic Fuel Injection
EVAP	=	Evaporative Emission
ISC	=	Idle Speed Control
J/B	=	Junction Block
LH	=	Left-Hand
LHD	=	Left-Hand Drive
M/T	=	Manual Transaxle
O/D	=	Overdrive
PTC	=	Positive Temperature Coefficient
R/B	=	Relay Block
RH	=	Right-Hand
RHD	=	Right-Hand Drive
SPEC.	=	Specification
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
U.K.	=	United Kingdom
VSV	=	Vacuum Switching Valve
w/	=	With
w/o	=	Without

* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

E GLOSSARY OF TERMS AND SYMBOLS



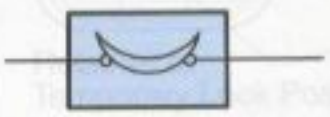
BATTERY
Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.



CAPACITOR (Condenser)
A small holding unit for temporary storage of electrical voltage.



CIGARETTE LIGHTER
An electric resistance heating element.



CIRCUIT BREAKER
Basically a reusable fuse, a circuit breaker will heat and open if too much current flows through it. Some units automatically reset when cool, others must be manually reset.

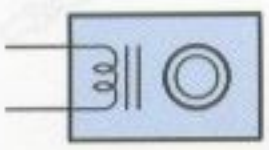
DIODE
A semiconductor which allows current flow in only one direction.



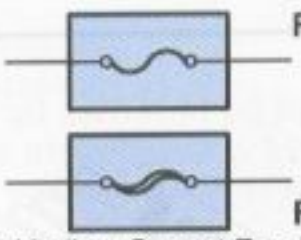
DIODE, ZENER
A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.



PHOTODIODE
The photodiode is a semiconductor which controls the current flow according to the amount of light.



DISTRIBUTOR, IIA
Channels high-voltage current from the ignition coil to the individual spark plugs.



FUSE
A thin metal strip which burns through when too much current flows through it, thereby stopping current flow and protecting a circuit from damage.

(for Medium Current Fuse)

FUSIBLE LINK
A heavy-gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the crosssection surface area of the wires.

(for High Current Fuse or Fusible Link)



GROUND
The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.



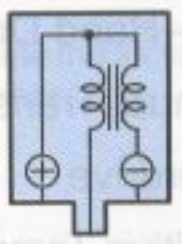
1. SINGLE FILAMENT

2. DOUBLE FILAMENT

HEADLIGHTS
Current flow causes a headlight filament to heat up and emit light. A headlight may have either a single (1) filament or a double (2) filament



HORN
An electric device which sounds a loud audible signal.



IGNITION COIL
Converts low-voltage DC current into high-voltage ignition current for firing the spark plugs.



LIGHT
Current flow through a filament causes the filament to heat up and emit light.



LED (LIGHT EMITTING DIODE)
Upon current flow, these diodes emit light without producing the heat of a comparable light.



METER, ANALOG
Current flow activates a magnetic coil which causes a needle to move, thereby providing a relative display against a background calibration.

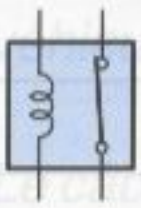


METER, DIGITAL
Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display.



MOTOR
A power unit which converts electrical energy into mechanical energy, especially rotary motion.

RELAY



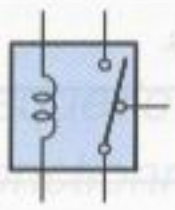
1. NORMALLY CLOSED



2. NORMALLY OPEN

Basically, an electrically operated switch which may be normally closed (1) or open (2). Current flow through a small coil creates a magnetic field which either opens or closes an attached switch.

RELAY, DOUBLE THROW



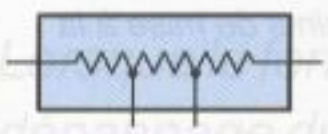
A relay which passes current through one set of contacts or the other.

RESISTOR



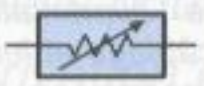
An electrical component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.

RESISTOR, TAPPED



A resistor which supplies two or more different non adjustable resistance values.

RESISTOR, VARIABLE or RHEOSTAT



A controllable resistor with a variable rate of resistance.
Also called a potentiometer or rheostat.

SENSOR (Thermistor)



A resistor which varies its resistance with temperature.

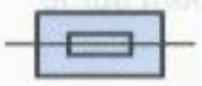
SENSOR, SPEED



(Reed Switch Type)

Uses magnetic impulses to open and close a switch to create a signal for activation of other components.

SHORT PIN



Used to provide an unbroken connection within a junction block.

SOLENOID



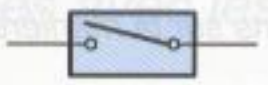
An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.

SPEAKER



An electromechanical device which creates sound waves from current flow.

SWITCH, MANUAL



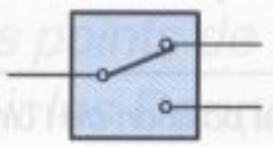
1. NORMALLY OPEN



2. NORMALLY CLOSED

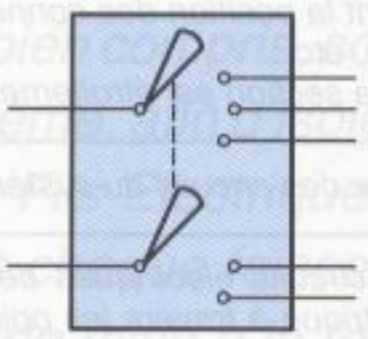
Opens and closes circuits, thereby stopping (1) or allowing (2) current flow.

SWITCH, DOUBLE THROW



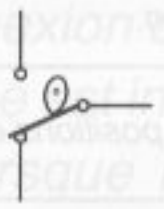
A switch which continuously passes current through one set of contacts or the other.

SWITCH, IGNITION



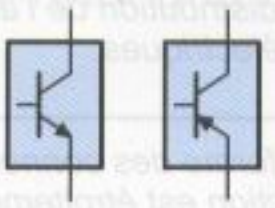
A key operated switch with several positions which allows various circuits, particularly the primary ignition circuit, to become operational.

SWITCH, WIPER PARK



Automatically returns wipers to the stop position when the wiper switch is turned off.

TRANSISTOR

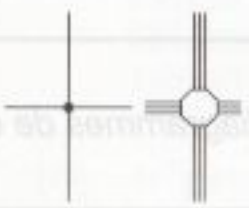


A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base".

WIRES



(1) NOT CONNECTED



(2) SPLICED

Wires are always drawn as straight lines on wiring diagrams.
Crossed wires (1) without a black dot at the junction are not joined;
crossed wires (2) with a black dot or octagonal (⬡) mark at the junction are spliced (joined) connections.

A INTRODUCTION

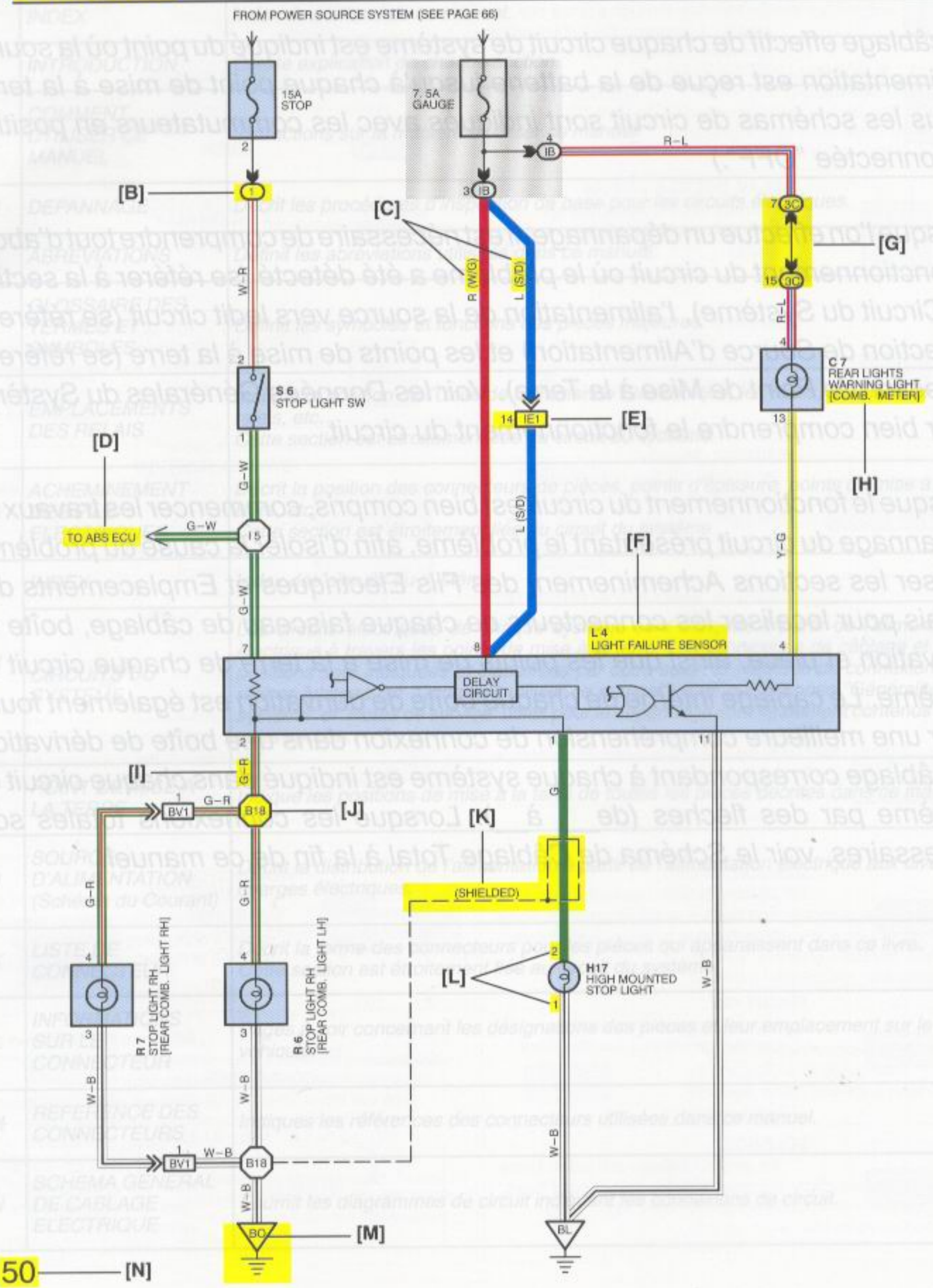
Ce manuel comprend les 14 sections suivantes:

N°	Section	Description
A	INDEX	Index du contenu de ce manuel.
	INTRODUCTION	Courte explication de chaque section.
B	COMMENT UTILISER CE MANUEL	Instructions sur la manière d'utiliser ce manuel.
C	DEPANNAGE	Décrit les procédures d'inspection de base pour les circuits électriques.
D	ABREVIATIONS	Définit les abréviations utilisées dans ce manuel.
E	GLOSSAIRE DES TERMES ET SYMBOLES	Définit les symboles et fonctions des pièces majeures.
F	EMPLACEMENTS DES RELAIS	Indique la position de l'Unité de Commande Electronique, les relais, les blocs de relais, etc. Cette section est étroitement liée au circuit du système.
G	ACHEMINEMENT DES FILS ELECTRIQUES	Décrit la position des connecteurs de pièces, points d'épissure, points de mise à la terre, etc. Cette section est étroitement liée au circuit du système.
H	INDEX	Index des circuits du système.
	CIRCUITS DU SYSTEME	Les circuits électriques de chaque système sont indiqués à partir de l'alimentation électrique à travers les points de mise à la terre. Les connexions de câblage et leurs positions sont indiquées et classifiées par code selon la méthode de connexion. (Se référer à la section "Comment utiliser ce manuel"). Les paragraphes "Généralités du système" et "Notes de service" utiles pour le dépannage sont également contenus dans cette section.
I	POINT DE MISE A LA TERRE	Indique les positions de mise à la terre de toutes les pièces décrites dans ce manuel.
J	SOURCE D'ALIMENTATION (Schéma du Courant)	Décrit la distribution de l'alimentation à partir de l'alimentation électrique aux diverses charges électriques.
K	LISTE DE CONNECTEUR	Décrit la forme des connecteurs pour les pièces qui apparaissent dans ce livre. Cette section est étroitement liée au circuit du système.
L	INFORMATIONS SUR LE CONNECTEUR	Pages à voir concernant les désignations des pièces et leur emplacement sur le véhicule.
M	REFERENCE DES CONNECTEURS	Indiques les références des connecteurs utilisées dans ce manuel.
N	SCHEMA GENERAL DE CABLAGE ELECTRIQUE	Fournit les diagrammes de circuit indiquant les connexions de circuit.

[A]

STOP LIGHT

* *Le système qui est ici représenté NE L'EST QU'A TITRE D'EXEMPLE. Il est différent du circuit réel représenté dans la SECTION CIRCUITS DE SYSTEME.*



[A] : *Titre du système*

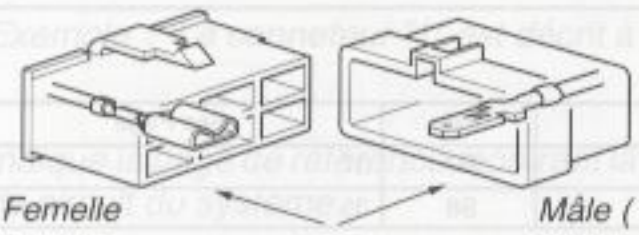
[B] : *Indique un bloc de relais. Aucune hachure n'est utilisée et seulement le N°. du bloc de relais est indiqué pour le distinguer du J/B.*

Exemple: (1) indique le bloc de relais N°1

[C] : *( ) s'utilisent pour indiquer différents câblages et connecteurs, etc. lorsque le modèle de véhicule, le type de moteur ou les spécifications sont différentes.*

[D] : *Indique un système correspondant.*

[E] : *Indique le connecteur de faisceau de câblage et le faisceau de câblage. Le faisceau de câblage avec la borne type mâle est indiqué par des fièches (»).*
Les chiffres externes représentent les numéros de broches.



Femelle *Mâle (»)*

La première lettre du code pour chaque faisceau de fils et connecteur(s) de faisceau de fils indique l'emplacement du composant, p.e. "E" pour le compartiment du moteur, "I" pour le tableau de bord et zone alentour et "B" pour la carrosserie et zone alentour. Lorsque plus d'un code ont les première et deuxième lettres en commun, suivies par des chiffres (p.e. IH-1, IH-2), cela indique le même type de faisceau de fils et de connecteur de faisceau de fils.

[F] : *Représente une pièce (toutes les pièces sont indiquées en bleu ciel). Le code est identique à celui utilisé dans l'emplacement des pièces.*

[G] : *Boîte de dérivation (le numéro dans le cercle représente le N° J/B et le code du connecteur est indiqué à côté). Les boîtes de dérivation sont hachurées pour les séparer des autres pièces.*

Exemple:



3C indique qu'il est à l'intérieur de la boîte de dérivation N°3.

[H] : *Lorsque les 2 pièces utilisent un connecteur en commun, la désignation de connecteur de pièse utilisée dans la section d'acheminement des fils est indiquée entre parenthèses à bouts en angle droit [ ].*

[I] : *Indique la couleur de câblage.*

Les couleurs des fils sont indiquées par un code alphabétique.

B = Noir	W = Blanc	BR = Marron
L = Bleu	V = Violet	SB = Bleu ciel
R = Rouge	G = Vert	LG = Vert clair
P = Rose	Y = Jaune	GR = Gris
O = Orange		

La première lettre indique la couleur de fil de base et la deuxième lettre indique la couleur de la bande.

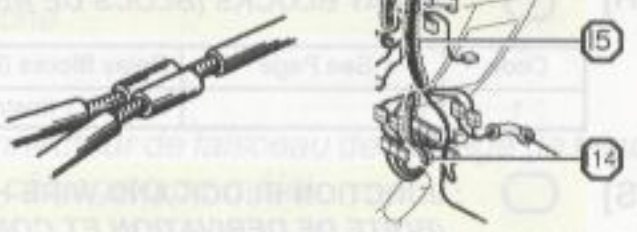
Exemple: L - Y



L (Bleu) - Y (Jaune)

[J] : *Indique un point d'épissure de câblage (les codes sont "E" pour le compartiment moteur, "I" pour le tableau de bord et "B" pour la carrosserie).*

Exemple:



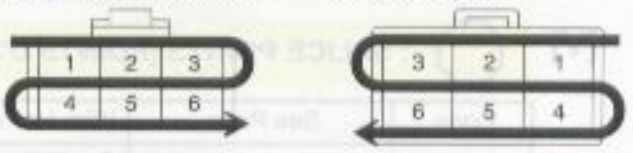
L'emplacement du point d'épissure I5 est indiqué par la section hachurée.

[K] : *Indique un faisceau de câblage scellé.*



[L] : *Indique le numéro de broche du connecteur. Le système de numérotage est différente pour les connecteurs type mâles et femelles.*

Exemple: *Numéroté en ordre de la gauche supérieure vers la droite inférieure.* *Numéroté en ordre de la droite supérieure vers la gauche inférieure.*



Femelle *Mâle*

[M] : *Indique un point de mise à la terre.*

La première lettre du code pour chaque point(s) de masse indique l'emplacement du composant, p.e. "E" pour le compartiment du moteur, "I" pour le tableau de bord et zone alentour et "B" pour la carrosserie et zone alentour.

[N] : *N° de page*

[O] SYSTEM OUTLINE *(DONNEES GENERALES DU SYSTEME)*

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop light SW.
When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

STOP LIGHT DISCONNECTION WARNING

When the ignition SW is turned on and the brake pedal is pressed (Stop light SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.
As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P] SERVICE HINTS *(NOTES DE SERVICE)*

S6 STOP LIGHT SW

2–1 : Closed with the brake pedal depressed

L4 LIGHT FAILURE SENSOR

1, 2, 7–GROUND : Approx. **12** volts with the stop light SW on
4, 8–GROUND : Approx. **12** volts with the ignition SW at **ON** position
11–GROUND : Always continuity

[Q] ○ : PARTS LOCATION *(EMPLACEMENT DES PIECES)*

Code	See Page	Code	See Page	Code	See Page
C7	34	L4	36	R7	37
H17	36	R6	37	S6	35

[R] ▭ : RELAY BLOCKS *(BLOCS DE RELAIS)*

Code	See Page	Relay Blocks (Relay Block Location)
1	18	R/B No.1 (Instrument Panel Left)

[S] ▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR *(BOITE DE DERIVATION ET CONNECTEUR DE FAISCEAU DE CABLAGE)*

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3C	22	Instrument Panel Wire and J/B No.3 (Instrument Panel Left Side)

[T] □ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS *(FAISCEAU DE CABLAGE DE JONCTION CONNECTEUR ET FAISCEAU DE CABLAGE)*

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	42	Floor Wire and Instrument Panel Wire (Left Kick Panel)
BV1	50	Luggage Room Wire and Floor Wire (Luggage Compartment Left)

[U] ▽ : GROUND POINTS *(POINTS DE MISE A LA TERRE)*

Code	See Page	Ground Points Location
BL	50	Under the Left Quarter Pillar
BO	50	Back Panel Center

[V] ⬡ : SPLICE POINTS *(POINTS D'EPISSURE)*

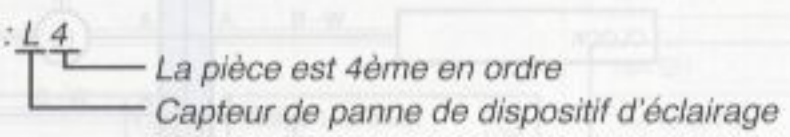
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	44	Cowl Wire	B18	50	Luggage Room Wire

[O] : *Explique les données générales du système.*

[P] : *Indique les valeurs ou explique la fonction pour référence durant le dépannage.*

[Q] : *Indique la page de référence montrant la position sur le véhicule des pièces du circuit du système.*

Exemple : La pièce "L4" (capteur de panne de dispositif d'éclairage) se trouve à la page 36 du manuel.
** La lettre dans le code est à partir de la première lettre de la pièce, et le numéro indique son ordre en pièces commençant avec cette lettre.*



[R] : *Indique la page de référence montrant la position sur le véhicule des connecteurs de bloc de relais du circuit du système.*

Exemple : Le conneteur "1" est décrit à la page 18 de ce manuel et est installé sur la gauche du tableau de bord.

[S] : *Indique la page de référence montrant la position sur le véhicule de la boîte de dérivation et du faisceau de câblage du circuit du système.*

Exemple : Le connecteur "3C" connecte le fil d'auvent et la boîte de dérivation N°3. Il est décrit à la page 22 de ce manuel, et est installé sur le tableau de bord côté gauche.

[T] : *Indique la page de référence décrivant le faisceau de câblage et le connecteur de faisceau de câblage (le faisceau de câblage type femelle est indiqué en premier, suivi du faisceau de câblage type mâle).*

Exemple : Le connecteur "IE1" connecte le fil côté droit de la porte avant (type femelle) et le fil d'auvent (type mâle). Il est décrit à la page 42 de ce manuel, et est installé sur le panneau de protection côté droit.

[U] : *Indique la page de référence montrant la position des points de mise à la terre sur le véhicule.*

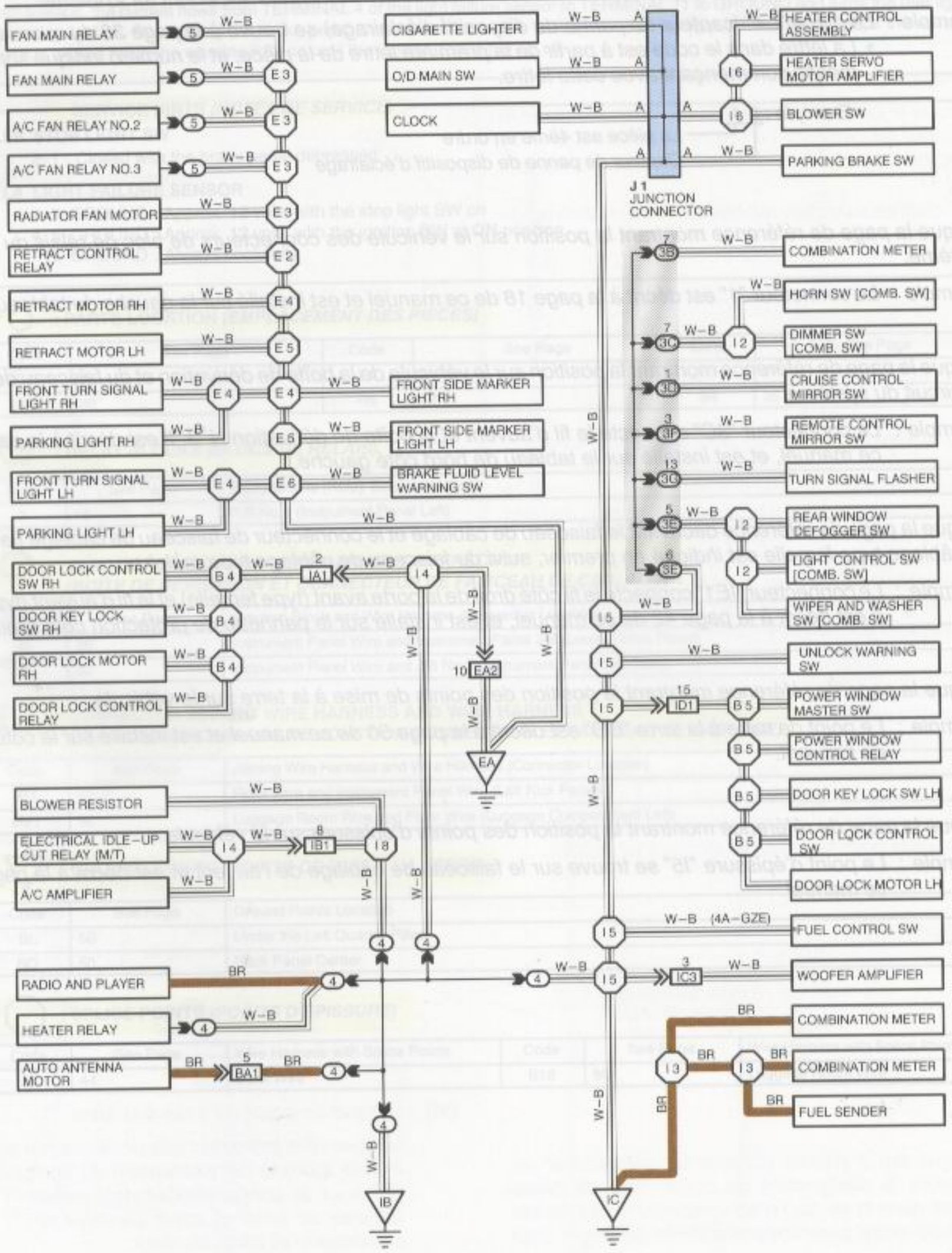
Exemple : Le point de mise à la terre "BO" est décrit à la page 50 de ce manuel et est installé sur le côté gauche de l'auvent.

[V] : *Indique la page de référence montrant la position des points d'épissure sur le véhicule.*

Exemple : Le point d'épissure "I5" se trouve sur le faisceau de câblage de l'auvent et est décrit à la page 44 de ce manuel.

Le schéma des points de mise à la terre indique les connexions à partir de toutes les pièces majeures vers les points de mise à la terre respectifs. Lorsque l'on effectue le dépannage d'un point de mise à la terre défectueux, il sera nécessaire de vérifier les circuits du système qui utilisent une mise à la terre commune pour permettre d'identifier rapidement le problème de la mise à la terre. Le rapport entre les points de mise à la terre (EA, IB et IC indiqués ci-après) peut être vérifié aussi de cette manière.

I GROUND POINT



* *Le système qui est ici représenté NE L'EST QU'A TITRE D'EXEMPLE. Il est différent du circuit réel représenté dans la SECTION CIRCUITS DE SYSTEME.*

La section "Schéma du Courant" décrit les pièces auxquelles l'alimentation fournit le courant (fusibles, lames fusibles et disjoncteurs). Dans le schéma du circuit d'alimentation, une explication est donnée sur les conditions qui se présentent lorsque l'alimentation est fournie à chaque système. Comme tous les schémas de circuit du système partent de la source d'alimentation, le système d'alimentation doit être bien compris.

J POWER SOURCE (Current Flow Chart)

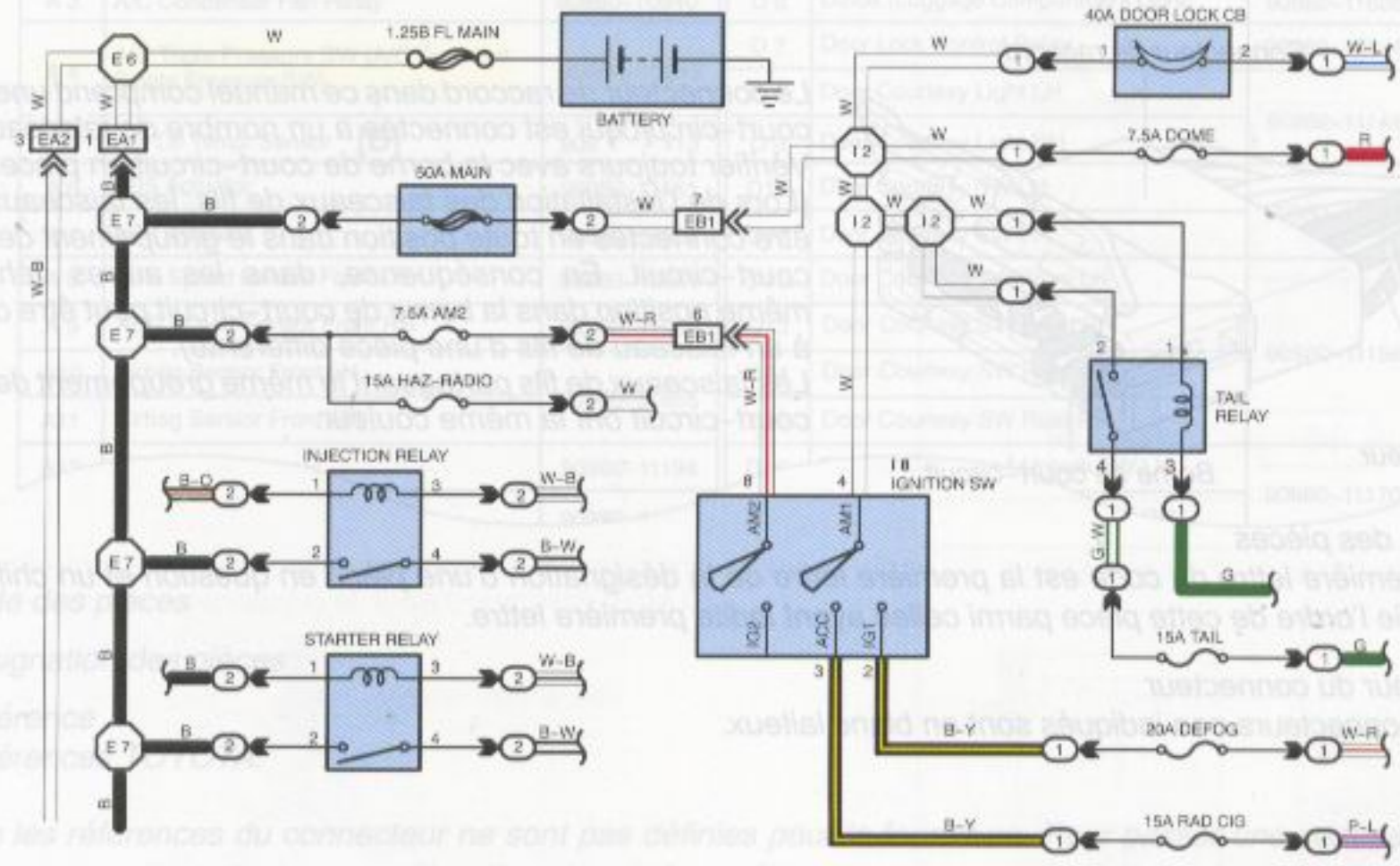
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.



Engine Room R/B (See Page 20)

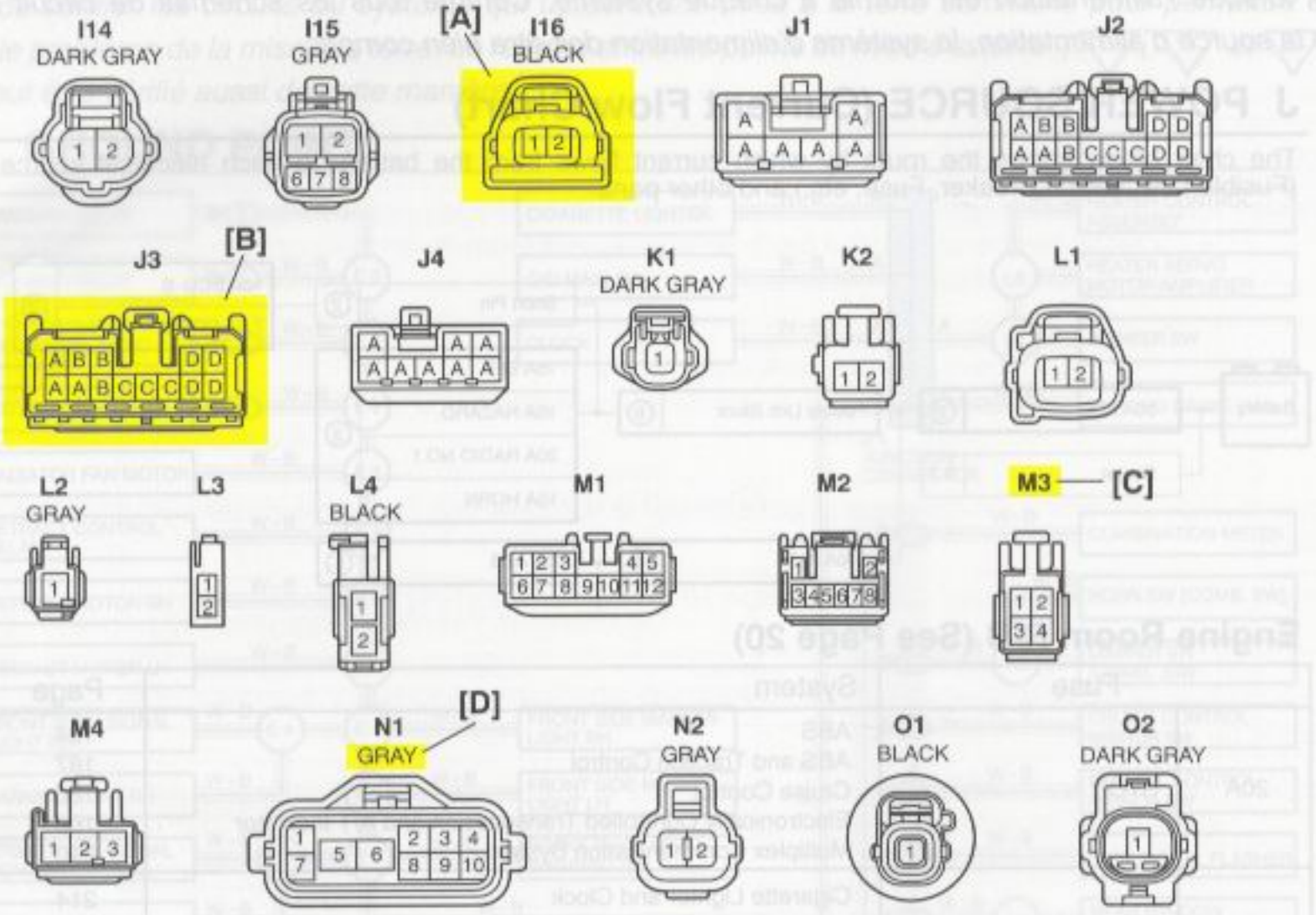
Fuse		System	Page
20A	STOP	ABS	194
		ABS and Traction Control	187
		Cruise Control	180
		Electronically Controlled Transmission and A/T Indicator	166
		Multiplex Communication System	210
10A	DOME	Cigarette Lighter and Clock	214
		Combination Meter	230
		Headlight	112
		Interior Light	122
		Key Reminder and Seat Belt Warning	
		Light Auto Turn Off	
		Theft Deterrent and Door	

POWER SOURCE



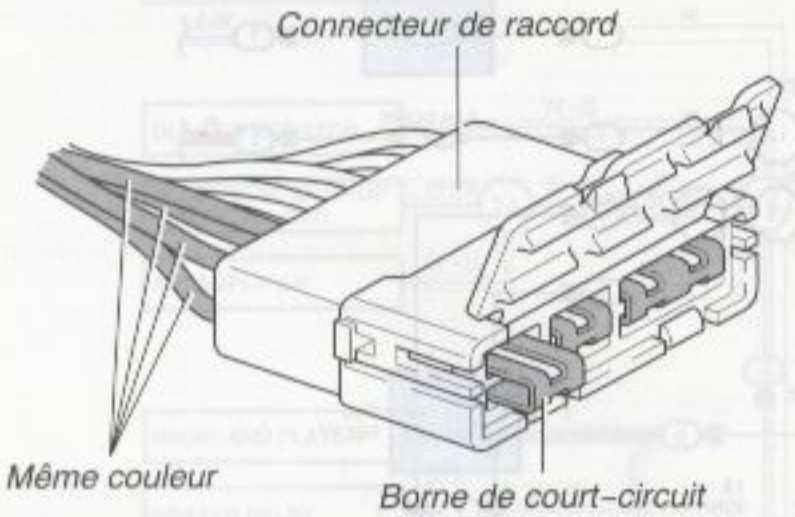
* *Le système qui est ici représenté NE L'EST QU'A TITRE D'EXEMPLE. Il est différent du circuit réel représenté dans la SECTION CIRCUITS DE SYSTEME.*

K CONNECTOR LIST



[A] : *Indique le connecteur devant être branché sur une pièce. (le chiffre indique le N° de broche)*

[B] : *Connecteur de raccord*
Indique le connecteur relié à la borne de court-circuit.



Le connecteur de raccord dans ce manuel comprend une borne de court-circuit qui est connectée à un nombre de faisceaux de fils. Vérifier toujours avec la borne de court-circuit en place. (Lors de l'installation des faisceaux de fils, les faisceaux peuvent être connectés en toute position dans le groupement de borne de court-circuit. En conséquence, dans les autres véhicules, la même position dans la borne de court-circuit peut être connectée à un faisceau de fils d'une pièce différente). Les faisceaux de fils partageant le même groupement de borne de court-circuit ont la même couleur.

[C] : *Code des pièces*
La première lettre du code est la première lettre de la désignation d'une pièce en question et un chiffre qui suit signifie l'ordre de cette pièce parmi celles ayant ladite première lettre.

[D] : *Couleur du connecteur*
Les connecteurs non indiqués sont en blanc laiteux.

L INFORMATIONS SUR LE CONNECTEUR

Code	Voire page	Désignation des pièces
A 1	20 (LHD 4A-FE)	Moteur de ventilateur de condenseur de A/C
	22 (LHD 4E-FE)	
	30 (RHD 4A-FE)	
	32 (RHD 4E-FE)	
A 2	20 (LHD 4A-FE)	Accouplement magnétique de A/C
	30 (RHD 4A-FE)	
A 3 [A]	20 (LHD 4A-FE) — [B]	Accouplement magnétique de A/C et capteur de blocage [C]
	22 (LHD 4E-FE)	
	30 (RHD 4A-FE)	
	32 (RHD 4E-FE)	
A 4	20 (LHD 4A-FE)	Triple pressostat de A/C (double pressostat et pressostat ...ple de A/C)
	22 (LHD 4E-FE)	

Code	Voire page	Désignation des pièces
D 4	24 (LHD)	Diode (O/D)
	34 (RHD)	
D 5	24 (LHD)	Récepteur de commande de porte
	34 (RHD)	
D 6	34 (RHD)	Relais de commande de condamnation de porte
D 7	24 (LHD)	Commande de condamnation de porte
	34 (RHD)	
D 8	26 (LHD S/D)	Diode (d'éclairage de courtoisie sur porte)
	28 (LHD W/G)	
	36 (RHD S/D)	
	38 (RHD W/G)	
		...éclairage de courtoisie su...

[A] : *Code des pièces*

[B] : *Voire page*
Pages à voir concernant le circuit de système, montrant l'emplacement de la pièce sur le véhicule.

[C] : *Désignation des pièces*

M PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980-11070
A 2	A/C Condenser Fan Motor	90980-11237
A 3	A/C Condenser Fan Relay	90980-10940
A 4 [A]	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	90980-10943 [C]
	A/T Oil Temp. Sensor [B]	909...413
A 6	ABS Actuator	90980-11151
A 7	ABS Actuator	90980-11009
A 8	ABS Speed Sensor Front LH	90980-10941
A 9	ABS Speed Sensor Front RH	90980-11002
A10	Airbag Sensor Front LH	90980-11856
A11	Airbag Sensor Front RH	
A12	...	90980-11194
	...	90980-...

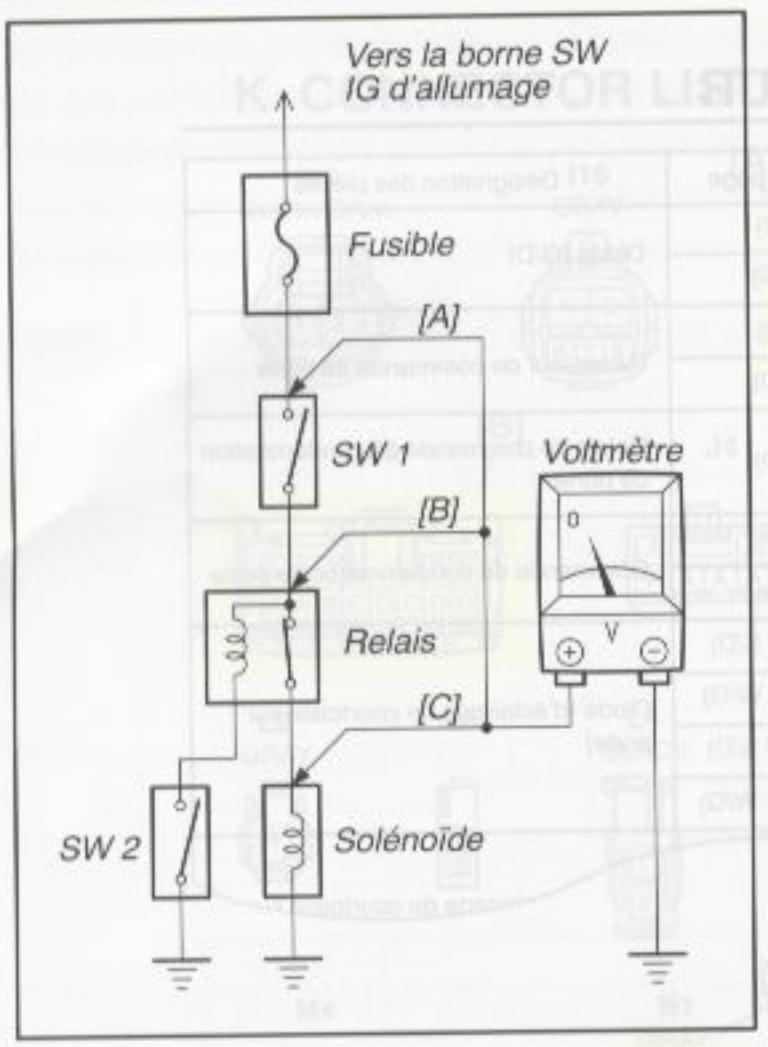
Code	Part Name	Part Number
D 4	Diode (Door Courtesy Light)	90980-11608
D 5	Diode (Key Off Operation)	90980-10962
D 6	Diode (Luggage Compartment Light)	90980-11608
D 7	Door Lock Control Relay	90980-10848
D 8	Door Courtesy Light LH	90980-11148
D 9	Door Courtesy Light RH	
D10	Door Courtesy SW LH	90980-11097
D11	Door Courtesy SW RH	
D12	Door Courtesy SW Front LH	90980-11156
D13	Door Courtesy SW Front RH	
D14	Door Courtesy SW Rear LH	
D15	Door Courtesy SW Rear RH	
D16	...d Unlock SW LH	90980-11170
	...RH	

[A] : *Code des pièces*

[B] : *Désignation des pièces*

[C] : *Référence*
Références TOYOTA.

Toutes les références du connecteur ne sont pas définies pour la fourniture. Pour passer une commande d'un connecteur ou d'une borne avec fil, prière de vérifier préalablement si cette pièce est bien disponible en se reportant à "Parts Catalog News" (publié par le Département de la Gestion de l'Ingénierie).



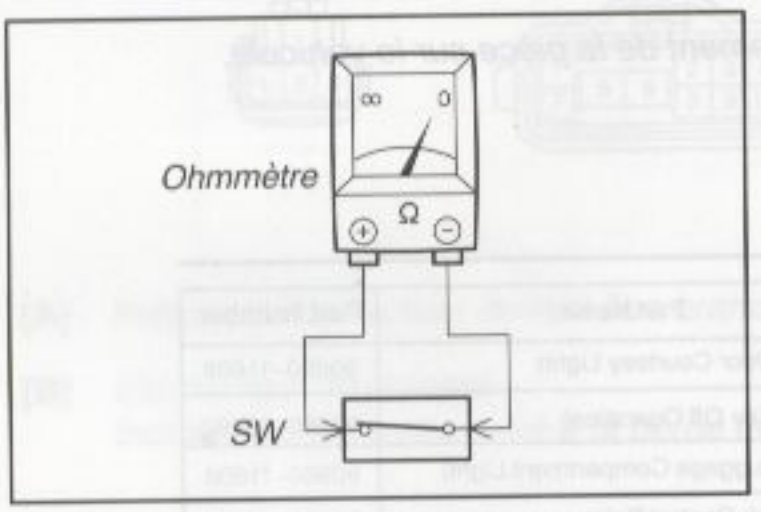
VERIFICATION DE TENSION

(a) Etablir les conditions dans lesquelles la tension est présente au point de contrôle.

Exemple:

[A] – CONTACTEUR d'allumage sur "ON"
[B] – CONTACTEUR d'allumage et SW 1 sur "ON"
[C] – CONTACTEUR d'allumage, SW 1 et Relais sur "ON" (SW 2 sur "OFF")

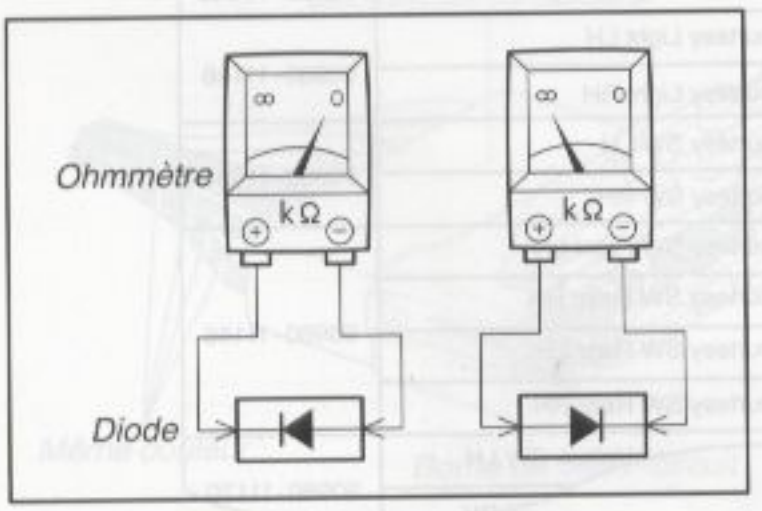
(b) En utilisant un voltmètre, connecter le fil négatif à une point de mise à la terre approprié ou à la borne de batterie négative, et le fil positif au connecteur ou borne de composants. Cette vérification peut s'effectuer avec une lampe à mesurer au lieu du voltmètre.



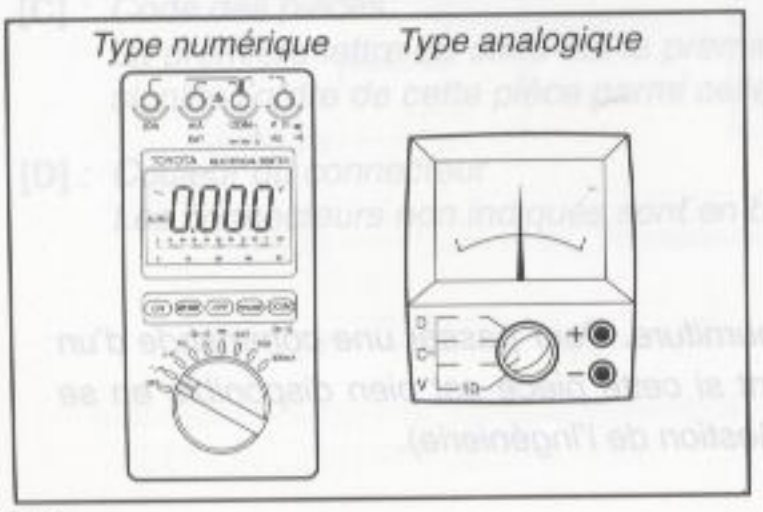
CONTROLE DE LA CONTINUITE ET RESISTANCE

(a) Déconnecter la borne ou fil de batterie de telle manière qu'il n'y ait pas de tension entre les points de contrôle.

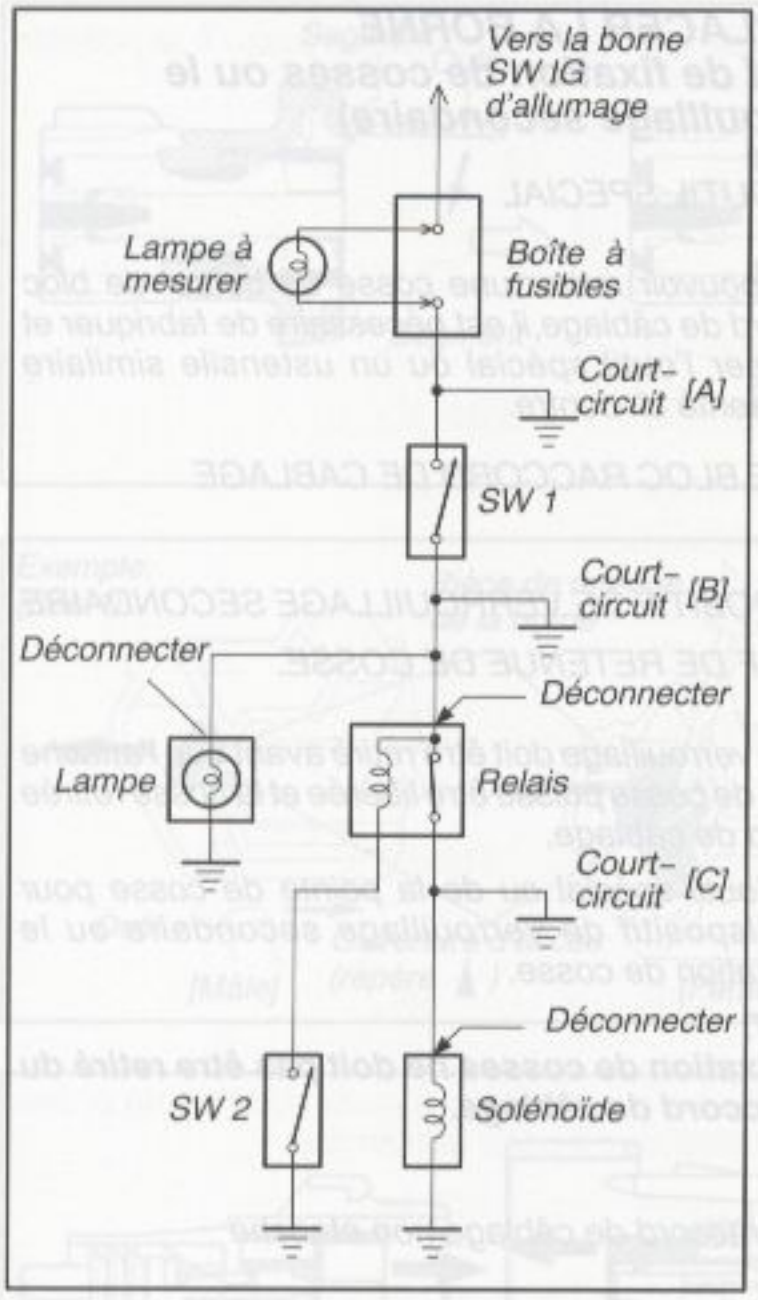
(b) Mettre en contact les deux fils d'un ohmmètre à chaque point de contrôle.



Si le circuit présente des diodes, inverser les deux fils et vérifier de nouveau.
Il doit y avoir une continuité lorsque l'on met en contact le fil négatif au côté positif de la diode et le fil positif au côté négatif.
Lorsque l'on met en contact les deux fils en sens inverse, il ne doit pas y avoir de continuité.



(c) Utiliser un volt/ohmmètre avec une haute impédance (10 kΩ/V minimum) pour le dépannage du circuit électrique.



LOCALISATION DE COURT-CIRCUIT

(a) Déposer le fusible grillé et déconnecter toutes les charges du fusible.

(b) onnecter une lampe à mesurer au lieu du fusible.

(c) Etablir les conditions pour lesquelles la lampe à mesurer s'allume.

Exemple:

[A] - CONTACTEUR d'allumage sur "ON"
[B] - CONTACTEUR d'allumage et SW 1 sur "ON"
[C] - CONTACTEUR d'allumage, SW 1 et Relais sur "ON" (connecter le relais) et SW 2 sur "OFF" (ou Déconnecter SW 2).

(d) Déconnecter et reconnecter les connecteurs tout en observant la lampe à mesurer.
Le court-circuit se trouve entre le connecteur sur lequel la lampe à mesurer reste allumée et le connecteur sur lequel la lampe s'éteint.

(e) Localiser l'emplacement exact du court-circuit en secouant légèrement le fil où le problème se trouve le long de la carrosserie.

PRECAUTION:

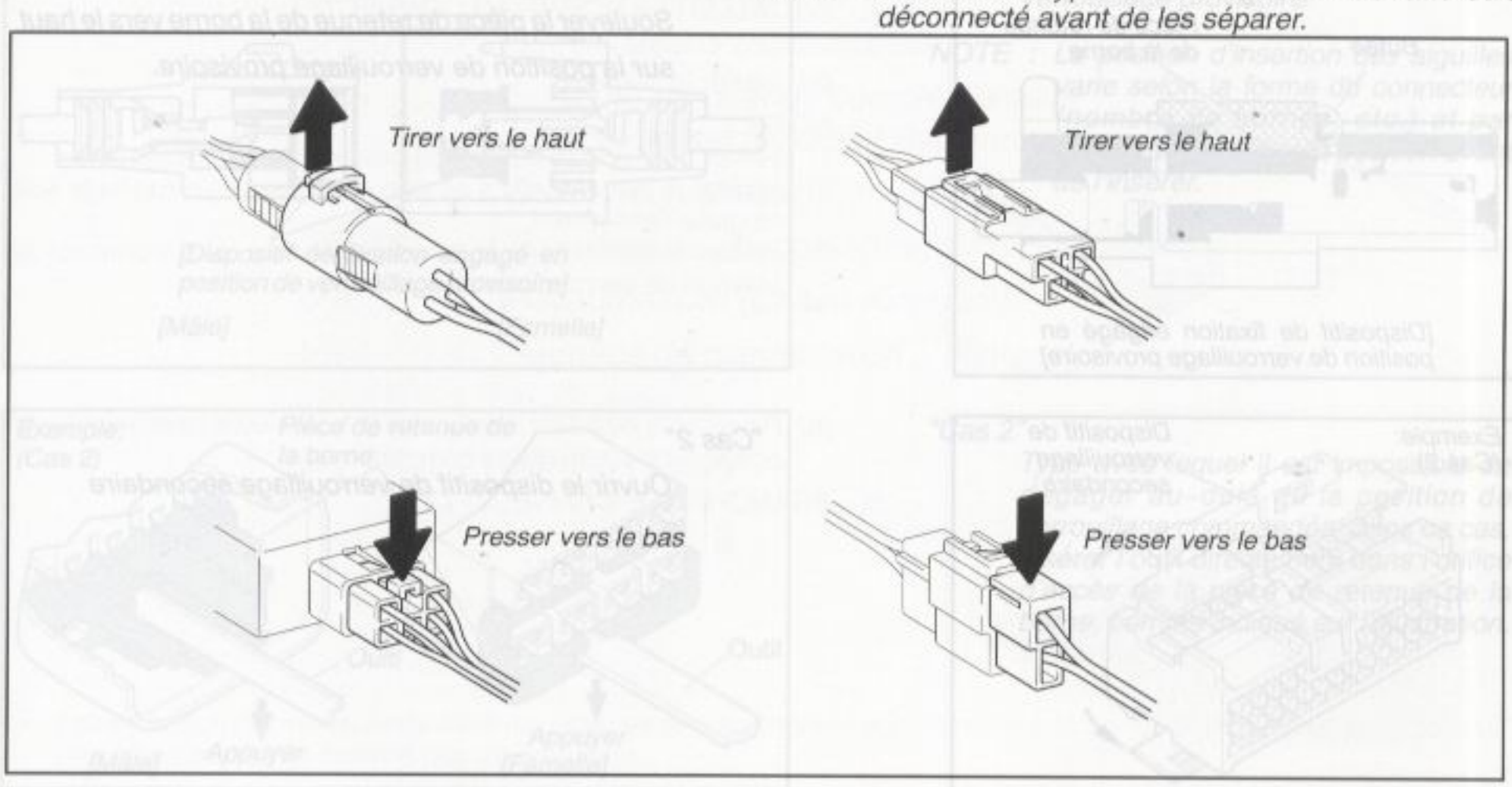
(a) Ne pas ouvrir le couvercle ou la boîte de l'ECU à moins que cela ne soit nécessaire. (Si les bornes de CI sont touchées, le CI pourrait être détruit par l'électricité statique).

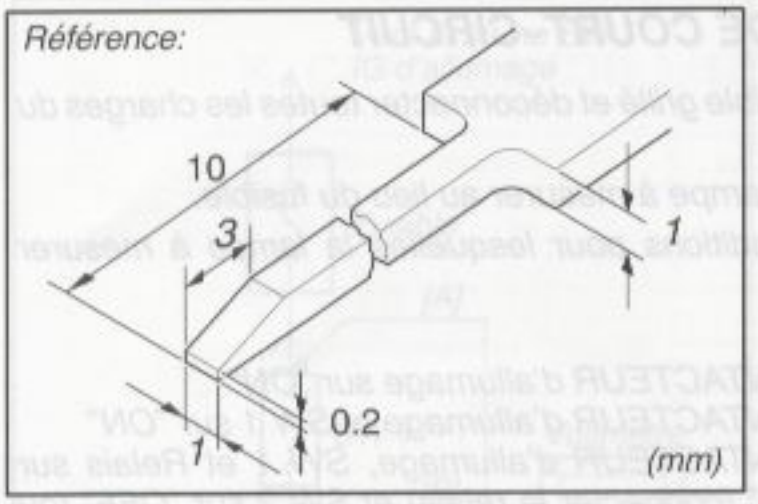
(b) Lors d'un remplacement du mécanisme intérieur (partie ECU) du compteur numérique, prenez garde de ne mettre aucune partie de votre corps ou de votre vêtement en contact avec les bornes des conducteurs en provenance de l'IC, etc. de la pièce de remplacement (pièce de rechange).

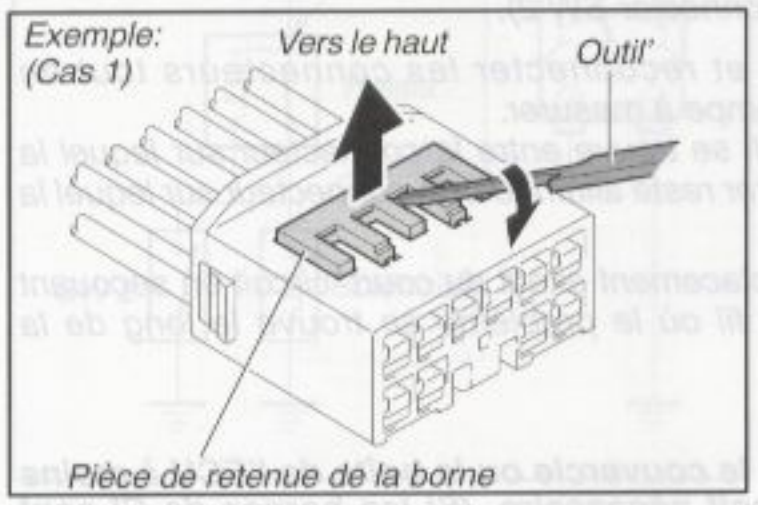
DEBRANCHEMENT DES CONNECTEURS DE TYPE MALE ET FEMELLE

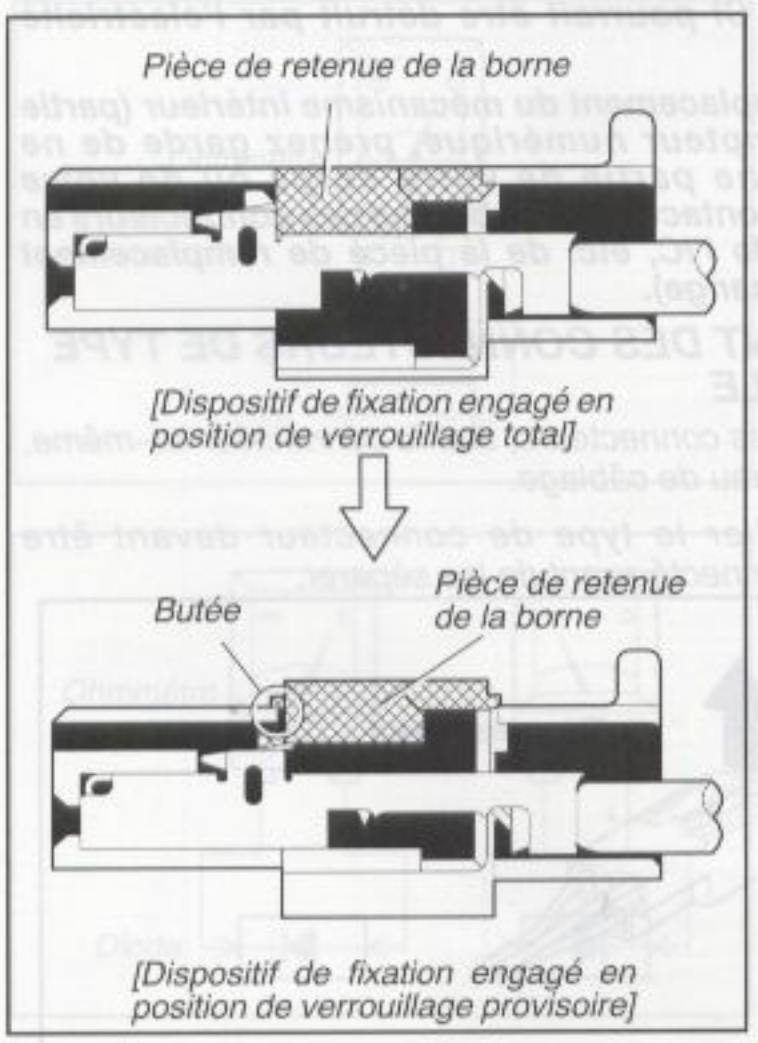
Pour séparer les connecteurs, tirer le connecteur lui-même, et non le faisceau de câblage.

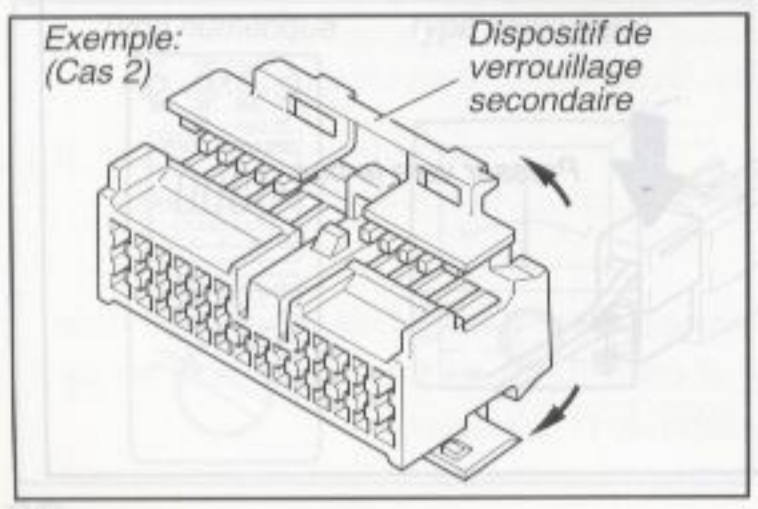
NOTE : Vérifier le type de connecteur devant être déconnecté avant de les séparer.











COMMENT REMPLACER LA BORNE (Avec le dispositif de fixation de cosses ou le dispositif de verrouillage secondaire)

1. *FABRIQUER UN OUTIL SPECIAL*

   CONSEIL : Pour pouvoir retirer une cosse du boîtier de bloc raccord de câblage,il est nécessaire de fabriquer et d'utiliser l'outil spécial ou un ustensile similaire représenté ci-contre.

2. *DEBRANCHER LE BLOC RACCORD DE CABLAGE*

3. *LIBERER LE DISPOSITIF DE VERROUILLAGE SECONDAIRE OU LE DISPOSITIF DE RETENUE DE COSSE.*

   (a) Le dispositif de verrouillage doit être retiré avant que l'attache de verrouillage de cosse puisse être libérée et la cosse retirée du bloc raccord de câblage.

   (b) Se servir de l'outil spécial ou de la pointe de cosse pour débrayer le dispositif de verrouillage secondaire ou le dispositif de fixation de cosse.

AVERTISSEMENT:
Le dispositif de fixation de cosses ne doit pas être retiré du boîtier de bloc raccord de câblage.

[A] Cas du bloc raccord de câblage non étanche

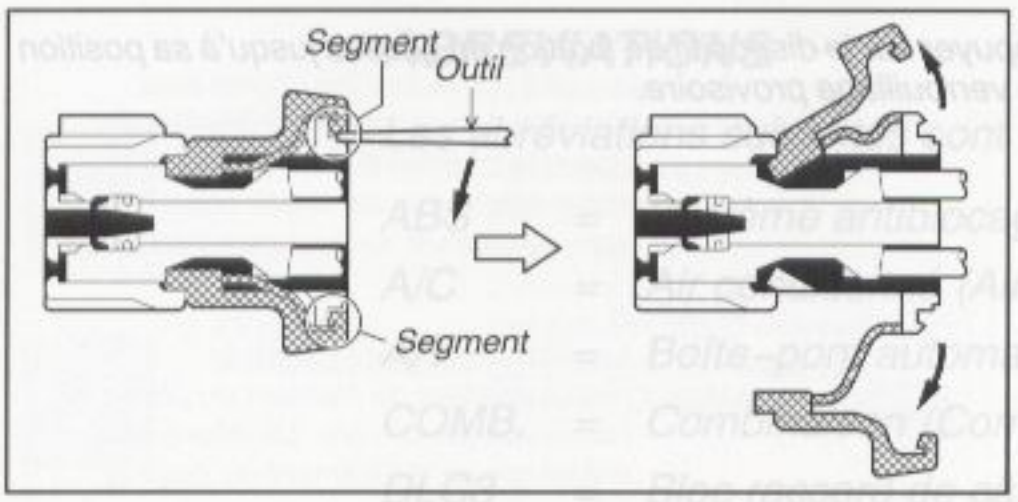
NOTE : La position d'insertion des aiguilles varie selon la forme du connecteur (nombre de bornes, etc.) et par conséquent vérifier la position avant de l'insérer.

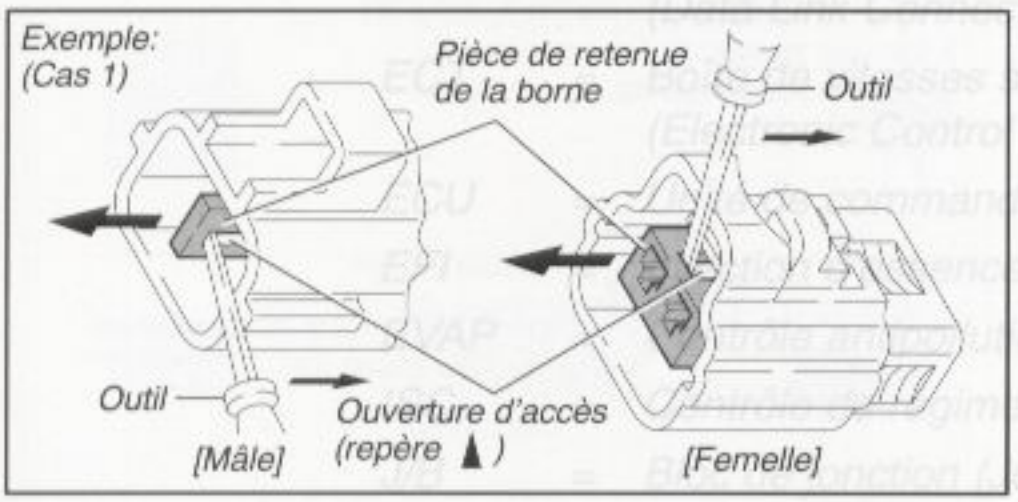
"Cas 1"

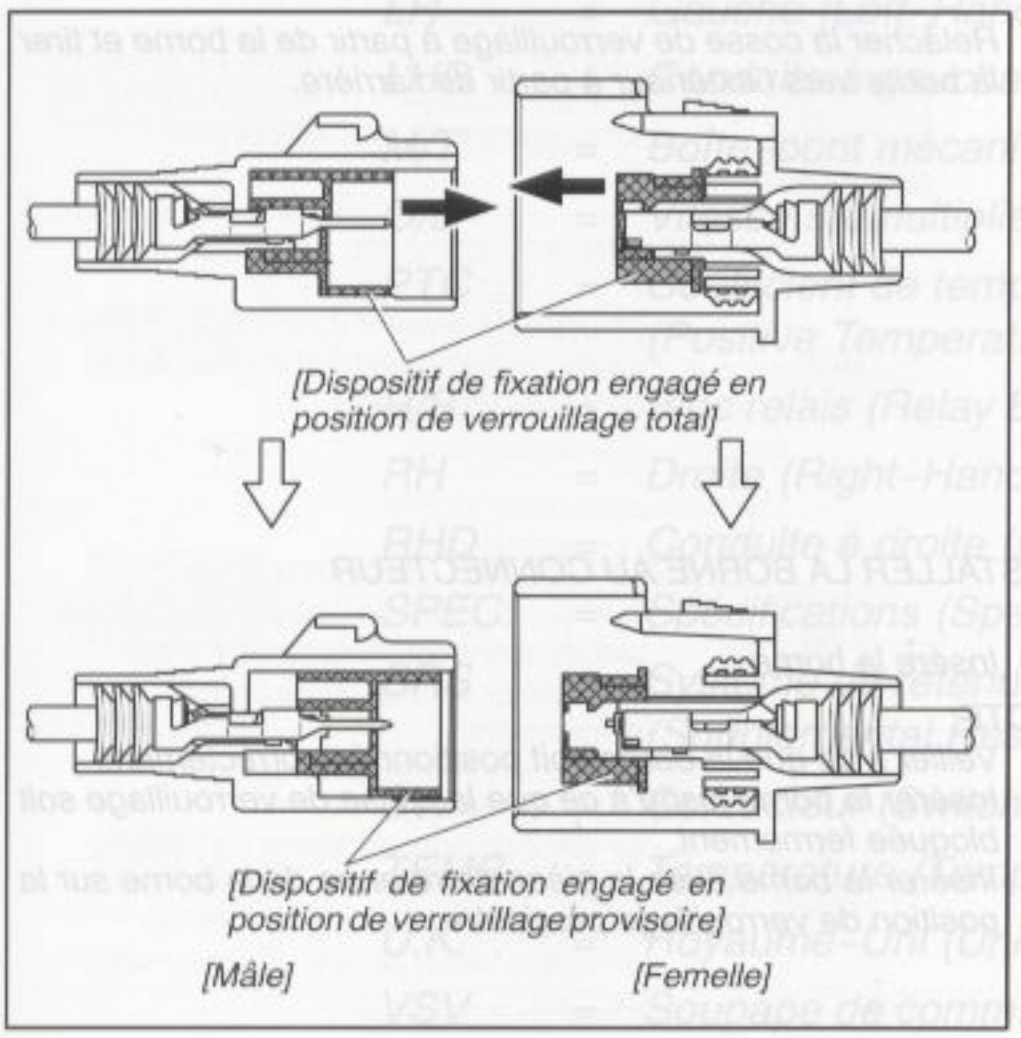
Soulever la pièce de retenue de la borne vers le haut sur la position de verrouillage provisoire.

"Cas 2"

Ouvrir le dispositif de verrouillage secondaire







[B] Cas de bloc raccord de câblage étanche

NOTE : La teinte des cosses varie suivant la forme du boîtier de block raccord de câblage.

Exemple:

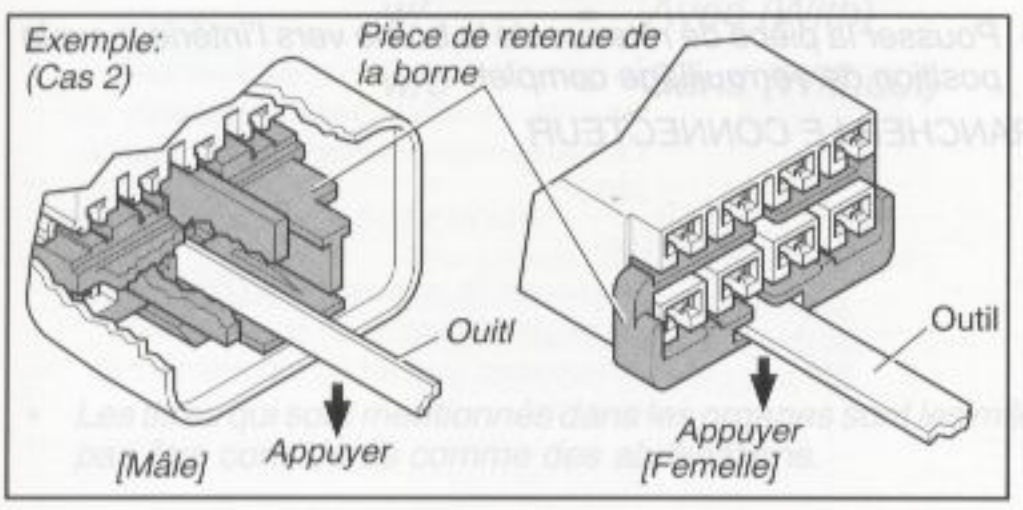
Dispositif de fixation de cosses	Boîtier de bloc raccord de câblage
Noir ou blanc	: Gris
Noir ou blanc	: Gris foncé
Gris ou blanc	: Noir

"Cas 1"

Type avec lequel le dispositif de fixation de cosses peut être relevé jusqu'à sa position de verrouillage secondaire (type à relever).

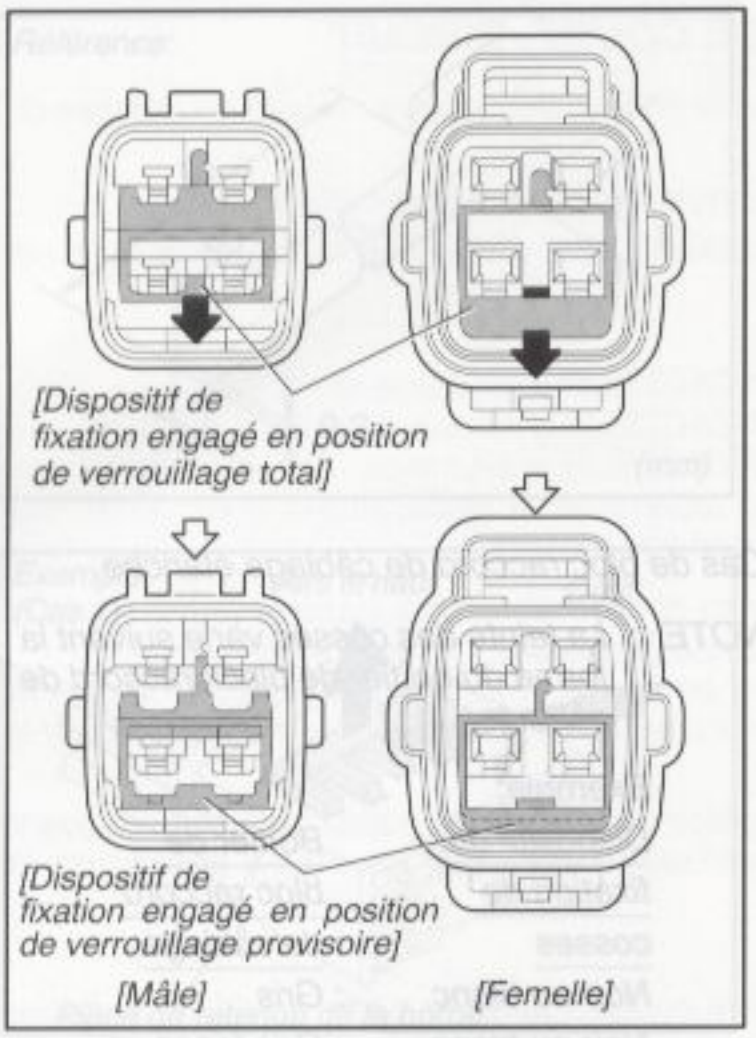
Engager l'extrémité de l'outil spécial dans l'ouverture d'accès (repère▲) de dispositif de fixation de cosses et relever ce dernier jusqu'à sa positin de verrouillage provisoire.

NOTE : La position d'insertion des aiguilles varie selon la forme du connecteur (nombre de bornes, etc.) et par conséquent vérifier la position avant de l'insérer.

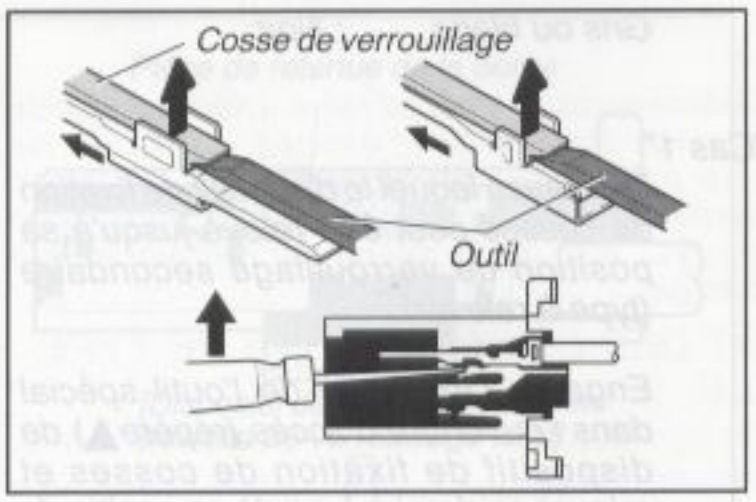


"Cas 2"

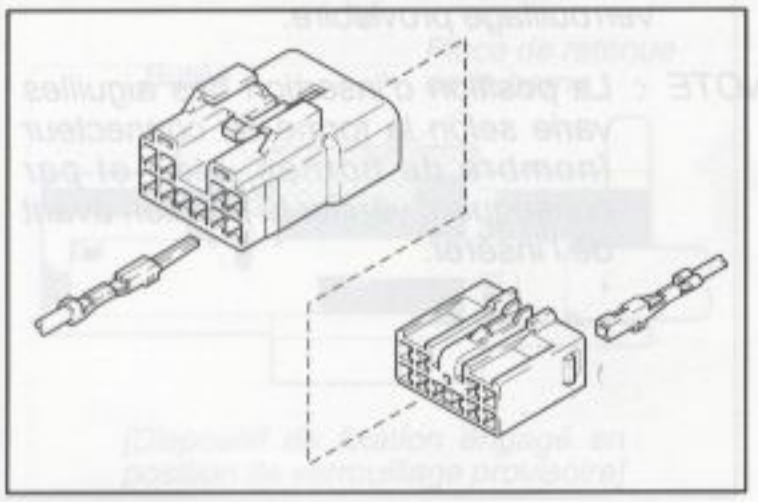
Type avec lequel il est impossible de dégager au-delà de la position de verrouillage commandée; dans ce cas, insérer l'outil directement dans l'orifice d'accès de la pièce de retenue de la borne, comme indiqué sur l'illustration.



Appuyer sur le dispositif de fixation de cosses jusqu'à sa position de verrouillage provisoire.



(c) Relâcher la cosse de verrouillage à partir de la borne et tirer la borne vers l'extérieur à partir de l'arrière.

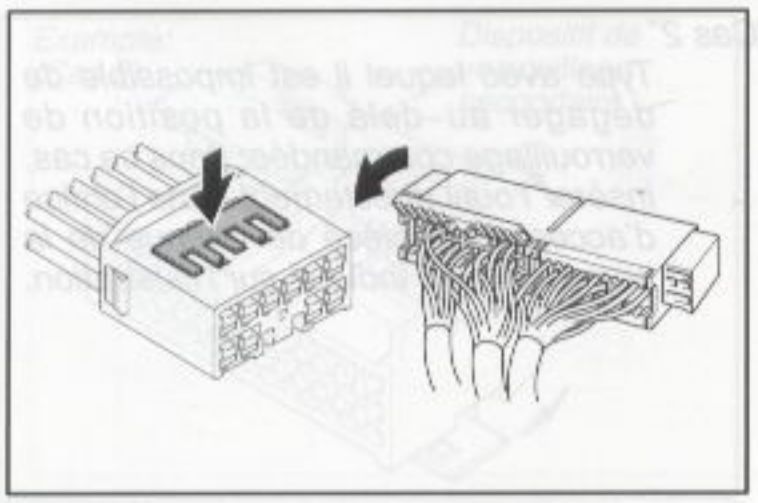


4. INSTALLER LA BORNE AU CONNECTEUR

(a) Insére la borne

NOTE:

1. *Veiller à ce que la borne soit positionnée correctement.*
2. *Insérer la borne jusqu'à ce que la cosse de verrouillage soit bloquée fermement.*
3. *Insérer la borne avec la pièce de retenue de la borne sur la position de verrouillage provisoire.*



(b) Pousser la pièce de retenue de la borne vers l'intérieur sur la position de verrouillage complet.

5. BRANCHER LE CONNECTEUR

ABREVIATIONS

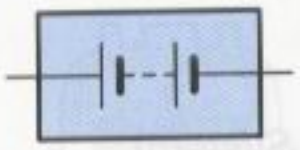
Les abréviations suivantes sont utilisées dans ce manuel.

ABS	=	Système antiblocage des freins (Anti-Lock Brake System)
A/C	=	Air conditionné (Air Conditioner)
A/T	=	Boîte-pont automatique (Automatic Transaxle)
COMB.	=	Combinaison (Combination)
DLC3	=	Bloc raccord de câblage de liaison de données 3 (Data Link Connector 3)
ECT	=	Boîte de vitesses sous contrôle électronique (Electronic Control Transmission)
ECU	=	Unité de commande électronique (Electronic Control Unit)
EFI	=	Injection d'essence électronique (Electronic Fuel Injection)
EVAP	=	Contrôle antipollution d'évaporation (Evaporative Emission)
ISC	=	Contrôle de régime ralenti (Idle Speed Control)
J/B	=	Bloc de jonction (Junction Block)
LH	=	Gauche (Left-Hand)
LHD	=	Conduite à gauche (Left-Hand Drive)
M/T	=	Boîte-pont mécanique (Manual Transaxle)
O/D	=	Vitesse surmultipliée (Overdrive)
PTC	=	Coefficient de température positif (Positive Temperature Coefficient)
R/B	=	Bloc relais (Relay Block)
RH	=	Droite (Right-Hand)
RHD	=	Conduite à droite (Right-Hand Drive)
SPEC.	=	Spécifications (Specification)
SRS	=	Système de retenue complémentaire (Supplemental Restraint System)
SW	=	Contacteur (Switch)
TEMP.	=	Température (Temperature)
U.K.	=	Royaume-Uni (United Kingdom)
VSV	=	Soupape de commutation à dépression (Vacuum Switching Valve)
w/	=	Avec (With)
w/o	=	Sans (Without)

* *Les titres qui sont mentionnés dans les organes sont les mêmes que ceux des bornes (codes de borne) et ne doivent pas être considérés comme des abréviations.*

E GLOSSAIRE DES TERMES ET SYMBOLES

BATTERIE



Stocke de l'énergie chimique et le convertit en énergie électrique. Fournit du courant continu pour les divers circuits électriques de la voiture.

CONDENSATEUR



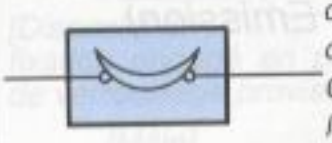
Un petit bloc de maintien pour l'accumulation provisoire de la tension électrique.

ALLUME-CIGARE



Elément à chauffage de résistance électrique.

DISJONCTEUR



Fondamentalement un fusible réutilisable, le disjoncteur se réchauffera et s'ouvrira si une quantité excessive s'écoule à travers. Certaines unités se réarment automatiquement lorsqu'elles se refroidissent, tandis que d'autres doivent être réarmées manuellement.

DIODE



Un semiconducteur qui permet le débit du courant dans une seule direction.

DIODE, ZENER



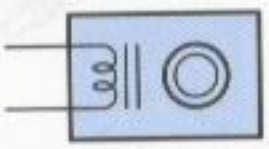
Une diode qui permet le débit du courant dans une direction mais bloque le débit inverse seulement jusqu'à une tension spécifique. Audessus de ce potentiel, il dépasse la tension d'excès. Fonctionne comme un simple régulateur de tension.

PHOTODIODE



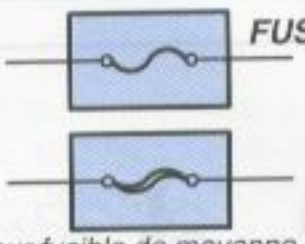
La photodiode est un semi-conducteur qui régularise le courant élélectrique en fonction de la quantité de lumière.

DISTRIBUTEUR, IIA



Achemine le courant de haute tension de la bobine d'allumage vers les bougies d'allumage individuelles.

FUSIBLE



Une bande métallique mince qui grille lorsqu'une quantité excessive de courant s'écoule à travers, interrompant alors le débit du courant et protégeant le circuit contre tout endommagement.

(pour fusible de moyenne intensité)

LAME FUSIBLE



Un fil de gros calibre placé dans des circuits d'ampérage élevé qui grille en cas de surcharges, protégeant ainsi les circuit.

(pour fusible à haute intensité ou élément fusible)

MISE A LA TERRE



Le point sur lequel les câbles sont attachés à la carrosserie, fournissant ainsi une chemin de retour pour un circuit électrique; sans une mise à la terre, le courant ne peut pas s'écoule.

PHARES

1. UN FILAMENT



Le débit du courant cause le réchauffement du filament du phare et l'émission de lumière. Un phare peut présenter un (1) filament ou deux (2) filaments.

2. DEUX FILAMENTS

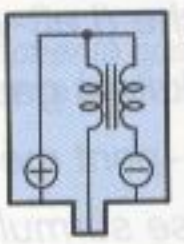


KLAXON



Un dispositif électrique qui produit un signal audible assez fort.

BOBINE D'ALLUMAGE



Convertit le courant continu de basse tension en courant d'allumage de haute tension pour allumer les bougies.

LAMPE



Le débit de courant à travers un filament cause le réchauffement du filament et l'émission de lumière.

DEL (DIODE ELECTROLUMINESCENTE)



Lorsque le débit du courant s'établit, ces diodes émettent de la lumière sans produire la chaleur d'une lampe comparable.

COMPTEUR ANALOGIQUE



Le débit de courant active une bobine magnétique qui cause le déplacement d'une aiguille, fournissant ainsi un affichage relatif devant un étalonnage de fond.

COMPTEUR NUMERIQUE



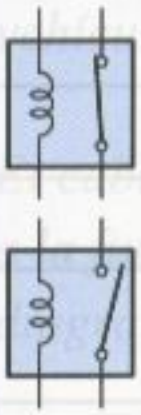
Le débit du courant active une ou plusieurs DEL, affichages à cristaux liquides, ou affichages fluorescents, qui fournissent un affichage numérique ou relatif.

MOTEUR



Une unité de puissance qui convertit l'énergie électrique en énergie mécanique, surtout en mouvement de rotation.

RELAIS

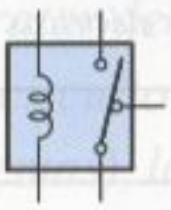


1. FERME NORMALEMENT

2. OUVERT NORMALEMENT

Fondamentalement un contacteur à actionnement électrique qui peut être normalement fermé (1) ou ouvert (2). Le débit de courant à travers une petite bobine produit un champ magnétique qui ouvre ou ferme un contacteur connecté.

RELAIS A DEUX COURSES



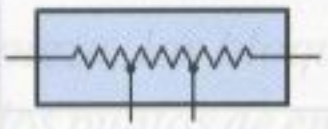
Un relais qui fait écouler le courant à travers un jeu de contacts ou l'autre.

RESISTANCE



Un composant électrique avec une résistance fixe, placé dans un circuit pour réduire la tension à une valeur spécifique.

RESISTANCE A PRISES



Une résistance qui fournit deux ou davantage de valeurs de résistances non réglables différentes.

RESISTANCE VARIABLE ou RHEOSTAT



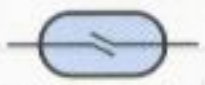
Une résistance pouvant être contrôlée avec un taux variable de résistance. S'appelle également un potentiomètre ou rhéostat.

CAPTEUR (thernmistance)



Une résistance qui varie sa valeur de résistance avec la température.

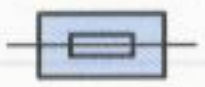
CAPTEUR DE VITESSE



(Type à commutateur à lames)

Utilise des impulsions magnétiques pour ouvrir et fermer un contacteur afin de créer un signal pour activer les autres composants.

FICHE DE COURT-CIRCUIT



S'utilise pour fournir une connexion non brisée dans une boîte de dérivation.

SOLENOIDE



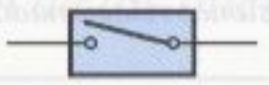
Une bobine électromagnétique qui produit un champ magnétique lorsque le courant s'écoule, pour faire déplacer un plongeur, etc.

HAUT-PARLEUR

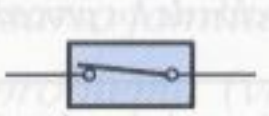


Un dispositif électromécanique qui produit des ondes sonores à partir du débit de courant.

CONTACTEUR, MANUEL



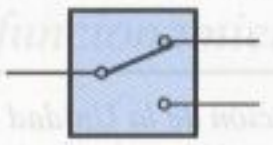
1. OUVERT NORMALEMENT



2. FERME NORMALEMENT

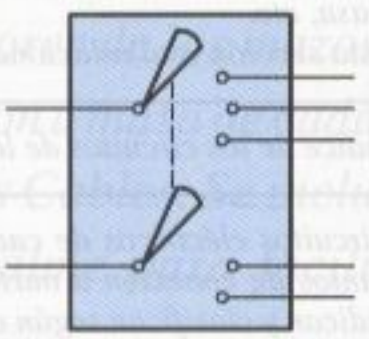
Ouvre et ferme les circuits, interrompant (1) ou permettant (2) le débit de courant.

CONTACTEUR A DEUX COURSES



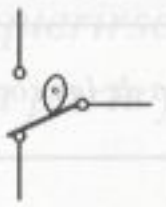
Un contacteur qui fait passer le courant de facon continue à travers un jeu de contacts ou l'autre.

CONTACTEUR D'ALLUMAGE



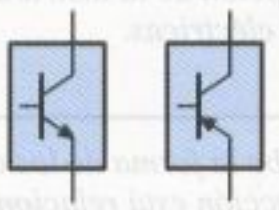
Un contacteur à actionnement pas clé avec plusieurs positions qui permettent aux divers circuits, et en particulier au circuit d'allumage primaire, de s'activer.

CONTACTEUR D'ARRET D'ESSUIE-GLACE



Remet les essuie-glaces sur la position d'arrêt lorsque le contacteur des essuies-glace est coupé.

TRANSISTOR

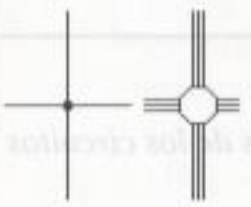


Un dispositif à état solide qui s'utilise généralement comme relais électronique; interrompt ou fait passer le courant selon la tension appliquée à la "bace".

FILS



(1) NON CONNECTES



(2) A EPISSURE

Les fils sont toujours dessinés en ligne droite sur les schéma de câblage. Les fils croisés (1) sans un point noir à la jonction ne sont pas joints. Les fils croisés (2) avec un point noir ou une marque octogonale (◯) à la jonction sont des connexions (jointes) à épissure.

A INTRODUCCION

Este manual consta de las siguientes 14 secciones:

Número	Sección	Descripción
A	INDICE	Indice el contenido de este manual.
	INTRODUCCION	Breve axplicación de cada sección.
B	COMO UTILIZAR ESTE MANUAL	Instrucciones relacionadas con el uso este manual.
C	LOCALIZACION DE AVERIAS	Descripción de los procedimientos de inspección básicos para los circuitos eléctricos.
D	ABREVIATURAS	Definiciones de las abreviaturas utilizadas en este manual.
E	GLOSARIO DE TERMINOS Y SIMBOLOS	Definiciones de los símbolos y funciones de las partes principales.
F	UBICACION DE LOS RELES	Indicación de la Unidad de Control Electrónico, los Relés, el Bloque de Relés, etc. Esta sección está relacionada con el circuito del sistema.
G	RECORRIDO DE LOS CABLES ELECTRICOS	Descripción de los conectores de piezas, puntos de empalme, puntos de conexión a masa, etc. Esta sección está relacionada con el circuito del sistema.
H	INDICE	Indice de los circuitos de los sistemas.
	CIRCUITOS DE SISTEMAS	Circuitos eléctricos de cada sistema indicados desde la fuente de alimentación hasta los puntos de conexión a masa. Las conexiones del cableado y las respectivas posiciones se indican y clasifican según el método de conexión. (Vea la sección "COMO UTILIZAR ESTE MANUAL"). Esta sección asimismo contiene las secciones de "Descripción del sistemas" y "Consejos para el servicio" que son sumamente útiles para la localización de aveías.
I	PUNTO DE CONEXION A MASA	indicación de las conexiones a masa de todas las piezas descritas en este manual.
J	FUENTE DE ALIMENTACION (Cuadro de flujo de corriente)	Descripción de la distribución de la alimentación desde la fuente hasta las diferentes cargas eléctricas.
K	LISTA DE CONECTORES	Describe la forma de los conectores para las piezas que aparecen en este libro. Esta sección está relacionada con el circuito del sistema.
L	INFORMACION DE CONECTORES	Indica la referencia (Vea la página) sobre el nombre de las partes correspondiente a su código y la posición para montar la carrocería.
M	NUMERO DE LAS PARTES DE CONECTORES	Se indica el número de las partes de los conectores utilizados en este manual.
N	DIAGRAMA DE CONEXIONES ELECTRICAS GENERAL	Diagramas de los circuitos con indicación de las conexiones.

Este manual proporciona informaciones acerca de los circuitos eléctricos de los vehículos, divididas según los diferentes circuitos de sistemas.

El cableado específico de cada circuito de sistema aparece desde el punto de conexión a la fuente de alimentación de la batería hasta el punto de conexión a masa. (Todos los diagramas de circuito aparecen en condición de los interruptores en la posición OFF.)

Al tratar de localizar un desperfecto, es necesario familiarizarse con el funcionamiento del circuito en el cual se ha detectado el problema (vea la sección de Circuitos de Sistemas), la fuente de alimentación del circuito (vea la sección Fuente de Alimentación) y los puntos de conexión a masa (vea la sección Punto de Conexión a Masa). Vea la descripción del sistema para comprender el funcionamiento del circuito.

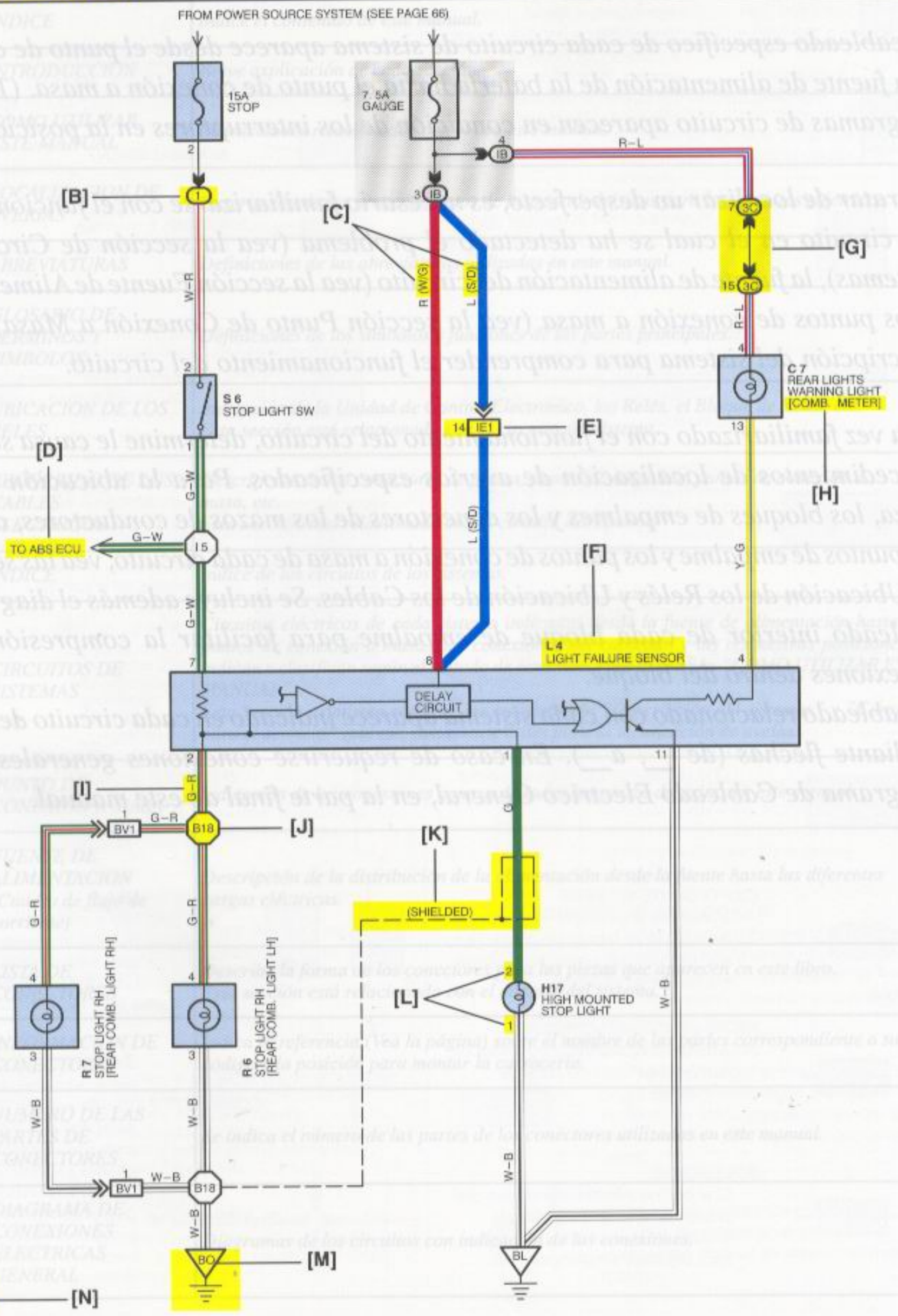
Una vez familiarizado con el funcionamiento del circuito, determine le causa según los procedimientos de localización de averías especificados. Para la ubicación de cada pieza, los bloques de empalmes y los conectores de los mazos de conductores, así como los puntos de empalme y los puntos de conexión a masa de cada circuito, vea las secciones de Ubicación de los Relés y Ubicación de los Cables. Se incluye además el diagrama de cableado interior de cada bloque de empalme para facilitar la compresión de las conexiones dentro del bloque.

El cableado relacionado con cada sistema aparece indicado en cada circuito de sistema mediante flechas (de __, a__). En caso de requerirse conexiones generales, vea el Diagrama de Cableado Electrico General, en la parte final de este manual.

[A]

STOP LIGHT

* *El sistema aquí mostrado es SOLO UN EJEMPLO. Es distinto del circuito real mostrado en la SECCION DE CIRCUITOS DEL SISTEMA.*



[A] : *Título del sistema*

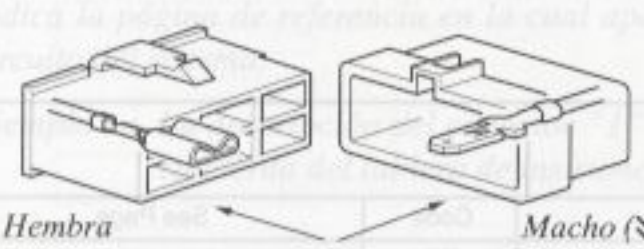
[B] : *Indica un bloque de relés. N.° se utiliza sombreado y se indica sólo el número del bloque de relés para distinguirlo del bloque de empalme*

Ejemplo: (1) *indica Bloque de Relés N.°1*

[C] : *( ) se utiliza para indicar diferentes cableados, conectores, etc. en caso de modelo de vehículo, tipo de motor o especificaciones diferentes.*

[D] : *Indica un sistema relacionado.*

[E] : *Indica el mazo de conductores y el conector del mazo de conductores. El mazo de conductores con el terminal macho es indicado mediante las flechas (»).*
Las cifras exteriores corresponden al número de clavijas.



Hembra *Macho (»)*

La primera letra del código para cada mazo de conductores y conectores de mazo de conductores indica la ubicación del componente, por ejemplo "E" es para el compartimiento del motor, "I" para el tablero de instrumentos y área circundante, y "B" para la carrocería y área cincurdante. Cuando más de un código tiene la primera y segunda letras en común, seguidas de números (por ej. IH1, IH2) indica el mismo tipo de mazo de conductores y conector de mazo de conductores.

[F] : *Representa una pieza (todas son indicadas en celeste). El código es el mismo que el utilizado para la ubicación de la pieza.*

[G] : *Bloque de empalme. (El número dentro del círculo es el número del bloque de empalme, y el código del conector aparece junto al mismo.) Los bloques de empalme aparecen sombreados para distinguirlos fácilmente de otras piezas.*

Ejemplo:



3C indica que está dentro del bloque de empalme N.°3

[H] : *Cuando 2 piezas utilizan el mismo conector en común, en nombre de las piezas utilizadas en la sección del cableado aparece entre paréntesis cuadrados [ ].*

[I] : *Indica el color del cable.*

Los colores de los cables se dan según los siguientes códigos alfabéticos.

B	= *Negro*	*W*	= *Blanco*	*BR*	= *Marrón*
L	= *Azul*	*V*	= *Violeta*	*SB*	= *Azul del cielo*
R	= *Rojo*	*G*	= *Verde*	*LG*	= *Verde Claro*
P	= *Rosado*	*Y*	= *Amarillo*	*GR*	= *Gris*
O	= *Anaranjado*				

La primera letra indica el color básico del cable y la segunda letra indica el color de la banda.

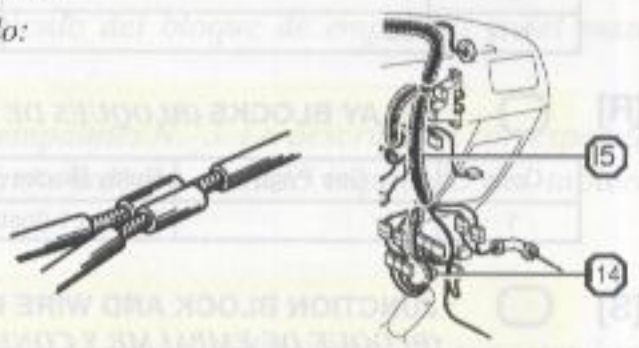
Ejemplo: *L - Y*



L – *Y*
(Azul) *(Amarillo)*

[J] : *Indica un punto de empalme de cables (los códigos son "E" para el interior del compartimiento del motor, "I" para el tablero de instrumentos y "B" para la carrocería.)*

Ejemplo:



La ubicación del punto de empalme I 5 es indicada mediante la sección sombreada.

[K] : *Indica mazo de conductores blindado.*



[L] : *Indica el número de clavijas del conector. El sistema de numeración es diferente según se trate de un conector macho o de un conector hembra.*

Ejemplo: *Numerados de arriba a la izquierda hacia abajo a la derecha* *Numerados de arriba a la derecha hacia abajo a la izquierda*



Hembra *Macho*

[M] : *Indica los PUNTOS de conexión a Masa.*

La primera letra del código de cada punto de tierra indica la ubicación del componente, por ejemplo "E" es para el compartimiento del motor, "I" para el tablero de instrumentos y área circundante, y "B" para la carrocería y área cincurdante.

[N] : *N.° de página*

[O] SYSTEM OUTLINE *(DESCRIPCION DEL SISTEMA)*

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop light SW.
When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

STOP LIGHT DISCONNECTION WARNING

When the ignition SW is turned on and the brake pedal is pressed (Stop light SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.
As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P] SERVICE HINTS *(CONSEJOS PARA EL SERVICIO)*

S6 STOP LIGHT SW

2–1 : Closed with the brake pedal depressed

L4 LIGHT FAILURE SENSOR

1, 2, 7–GROUND : Approx. **12** volts with the stop light SW on
4, 8–GROUND : Approx. **12** volts with the ignition SW at **ON** position
11–GROUND : Always continuity

[Q] ○ : PARTS LOCATION *(UBICACION DE LAS PIEZAS)*

Code	See Page	Code	See Page	Code	See Page
C7	34	L4	36	R7	37
H17	36	R6	37	S6	35

[R] ▭ : RELAY BLOCKS *(BLOQUES DE RELES)*

Code	See Page	Relay Blocks (Relay Block Location)
1	18	R/B No.1 (Instrument Panel Left)

[S] ▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTON *(BLOQUE DE EMPALME Y CONECTOR DE MAZO DE CONDUCTORES)*

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3C	22	Instrument Panel Wire and J/B No.3 (Instrument Panel Left Side)

[T] ▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS *(MAZO DE CONDUCTORES DE UNION DE CONECTORES Y MAZO DE CONDUCTORES)*

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	42	Floor Wire and Instrument Panel Wire (Left Kick Panel)
BV1	50	Luggage Room Wire and Floor Wire (Luggage Compartment Left)

[U] ▽ : GROUND POINTS *(PUNTOS DE CONEXION A MASA)*

Code	See Page	Ground Points Location
BL	50	Under the Left Quarter Pillar
BO	50	Back Panel Center

[V] ⬡ : SPLICE POINTS *(PUNTOS DE EMPALME)*

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	44	Cowl Wire	B18	50	Luggage Room Wire

[O] : *Descripción del sistema.*

[P] : *Indica valores o explica la función para referencia durante la localización de averías.*

[Q] : *Indica la página de referencia en la cual aparece la ubicación en el vehículo de las piezas del circuito del sistema.*

Ejemplo : Pieza "L4" (Sensor de fallo de las luces) en la página 36 de este manual.

** La letra en el código es la primera letra de la pieza y el número indica el orden de las piezas que comienzan con tal letra.*

Ejemplo: L 4
La pieza es la 4
Sensor de fallo de las luces

[R] : *Indica la página de referencia en la cual aparece la ubicación en el vehículo de los conectores del bloque de relés en el circuito del sistema.*

Ejemplo : La descripción del conector "1" aparece en la página 18 de este manual y el mismo está instalado en la parte izquierda del tablero de instrumentos.

[S] : *Indica la página de referencia en la cual aparece la ubicación en el vehículo del bloque de empalmes y del mazo de conductores en el circuito del sistema.*

Ejemplo : El conector "3C" conecta el cable de torpedo con el bloque de empalmes N.°3. La descripción correspondiente aparece en la página 22 de este manual y el mismo está instalado en el lado izquierdo del tablero de instrumentos.

[T] : *Indica la página de referencia en la cual se describe el mazo de conductores y el conector del mismo (el conector hembra se describe primero y despues se describe el conector macho.)*

Ejemplo : El conector "IE1" conecta el cable de la puerta derecha delantera (hembra) y el cable de torpedo (macho). La descripción correspondiente aparece en la página 42 de este manual y el mismo está instalado en el lado derecho de la caja pedalera.

[U] : *Indica la página de referencia en la cual aparece la ubicación de los puntos de conexión a masa en la carrocería del vehículo.*

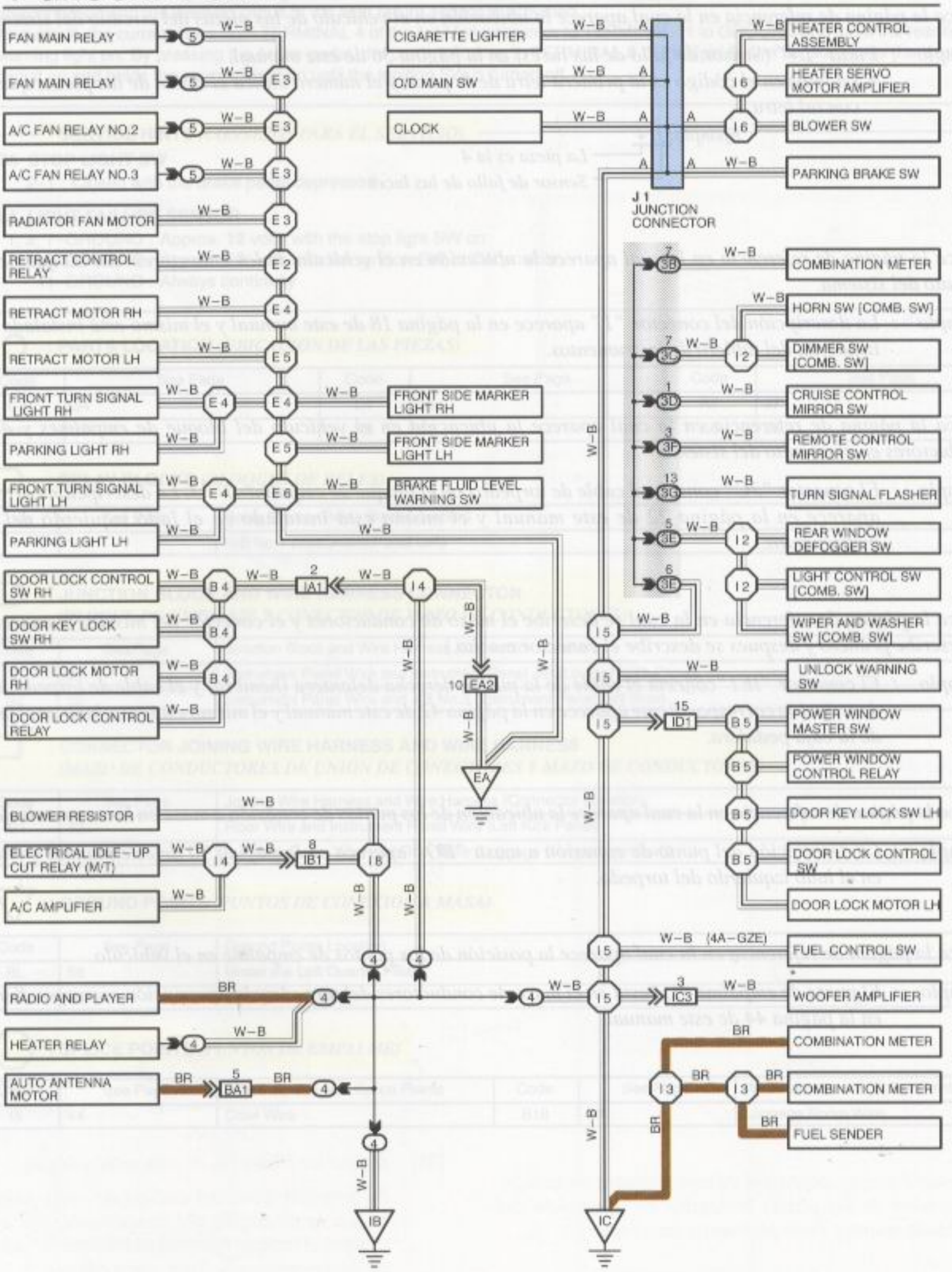
Ejemplo : La descripción del punto de conexión a masa "BO" aparece en la página 50 de este manual y el mismo está en el lado izquierdo del torpedo.

[V] : *Indica la página de referencia en la cual aparece la posición de los puntos de empalme en el vehículo.*

Ejemplo : El punto de empalme "I5" está en el mazo de conductores del torpedo y la descripción correspondiente aparece en la página 44 de este manual.

El diagrama del circuito de los puntos de conexión a masa indica las conexiones a masa de todas las piezas principales a los respectivos puntos de masa. Durante la localización de averías por fallas de conexión a masa, puede resultar útil examinar los sistemas que tienen una conexión a masa en común para identificar rápidamente el problema. La relación entre los puntos de conexión a masa (EA, IB *y* IC *indicada más abajo) asimismo puede verificarse de esta manera.*

I GROUND POINT



* *El sistema aquí mostrado es SOLO UN EJEMPLO. Es distinto del circuito real mostrado en la SECCION DE CIRCUITOS DEL SISTEMA.*

La sección del "Cuadro de Flujo de Corriente" describe las piezas (fusibles, eslabones fusibles y ruptores) que reciben corriente. En el diagrama del circuito de fuente de alimentación, se explican las condiciones cuando se suministra la alimentación desde la batería a cada sistema. Ya que todos los circuitos de sistema comienzan desde la fuente de alimentación, es necesario comprender perfectamente el sistema de alimentación.

J POWER SOURCE (Current Flow Chart)

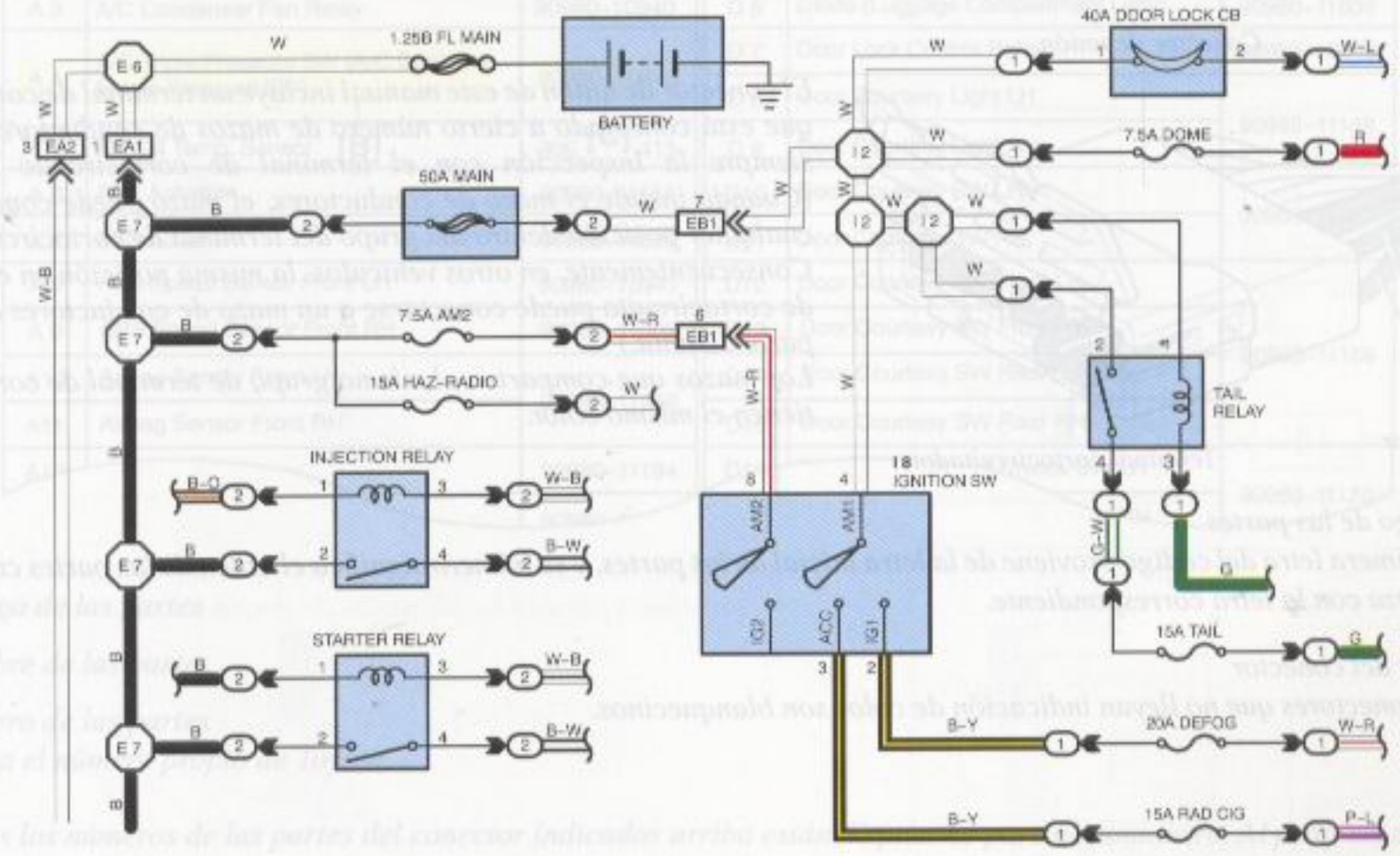
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.



Engine Room R/B (See Page 20)

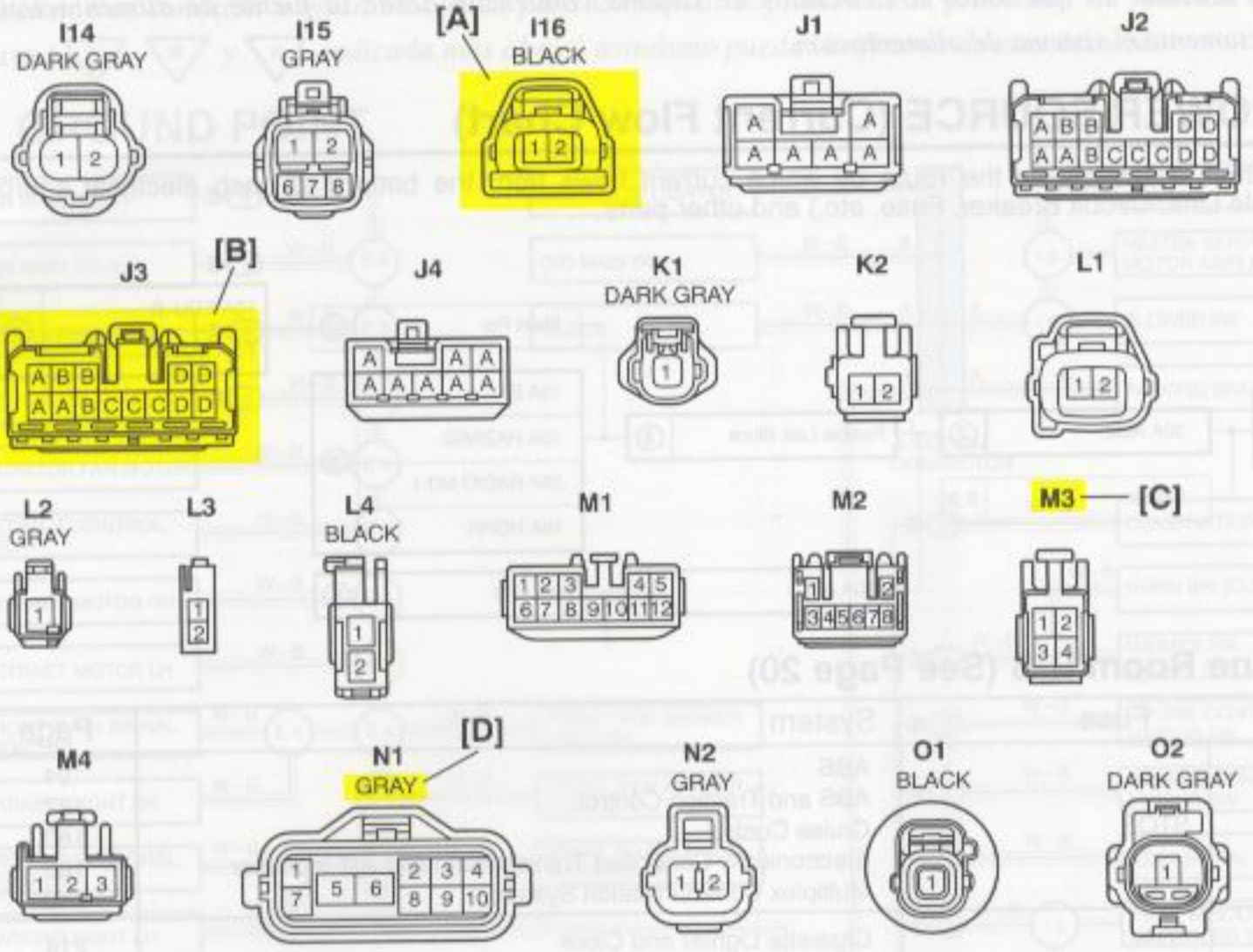
Fuse		System	Page
20A	STOP	ABS	194
		ABS and Traction Control	187
		Cruise Control	180
		Electronically Controlled Transmission and A/T Indicator	166
		Multiplex Communication System	210
10A	DOME	Cigarette Lighter and Clock	214
		Combination Meter	230
		Headlight	112
		Interior Light	122
		Key Reminder and Seat Belt Warning	
		Light Auto Turn Off	
		Theft Deterrent and Door	

POWER SOURCE



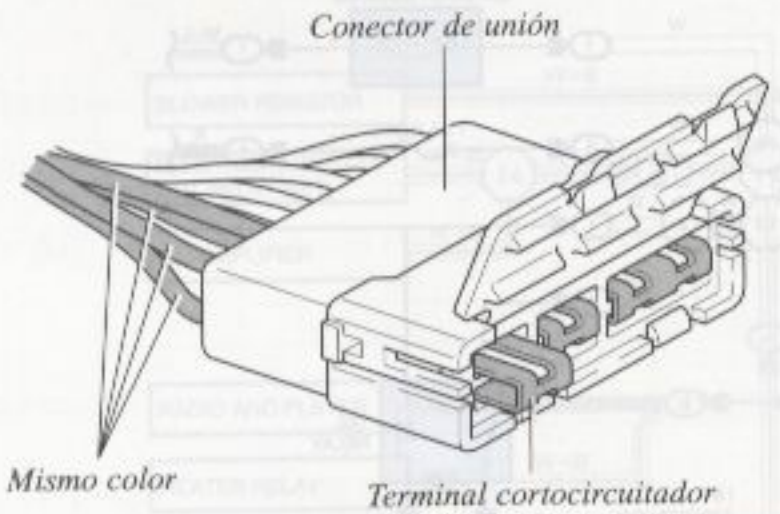
* *El sistema aquí mostrado es SOLO UN EJEMPLO. Es distinto del circuito real mostrado en la SECCION DE CIRCUITOS DEL SISTEMA.*

K CONNECTOR LIST



[A] : *Indica el conector que debe conectarse a una pieza. (la cifra indica el número de clavijas del conector)*

[B] : *Conector de unión*
Indica el conector que está conectado con el terminal cortocircuitador.



El conector de unión de este manual incluye un terminal de cortocircuito que está conectado a cierto número de mazos de conductores. Efectúe siempre la inspección con el terminal de cortocircuito instalado. (Cuando instale el mazo de conductores, el mazo puede conectarse en cualquier posición dentro del grupo del terminal de cortocircuito. Consecuentemente, en otros vehículos, la misma posición en el terminal de cortocircuito puede conectarse a un mazo de conductores desde una parte distinta.)
Los mazos que comparten el mismo grupo de terminal de cortocircuito tienen el mismo color.

[C] : *Código de las partes*
La primera letra del código proviene de la letra inicial de las partes, y su número significa el orden de las partes cuyo nombre empieza con la letra correspondiente.

[D] : *Color del conector*
Los conectores que no llevan indicación de color son blanquecinos.

L INFORMACION DE CONECTORES

Código	Vea la página	Nombre de las partes
A 1	20 (LHD 4A-FE)	Motor del ventilador del condensador del A/C
	22 (LHD 4E-FE)	
	30 (RHD 4A-FE)	
	32 (RHD 4E-FE)	
A 2	20 (LHD 4A-FE)	Embrague magnético del A/C
	30 (RHD 4A-FE)	
A 3 [A]	20 (LHD 4A-FE) — [B]	Embrague magnético del A/C y sensor de bloqueo del A/C [C]
	22 (LHD 4E-FE)	
	30 (RHD 4A-FE)	
	32 (RHD 4E-FE)	
A 4	20 (LHD 4A-FE)	Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)
	22 (LHD 4E-FE)	

Código	Vea la página	Nombre de las partes
D 4	24 (LHD)	Diodo (O/D)
	34 (RHD)	
D 5	24 (LHD)	Receptor de control de la puerta
	34 (RHD)	
D 6	34 (RHD)	Relés de control de bloqueo de la puerta
D 7	24 (LHD)	Interruptor de control de bloqueo de la puerta
	34 (RHD)	
D 8	26 (LHD S/D)	Diodo (cortesía de la puerta)
	28 (LHD W/G)	
	36 (RHD S/D)	
	38 (RHD W/G)	
		...iebla trasera)

[A] : *Código de las partes*

[B] : *Vea la página*
Indica la referencia sobre el circuito del sistema que señala la posición para montar la carrocería.

[C] : *Nombre de las partes*

M PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980-11070
A 2	A/C Condenser Fan Motor	90980-11237
A 3	A/C Condenser Fan Relay	90980-10940
A 4 [A]	A/C Triple Pressure SW (A/C Dual and Single Pressure SW) [B]	90980-10943 [C]
	A/T Oil Temp. Sensor	909 413
A 6	ABS Actuator	90980-11151
A 7	ABS Actuator	90980-11009
A 8	ABS Speed Sensor Front LH	90980-10941
A 9	ABS Speed Sensor Front RH	90980-11002
A10	Airbag Sensor Front LH	90980-11856
A11	Airbag Sensor Front RH	
A12		90980-11194
		90980-

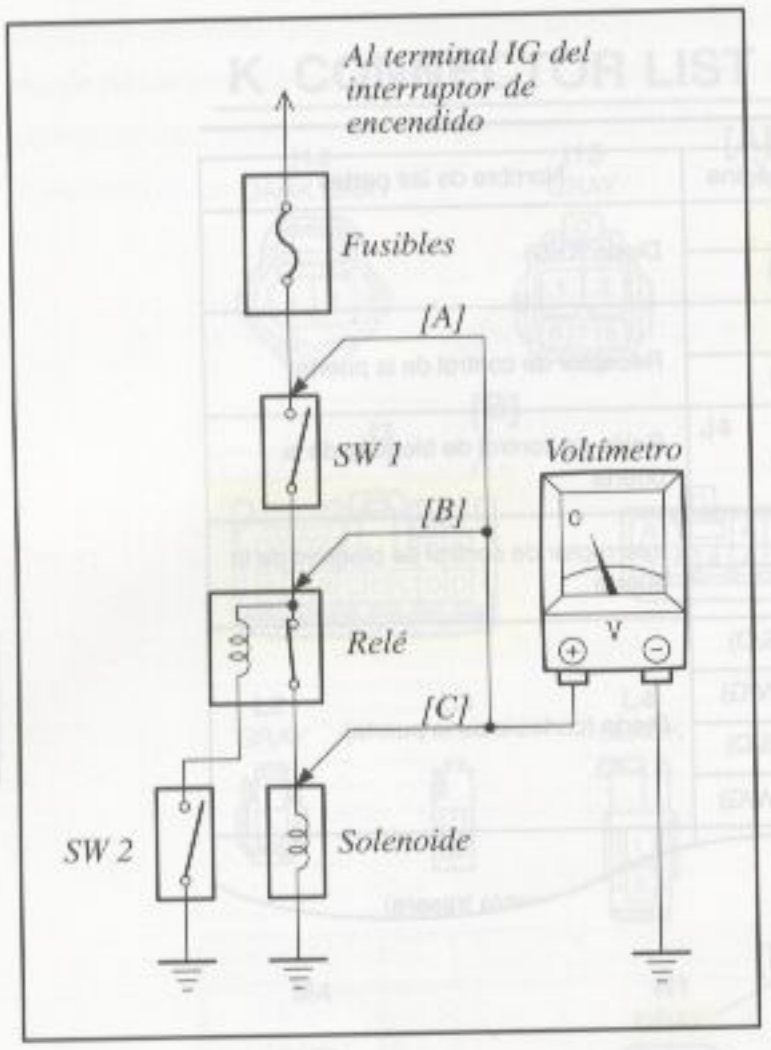
Code	Part Name	Part Number
D 4	Diode (Door Courtesy Light)	90980-11608
D 5	Diode (Key Off Operation)	90980-10962
D 6	Diode (Luggage Compartment Light)	90980-11608
D 7	Door Lock Control Relay	90980-10848
D 8	Door Courtesy Light LH	90980-11148
D 9	Door Courtesy Light RH	
D10	Door Courtesy SW LH	90980-11097
D11	Door Courtesy SW RH	
D12	Door Courtesy SW Front LH	90980-11156
D13	Door Courtesy SW Front RH	
D14	Door Courtesy SW Rear LH	
D15	Door Courtesy SW Rear RH	
D16	...d Unlock SW LH	90980-11170
	...RH	

[A] : *Código de las partes*

[B] : *Nombre de las partes*

[C] : *Número de las partes*
Indica el número propio de Toyota.

No todos los números de las partes del conector indicados arriba están dispuestos para el suministro. Al pedir un conector o terminal con cable, asegúrese, de antemano, de que esté suministrado refiriéndose a "Parts Catalog News" (publicado por el Departamento Administrativo de Ingeniería de las Partes).



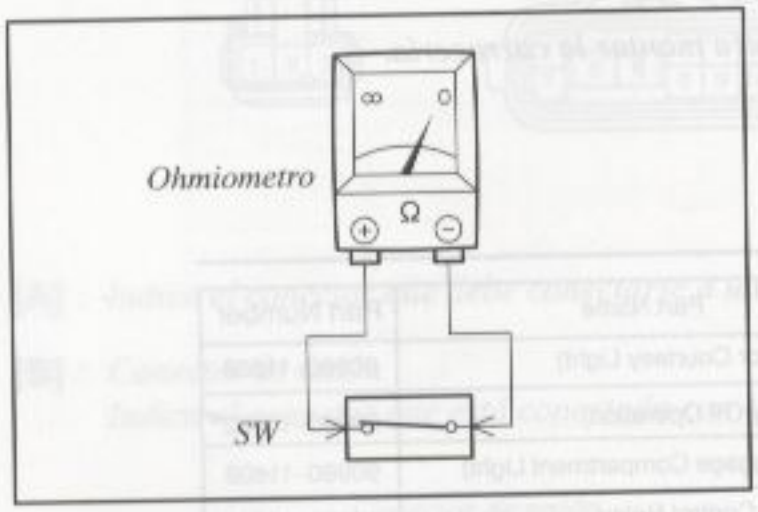
VERIFICACION DE LA TENSION

(a) *Establezca las condiciones en las cuales la tensión debe llegar al punto en el cual debe efectuar la verificación.*

Ejemplo:

[A] – Interruptor de encendido en la posición ON
[B] – Interruptor de encendido y SW 1 en la posición ON
[C] – Interruptor de encendido, SW 1 y relé en ON (SW 2 en OFF)

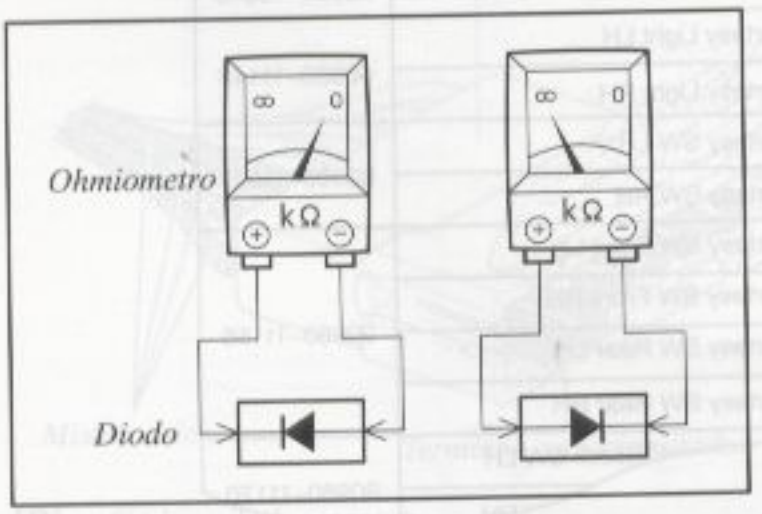
(b) *Utilizando un voltímetro, conecte el cable negativo de a un buen punto de conexión a masa o al borne negativo de la batería y el cable positivo al conector o al terminal del componente. Esta prueba puede efectuarse con una luz de prueba en lugar de un voltímetro.*



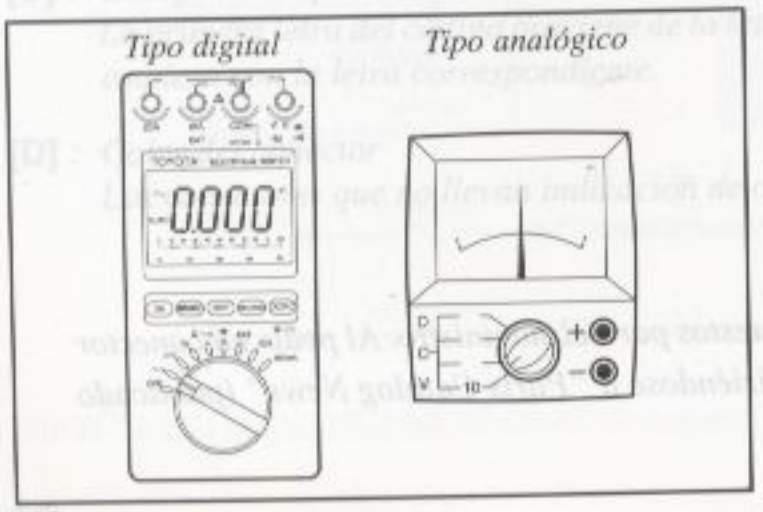
VERIFICACION DE LA CONTINUIDAD Y DE LA RESISTENCIA

(a) *Desconecte el cable del borne de la batería o el cable de manera que no haya tensión entre los puntos a verificar.*

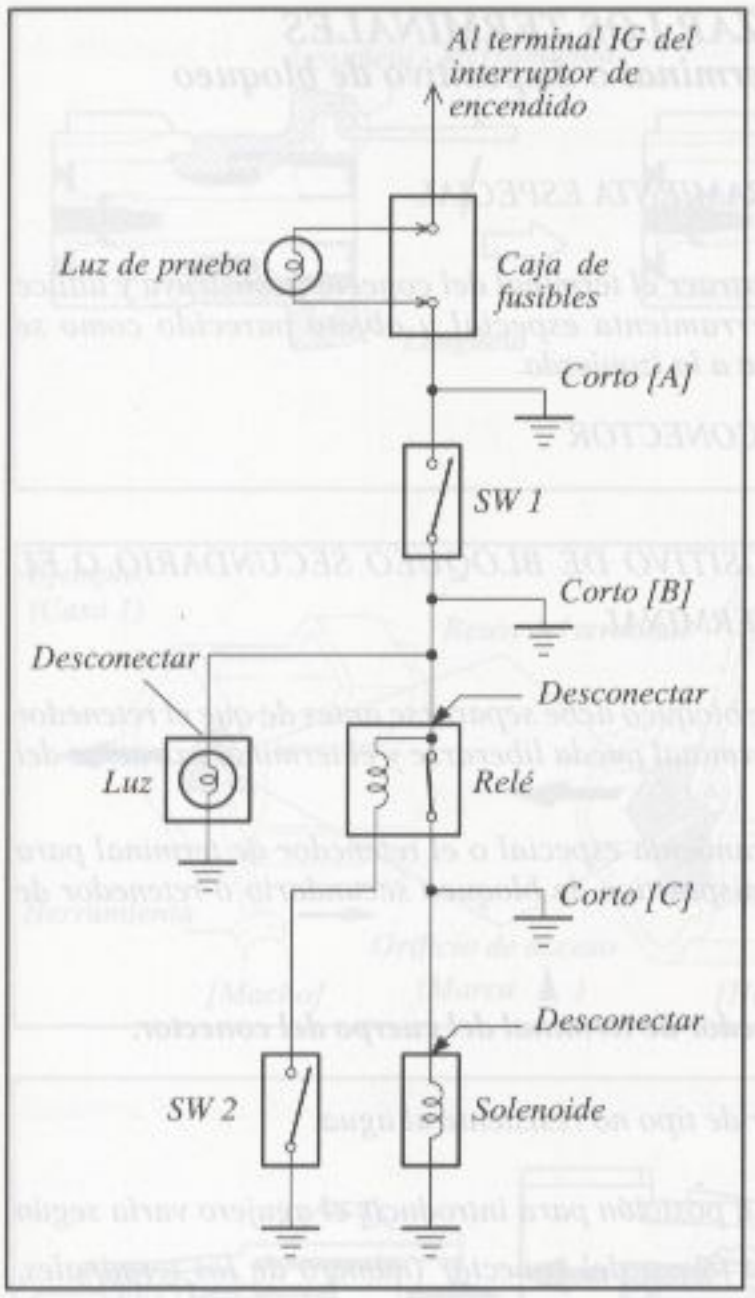
(b) *Conecte los dos cables de un ohmiometro a cada uno de los puntos a verificar.*



Si el circuito tiene diodos, conecte los cables en sentido contrario y vuelva a verificar.
Debe existir continuidad al conectar el cable negativo al lado positivo del diodo y el lado positivo al lado negativo del mismo.
No debe existir continuidad si se conectan los cables en sentido inverso.



(c) *Utilice un voltímetro/ohmiometro de alta impedancia (10k/V como mínimo) para la localización de averías en el circuito eléctrico.*



LOCALIZACION DE UN CORTOCIRCUITO

(a) Saque el fusible quemado y desconecte todas las cargas eléctricas.

(b) Conecte una luz de prueba en lugar del fusible.

(c) Establezca las condiciones necesarias para que la luz de prueba se encienda.

Ejemplo:

[A] - Interruptor de encendido en la posición ON
[B] - Interruptor de encendido y SW 1 en la posición ON
[C] - Interruptor de encendido, SW 1 y relé en ON (conecte el relé) y SW 2 en OFF (o SW 2 desconectado)

(d) Desconecte y vuelva a conector los conectores, observando la luz de prueba.
El cortocircuito está entre el conector en el cual la luz de prueba queda encendida y el conector en el cual se apaga.

(e) Para localizar la posición exacta del cortocircuito, sacuda ligeramente el cable defectuoso a lo largo de la carrocería.

PRECAUCION:

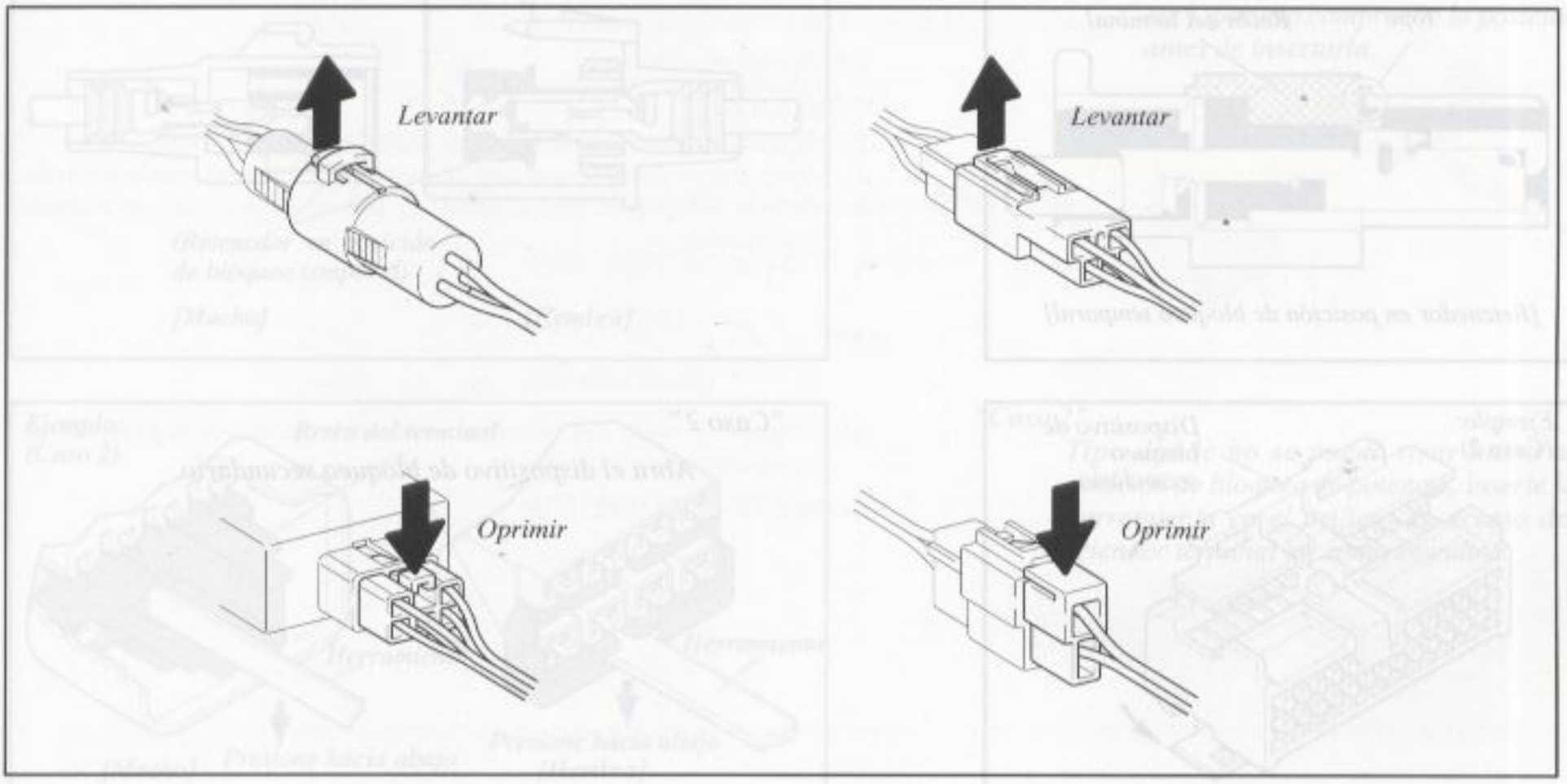
(a) Nunca abra la cubierta ni la caja de la ECU excepto en caso de que sea absolutamente necesario. (Si se tocan los terminales de los circuitos impresos, los circuitos pueden resultar dañados por la electricidad estática.)

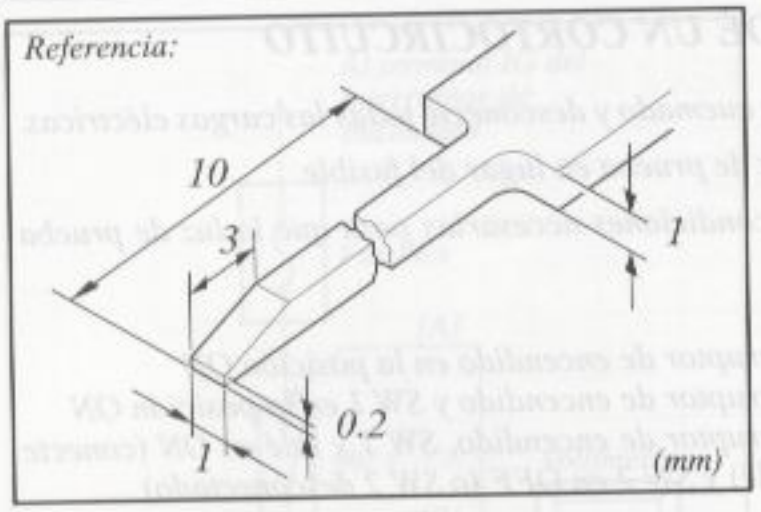
(b) Al reemplazar el mecanismo interno (parte de ECU) del medidor digital, asegúrese de que ninguna parte de su cuerpo ni ropa toque los terminales de conductores de IC, etc., de la parte de reemplazo (parte de repuesto).

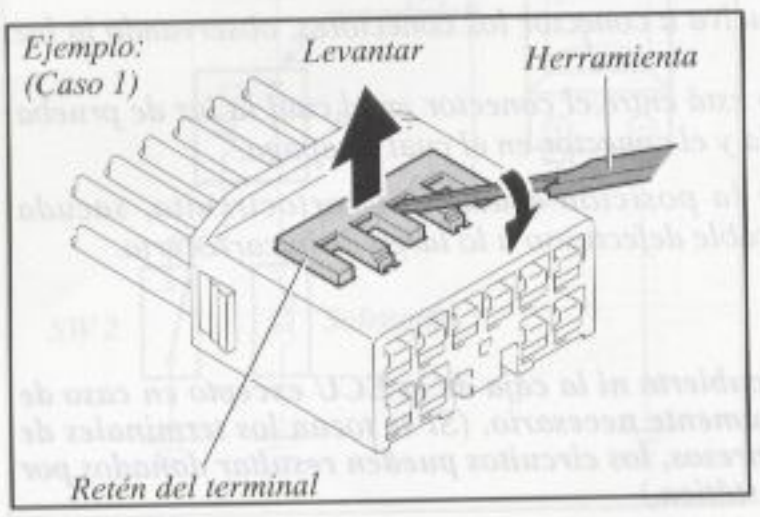
DESCONEXION DE LOS CONECTORES MACHO Y HEMBRA

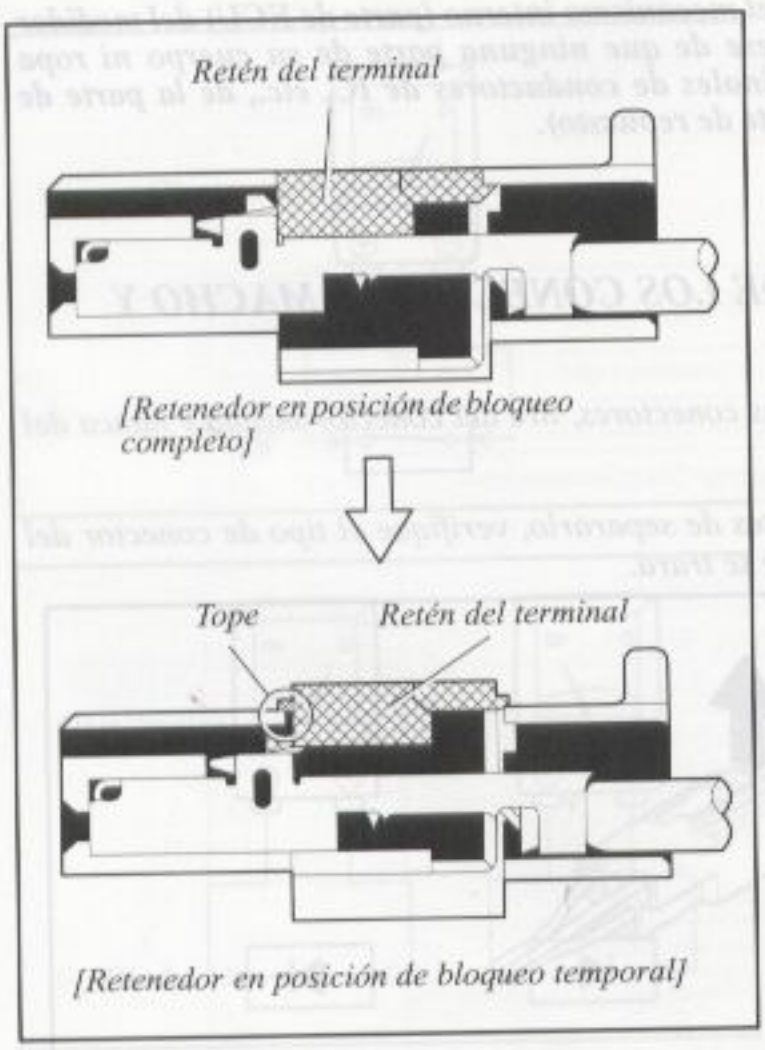
Para separar los conectores, tire del conector mismo y nunca del cable.

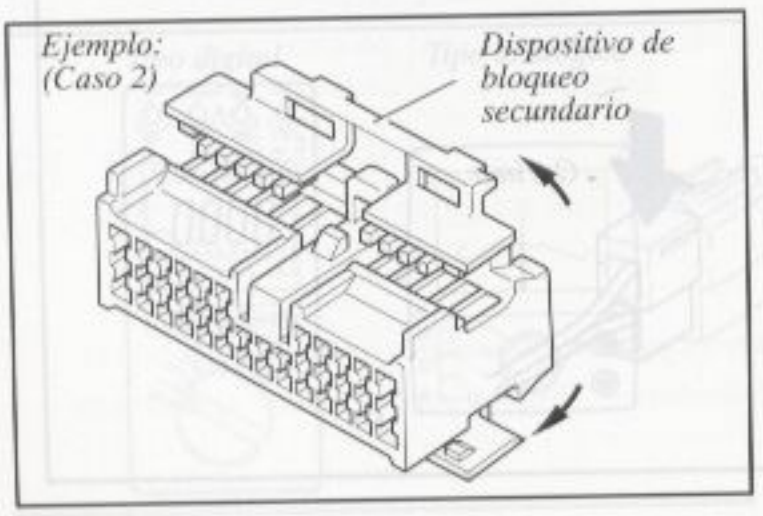
CONSEJO : Antes de separarlo, verifique el tipo de conector del que se trara.











COMO REEMPLAZAR LOS TERMINALES (Con retenedor de terminal o dispositivo de bloqueo secundario)

1. *PREPARE LA HERRAMIENTA ESPECIAL*

   CONSEJO : Para extraer el terminal del conector, construya y utilice una herramienta especial u objeto parecido como se muestra a la izquierda.

2. *DESCONECTE EL CONECTOR*

3. *SEPARE EL DISPOSITIVO DE BLOQUEO SECUNDARIO O EL RETENEDOR DE TERMINAL*

   (a) El dispositivo de bloqueo debe separarse antes de que el retenedor de bloqueo de terminal pueda liberarse y el terminal extraerse del conector.

   (b) Utilice una herramienta especial o el retenedor de terminal para desbloquear el dispositivo de bloqueo secundario o retenedor de terminal.

   AVISO:
   No extraiga el retenedor de terminal del cuerpo del conector.

   [A] Para conector de tipo no resistente al agua.

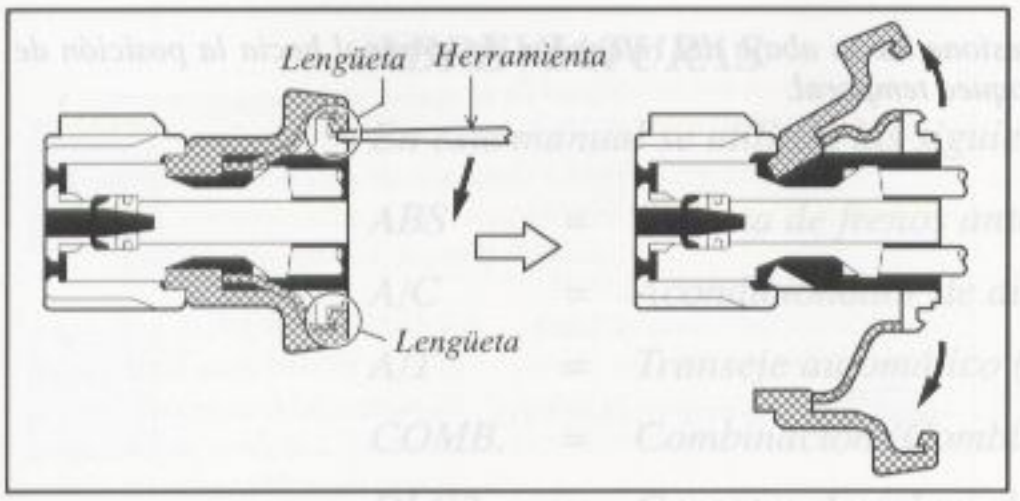
   CONSEJO : La posición para introducir el agujero varía según la forma del conector (número de los terminales, etc.), por lo que asegúrese de la posición antes de introducirlo.

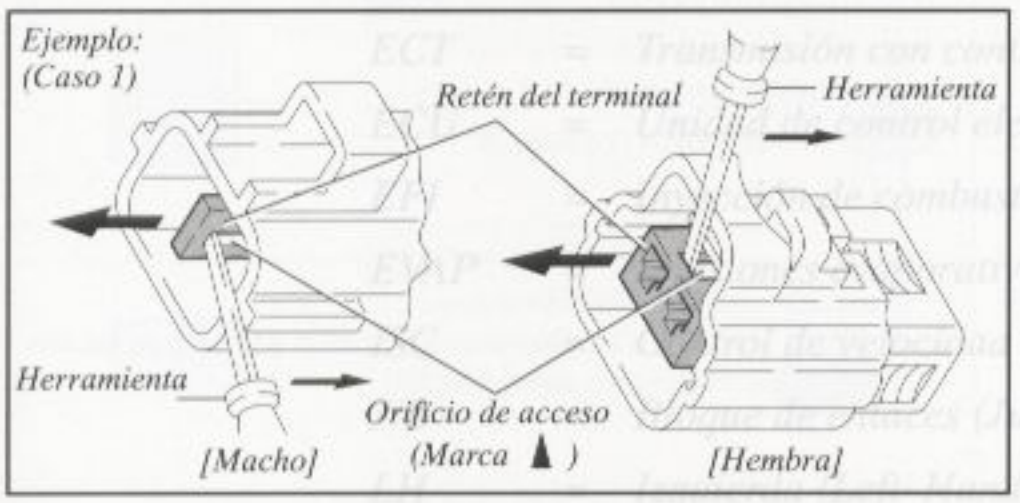
   "Caso 1"

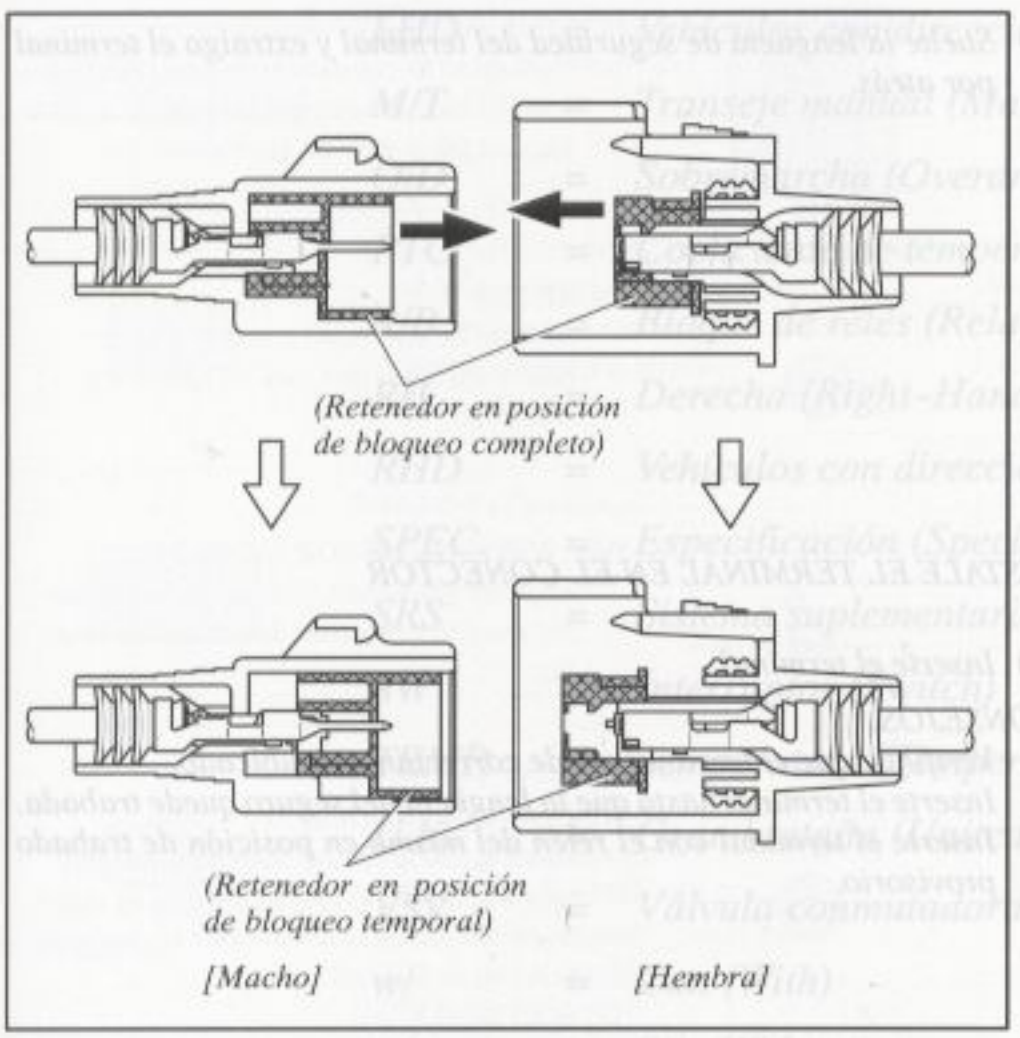
   Levante el retén del terminal colocándolo provisoriamente en la posición de asegurado.

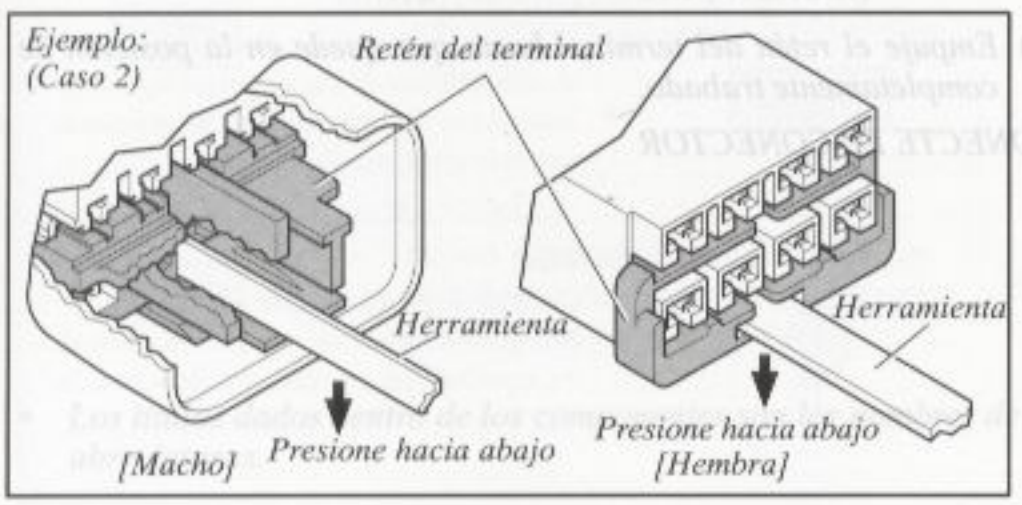
   "Caso 2"

   Abra el dispositivo de bloqueo secundario.









[B] Para conector de tipo resistente al agua

CONSEJO : El color del retenedor de terminal es diferente de acuerdo al cuerpo del conector.

Retenedor de terminal	*: Cuerpo del conector*
Negro o blanco	*: Gris*
Negro o blanco	*: Gris oscuro*
Gris o blanco	*: Negro*

"Caso 1"

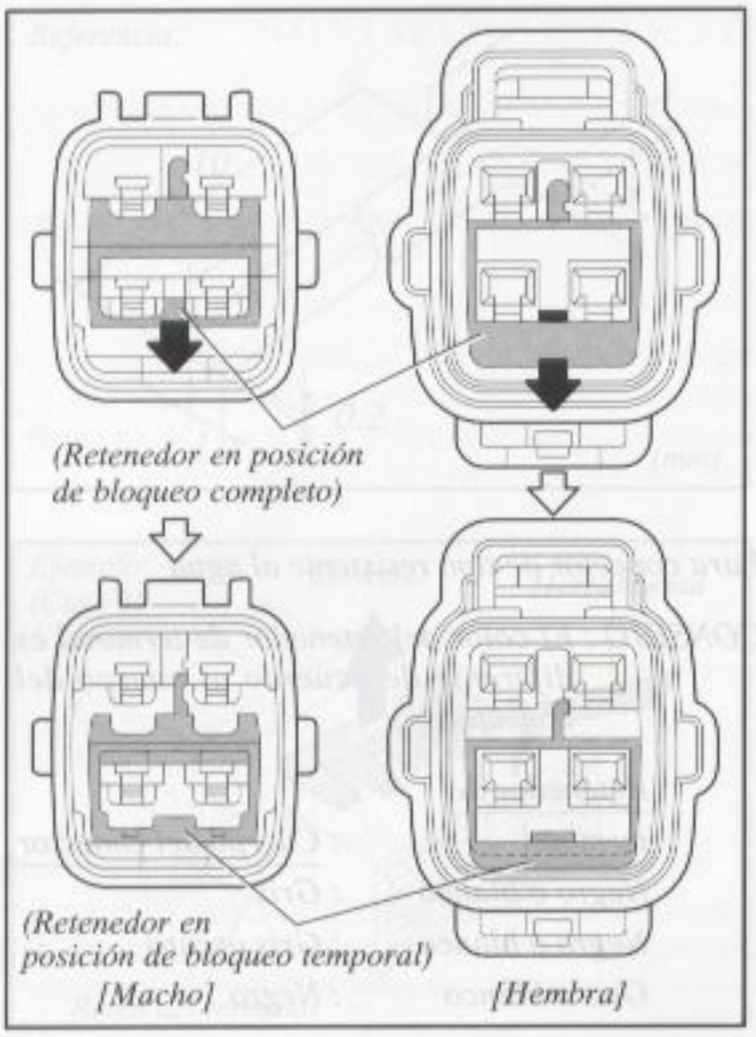
Tipo donde el retenedor de terminal se tira hacia arriba hacia la posición de bloqueo temporal (tipo de tiro).

Inserte la herramienta especial en el orificio de acceso del retenedor de terminal (marca ▲) y tire del retenedor de terminal hacia arriba hacia la posición de bloqueo temporal.

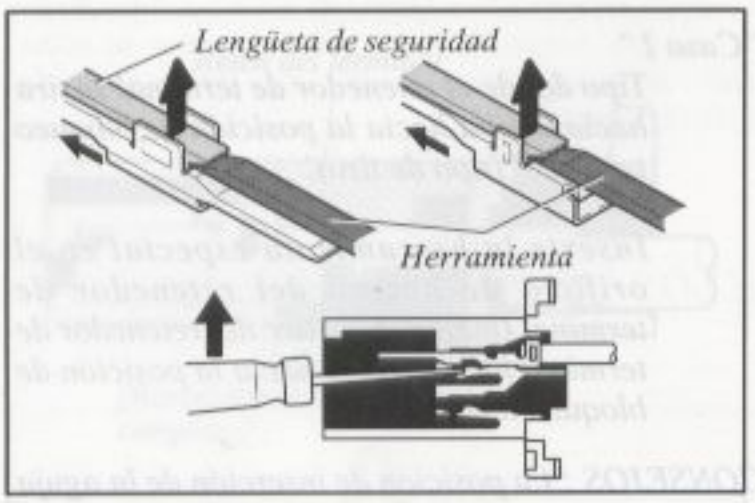
CONSEJOS : La posición de inserción de la aguja varia de acuerdo a la forma del conector (número de terminales, etc.), por eso compruebe la posición antes de insertarla.

"Caso 2"

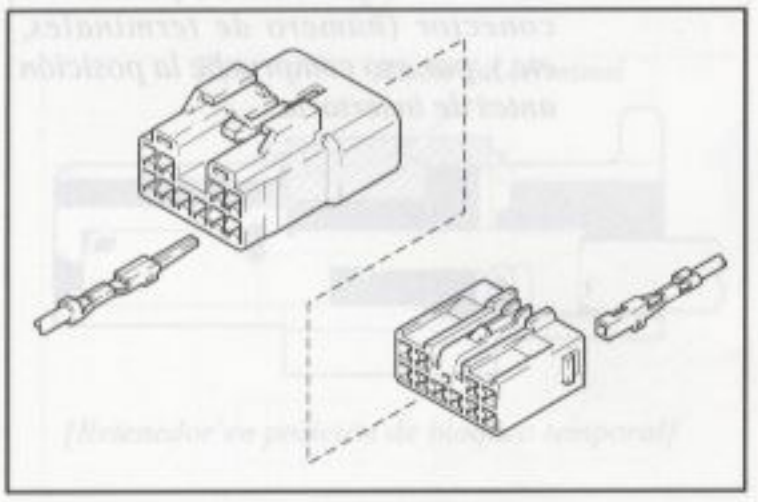
Tipo donde no se puede tirar hasta al posición de bloqueo de potencia, inserte la herramienta en el orificio de acceso del retendor terminal tal como se indica.



Presione hacia abajo del retenedor de terminal hacia la posición de bloqueo temporal.



(c) *Suelte la lengüeta de segurided del terminal y extraiga el terminal por atrás.*

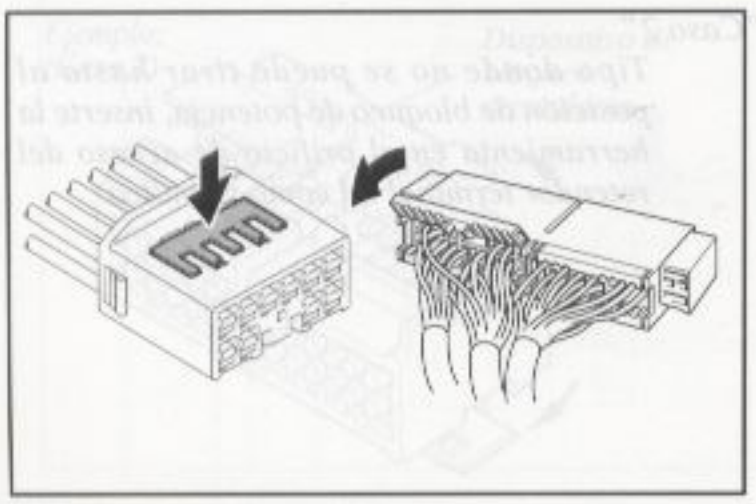


4. *INSTALE EL TERMINAL EN EL CONECTOR*

(a) *Inserte el terminal*

CONSEJOS:

1. *Verifique que el terminal quede correctamente ubicado.*
2. *Inserte el terminal hasta que la lengüeta del seguro quede trabada.*
3. *Inserte el terminal con el retén del mismo en posición de trabado provisorio.*



(b) *Empuje el retén del terminal hasta que quede en la posición de completamente trabado.*

5. *CONECTE EL CONECTOR*

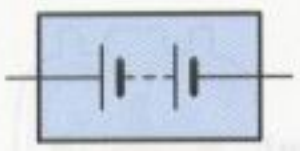
ABREVIATURAS

En este manual se utilizan las siguientes abreviaturas.

ABS	=	*Sistema de frenos antibloqueo (Anti-Lock Brake System)*
A/C	=	*Acondicionador de aire (Air Conditioner)*
A/T	=	*Transeje automático (Automatic Transaxle)*
COMB.	=	*Combinación (Combination)*
DLC3	=	*Conector de enlace de datos 3 (Data Link Connector 3)*
ECT	=	*Transmisión con control electrónico (Electronic Control Transmission)*
ECU	=	*Unidad de control electrónico (Electronic Control Unit)*
EFI	=	*Inyección de combustible electrónica (Electronic Fuel Injection)*
EVAP	=	*Emisiones evaporativas (Evaporative Emission)*
ISC	=	*Control de velocidad de ralentí (Idle Speed Control)*
J/B	=	*Bloque de enlaces (Junction Block)*
LH	=	*Izquierda (Left-Hand)*
LHD	=	*Vehículos con dirección a la izquierda (Left-Hand Drive)*
M/T	=	*Transeje manual (Manual Transaxle)*
O/D	=	*Sobremarcha (Overdrive)*
PTC	=	*Coeficiente de temperatura positivo (Positive Temperature Coefficient)*
R/B	=	*Bloque de relés (Relay Block)*
RH	=	*Derecha (Right-Hand)*
RHD	=	*Vehículos con dirección a la derecha (Right-Hand Drive)*
SPEC.	=	*Especificación (Specification)*
SRS	=	*Sistema suplementario de sujeción (Supplemental Restraint System)*
SW	=	*Interruptor (Switch)*
TEMP.	=	*Temperatura (Temperature)*
U.K.	=	*Gran bretaña (United Kingdom)*
VSV	=	*Válvula conmutadora de vacío (Vacuum Switching Valve)*
w/	=	*Con (With)*
w/o	=	*Sin (Without)*

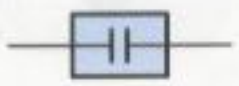
* *Los títulos dados dentro de los componentes son los nombres de los terminales (códigos de terminal) y no se tratan como abreviaturas.*

E GLOSARIO DE TERMINOS Y SIMBOLOS



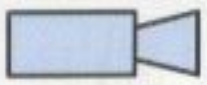
BATERIA

Almacena energía química y la convierte en energía eléctrica. Proporciona corriente continua para los diversos circuitos eléctricos del vehículo.



CAPACITOR (Condensador)

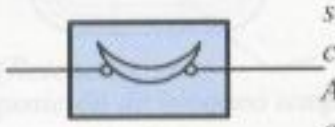
Pequeña unidad de retención que puede almacenar temporariamente una tensión électrica.



ENCENDEDOR DE CIGARRILLOS

Elemento de calentamiento con resistencia eléctrica.

RUPTOR



Básicamente un fusible reutilizable, el ruptor se calienta y se abre si un flujo excesivo de corriente fluye por el mismo. Algunas unidades vuelven automáticamente al estado inicial una vez frías, mientras que otras deben ser reposicionadas manualmente.



DIODO

Semiconductor que permite el flujo de corriente en un sólo sentido.



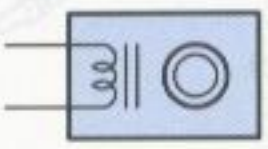
DIODO DE ZENER

Semiconductor que permite el flujo de corriente en un sólo sentido pero bloquea el flujo en sentido contrario hasta una tensión específica. Por encima de este valor, la tensión excesiva pasa por este diodo. De esta manera, actúa como un sencillo regulador de tensión.



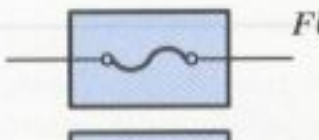
FOTODIODO

El fotodiodo es un semiconductor que controla el flujo corriente según la intensidad de la luz.



DISTRIBUIDOR, IIA

Canaliza la alta tensión de la bobina de encendido hacia las bujías individuales.



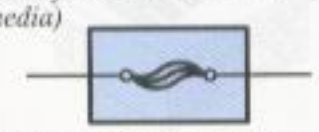
(para fusible de corriento media)

FUSIBLE

Delgada tira de metal que se quema cuando pasa un flujo de corriente excesivo por el mismo, cortando de esta manera el flujo de corriente y protegiendo el circuito de posibles daños.

ESLABON FUSIBLE

Alambre grueso colocado en circuitos de alto amperaje que se quema en caso de sobrecarga, para proteger el circuito.



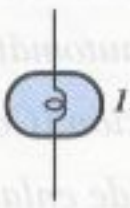
(para fusible de corriente alta o eslabón fusible)



MASA

Punto en el cual el cableado hace contacto con la carrocería del vehículo, proporcionando de esta manera una vía de retorno para el circuito eléctrico. Sin conexión a masa, la corriente no fluye.

FARO



1. MONOFILAMENTO

El flujo de corriente hace que el filamento del faro se caliente y emita luz. Los faros pueden ser de tipo monofilamento (1) o de filamento doble (2).

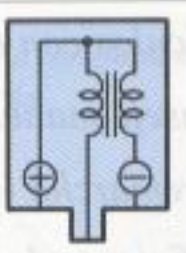


2. DE FILAMENTODOBLE



BOCINA

Dispositivo eléctrico que hace sonar una señal audible.



BOBINA DE ENCENCIDO

Convierte la corriente continua de baja tensión en corriente de encendido de alta tensión para activar las bujías.



LAMPARA

El flujo de corriente a través del filamento hace que este se caliente y emita luz



DEL (DIODO EMISOR DE LUZ)

Al pasar corriente, este diodo emite luz sin producir el calor de otras fuentes de luz.



MEDIDOR ANALOGICO

La corriente activa la bobina magnética que hace que la aguja se desplace, proporcionando de esta manera una indicación relativa contra el cuadrante ubicado detrás de la aguja.



MEDIDOR DIGITAL

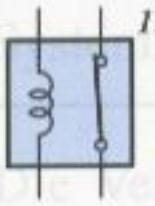
El flujo de la corriente activa uno o varios diodos emisores de luz, de cristal líquido o indicadores fluorescentes, que proporcionan una indicación relativa o digital.



MOTOR

Unidad de potencia que convierte energía eléctrica en energía mecánica, en especial, en movimiento de rotación.

RELE



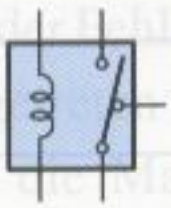
1. NORMALMENTE CERRADO



2. NORMALMENTE ABIERTO

Básicamente, un interruptor operado eléctricamente que puede estar normalmente cerrado (1) o bien normalmente abierto (2).
El flujo de la corriente a través de una pequeña bobina crea un campo magnético que abre o cierra el interrupntor correspondiente.

RELE DE DOS DIRECCIONES



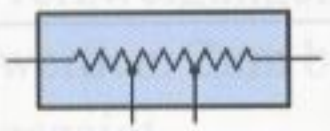
Un relé que permite que la corriente pase por un juego de contactos o por el otro.

RESISTENCIA



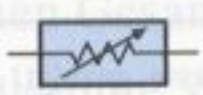
Componente eléctrico con resistencia fija colocado en un circuito para reducir la tensión hasta un valor específico.

RESISTENCIA, CON TOMAS



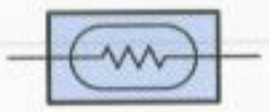
Resistencia que suministra dos o más valores de resistencia diferentes no ajustables.

RESISTENCIA VARIABLE o REOSTATO



Resistencia cuyo valor puede controlarse. Asimismo denominado potenciometro o reostato.

SENSOR (Termistor)



Resistencia cuyo valor varía según la temperatura.

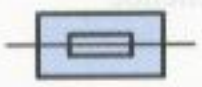
SENSOR, VELOCIDAD



(Tipo de interruptor de lámioas)

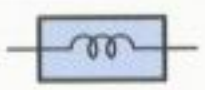
Utilizando impulsos magnéticos para abrir y cerrar un interruptor con la finalidad de crear una señal de activación de otros componentes.

PASADOR CORTO



Utilizado para proporcionar una conexión continua dentro del bloque de empalmes.

SOLENOIDE



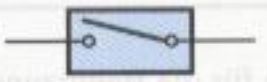
Bobina electromagnética que forma un campo magnético cuando fluye corriente por la misma para mover un émbolo, etc.

ALTAVOZ



Dispositivo electromecánico que crea ondas de sonido a partir de un flujo de corriente.

INTERRUPTOR, MANUAL



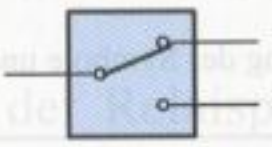
1. NORMALMENTE ABIERTO



2. NORMALMENTE CERRADO

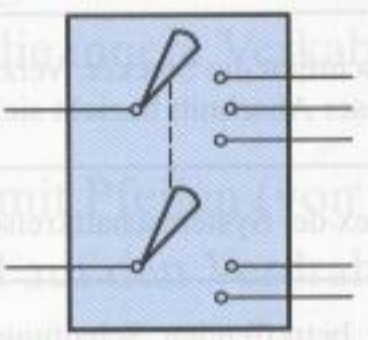
Abre o cierra los circuitos, cortando (1) o permitiendo (2) el flujo de la corriente.

INTERRUPTOR DE DOS DIRECCIONES



Interruptor que hace pasar la corriente de manera continua por uno de los dos grupos de contactos o por el otro.

INTERRUPTOR DE ENCENDIDO



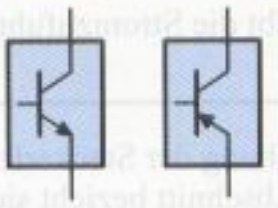
Interruptor accionado mediante una llave con varias posiciones que permiten que varios circuitos, en especial, el circuito de encendido primario, se activen.

INTERRUPTOR DE DETENCION DEL LIMPIAPARABRISAS



Hace que las hojas del limpiaparabrisas retornen automáticamente a la posición de detenidos al colocar el interruptor del limpiaparabrisas en la posición OFF.

TRANSISTOR

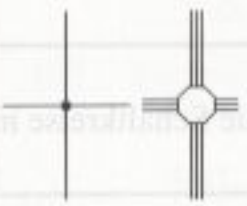


Dispositivo de estado sólido utilizado típicamente como relé electrónico que interrumpe o permite el paso de la corriente aplicada a la "base" del mismo.

CABLES



(1) NO CONECTADOS



(2) EMPALMADOS

Los cables se representan siempre mediante líneas rectas en los diagramas de cableado. Los cables cruzados (1) sin un punto negro en la intersección no están conectados; los cables cruzados (2) con un punto negro o una marca octogonal (◯) en la intersección están conectados (empalmados).

A EINFÜHRUNG

Diese Anleitung besteht aus den folgenden 14 Abschnitten:

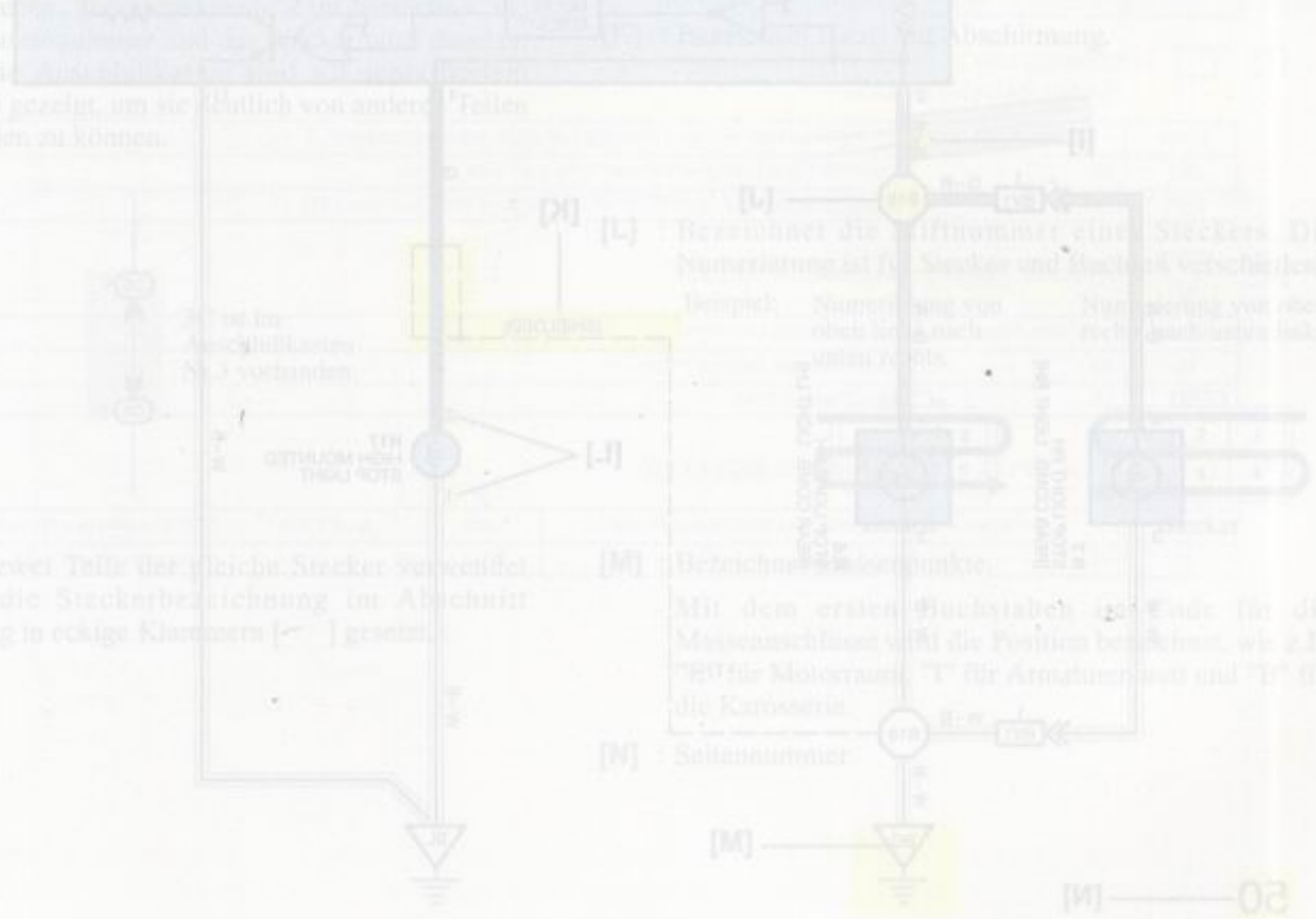
Nr.	Abschnitt	Beschreibung
A	INDEX	Inhaltsverzeichnis dieser Anleitung.
	EINFÜHRUNG	Kurze Erklärung der einzelnen Abschnitte.
B	ANWENDUNGS-HINWEISE	Hinweise für die Benutzung dieser Anleitung.
C	FEHLERSUCHE	Beshreibung der Schaltkreisprüfungen.
D	ABKÜRZUNGEN	Erklärung der verwendeten Abkürzungen.
E	BEZEICHNUNGEN UND SYMBOLE	Erklärung der Symbole und von Teilefunktionen.
F	RELAISPOSITIONEN	Zeigt die Einbauposition der Steuergeräte, Relais, Relaiskasten usw.. Dieser Abschnitt bezieht sich auf die Systemschaltkreise.
G	VERKABELUNG	Beschreibt die Stecker, Verzweigungs-, Massestellen usw.. Dieser Abschnitt bezieht sich auf die Systemschaltkreise.
H	INDEX	Index der Systemschaltkreise.
	SYSTEM-SCHALTKREISE	Die betreffenden Schaltungen sind von der Stromversorgung bis zur Masse gezeigt. Die Anschlüsse und ihre Position sind mit Codes entsprechend des Auschlußtypes gezeigt. (Siehe Abschnitt "Anwendungshinweise".) Die "Systembeschreibung" und die "Wartungshinweise" befinden sich ebenfalls in diesem Abschnitt.
I	MASSENPUNKT	Positionen der beschriebenen Massepunkte.
J	STROMQUELLE (Stromflußschema)	Beschreibt die Stromzufuhr zu den verschiedenen elektrischen Verbrauchern.
K	STECKERLISTE	Beschreibung der Steckerform für die in dieser Anleitung aufgeführten Teile. Dieser Abschnitt bezieht sich auf die Systemschaltkreise.
L	STECKER-INFORMATION	Beschreibt die Seitennummer (siehe Seite), die die dem Teile-Code enstprechende Teile-Benennung sowie Einbaustelle im Fahrzeug darstellt.
M	TEILE-NUMMER DER STECKER	Zeigt die Teile-nummer der in dieser Anleitung verwendeten Stecker.
N	GESAMTVERKABE-LUNGSPLAN	Beschreibt die Schaltkreise mit ihren Verbindungen.

In dieser Anleitung sind die Angaben für die einzelnen im Fahrzeug befindlichen Systemschaltkreise zusammengefaßt.

Die Verkabelung der einzelnen Schaltkreise ist von der Stromversorgung über die Batterie bis zum betreffenden Massepunkt gezeigt. Die Schaltschemen sind mit ausgeschalteten Schaltern dargestellt.

Bei der Fehlersuche muß zuerst die Funktionsweise des Schaltkreises, in dem die Störung aufgetreten ist, (siehe Systemschaltkreise), die Stromversorgung (siehe Stromlaufpläne und die Massenanschlüsse (siehe Massepunkt) richtig verstanden werden. Für die Funktion wird auf die Systembeschreibung verwiesen.

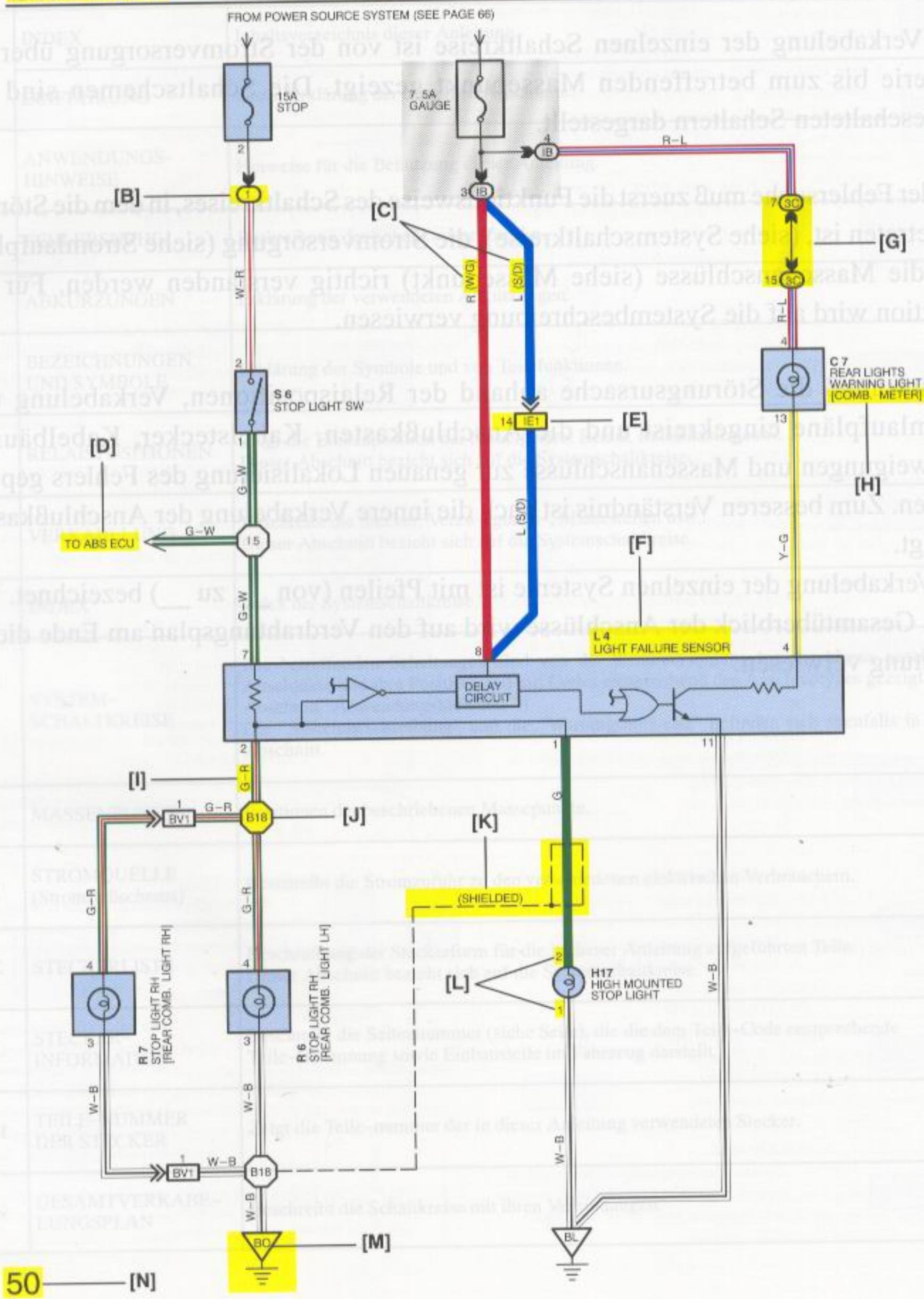
Danach muß die Störungsursache anhand der Relaispositionen, Verkabelung und Stromlaufpläne eingekreist und die Anschlußkasten, Kabelstecker, Kabelbäume, Verzweigungen und Massenanschlüsse zur genauen Lokalisierung des Fehlers geprüft werden. Zum besseren Verständnis ist auch die innere Verkabelung der Anschlußkasten gezeigt.
Die Verkabelung der einzelnen Systeme ist mit Pfeilen (von __, zu __) bezeichnet. Für einen Gesamtüberblick der Anschlüsse wird auf den Verdrahtungsplan am Ende dieser Anleitung verwiesen.



[A]

STOP LIGHT

* Hier ist nur ein Beispiel aufgeführt, das sich vom Schaltschema im kapitel "Verdrahtungsanleitung" unterscheidet.



[A] : Systembezeichnung

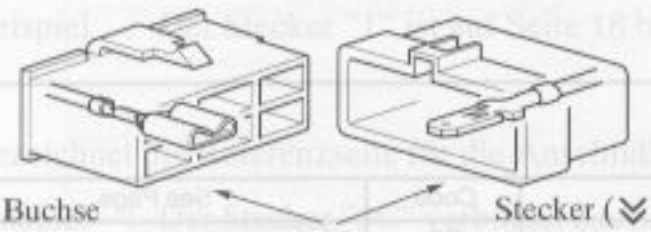
[B] : Bezeichnet den Relaiskasten. Falls nur die Relaiskastennr. zur Unterscheidung von einem Anschlußkasten gezeigt wird, wird keine Schraffierung verwendet.

Beispiel: (1) Bezeichnet Relaiskasten Nr.1

[C] : Eingeklammerte kabel- und Steckerbezeichnungen etc. ( ) sind für unterschiedliche Fahrzeugmodelle, Motortypen oder andere Spezifikationen.

[D] : Bezeichnet ein in Verbindung stehendes System.

[E] : Bezeichnet den Kabelbaum und den Stecker. Die Steckerseite wird mit Pfeilen bezeichnet (⩔).
Mit außenstehenden Zahlen wird die Stiftnummer bezeichnet.



Mit dem ersten Buchstaben des Kabelbaumbzw. Steckercodes wird die Einbauposition bezeichnet, wie z.B. "E" für Motorraum, "I" für Armaturenbrett und "B" für Karosserie.

Falls bei mehreren Codes die ersten beiden Buchstaben gleich sind, werden die kabelbäume bzw. Stecker numeriert, z.B. H1, H2.

[F] : Bezeichnet ein Teil (alle Teile werden hellblau bezeichnet). Der gleiche Code wird auch für die Teileposition verwendet.

[G] : Anschlußkasten. Die eingekreiste Zahl bezeichnet die Anschlußkastennummer und der Stecker wird daneben gezeigt. Die Anschlußkasten sind auf schraffiertem Untergrund gezeigt, um sie deutlich von anderen Teilen unterscheiden zu können.

Beispiel:



3C ist im Anschlußkasten Nr.3 vorhanden.

[H] : Wenn für zwei Teile der gleiche Stecker verwendet wird, ist die Steckerbezeichnung im Abschnitt Verkabelung in eckige Klammern [ ] gesetzt.

[I] : Bezeichnet die Kabelfarbe.

Die Farben werden mit Buchstabensymbolen bezeichnet.

B	= Schwarz	W	= Weiß	BR	= Braun
L	= Blau	V	= Violet	SB	= Himmelblau
R	= Rot	G	= Grün	LG	= Hellgrün
P	= Rosa	Y	= Gelb	GR	= Grau
O	= Orange				

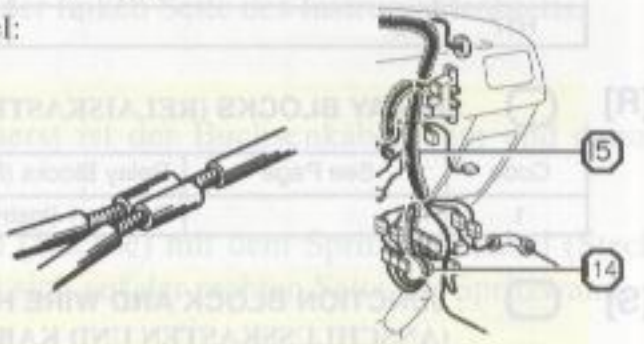
Mit dem ersten Buchstaben wird die Kabelfarbe und mit dem zweiten Buchstaben die Farbe des Streifens bezeichnet.

Beispiel: L - Y



[J] : Bezeichnet die Verzweigungsstelle und die Position wird wie z.B. mit "E" für Motorraum (engine room), "I" für Instrumentenbrett (instrument Panel) oder "B" für Karosserie (body) bezeichnet.

Beispiel:



Die Position der Verzweigungsstelle TS wird durch eine Schraffierung bezeichnet.

[K] : Bezeichnet Kabel mit Abschirmung.



[L] : Bezeichnet die Stiftnummer eines Steckers. Die Numerierung ist für Stecker und Buchsen verschieden.

Beispiel: Numerierung von oben links nach unten rechts. Numerierung von oben rechts nach unten links.



[M] : Bezeichnet Massenpunkte.

Mit dem ersten Buchstaben im Code für die Masseanschlüsse wird die Position bezeichnet, wie z.B. "E" für Motorraum, "I" für Armaturenbrett und "B" für die Karosserie.

[N] : Seitennummer

B ANWENDUNGSHINWEISE

[O] SYSTEM OUTLINE (SYSTEMBESCHREIBUNG)

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop light SW.
When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

STOP LIGHT DISCONNECTION WARNING

When the ignition SW is turned on and the brake pedal is pressed (Stop light SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.
As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P] SERVICE HINTS (WARTUNGSHINWEISE)

S6 STOP LIGHT SW

2–1 : Closed with the brake pedal depressed

L4 LIGHT FAILURE SENSOR

1, 2, 7–GROUND : Approx. **12** volts with the stop light SW on
4, 8–GROUND : Approx. **12** volts with the ignition SW at **ON** position
11–GROUND : Always continuity

[Q] ○ : PARTS LOCATION (TEILEPOSITION)

Code	See Page	Code	See Page	Code	See Page
C7	34	L4	36	R7	37
H17	36	R6	37	S6	35

[R] ▭ : RELAY BLOCKS (RELAISKASTEN)

Code	See Page	Relay Blocks (Relay Block Location)
1	18	R/B No.1 (Instrument Panel Left)

[S] ▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTON (ANSCHLUSSKASTEN UND KABELBAUMSTECKER)

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3C	22	Instrument Panel Wire and J/B No.3 (Instrument Panel Left Side)

[T] ▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS (KABELBAUMSTECKER)

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	42	Floor Wire and Instrument Panel Wire (Left Kick Panel)
BV1	50	Luggage Room Wire and Floor Wire (Luggage Compartment Left)

[U] ▽ : GROUND POINTS (MASSEANSCHLÜSSE)

Code	See Page	Ground Points Location
BL	50	Under the Left Quarter Pillar
BO	50	Back Panel Center

[V] ⬡ : SPLICE POINTS (VERBINDUNGSSTELLEN)

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	44	Cowl Wire	B18	50	Luggage Room Wire

Deutsch

[O] : Bezeichnet die Systembeschreibung.

[P] : Bezeichnet Werte oder erklärt Funktionen für die Fehlersuche.

[Q] : Bezeichnet Referenzseite für die Schaltkreisteile.

Beispiel : Teile "L4" (Leuchtenausfallsensor) befindet sich auf Seite 36 dieser Anleitung.

* Der Buchstabencode ist der erste Buchstabe des Teil und die Zahl ist fortlaufend.

Beispiel: L 4
- L: Leuchtenausfallsensor
- 4: Viertes Teil

[R] : Bezeichnet die Referenzseite für die Schaltkreisrelaiskastenstecker.

Beispiel : Der Stecker "1" ist auf Seite 18 beschrieben und befindet sich auf der linken Seite des Instrumentenbretts.

[S] : Bezeichnet die Referenzseite für die Anschlußkasten und Kabelbäume.

Beispiel : Der Stecker "3C" verbindet das Spritzwandkabel mit dem Anschlußkasten Nr.3. Die Beschreibung befindet sich auf Seite 22 dieser Anleitung und der Kasten befindet sich auf der linken Seite des Instrumentenbretts.

[T] : Bezeichnet die Referenzseite für die Kabelbäume und Kabelstecker. Zuerst ist der Buchsenkabelbaum und dann der Steckerkabelbaum aufgeführt.

Beispiel : Der Stecker "IE1" verbindet den rechten Vordertürkabelbaum (Buchse) mit dem Spritzwandkabel (Stecker). Er wird auf Seite 42 dieser Anleitung beschrieben und befindet sich auf der rechten Seite der Spritzwand.

[U] : Bezeichnet die Referenzseite für die Massenpunkte.

Beispiel : Der Massepunkt "BO" wird auf der Seite 50 dieser Anleitung beschrieben und befindet sich auf der linken Spritzwandseite.

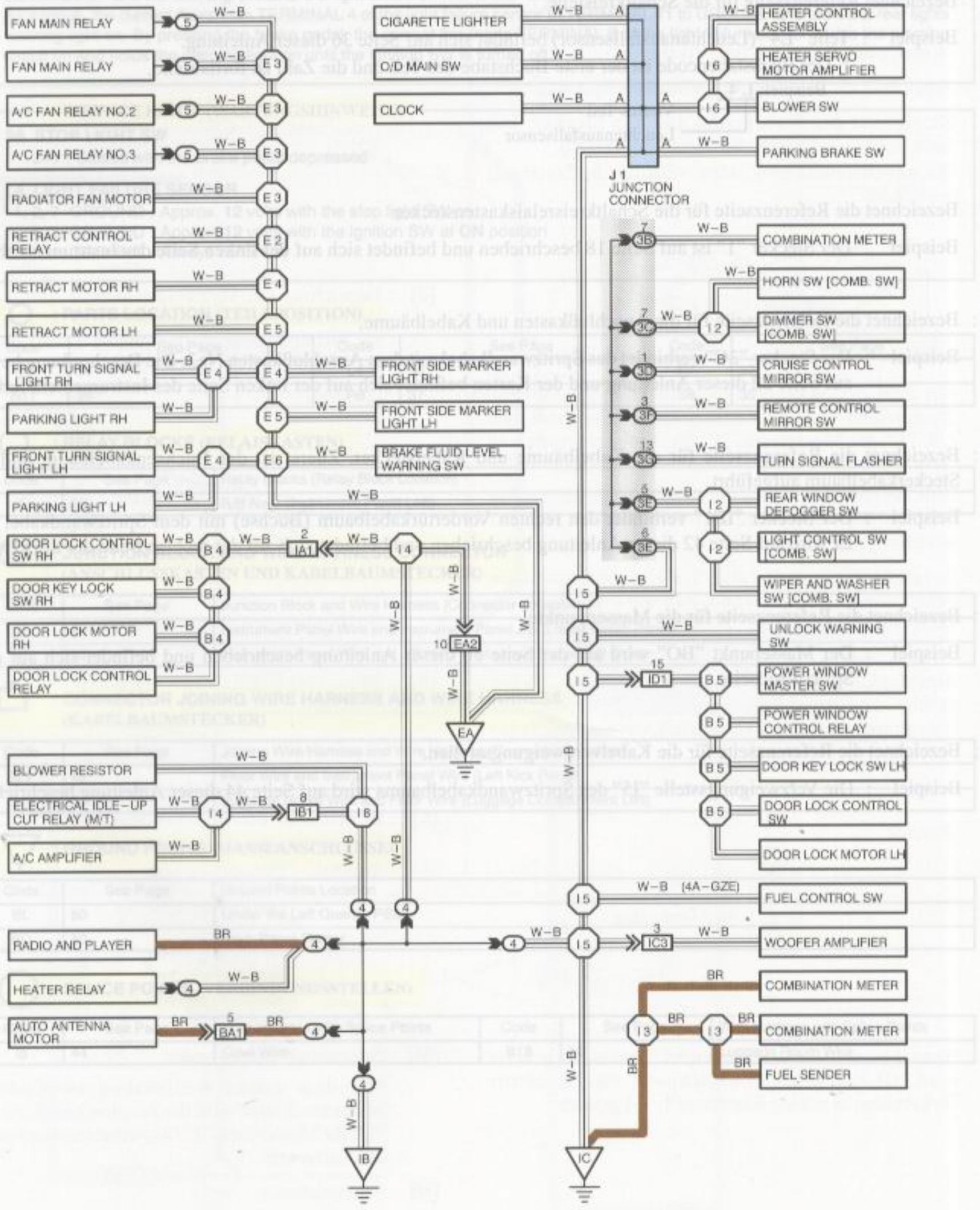
[V] : Bezeichnet die Referenzseite für die Kabelverzweigungsstellen.

Beispiel : Die Verzweigungsstelle "I5" des Spritzwandkabelbaums wird auf Seite 44 dieser Anleitung beschrieben.

B ANWENDUNGSHINWEISE

Im Massepunktschema werden die Anschlüsse der einzelnen Teile an die entsprechenden Massepunkte gezeigt.
Bei der Fehlersuche eines fehlerhaften Massepunkts wird zur einfacheren Lokalisierung der Fehlers empfohlen, alle Schaltkreise, die einen gemeinsamen Massepunkt verwenden, zu prüfen. Der Zusammenhang einzelner Massepunkte (EA, IB und IC) kann auf die gleiche Weise überprüft werden.)

I GROUND POINT



* Hier ist nur ein Beispiel aufgeführt, das sich vom Schaltschema im Kapitel "Verdrahtungsanleitung" unterscheidet.

Im Abschnitt "Stromlaufpläne" werden die Teile bezeichnet (Sicherungen, Schmelzsicherungen und Unterbrecher), die von der Stromquelle mit Strom versorgt werden. Im Stromquellenschema wird der Zustand gezeigt, wenn alle Teile mit Strom versorgt werden. Für die Schaltkreise ist ein gutes Verständnis der Stromversorgung eine Voraussetzung.

J POWER SOURCE (Current Flow Chart)

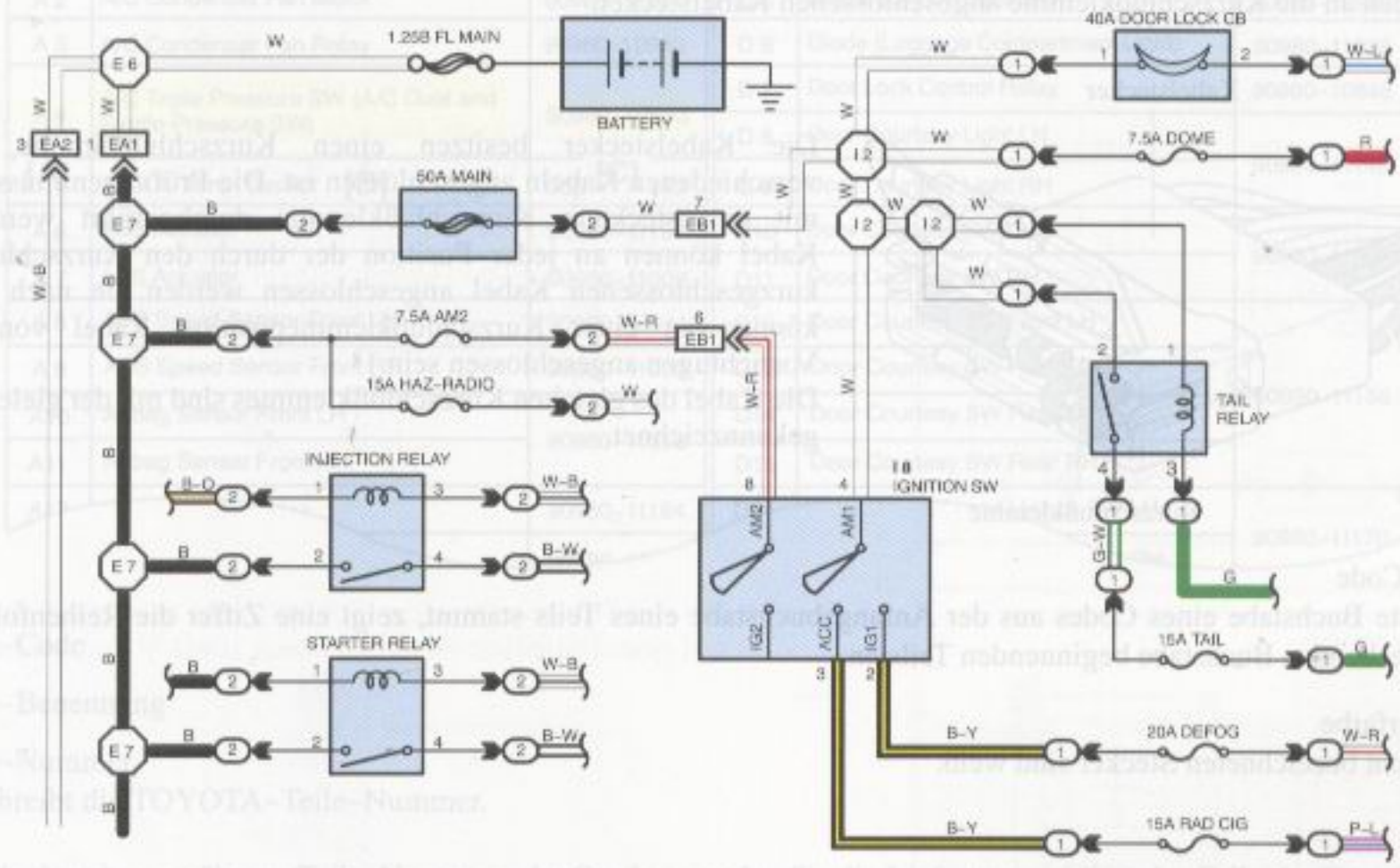
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.



Engine Room R/B (See Page 20)

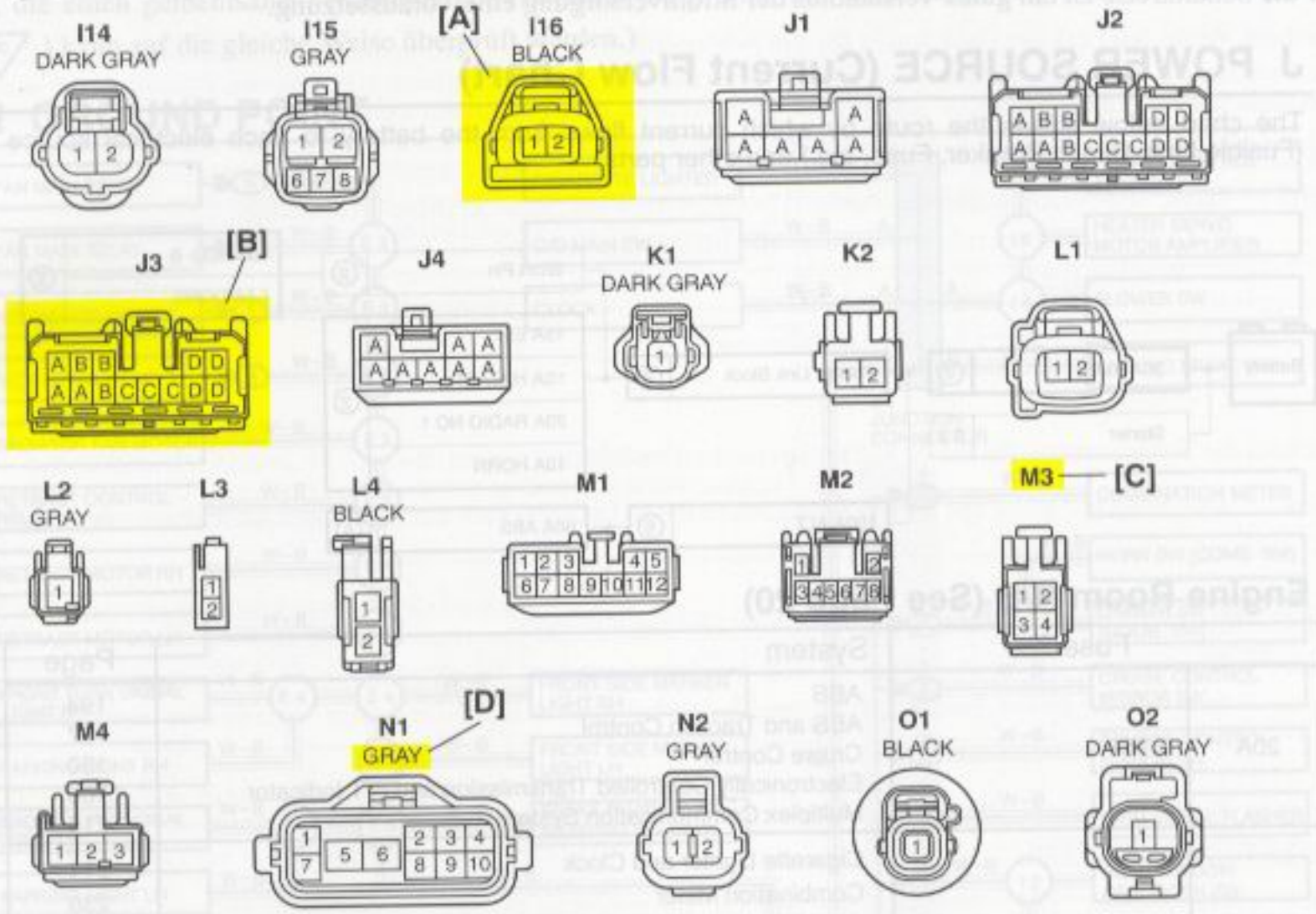
Fuse		System	Page
20A	STOP	ABS	194
		ABS and Traction Control	187
		Cruise Control	180
		Electronically Controlled Transmission and A/T Indicator	166
		Multiplex Communication System	210
10A	DOME	Cigarette Lighter and Clock	214
		Combination Meter	230
		Headlight	112
		Interior Light	122
		Key Reminder and Seat Belt Warning	
		Light Auto Turn Off	
		Theft Deterrent and Door	

POWER SOURCE



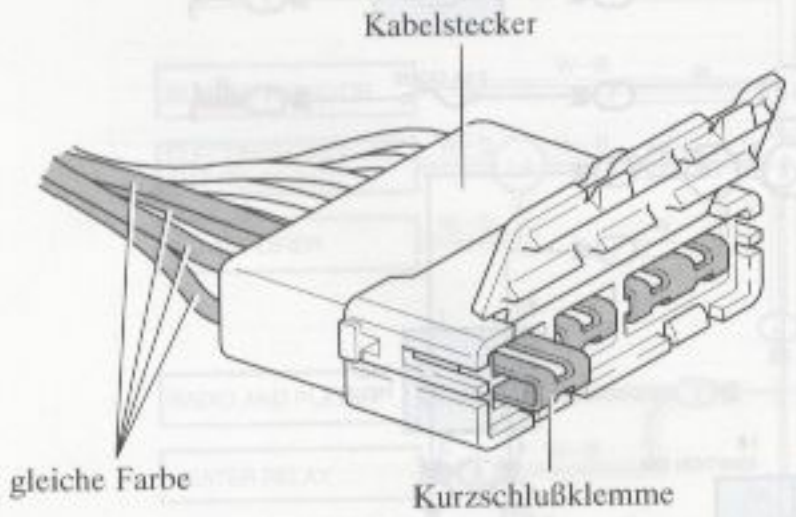
* Hier ist nur ein Beispiel aufgeführt, das sich vom Schaltschema im Kapitel "Verdrahtungsanleitung" unterscheidet.

K CONNECTOR LIST



[A] : Bezeichnet den Anschlußstecker, die Stifte werden mit einer Zahl bezeichnet.

[B] : Kabelstecker
Zeigt den an die Kurzschlußklemme angeschlossenen Kabelstecker.



Die Kabelstecker besitzen einen Kurzschlußklemme, der an verschiedenen Kabeln angeschlossen ist. Die Prüfungen müssen immer mit eingestecktem Kurzschlußklemme durchgeführt werden. (Die Kabel können an jeder Position der durch den Kurzschlußklemme kurzgeschlossenen Kabel angeschlossen werden. Je nach Fahrzeug können an einer Kurzschlußklemmeposition Kabel von anderen Vorrichtugen angeschlossen sein.)
Die Kabel des gleichen Kurzschlußklemmes sind mit der gleichen Farbe gekennzeichnet.

[C] : Teile-Code
Da erste Buchstabe eines Codes aus der Anfangsbuchstabe eines Teils stammt, zeigt eine Ziffer die Reihenfolge des mit entsprechenden Buchstabe beginnenden Teils an.

[D] : Steckerfarbe
Die nicht bezeichneten Stecker sind weiß.

L STECKERINFORMATION

Code	siehe Seite	Teile-Benennung
A 1	20 (LHD 4A-FE)	A/C-Kondensatorlüftermotor
	22 (LHD 4E-FE)	
	30 (RHD 4A-FE)	
	32 (RHD 4E-FE)	
A 2	20 (LHD 4A-FE)	A/C-Magnetkupplung
	30 (RHD 4A-FE)	
A 3 [A]	20 (LHD 4A-FE) — [B]	A/C-Magnetkupplung und Blockiersensor [C]
	22 (LHD 4E-FE)	
	30 (RHD 4A-FE)	
	32 (RHD 4E-FE)	
A 4	20 (LHD 4A-FE)	A/C-Dreifachdruckschalter (A/C-Doppel-und Einfachdruckschalter)
	22 (LHD 4E-FE)	

Code	siehe Seite	Teile-Benennung
D 4	24 (LHD)	Diode (O/D)
	34 (RHD)	
D 5	24 (LHD)	Türsteuerempfänger
	34 (RHD)	
D 6	34 (RHD)	Türverriegelungssteuerrelais
D 7	24 (LHD)	Türverriegelungssteuerschalter
	34 (RHD)	
D 8	26 (LHD S/D)	Diode (Türleuchte)
	28 (LHD W/G)	
	36 (RHD S/D)	
	38 (RHD W/G)	
	26 (LHD S/D)	de (Nebelschlußleuchte)

[A] : Teile-Code

[B] : siehe Seite
Beschreibt die Seitennummer des Systemschaltkreises, die die Einbaustelle im Fahrzeug zeigt.

[C] : Teile-Benennung

M PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980-11070
A 2	A/C Condenser Fan Motor	90980-11237
A 3	A/C Condenser Fan Relay	90980-10940
A 4 [A]	A/C Triple Pressure SW (A/C Dual and Single Pressure SW) [B]	90980-10943 [C]
	A/T Oil Temp. Sensor	90980-11413
A 6	ABS Actuator	90980-11151
A 7	ABS Actuator	90980-11009
A 8	ABS Speed Sensor Front LH	90980-10941
A 9	ABS Speed Sensor Front RH	90980-11002
A10	Airbag Sensor Front LH	90980-11856
A11	Airbag Sensor Front RH	
A12		90980-11194

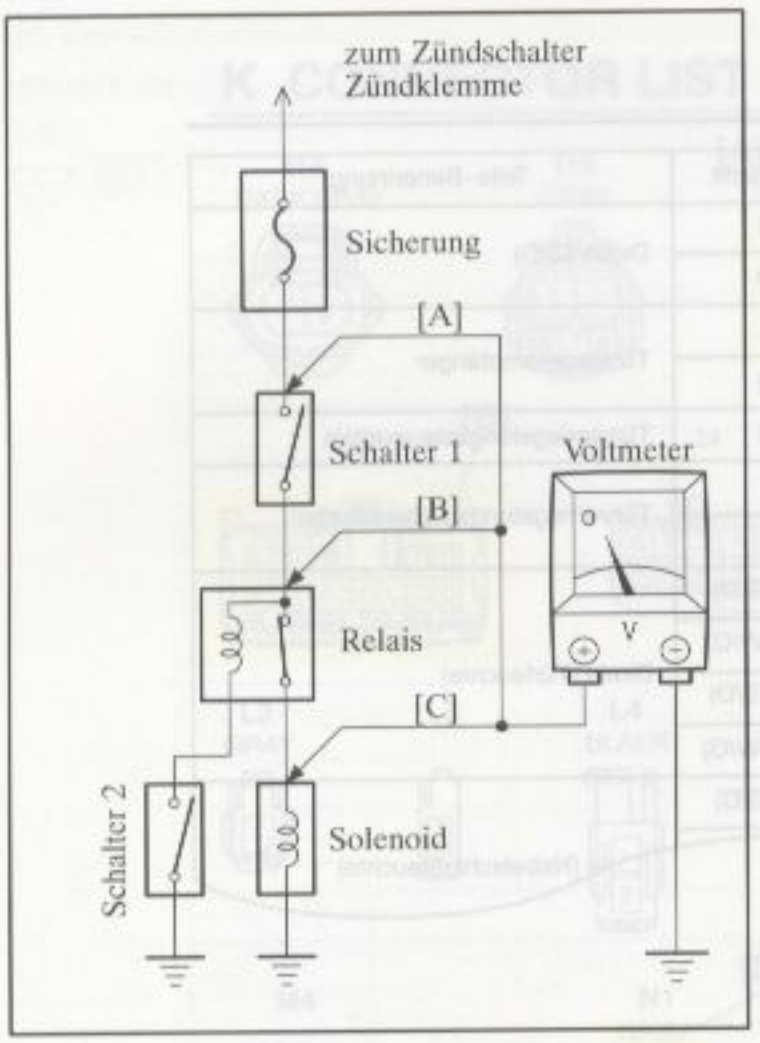
Code	Part Name	Part Number
D 4	Diode (Door Courtesy Light)	90980-11608
D 5	Diode (Key Off Operation)	90980-10962
D 6	Diode (Luggage Compartment Light)	90980-11608
D 7	Door Lock Control Relay	90980-10848
D 8	Door Courtesy Light LH	90980-11148
D 9	Door Courtesy Light RH	
D10	Door Courtesy SW LH	90980-11097
D11	Door Courtesy SW RH	
D12	Door Courtesy SW Front LH	90980-11156
D13	Door Courtesy SW Front RH	
D14	Door Courtesy SW Rear LH	
D15	Door Courtesy SW Rear RH	
D16	Unlock SW LH	90980-11170

[A] : Teile-Code

[B] : Teile-Benennung

[C] : Teile-Nummer
Beschreibt die TOYOTA-Teile-Nummer.

Nicht alle der obenerwähnten Teile-Nummern der Stecker werden für die Lieferung etabliert. Im Falle der Bestellung von Stecker oder Anschlußklemme mit Draht bestätigen Sie bitte unter Verwendung der "Teile-Prospekt-Nachtrichten" (herausgegeben durch die Teile-Engineering-Verwaltungsabteilung) im voraus, ob es entsprechende Lieferung gibt.



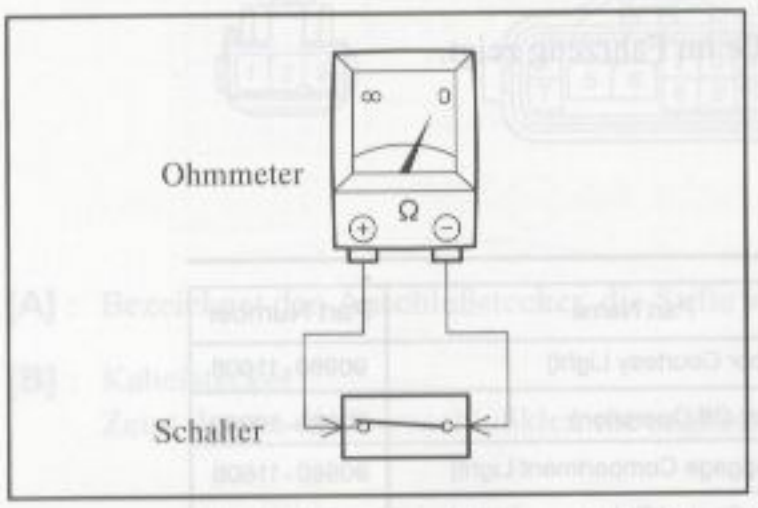
SPANNUNGSPRÜFUNG

(a) Die entsprechenden Schalter so einstellen, daß an der Prüfstelle Spannung vorhanden ist.

Beispiel:

[A] - Zündschalter eingeschaltet
[B] - Zündschalter und Schalter 1 eingeschaltet.
[C] - Zündschalter, Schalter 1 und Relais eingeschalteter (Schalter 2 ausgeschaltet)

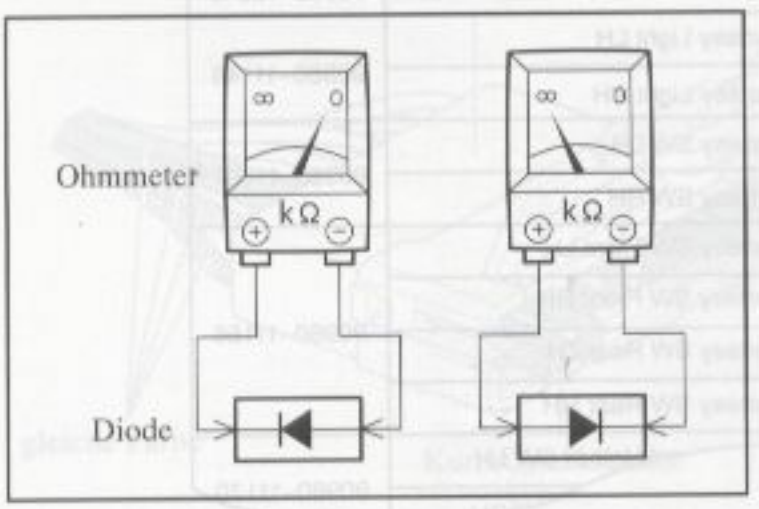
(b) Die negative Prüfspritze eines Voltmeters mit der Masse oder der negativen Batterieklemme und die positive Prüfspitze mit dem Stecker bzw. der Klemme verbinden. Zur Prüfung kann anstelle eines Voltmeters auch eine Prüflampe verwendet werden.



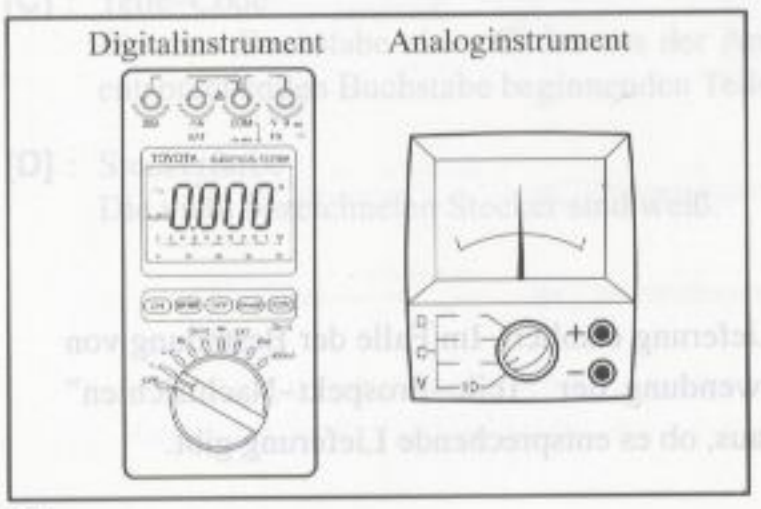
STROMDURCHGANGS- UND WIDERSTANDSPRÜFUNG

(a) Die Batterieklemme oder das betreffende Kabel lösen, so daß zwischen den Prüfpunkten keine Spannung vorhanden ist.

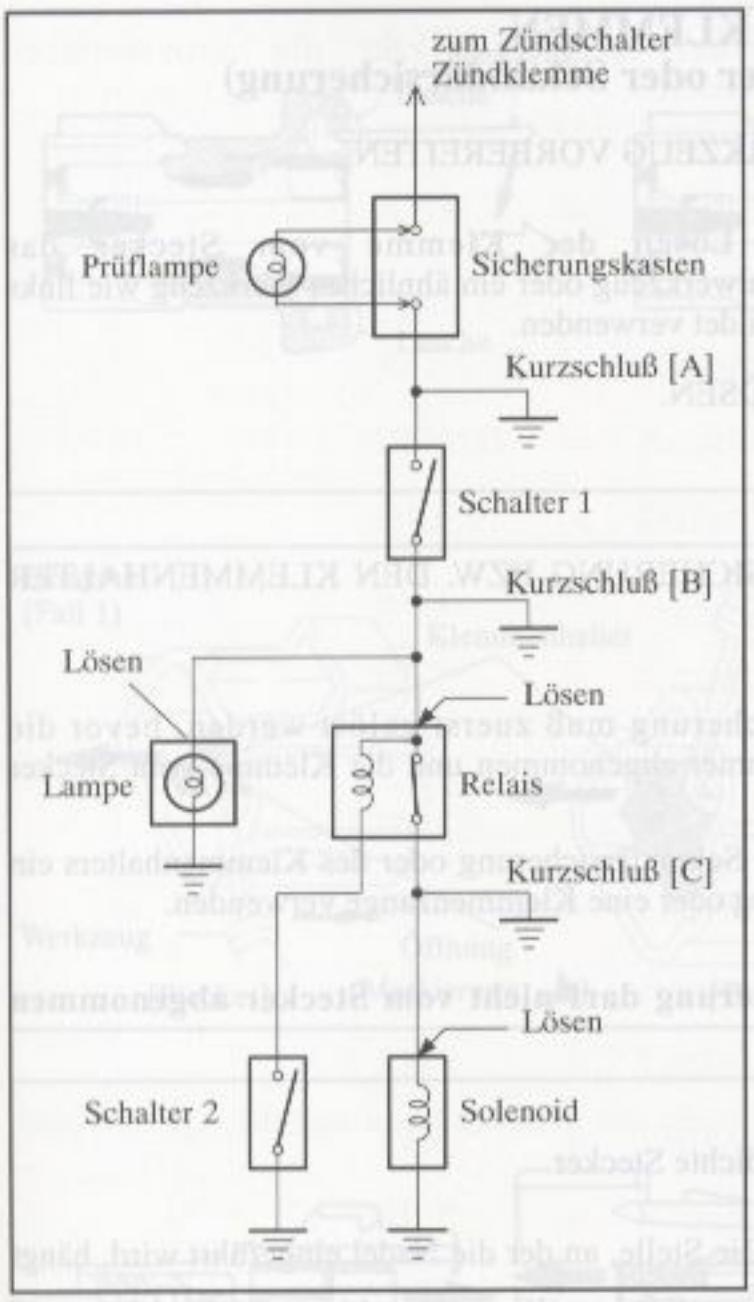
(b) Die Prüfspitzen eines Ohmmeter mit den beiden Prüfstellen verbinden.



Falls im Schaltkreis Dioden vorhanden sind, die Prüfspitzen umgekehrt anbringen und nochmals prüfen.
Wenn die negative Prüfspitze mit der positiven Diodenseite und die positive Prüfspitze mit der negativen Diodenseite verbunden wird, muß Stromdurchgang vorhanden sein.
Falls die Prüfspitzen umgekehrt angeschlossen werden, darf kein Stromdurchgang vorhanden sein.



(c) Für die Fehlersuche eines Schaltkreises muß ein Volt/Ohmmeter mit einer Impedanz von mindestens 10kΩ/V verwendet werden.



AUFFINDEN EINER KURZSCHLUSSSTELLE

(a) Die durchgebrannte Sicherung entfernen und alle elektrischen Verbraucher von der Sicherung lösen.

(b) Anstelle der Sicherung eine Prüflampe anschließen.

(c) Die entsprechenden Schalter so stellen, daß die Prüflampe aufleuchtet.

Beispiel:
[A] - Zündschalter eingeschaltet
[B] - Zündschalter und Schalter 1 eingeschaltet
[C] - Zündschalter, Schalter 1 und Relais eingeschaltet (Relais anschließen) und Schalter 2 ausgeschaltet (bzw. Schalter 2 lösen)

(d) Die Stecker lösen und anschließen und dabei die Prüflampe beobachten.
Der Kurzschluß befindet sich zwischen dem Stecker bei dem die Prüflampe leuchtet und dem Stecker bei dem sie erlischt.

(e) Die Kurzschlußstelle durch leichtes Bewegen des Kabels auffinden.

VORSICHT:

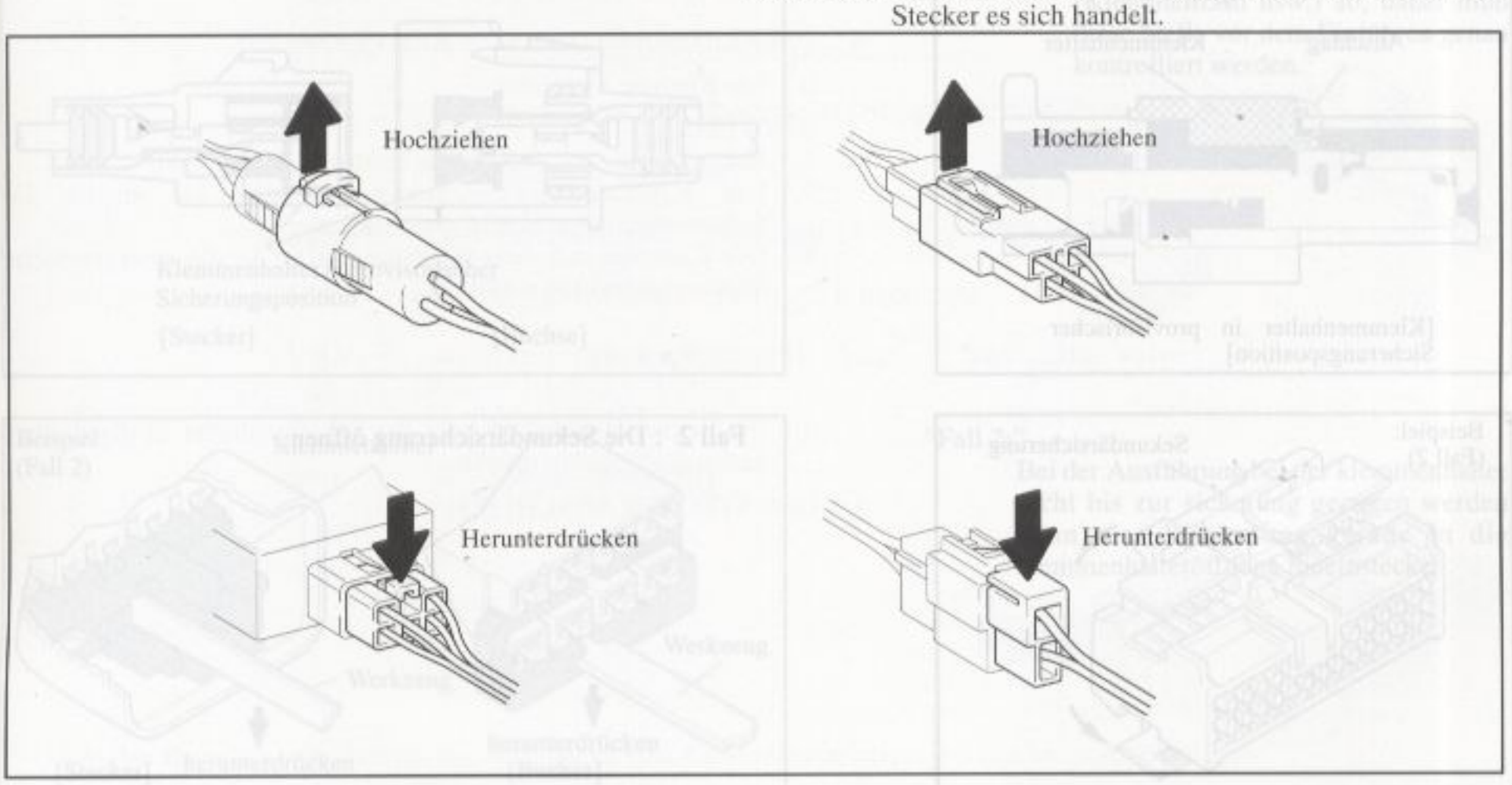
(a) Die Abdeckung des Steuergeräts deft nur wenn unbedingt notwendig geöffnet werden.
(Falls die elektronischen Schaltungen berührt werden, können sie durch die statische Aufladung beschädigt werden.)

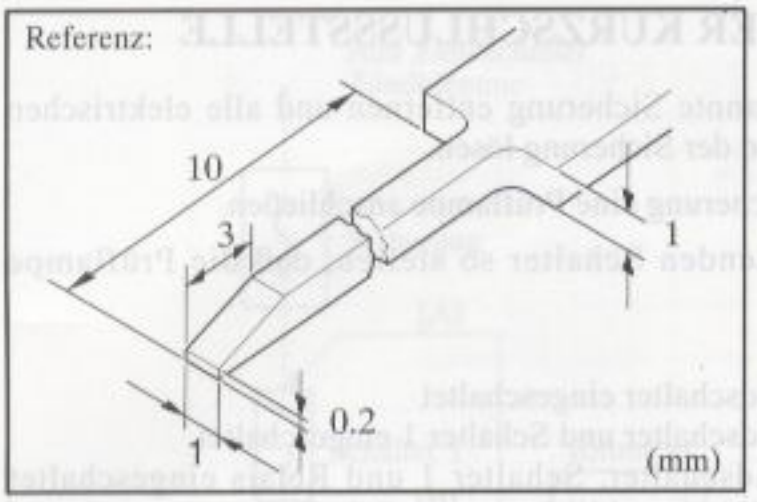
(b) Beim Auswechseln des innen Mechanismus (ECU-Teil) des digitalen Messers sollte man sich darauf achten, daß Ihr Körper oder Kleidung nicht mit den Anschlußklemmen der Zuführungsdrähte aus IC, usw. des Auswechselteiles (Ersatzteil) in Berührung kommt.

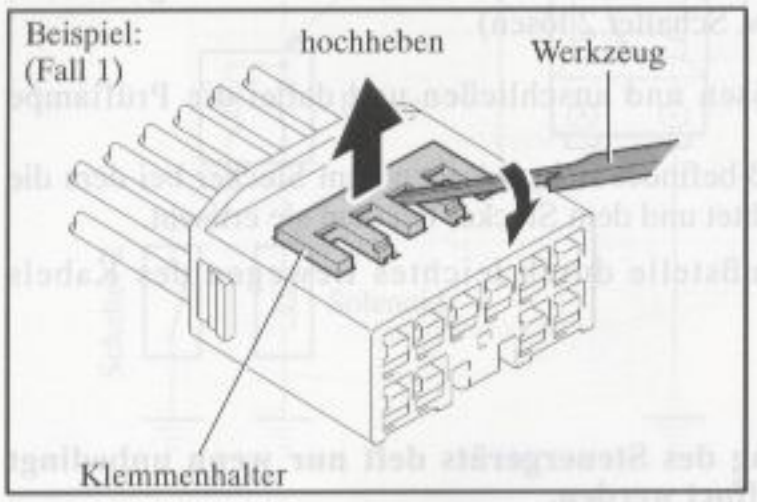
LÖSEN VON STECKERN

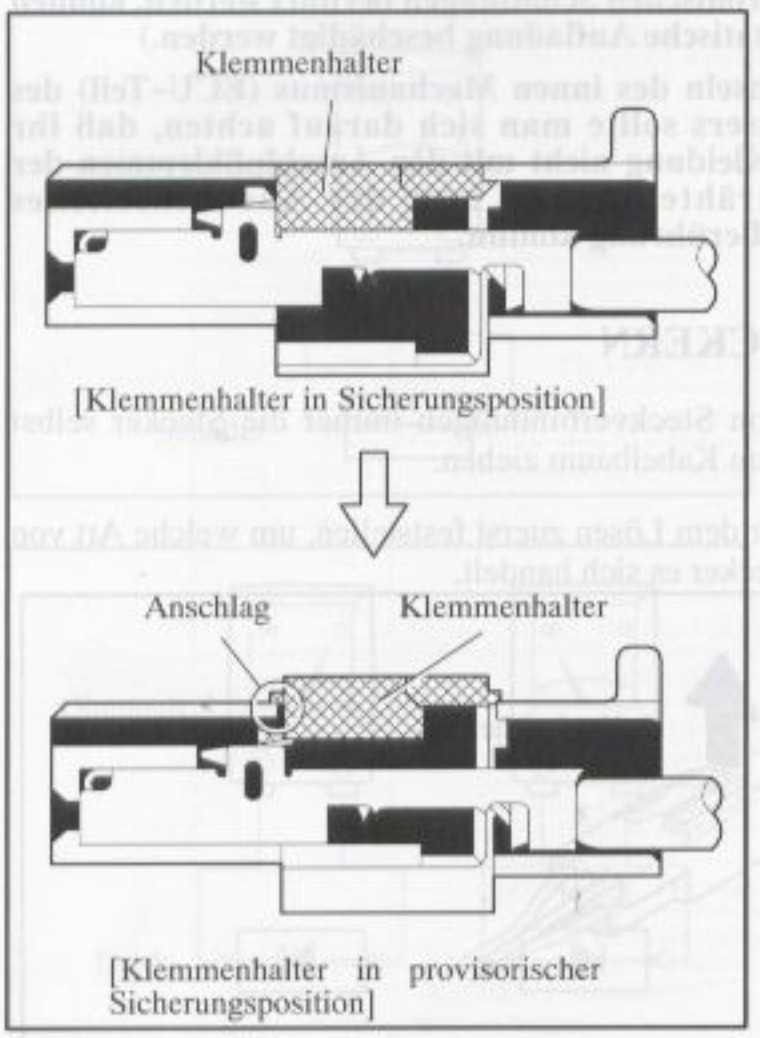
Beim Lösen von Steckverbindungen immer die Stecker selbst festhalten, nie am Kabelbaum ziehen.

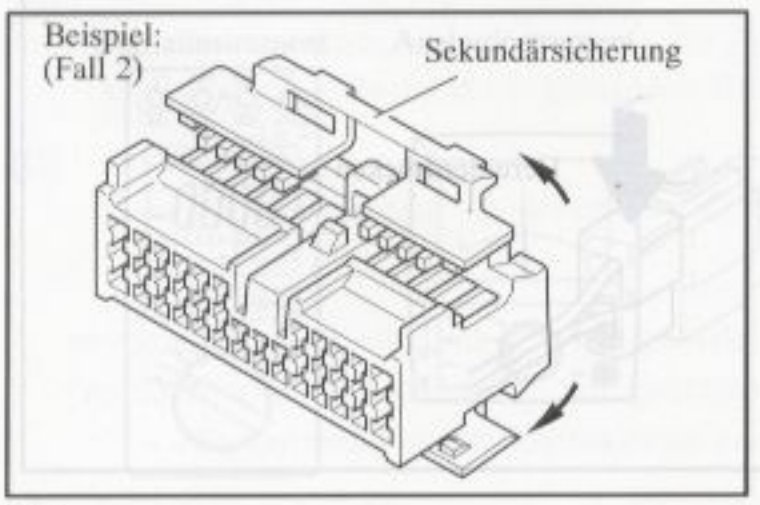
HINWEIS : Vor dem Lösen zuerst feststellen, um welche Art von Stecker es sich handelt.











ERSETZEN VON KLEMMEN
(mit Klemmenhalter oder Sekundärsicherung)

1. EIN SPEZIALWERKZEUG VORBEREITEN.

   HINWEIS : Zum Lösen der Klemme vom Stecker das Spezialwerkzeug oder ein ähnliches Werkzeug wie links abgebildet verwenden.

2. DEN STECKER LÖSEN.

3. DIE SEKUNDÄRSICHERUNG BZW. DEN KLEMMENHALTER LÖSEN.

   (a) Die Steckersicherung muß zuerst gelöst werden, bevor die Sicherungsklammer abgenommen und die Klemme vom Stecker entfernt wird.

   (b) Zum Lösen der Sekundärsicherung oder des Klemmenhalters ein Spezialwerkzeug oder eine Klemmenzange verwenden.

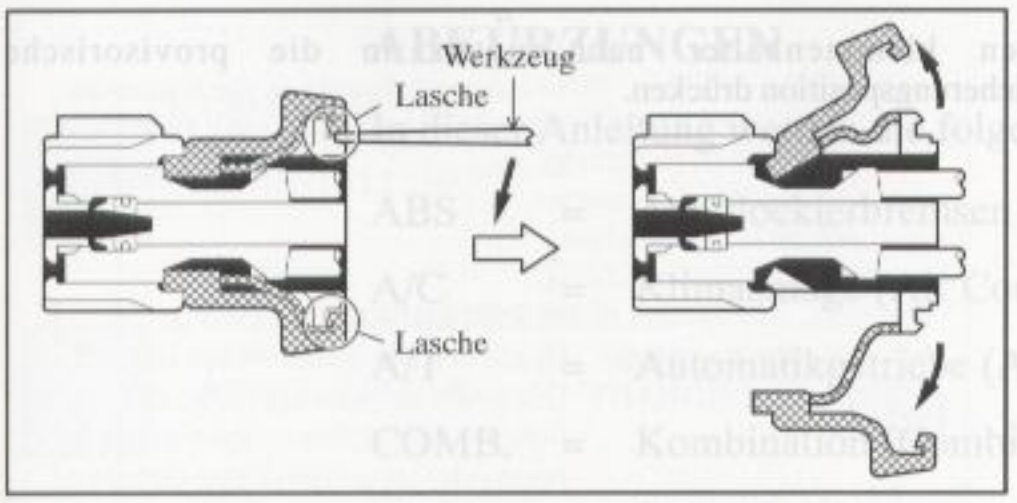
   HINWEIS:
   Die Klemmenhalterung darf nicht vom Stecker abgenommen werden.

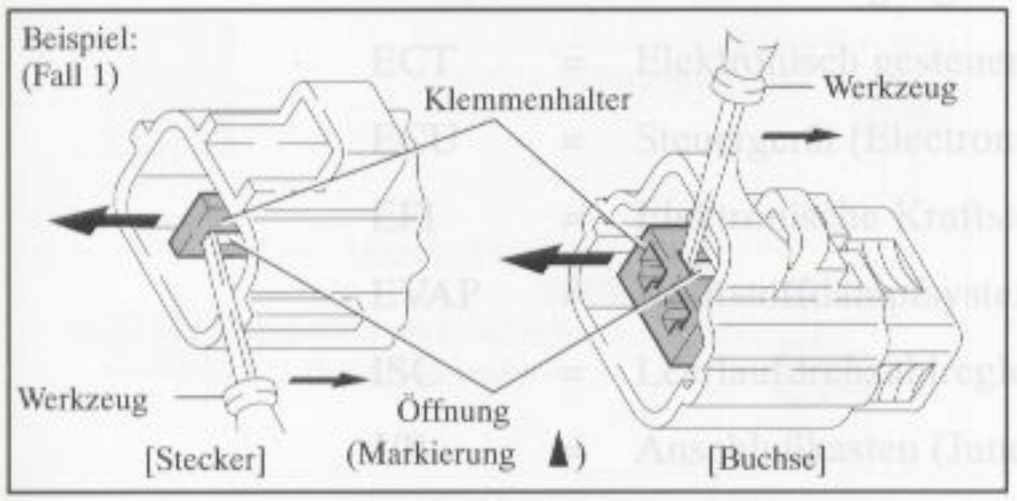
   [A] Nicht wasserdichte Stecker

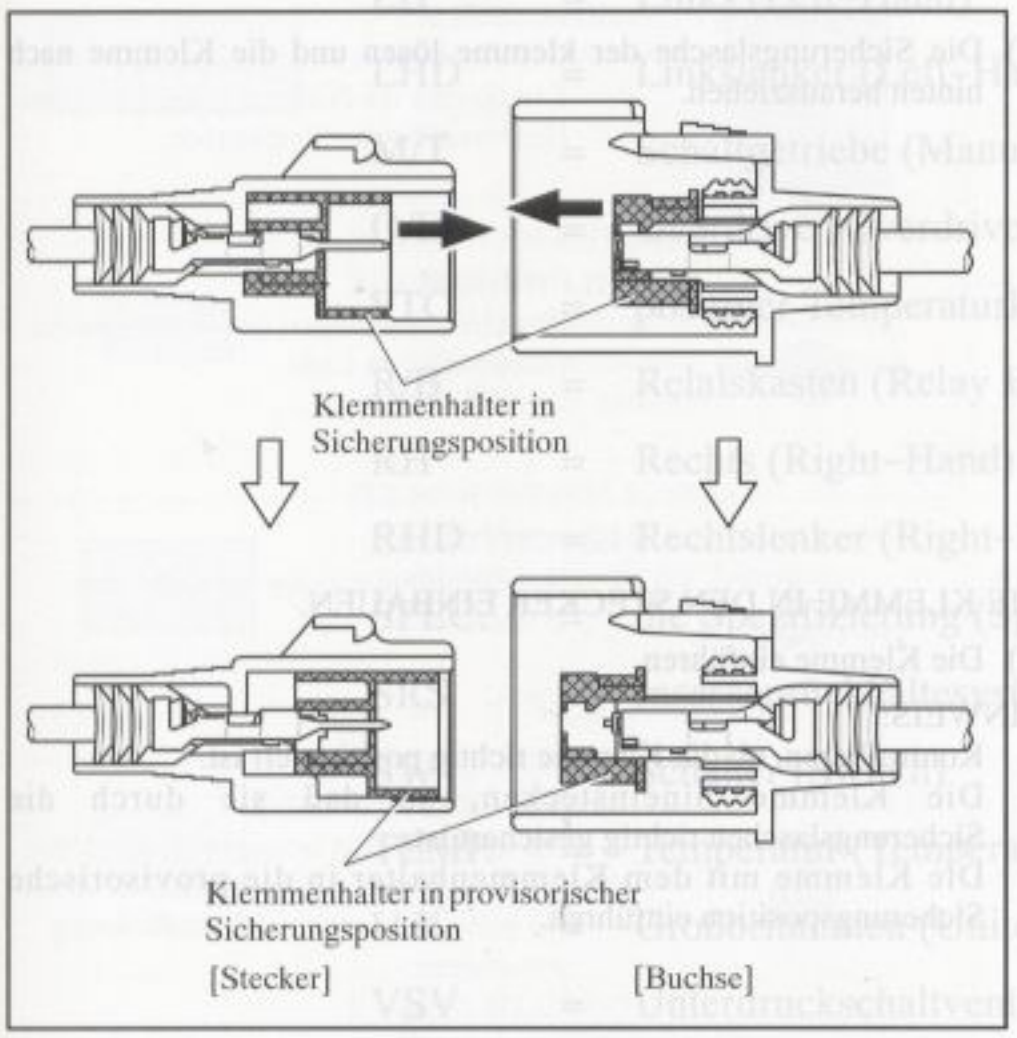
   HINWEIS : Die Stelle, an der die Nadel eingeführt wird, hängt vom Stecker (Klemmenzahl usw.) ab; daher muß diese Stelle vor dem Einführen genau kontrolliert werden.

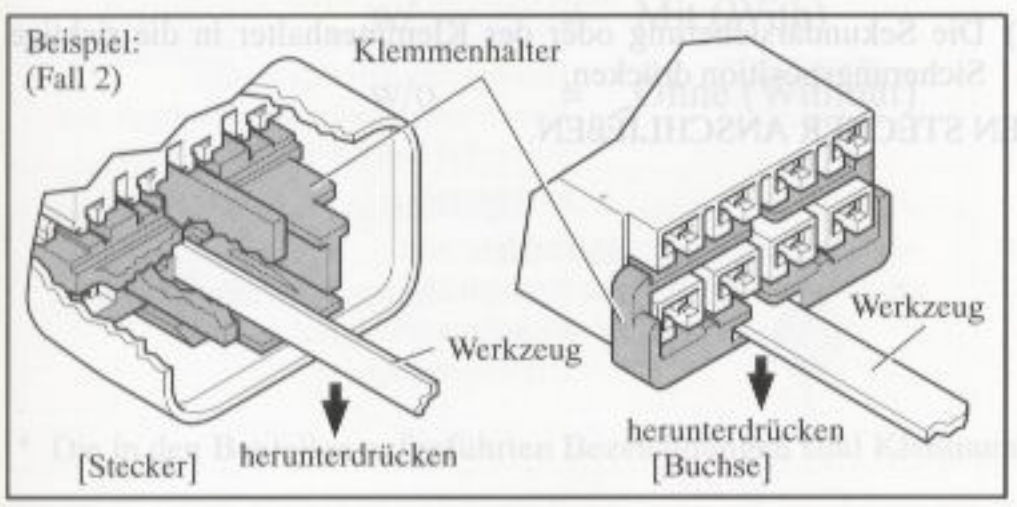
   Fall 1 : Den Klemmenhalter bis zur provisorischen Sicherungsposition hochheben.

   Fall 2 : Die Sekundärsicherung öffnen.









[B] Wasserdichte Stecker

HINWEIS : Die Farbe des Klemmenhalters hängt vom Stecker ab.

Beispiel:	
Klemmenhalter	: Stecker
schwarz oder weiß	: grau
schwarz oder weiß	: dunkelgrau
grau oder weiß	: schwarz

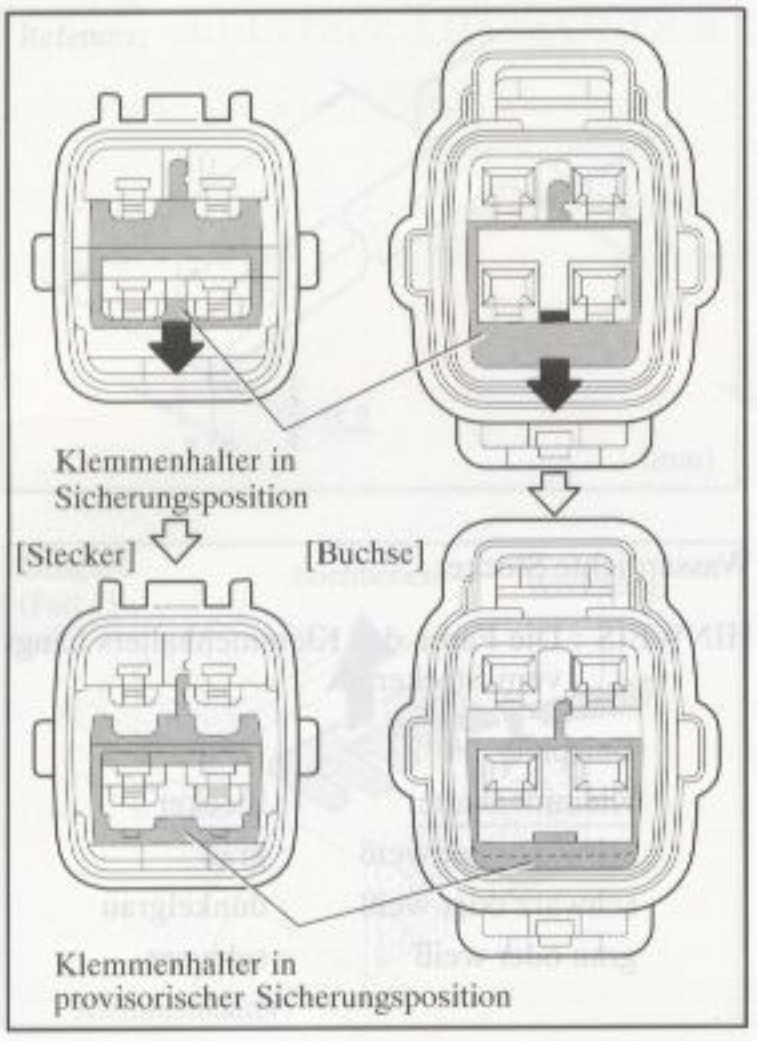
"Fall 1:"

Ausführung bei der Klemmenhalter bis zur provisorischen Sicherungsposition angehoben werden kann (Ziehausführung).
Das Spezialwerkzeug in die Klemmenöffnung (Markierung ▲) stecken und den klemmenhalter bis in die provisorische Sicherungsposition anheben.

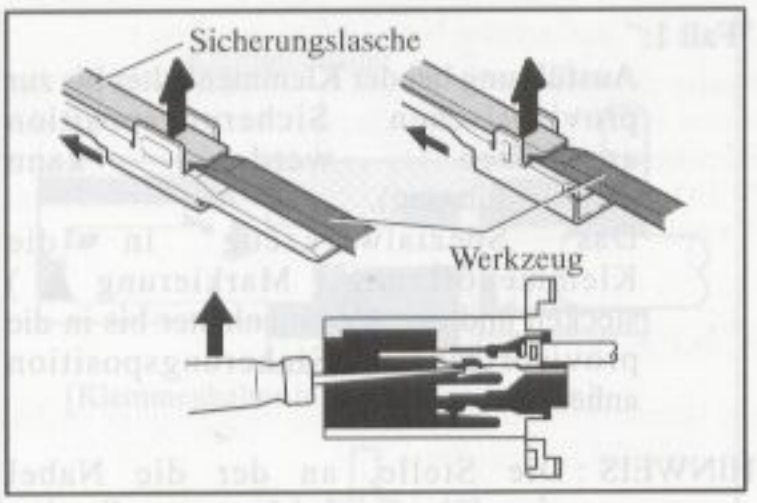
HINWEIS : Die Stelle, an der die Nabel eingeführt wird, hängt vom Stecker (Klemmenzahl usw.) ab; daher muß diese Stelle vor dem Einführen genau kontrolliert werden.

"Fall 2:"

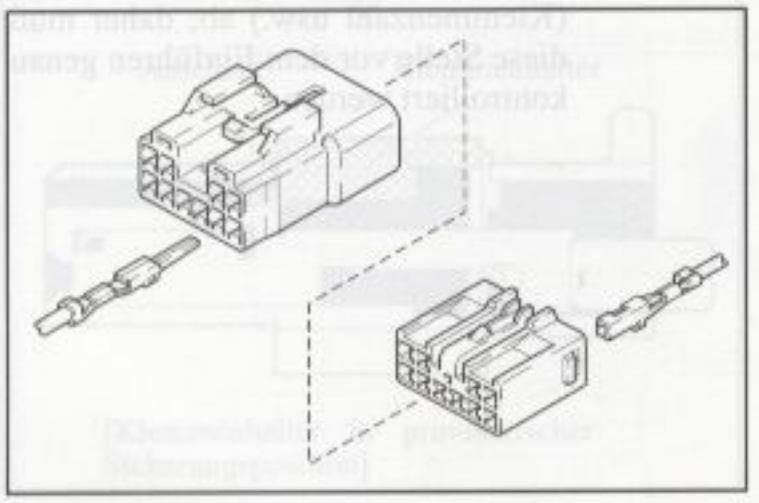
Bei der Ausführung bei der klemmenhalter nicht bis zur sicherung gezogen werden kann, das Werkzeug gerade in die klemmenhalteröffnung hineinstecken.



Den klemmenhalter nach unten in die provisorische Sicherungsposition drücken.



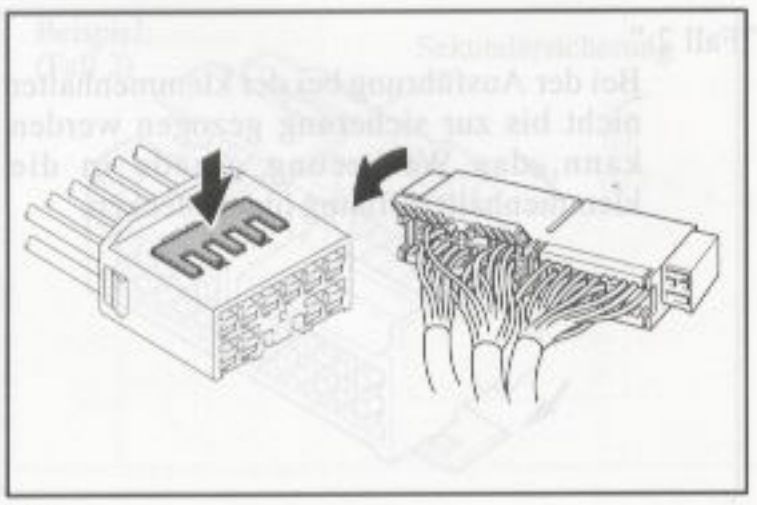
(c) Die Sicherungslasche der klemme lösen und die Klemme nach hinten herausziehen.



4. DIE KLEMME IN DEN STECKER EINBAUEN.

   (a) Die Klemme einführen.

   HINWEIS:
   1. Kontrollieren, ob die Klemme richtig positioniert ist.
   2. Die Klemme hineinstecken, so daß sie durch die Sicherungslaschen richtig gesichert ist.
   3. Die Klemme mit dem Klemmenhalter in die provisorische Sicherungsposition einführen.



   (b) Die Sekundärsicherung oder der Klemmenhalter in die richtige Sicherungsposition drücken.

5. DEN STECKER ANSCHLIEßEN.

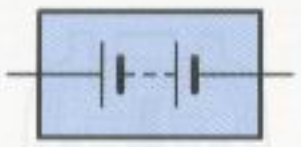
ABKÜRZUNGEN

In dieser Anleitung werden die folgenden Abkürzen gen verwendet.

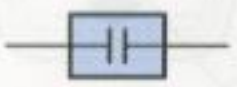
ABS	=	Antiblockierbremsen (Anti–Lock Brake System)
A/C	=	Klimaanlage (Air Conditioner)
A/T	=	Automatikgetriebe (Automatic Transaxle)
COMB.	=	Kombination (Combination)
DLC3	=	Datenübertragungsstecker 3 (Data Link Connector 3)
ECT	=	Elektronisch gesteuertes Getriebe (Electronic Control Transmission)
ECU	=	Steuergerät (Electronic Control Unit)
EFI	=	Elektronische Kraftstoffeinspritzung (Electronic Fuel Injection)
EVAP	=	Kraftstoffdampfsystem (Evaporative Emission)
ISC	=	Leerlaufdrehzahlregler (Idle Speed Control)
J/B	=	Anschlußkasten (Junction Block)
LH	=	Links (Left–Hand)
LHD	=	Linkslenker (Left–Hand Drive)
M/T	=	Schaltgetriebe (Manual Transaxle)
O/D	=	Overdrive (Overdrive)
PTC	=	positiver Temperaturkoeffizient (Positive Temperature Coefficient)
R/B	=	Relaiskasten (Relay Block)
RH	=	Rechts (Right–Hand)
RHD	=	Rechtslenker (Right–Hand Drive)
SPEC.	=	die Spezifizierung (Specification)
SRS	=	Insassenrückhaltesystem (Supplemental Restraint System)
SW	=	Schalter (Switch)
TEMP.	=	Temperatur (Temperature)
U.K.	=	Großbritannien (United Kingdom)
VSV	=	Unterdruckschaltventil (Vacuum Switching Valve)
w/	=	Mit (With)
w/o	=	Ohne (Without)

* Die in den Bauteilen aufgeführten Bezeichnungen sind Klemmenbezeichnungen und keine Abkürzungen.

E BEZEICHNUNGEN UND SYMBOLE



BATTERIE
Wandelt chemische in elektrische Energie um elektrische Verbraucher mit Gleichstrom zu versorgen.

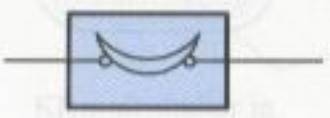


KONDENSATOR
Speichert kurzzeitig eine elektrische Spannung.



ZIGARETTENANZÜNDER
Verwendet ein elektrisches Wiederstandsheizelement.

UNTERBRECHER



Grundsätzlich eine wiederverwendbare Sicherung. Bei zu großem Stromfluß wird der Kontakt durch die entstehende Hitze unterbrochen. Bei einigen Typen wird der Kontakt automatisch beim Abkühlen geschlossen während er bei anderen Typen von Hand zurückgestellt werden muß.



DIODE
Ein Halbleiter, der den Stromfluß in nur einer Richtung zuläßt.

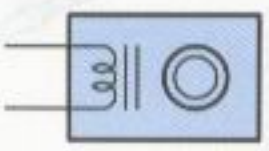
ZENERDIODE



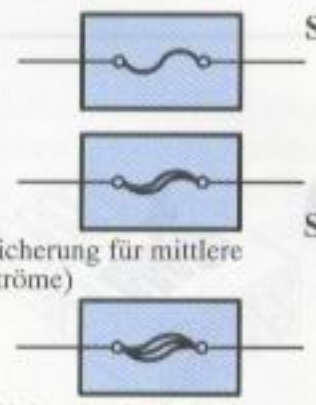
Eine Diode, die den Stromfluß in nur einer Richtung zuläßt, aber in der anderen Richtung der Stromfluß nur bis zu einer gewissen Spannung verhindert, und darüber durchläßt. Die Wirkung gleicht daher einem einfachen Spannungsregler.



FOTODIODE
Die Fotodiode ist ein Halbleiter, der den Stromfluß entsprechend der Lichtmenge steuert.



ZÜNDVERTEILER, IIA
Führt die Hochspannung von der Zündspule zu den einzelnen Zündkerzen.



SICHERUNG
Ein dünner Metallstreifen schmilzt bei einer Überlastung um den Stromfluß zu unterbrechen und damit die Schaltkreise vor Beschädigung zu schützen.

(Sicherung für mittlere Ströme)

SCHMELZSICHERUNG
Ein dicker Draht in den Schaltungen mit hohem Stromfluß, der bei Überlastung durchbrennt um die Schaltkreise zu schützen. Die Zahlen geben die Querschnittsfläche der Kabel an.

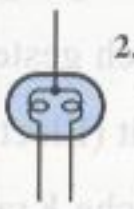
(Sicherung für hohe Ströme oder Schmelzsicherung)

MASSE
Der Anschlußpunkt an die Karosserie, Ohne Masseanschluß kann kein Strom fließen.



SCHEINWERFER

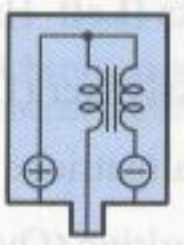
1. EINFACHER GLÜHDRAHT
Durch den Stromfluß erhitzt sich der Glühdraht und erzeugt Licht. Die Scheinwerferglühbirne kann entweder einen oder zwei Glühdrähte enthalten.



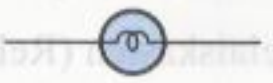
2. ZWEI GLÜHDRÄHTE.



HUPE
Ein Gerät zur Erzeugung eines lauten akustischen Signals.



ZÜNDSPULE
Wandelt für den Zündfunken der Zündkerzen die Niederspannung in einen Hochspannungs–Gleichstrom.



GLÜHBIRNE
Der Stromfluß erhitzt den Glühdraht zur Erzeugung von Licht.



LEUCHTDIODE
Der Stromfluß erzeugt ein Licht ohne Wärme.



ANALOGINSTRUMENT
Die Anzeigenadel bewegt sich durch den durch die Magnetspule fließenden Strom um einen Wert relativ zur Kalibrierung anzuzeigen.

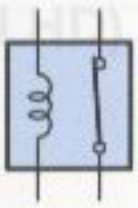


DIGITALINSTRUMENT
Die Leuchtdioden, Flüssigkristallelemente oder Fluoreszenzanzeige werden durch den Stromfluß betätigt um einen Wert anzuzeigen.

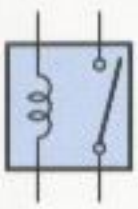


MOTOR
Wandelt elektrische in mechanische Energie, vorwiegend in eine Drehbewegung.

RELAIS



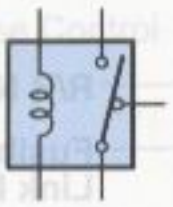
1. GESCHLOSSENER KONTAKT IN RUHESTELLUNG.



2. UNTERBROCHENER KONTAKT IN RUHESTELLUNG

Grundsätzlich ein elektrisch betätiger Schalter dessen Kontakt in Ruhestellung entweder geschlossen (1) oder unterbrochen (2) ist. Ein durch die kleine Spule fließender Strom erzeugt zum Betätigen des Schalters ein Magnetfeld.

ZWEIWEGRELAIS



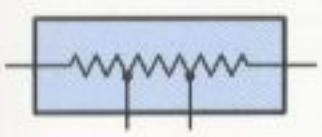
Ein Relais, das den Stromfluß über zwei verschiedene Kontakte leitet.

WIDERSTAND



Ein fester widerstand in einem Schaltkreis zur Herabsetzung der Spannung.

MEHRFACHWIDERSTAND



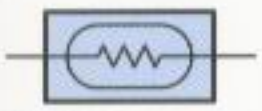
Ein Widerstand mit zwei oder mehr festen Widerstandswerten.

REGELWIDERSTAND ODER RHEOSTAT



Ein Widerstand mit veränderlichem Widerstandswert, auch Potentiometer oder Rheostat genannt.

SENSOR (HEISSLEITER)



Ein Widerstand, dessen Widerstandswert sich abhängig von der Temperatur ändert.

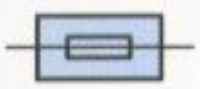
MAGNETSENSOR



(Reedschaltertyp)

Ein Schalter wird zur Betätigung anderer Komponenten durch Magnetimpulse ein- bzw. ausgeschaltet.

KURZSCHLUSSSTIFT



Für eine elektrische Verbindung in einem Anschlußkasten verwendet.

SOLENOID



Eine elektromagnetische Spule die zur Betätigung eines Stiftes usw. durch den Stromfluß ein Magnetfeld erzeugt.

LAUTSPRECHER

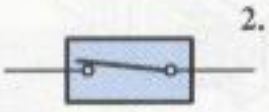


Erzeugt akustische Signale durch den Stromfluß.

SCHALTER



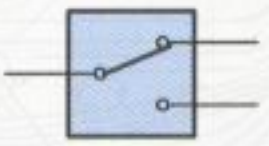
1. GESCHLOSSENER KONTAKT IN RUHESTELLUNG



2. UNTERBROCHENER KONTAKT IN RUHESTELLUNG

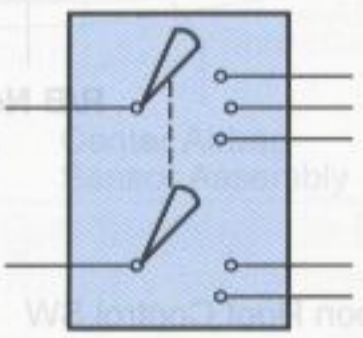
Steuert den Stromfluß im Schaltkreis durch Schließen (1) bzw. Unterbrechen des Kontakts.

ZWEIWEGSCHALTER



Ein Schalter der den Stromfluß zu zwei verschiedenen Kontakten steuert.

ZÜNDSCHALTER



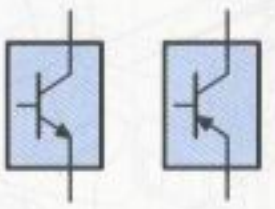
Ein durch den Zündschlüssel betätigten Schalter um den Primärzündschaltkreis ein- und auszuschalten.

SCHEIBENWISCHER-ANSCHLAGSSCHALTER



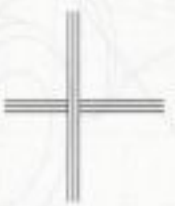
Stellt die Scheibenwischer nach dem Ausschalten automatisch in die Anschlagsposition zurück.

TRANSISTOR

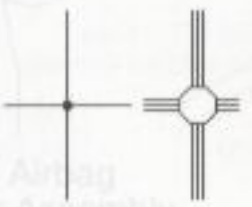


Wird normalerweise in elekronischen Relais verwendet, um den Stromfluß, abhängig von der Basisspannung ein- oder auszuschalten.

KABEL



(1) NICHT VERBUNDEN

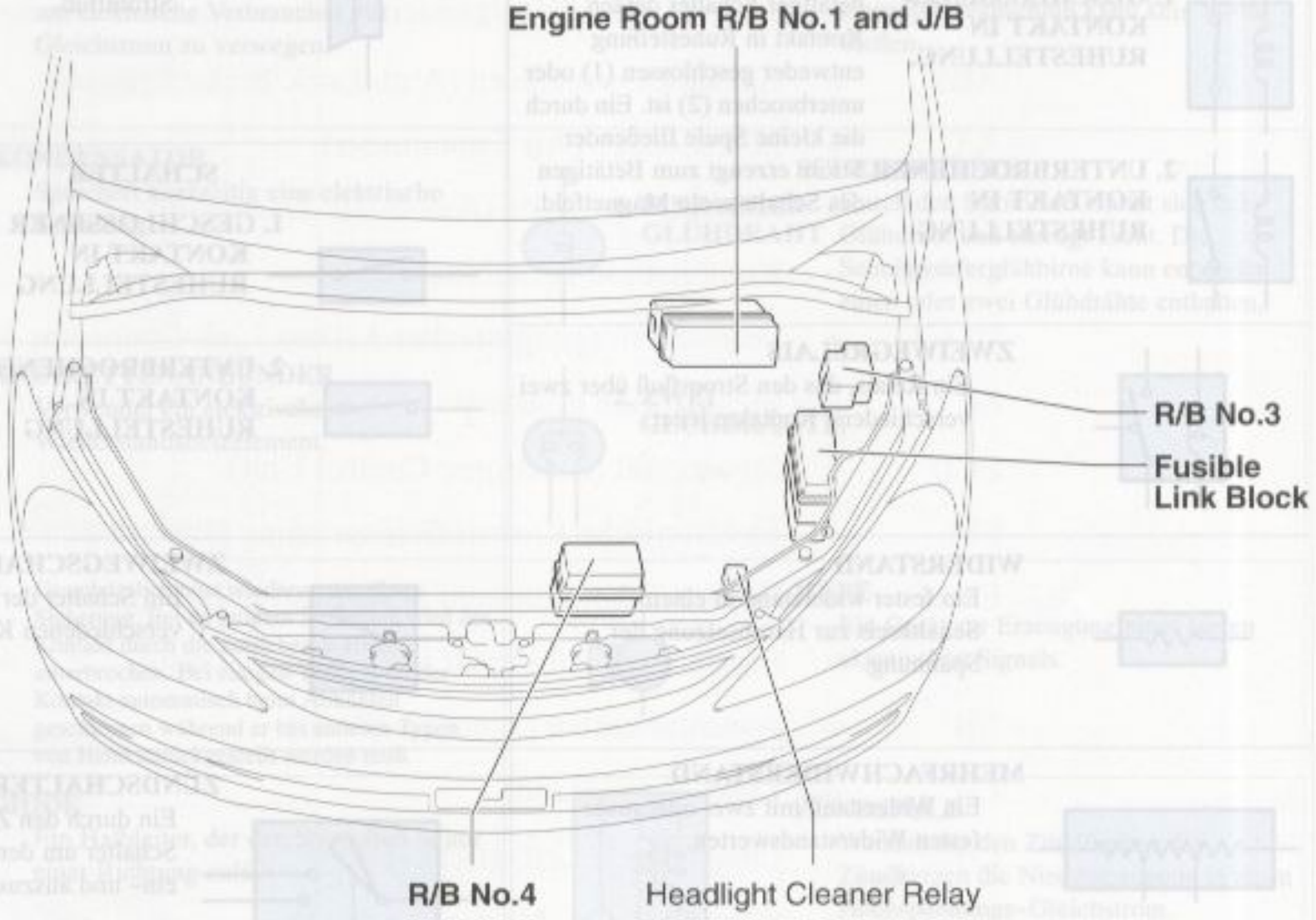


(2) VERZWEIGT

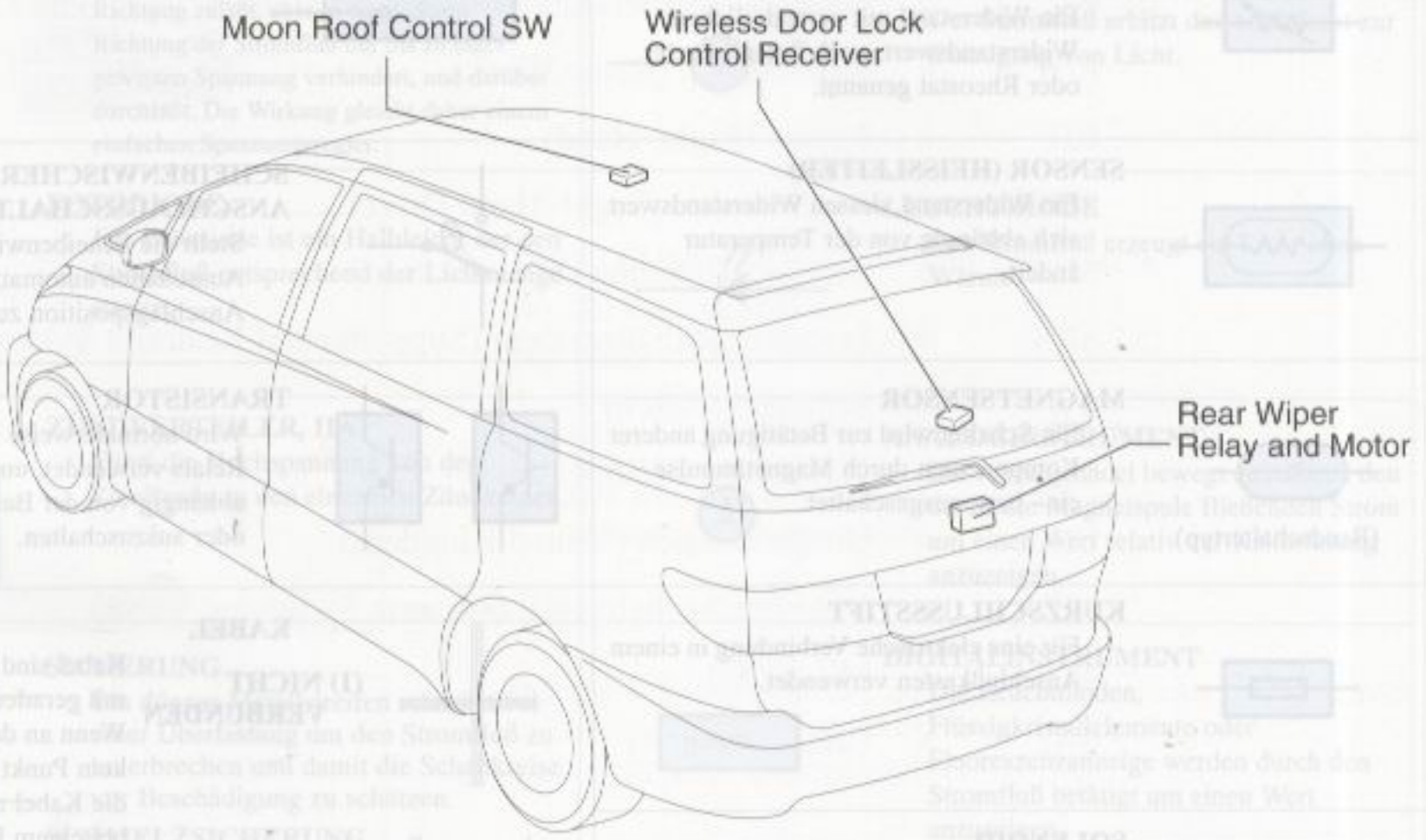
Kabel sind im Schema immer mit geraden Linien bezeichnet. Wenn an der Kreuzungsstelle kein Punkt vorhanden ist, sind die Kabel nicht verbunden (1), bei einem Punkt (0) sind die Kabel an der Kreuzungsstelle verzweigt (2).

F RELAY LOCATIONS

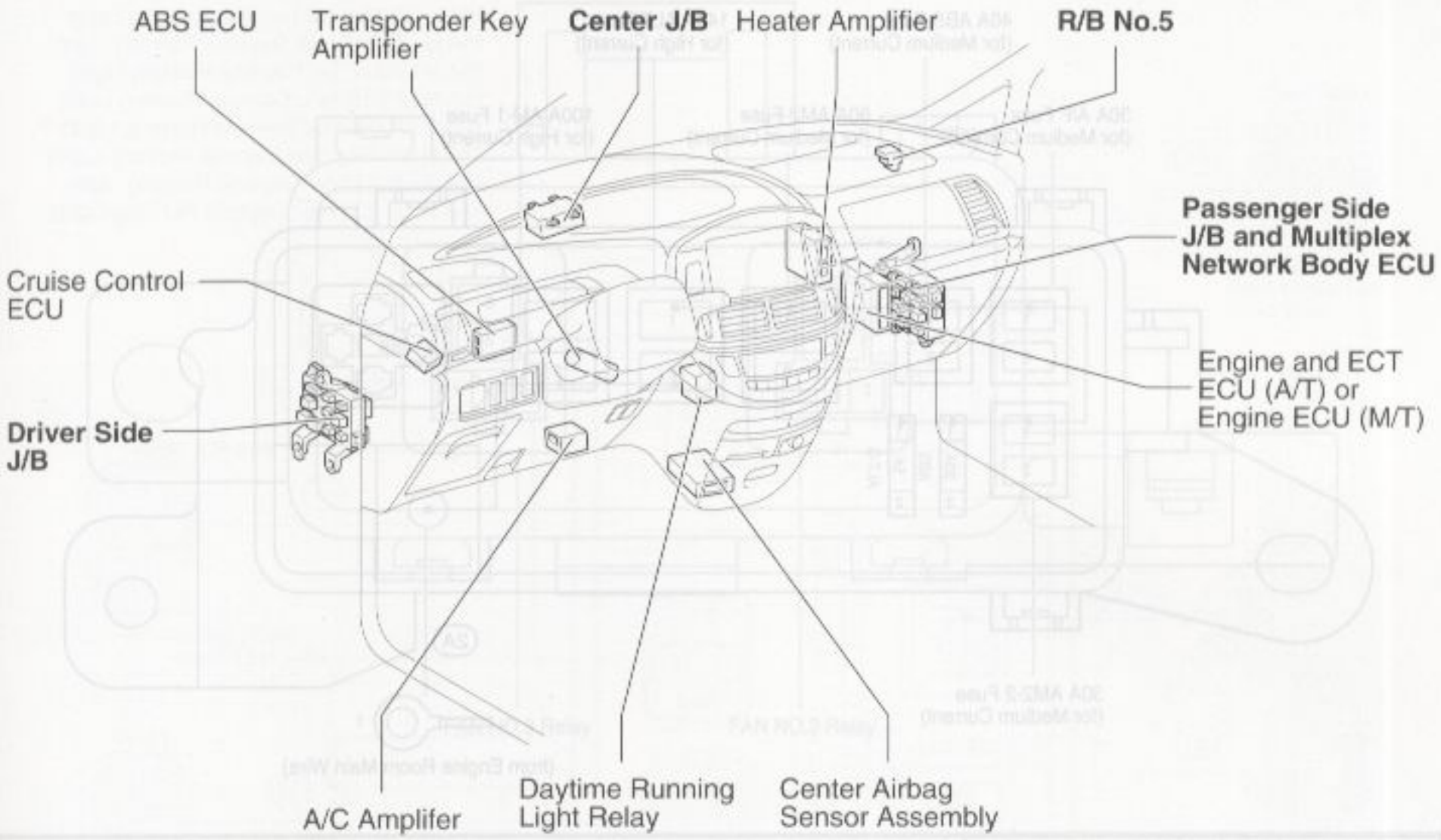
[Engine Compartment]



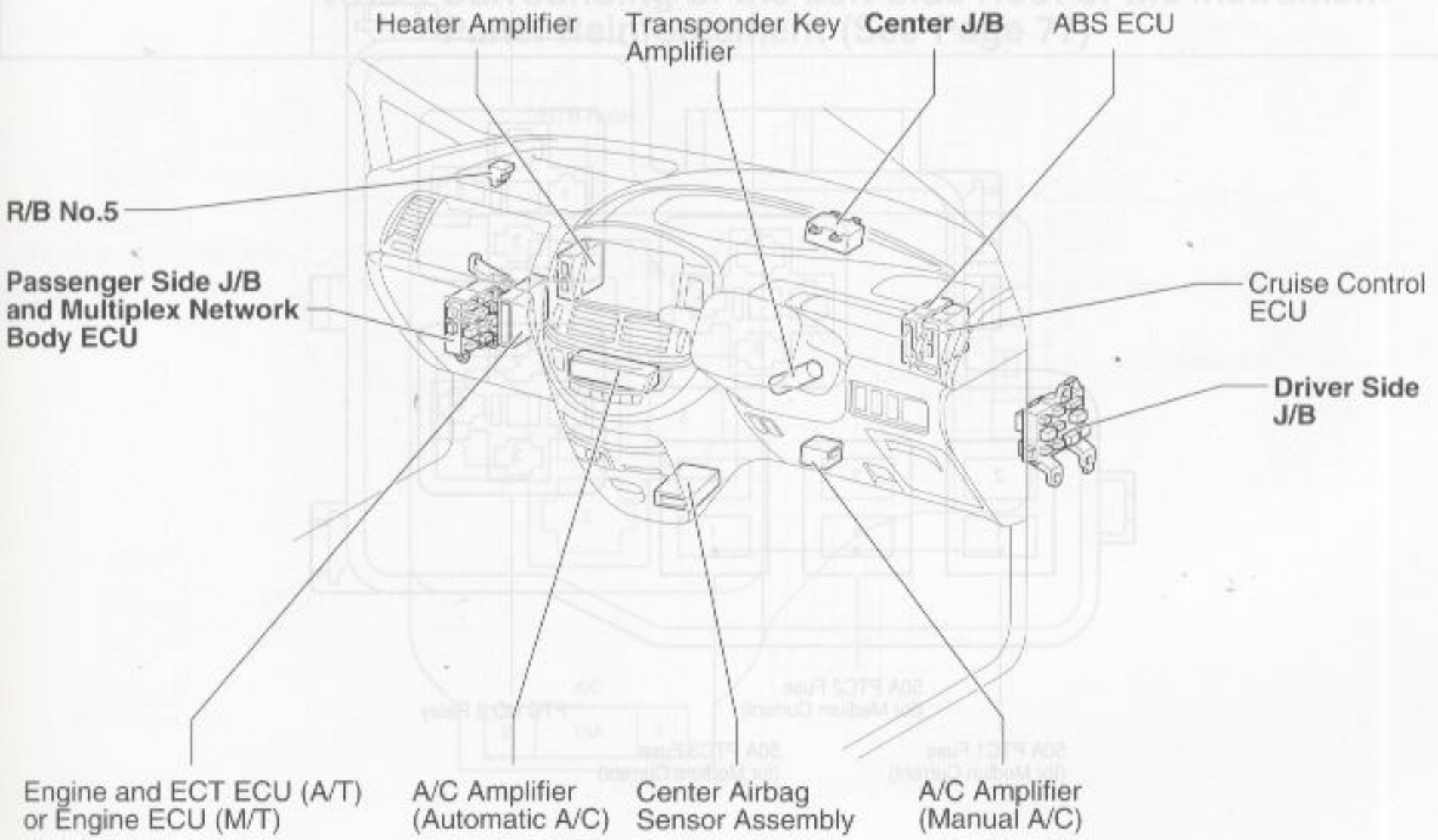
[Body]



[Instrument Panel]
(LHD)

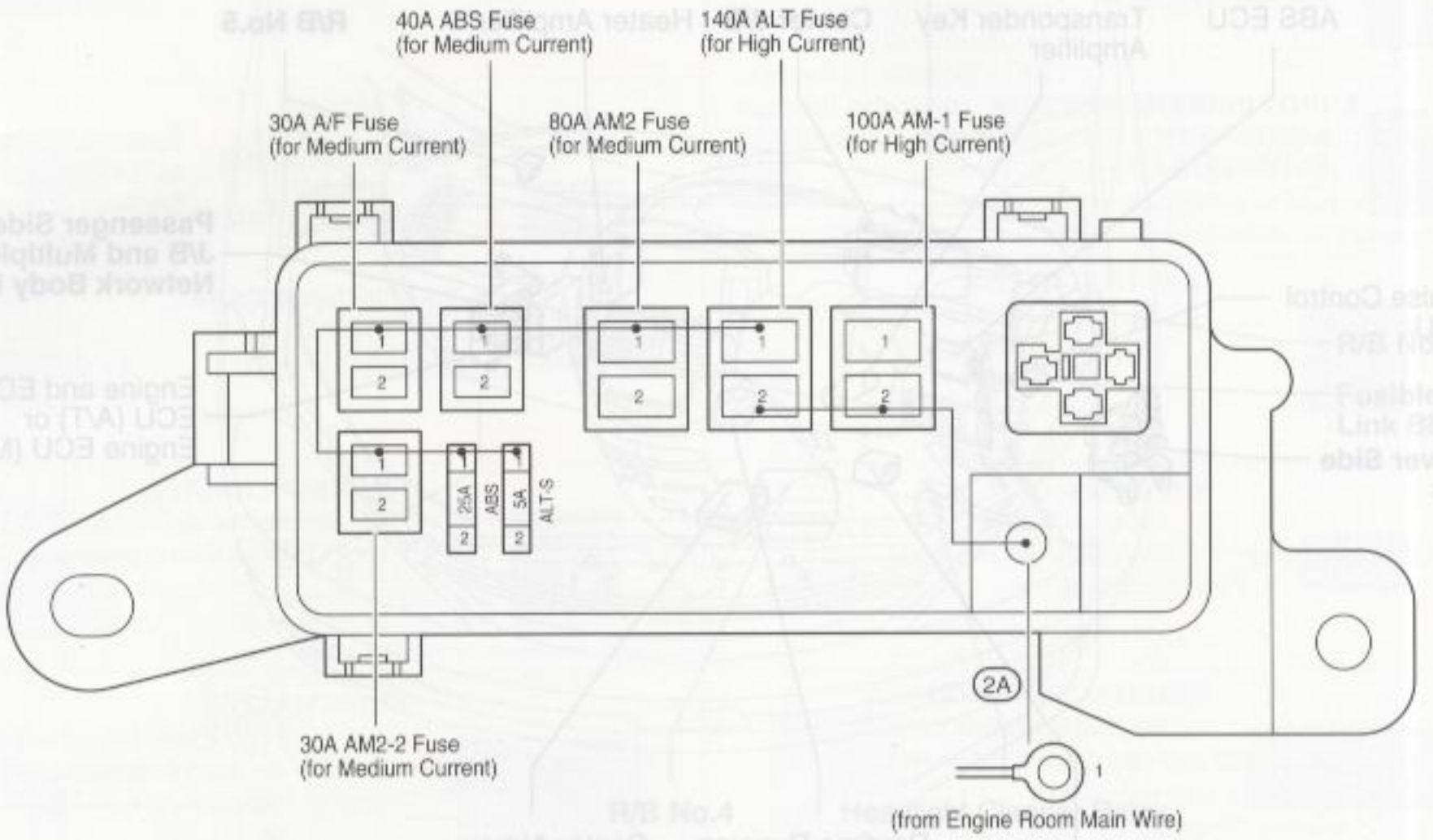


(RHD)

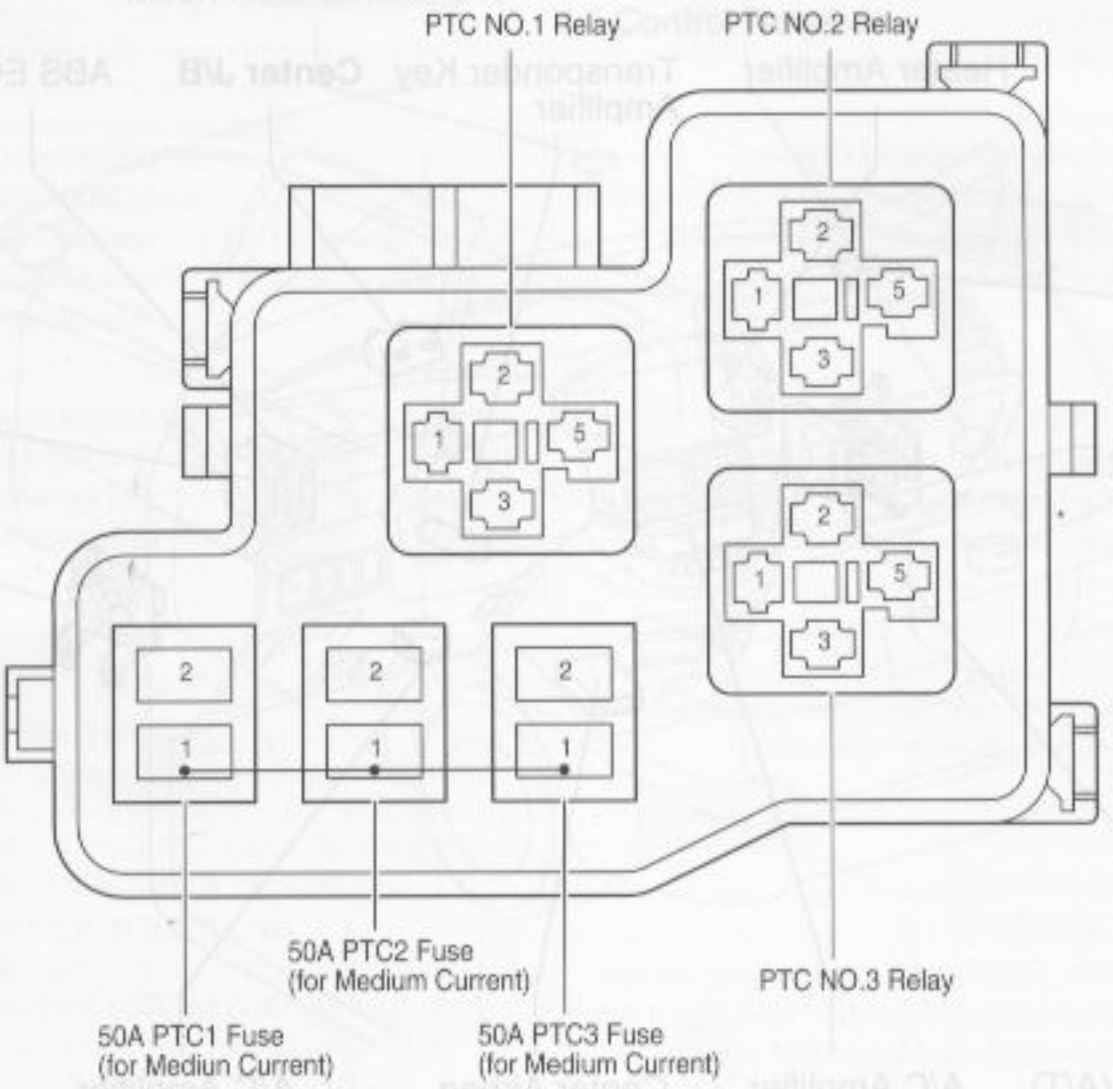


F RELAY LOCATIONS

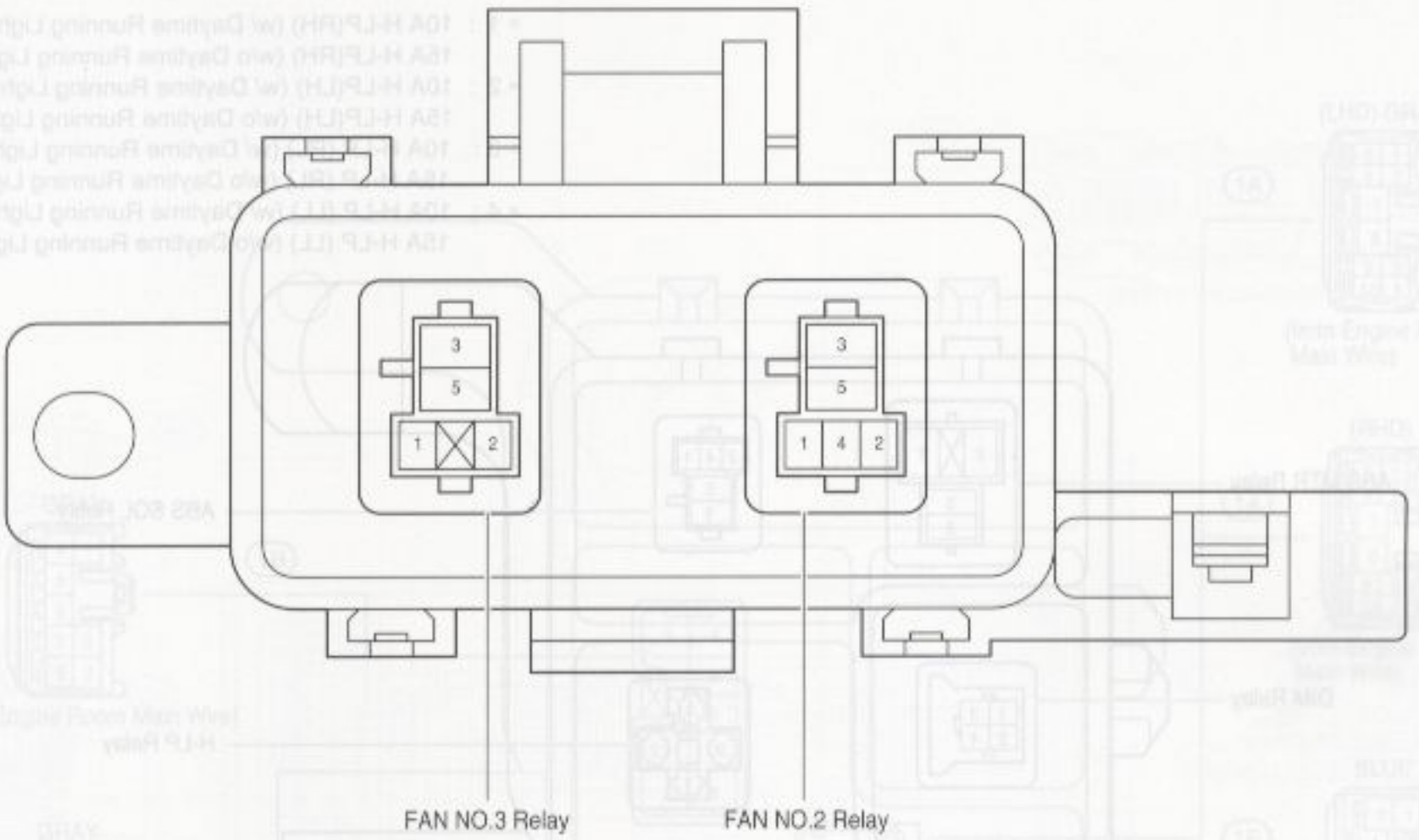
② : Fusible Link Block	Left of the Battery (See Page 76)



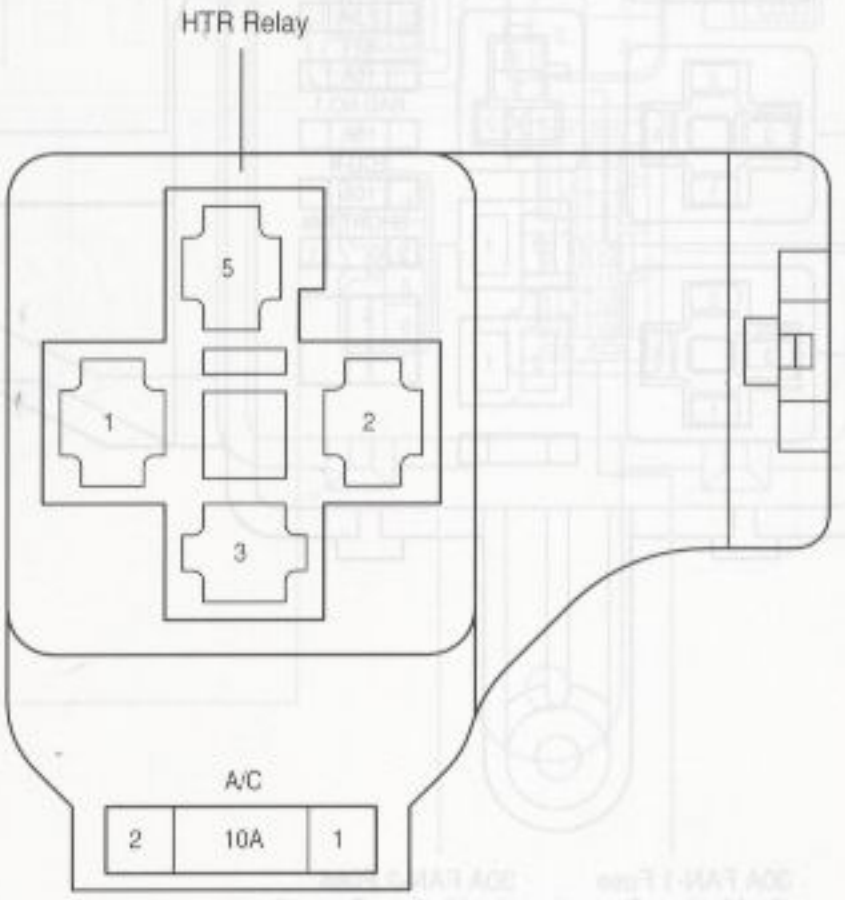
③ : R/B No.3	Front of the Left Suspension Tower (See Page 76)



④ : R/B No.4	Surrounding of the Left Radiator Support (See Page 76)

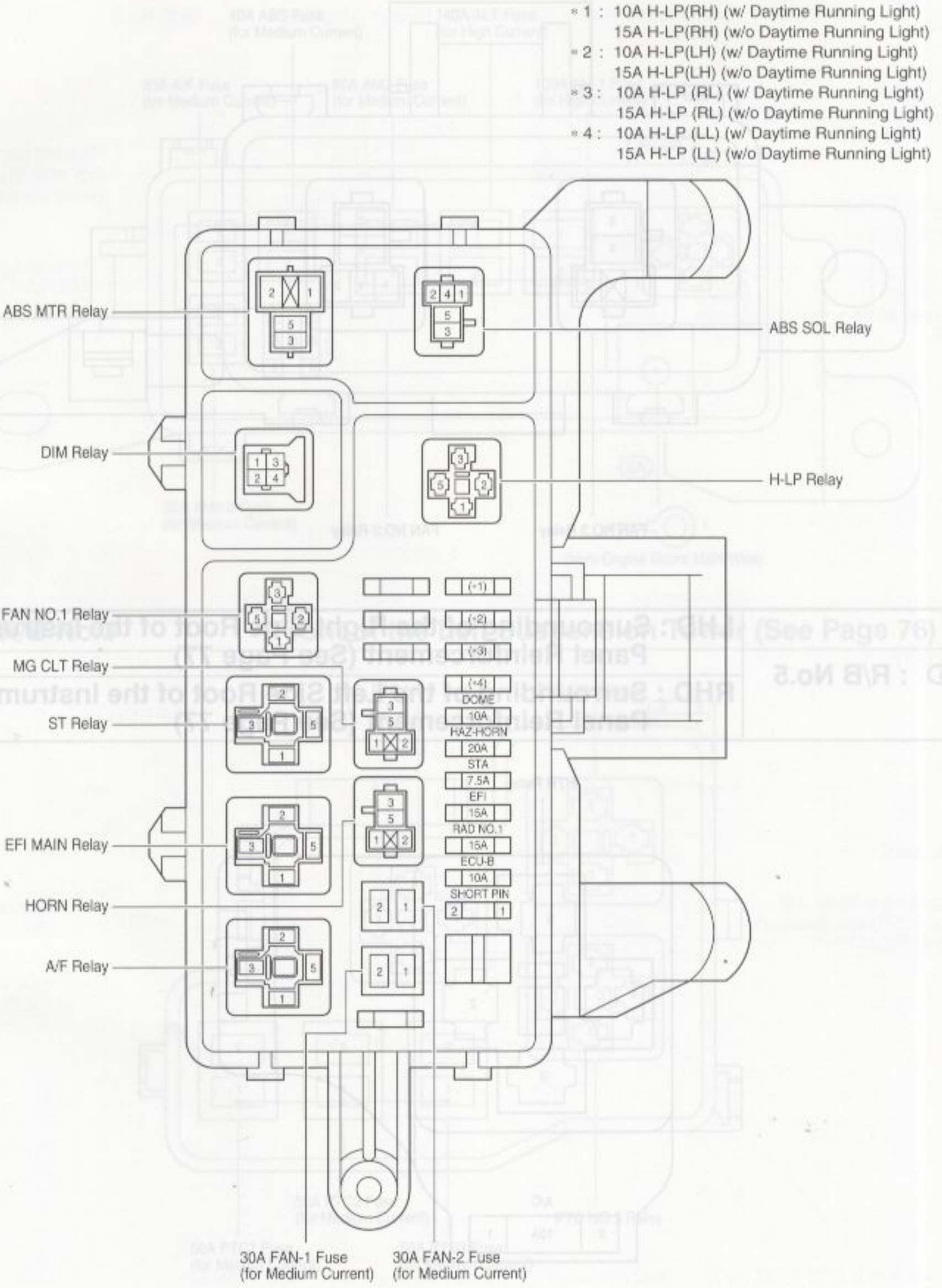


⑤ : R/B No.5	LHD : Surrounding of the Right Side Root of the Instrument Panel Reinforcement (See Page 77)
	RHD : Surrounding of the Left Side Root of the Instrument Panel Reinforcement (See Page 77)

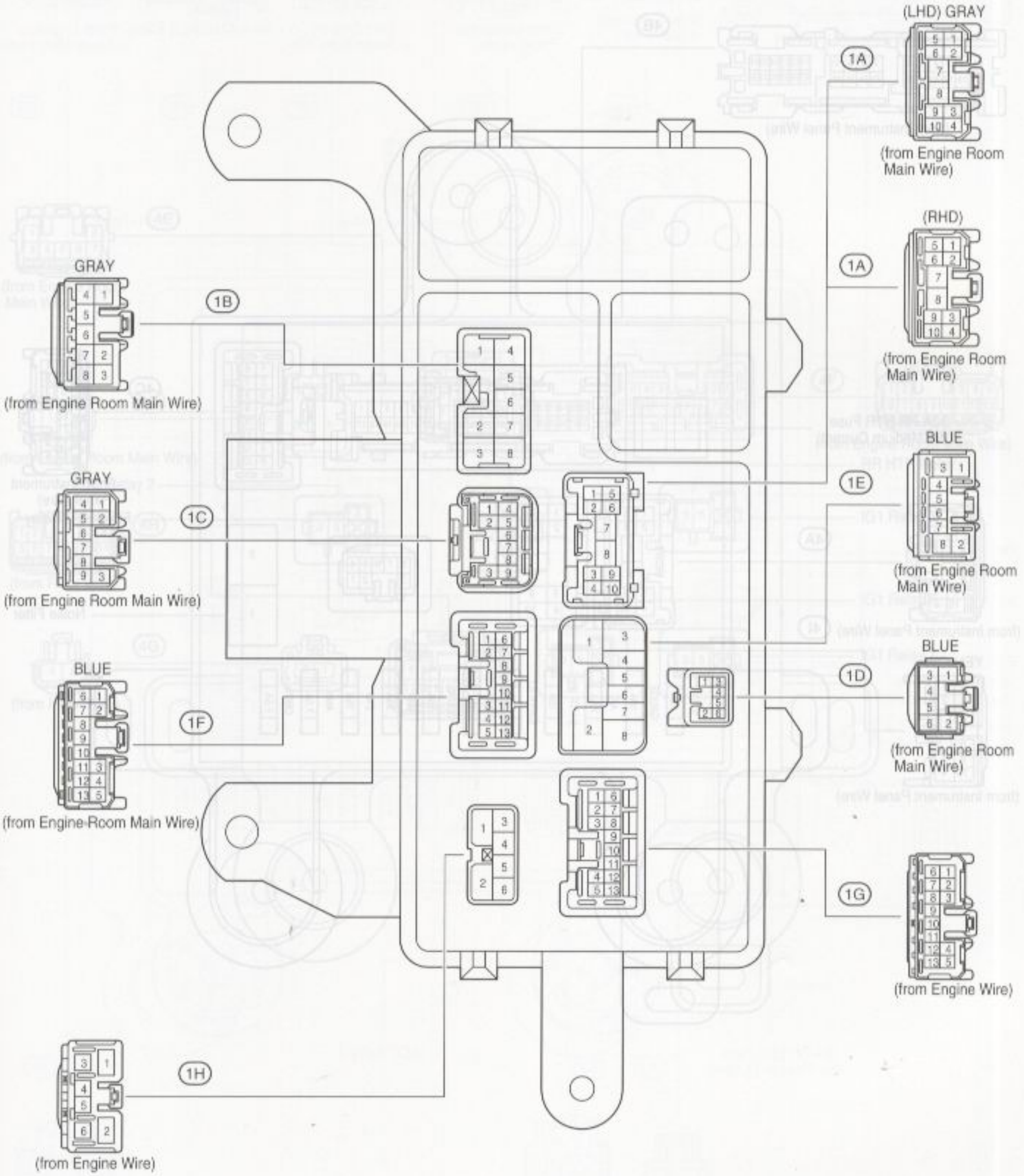


F RELAY LOCATIONS

① : Engine Room R/B No.1 and J/B	Left of the Air Cleaner (See Page 76)

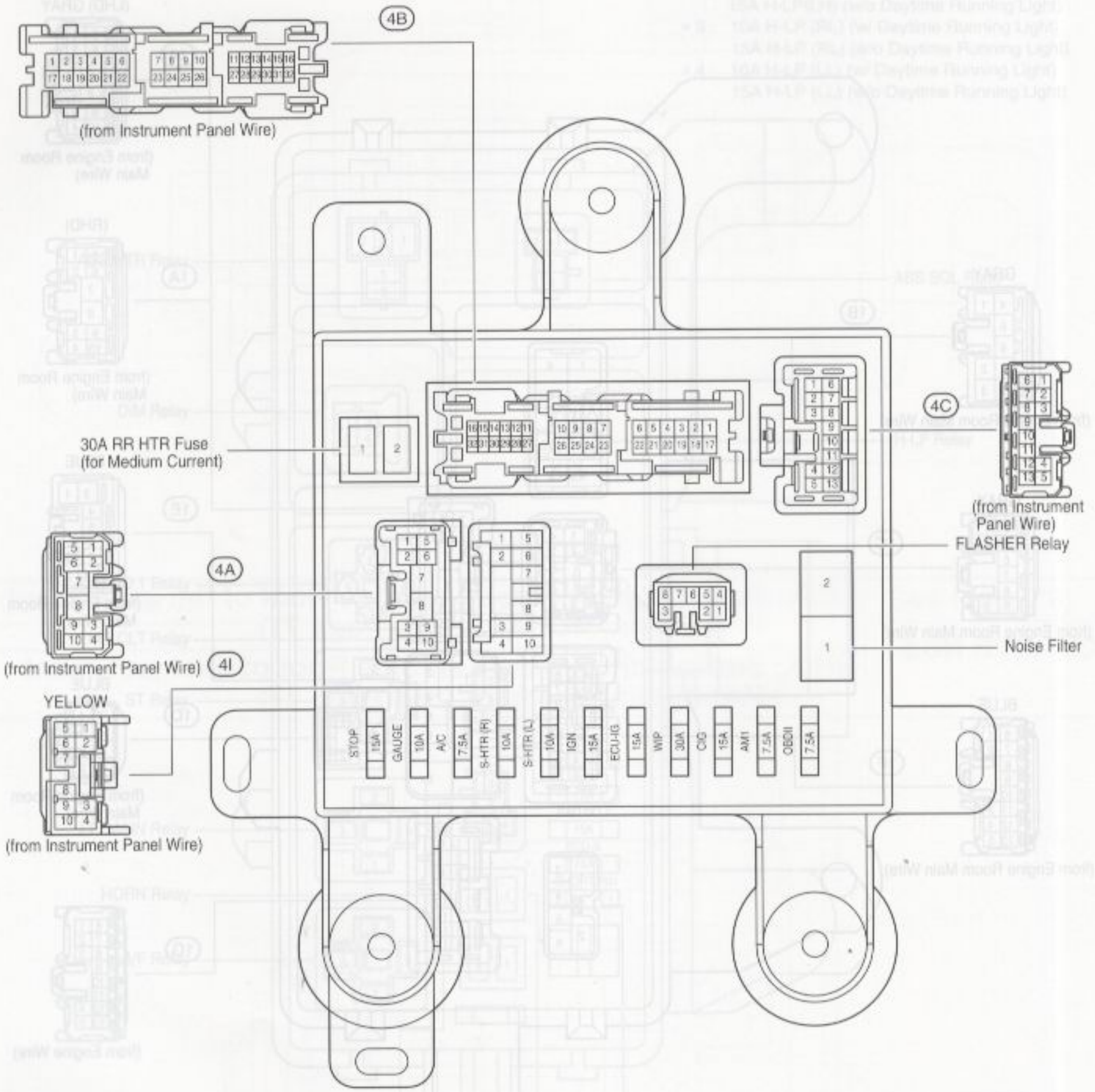


(Inner Circuit : See Page 90)

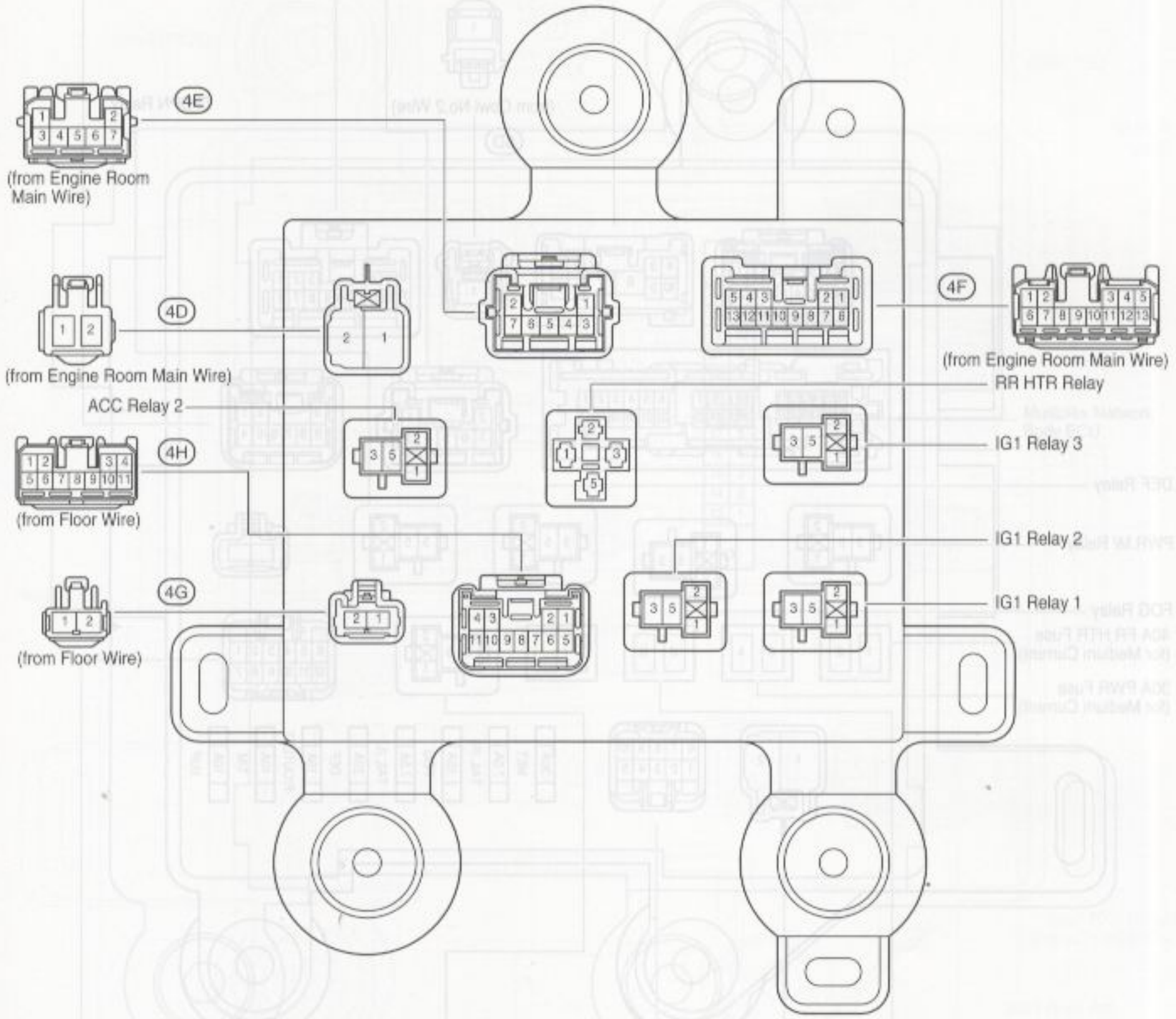


F RELAY LOCATIONS

: Driver Side J/B	Cowl Side of the Driver's Seat (See Page 77)



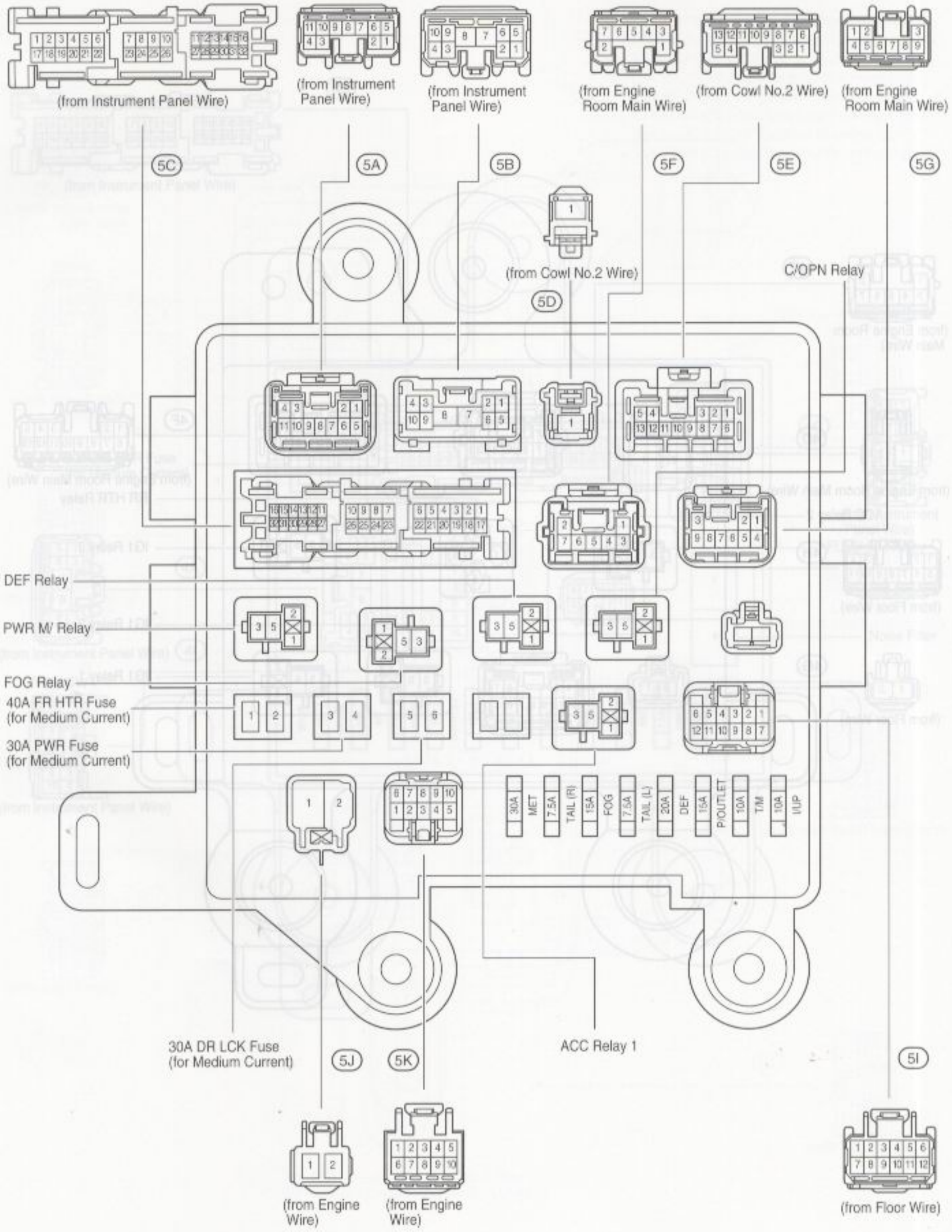
(Inner Circuit : See Page 91)



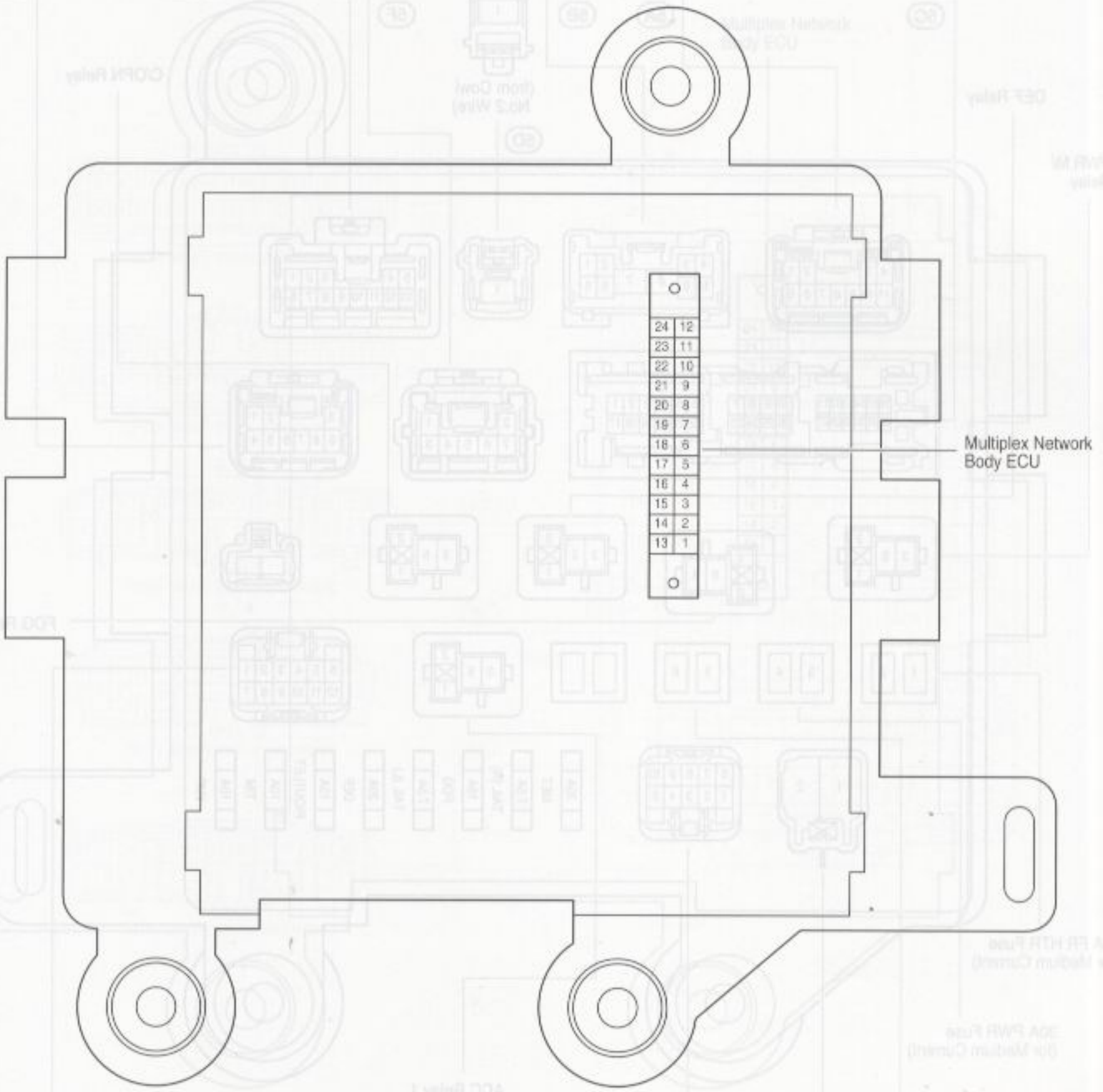
F RELAY LOCATIONS

: Passenger Side J/B	Cowl Side of the Front Passenger's Seat (See Page 77)

[LHD]



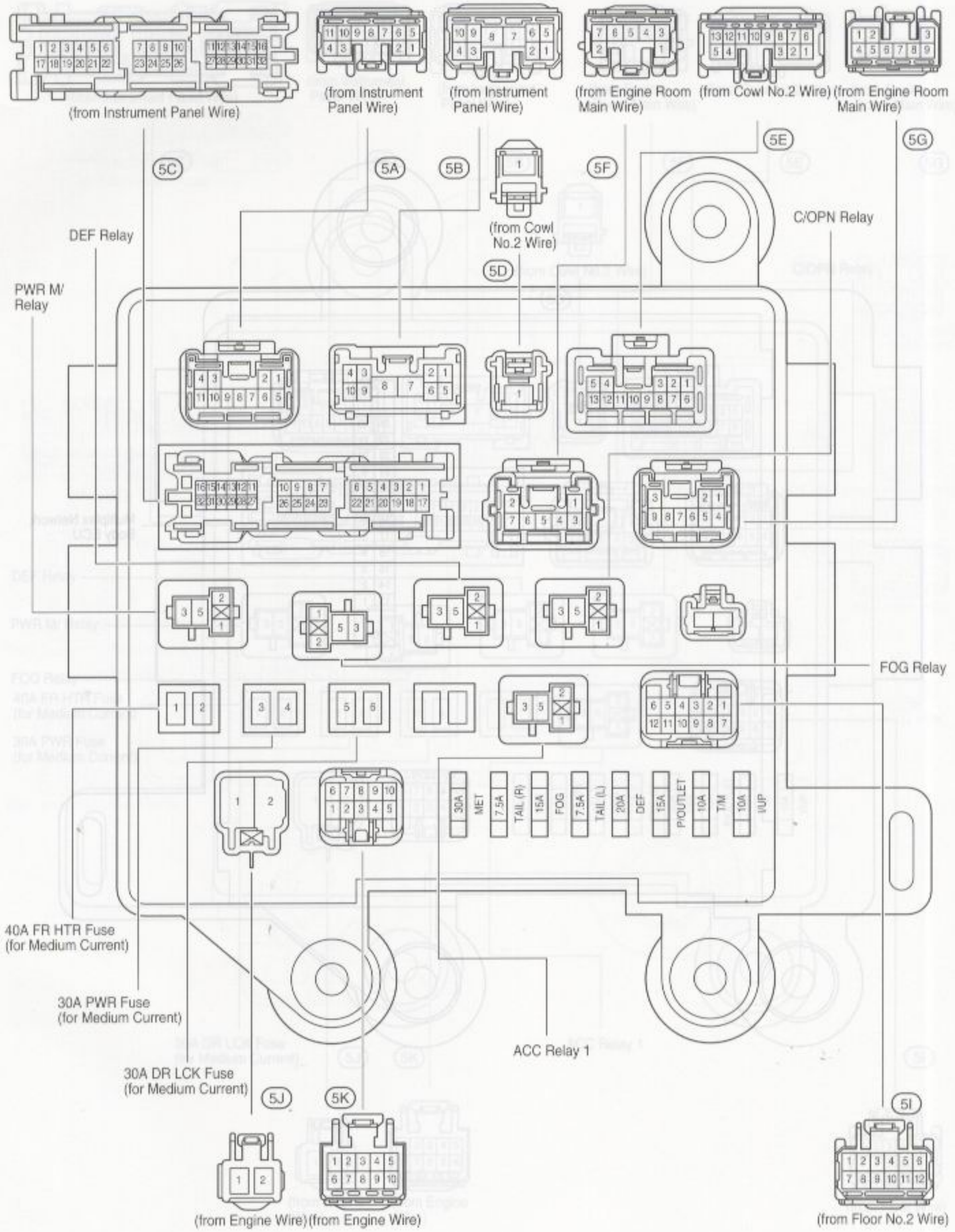
(Inner Circuit : See Page 92)



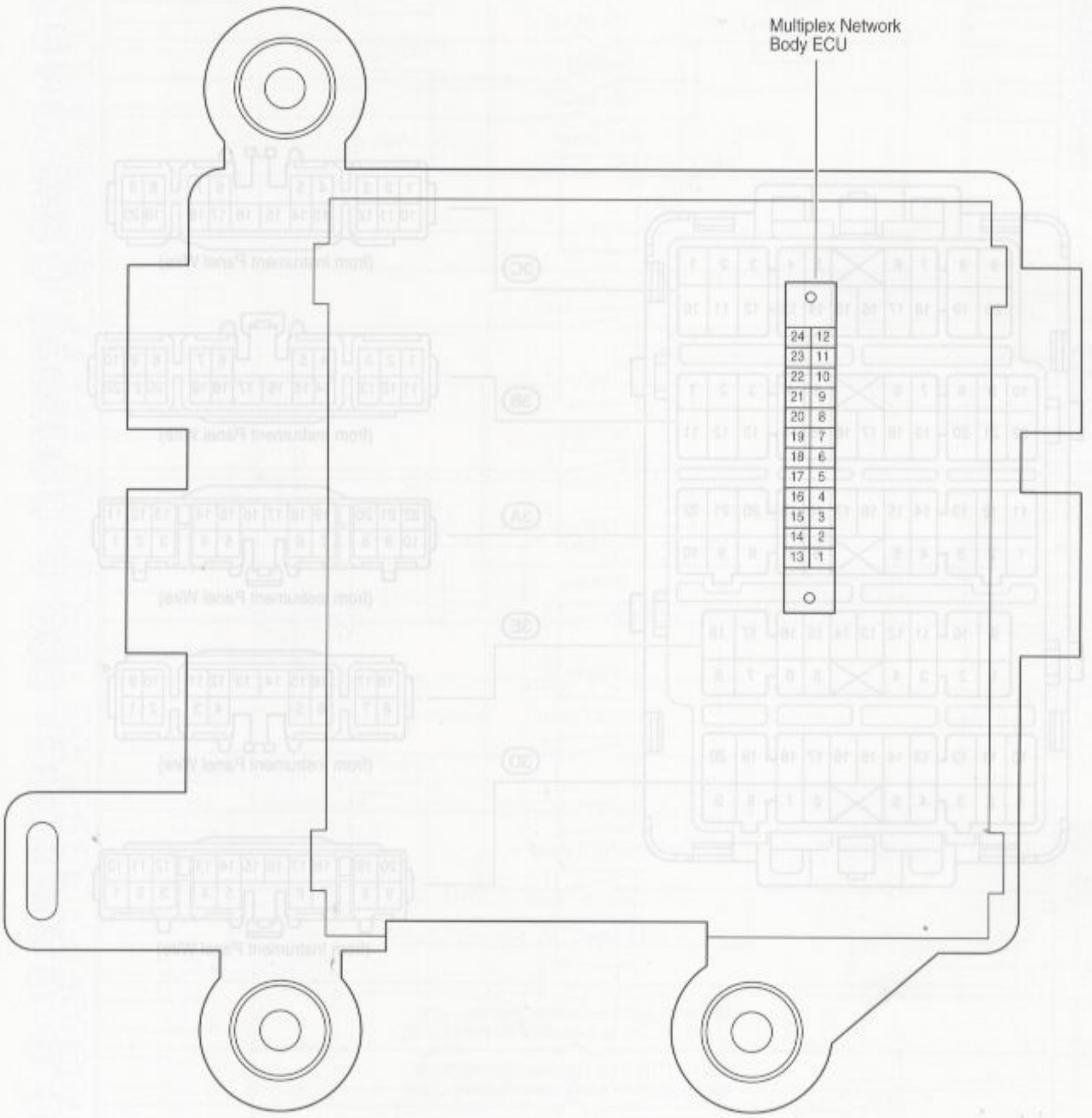
F RELAY LOCATIONS

: Passenger Side J/B	Cowl Side of the Front Passenger's Seat (See Page 77)

[RHD]



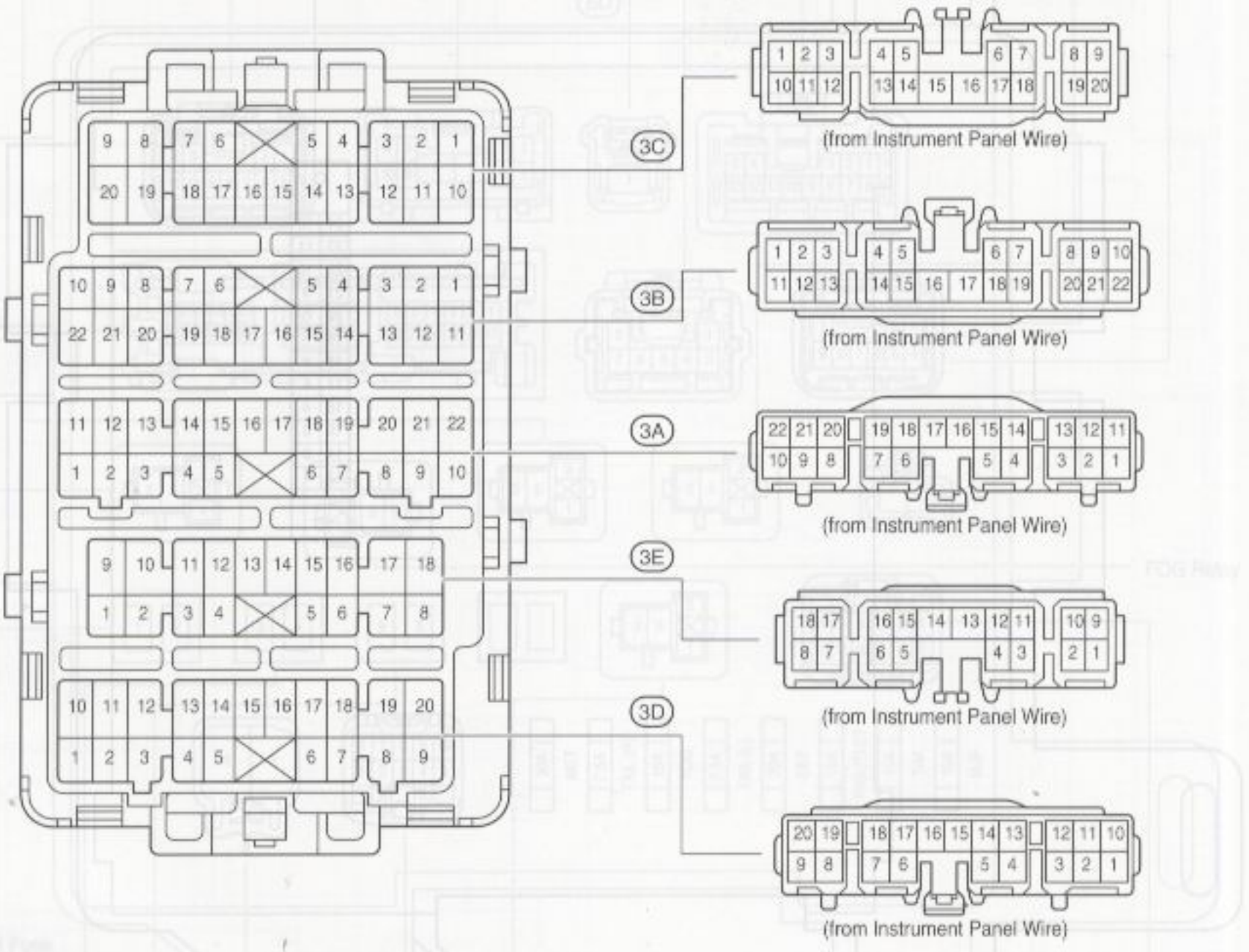
(Inner Circuit : See Page 92)



F RELAY LOCATIONS

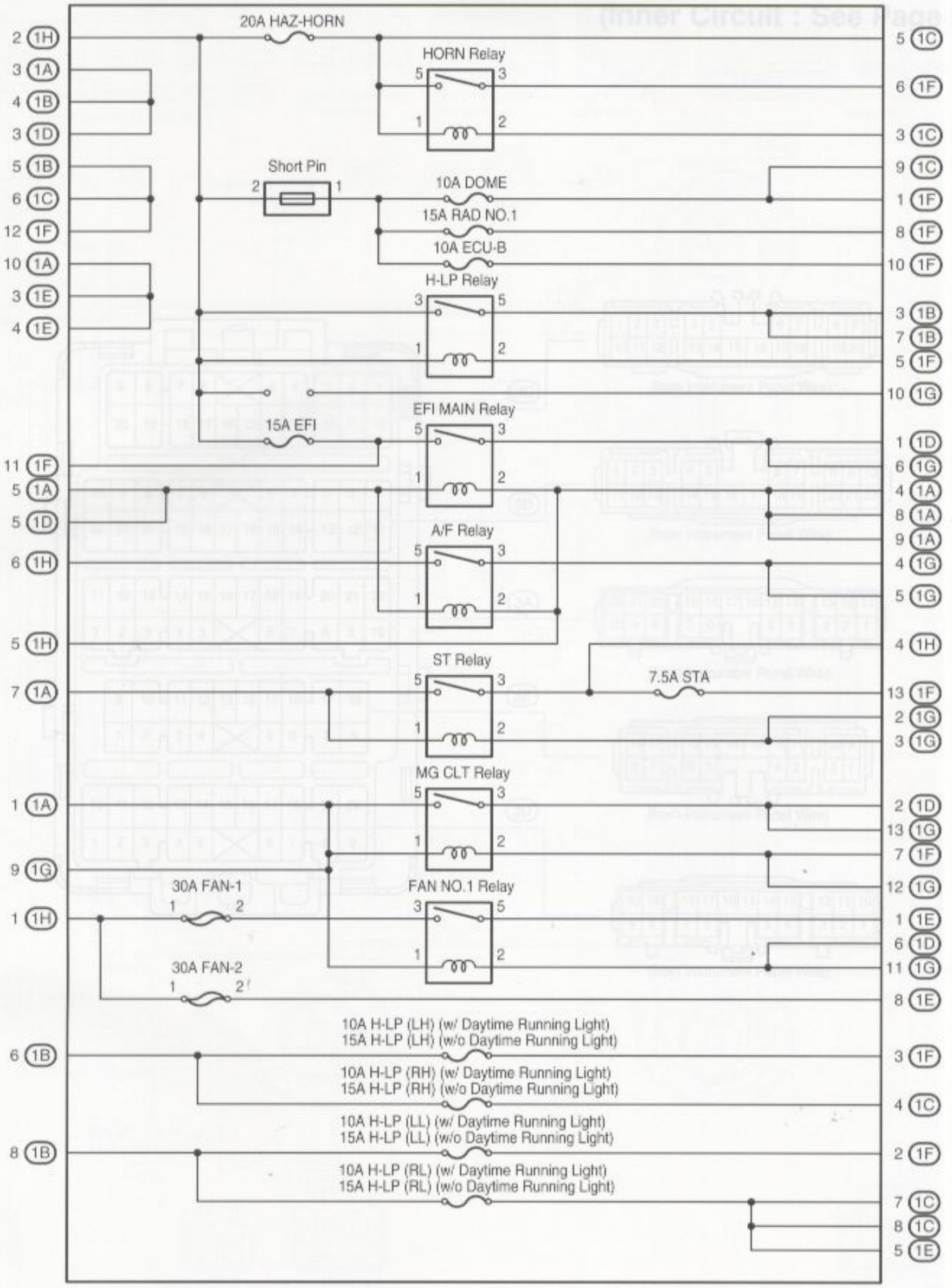
⬭ : Center J/B	LHD : Left of the Combination Meter (See Page 77)
	RHD : Right of the Combination Meter (See Page 77)

(Inner Circuit : See Page 93)

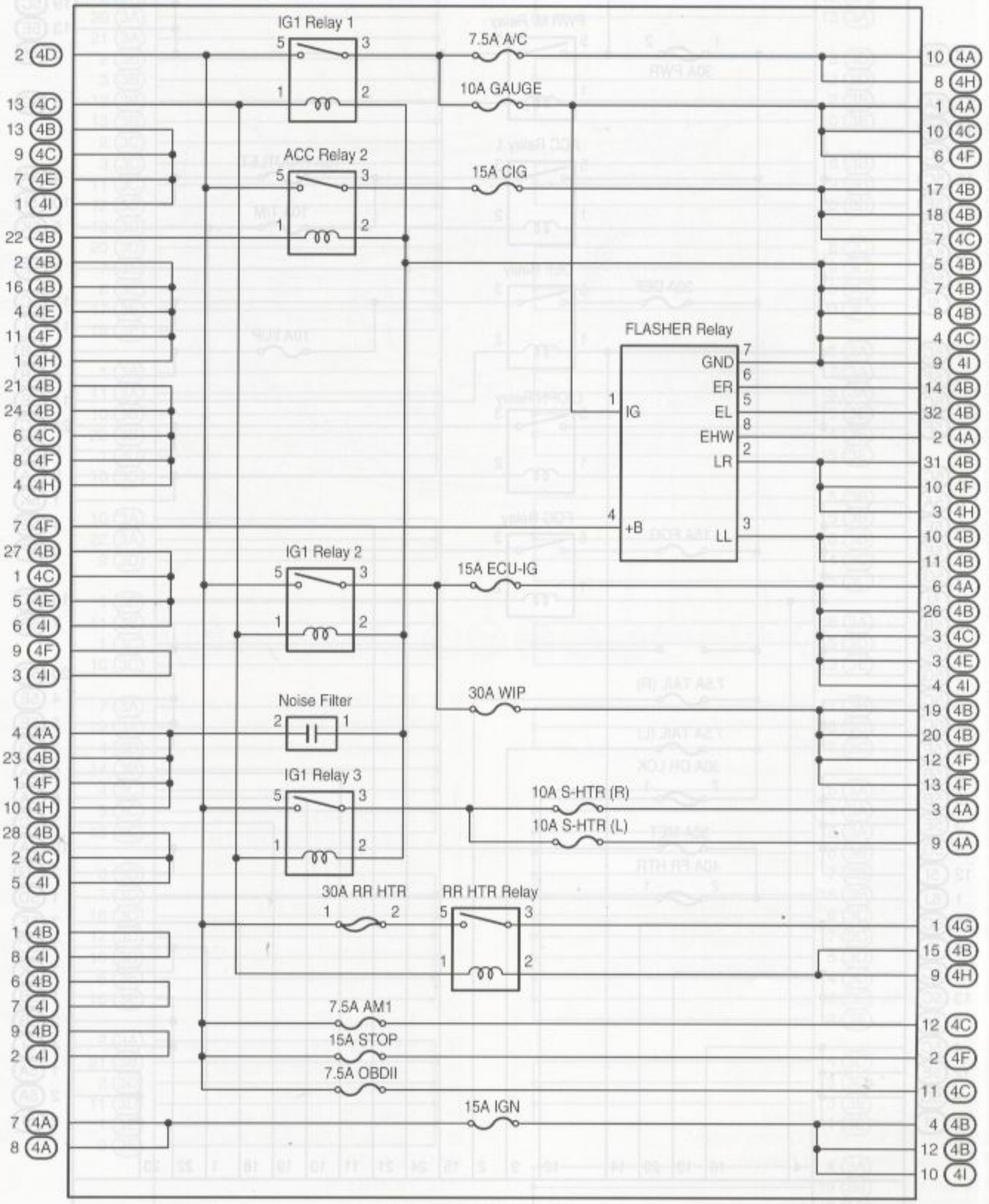


F RELAY LOCATIONS

[Engine Room J/B Inner Circuit]

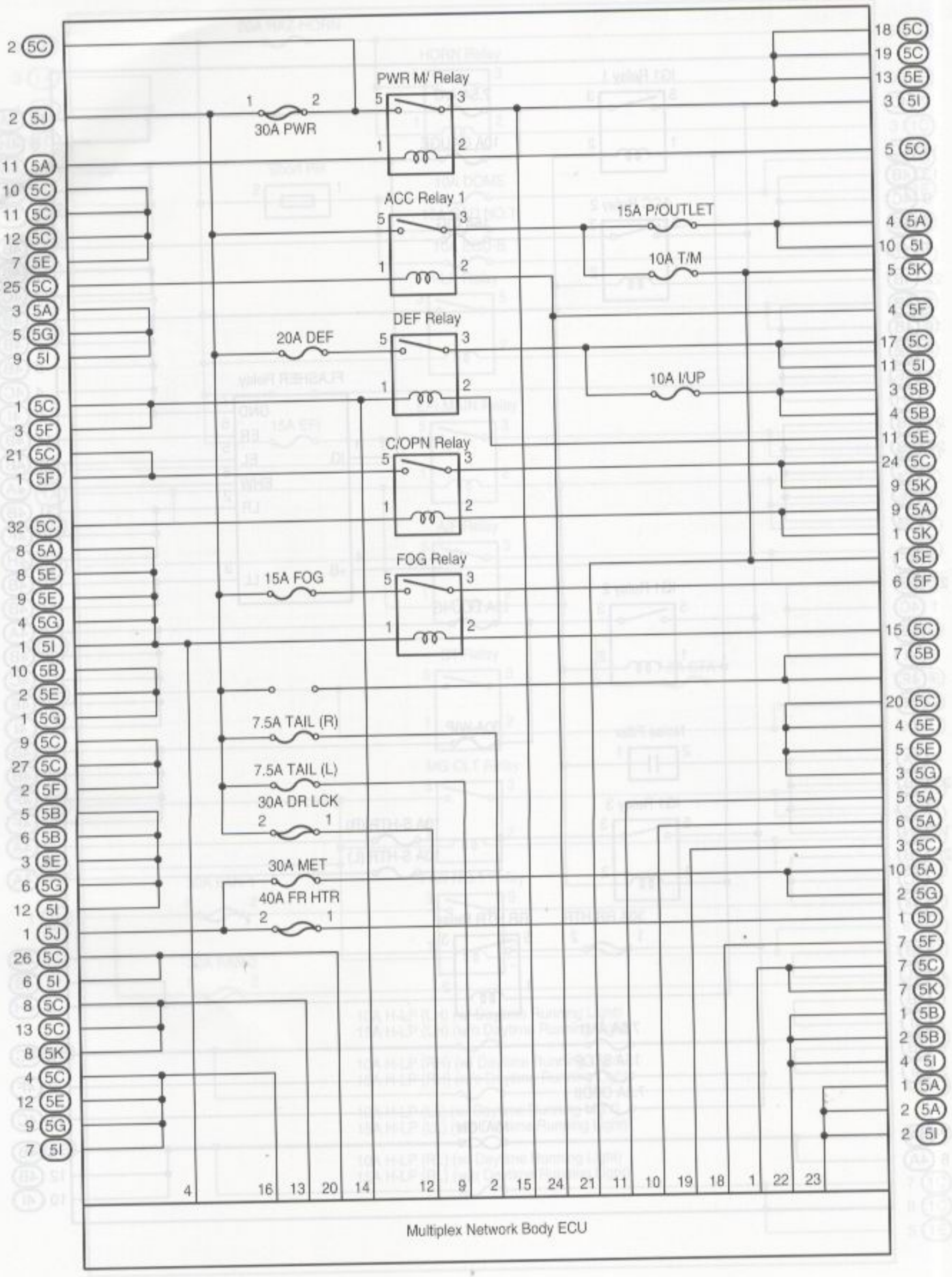


[Driver Side J/B Inner Circuit]

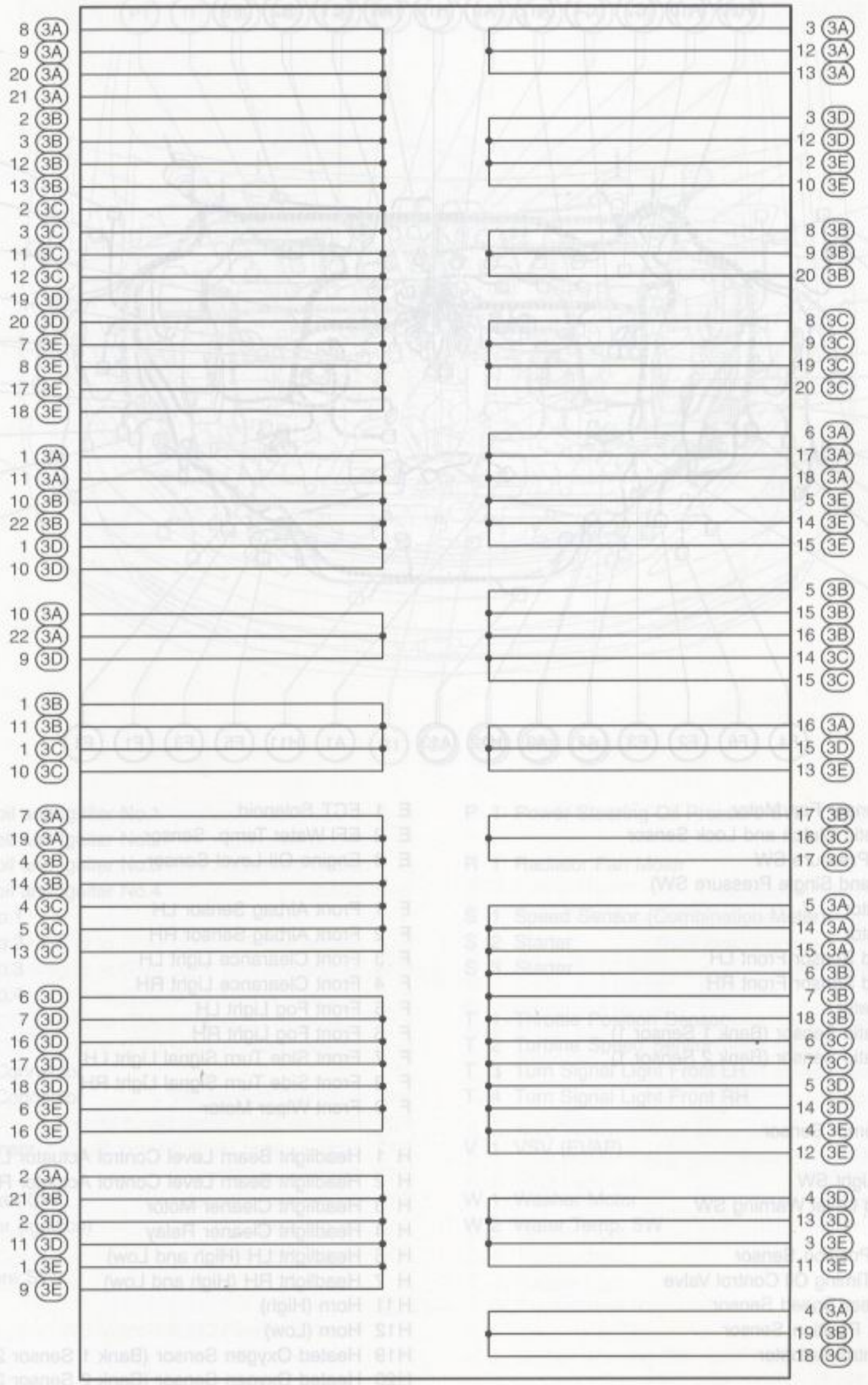


F RELAY LOCATIONS

[Passenger Side J/B Inner Circuit]

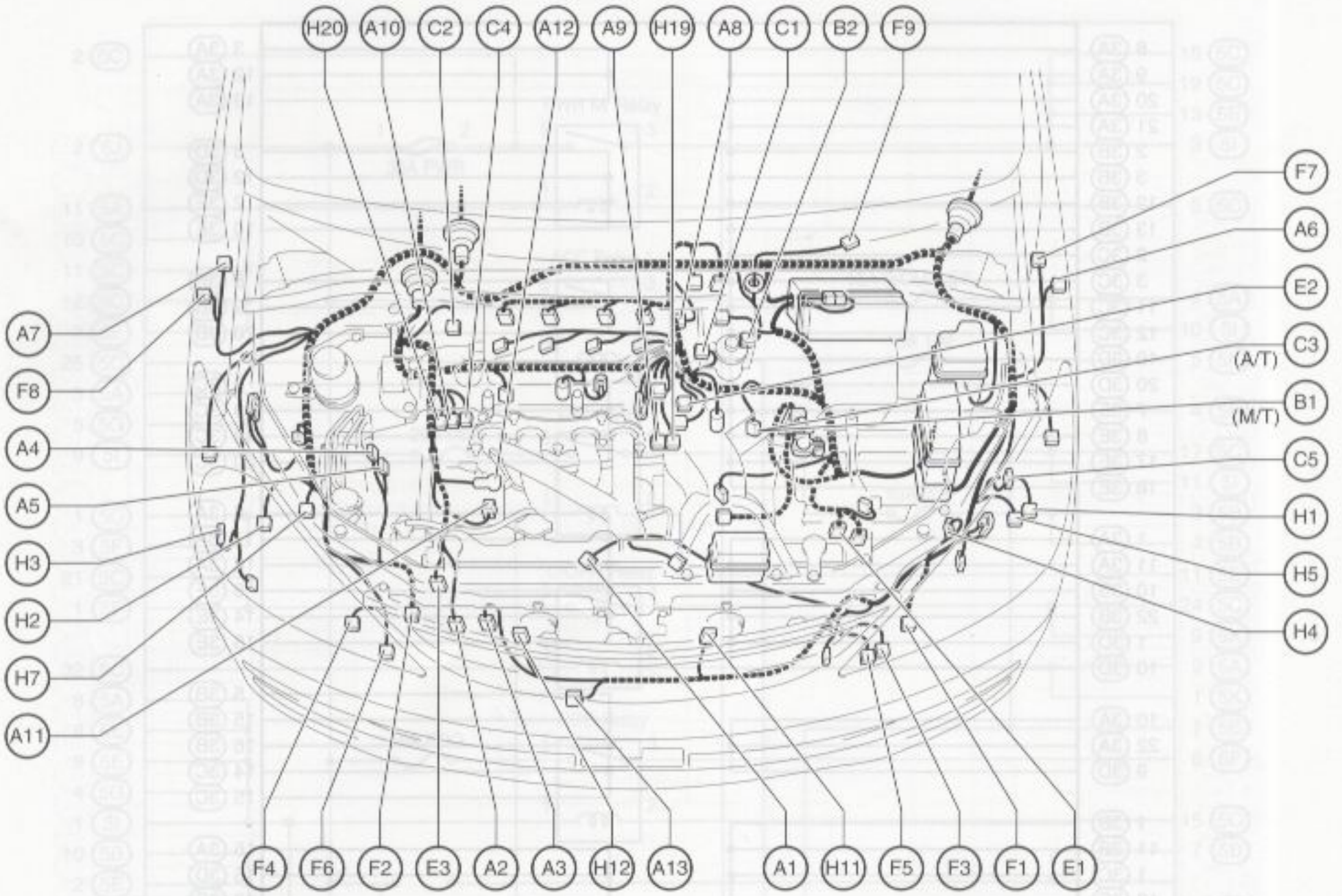


[Center J/B Inner Circuit]



Position of Parts in Engine Compartment

[LHD]



A 1 A/C Condenser Fan Motor
A 2 A/C Magnetic Clutch and Lock Sensor
A 3 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 4 ABS Actuator
A 5 ABS Actuator
A 6 ABS Speed Sensor Front LH
A 7 ABS Speed Sensor Front RH
A 8 Air Flow Meter
A 9 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
A10 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
A11 Alternator
A12 Alternator
A13 Ambient Temp. Sensor

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Counter Gear Speed Sensor
C 4 Crankshaft Position Sensor
C 5 Cruise Control Actuator

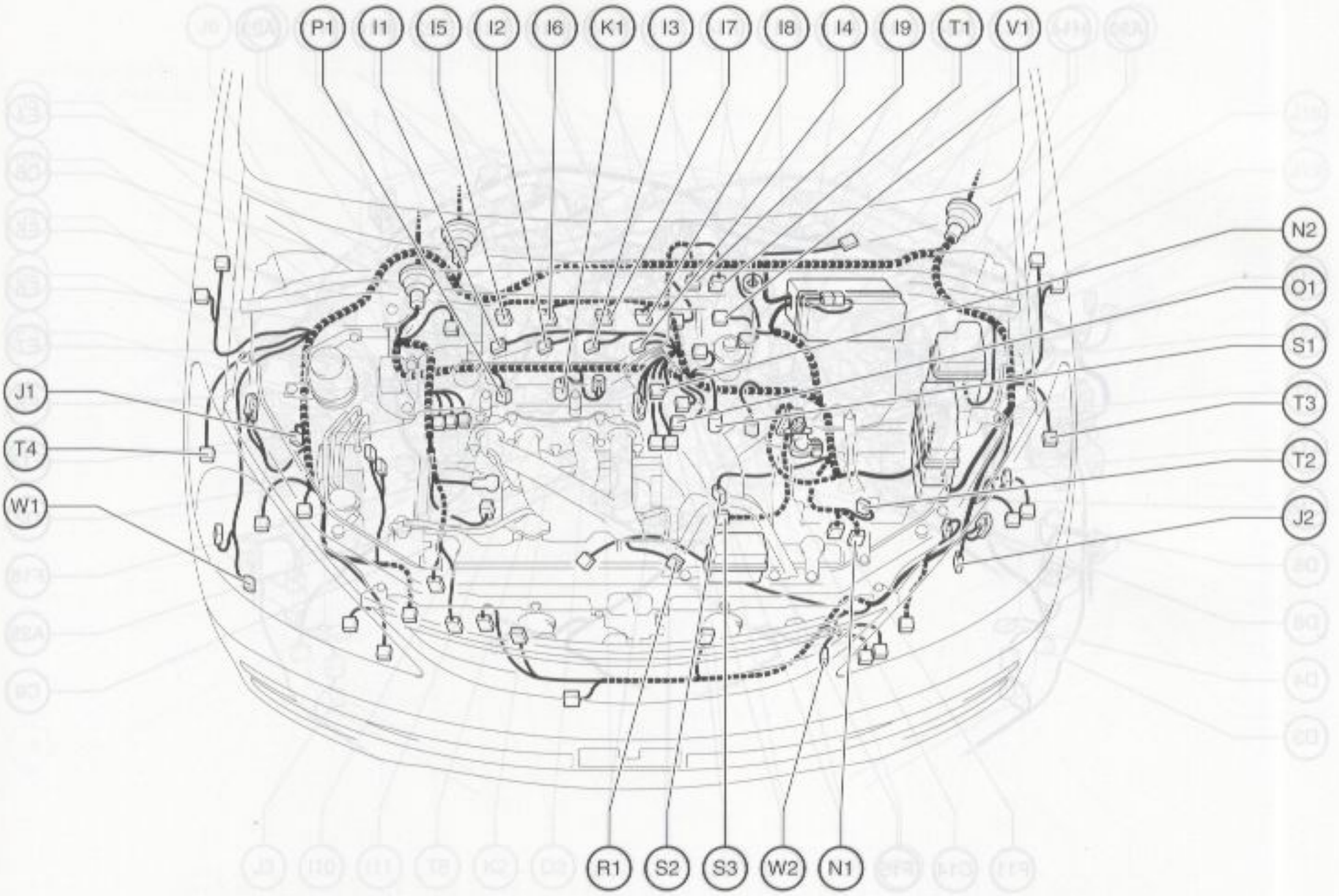
E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor
E 3 Engine Oil Level Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Clearance Light LH
F 4 Front Clearance Light RH
F 5 Front Fog Light LH
F 6 Front Fog Light RH
F 7 Front Side Turn Signal Light LH
F 8 Front Side Turn Signal Light RH
F 9 Front Wiper Motor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Motor
H 4 Headlight Cleaner Relay
H 5 Headlight LH (High and Low)
H 7 Headlight RH (High and Low)
H11 Horn (High)
H12 Horn (Low)
H19 Heated Oxygen Sensor (Bank 1 Sensor 2)
H20 Heated Oxygen Sensor (Bank 2 Sensor 2)

Position of Parts in Engine Compartment

[LHD]



I 1 Ignition Coil and Igniter No.1
I 2 Ignition Coil and Igniter No.2
I 3 Ignition Coil and Igniter No.3
I 4 Ignition Coil and Igniter No.4
I 5 Injector No.1
I 6 Injector No.2
I 7 Injector No.3
I 8 Injector No.4
I 9 ISC Valve

J 1 Junction Connector
J 2 Junction Connector

K 1 Knock Sensor

N 1 Neutral Start SW
N 2 Noise Filter (Ignition)

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor

S 1 Speed Sensor (Combination Meter)
S 2 Starter
S 3 Starter

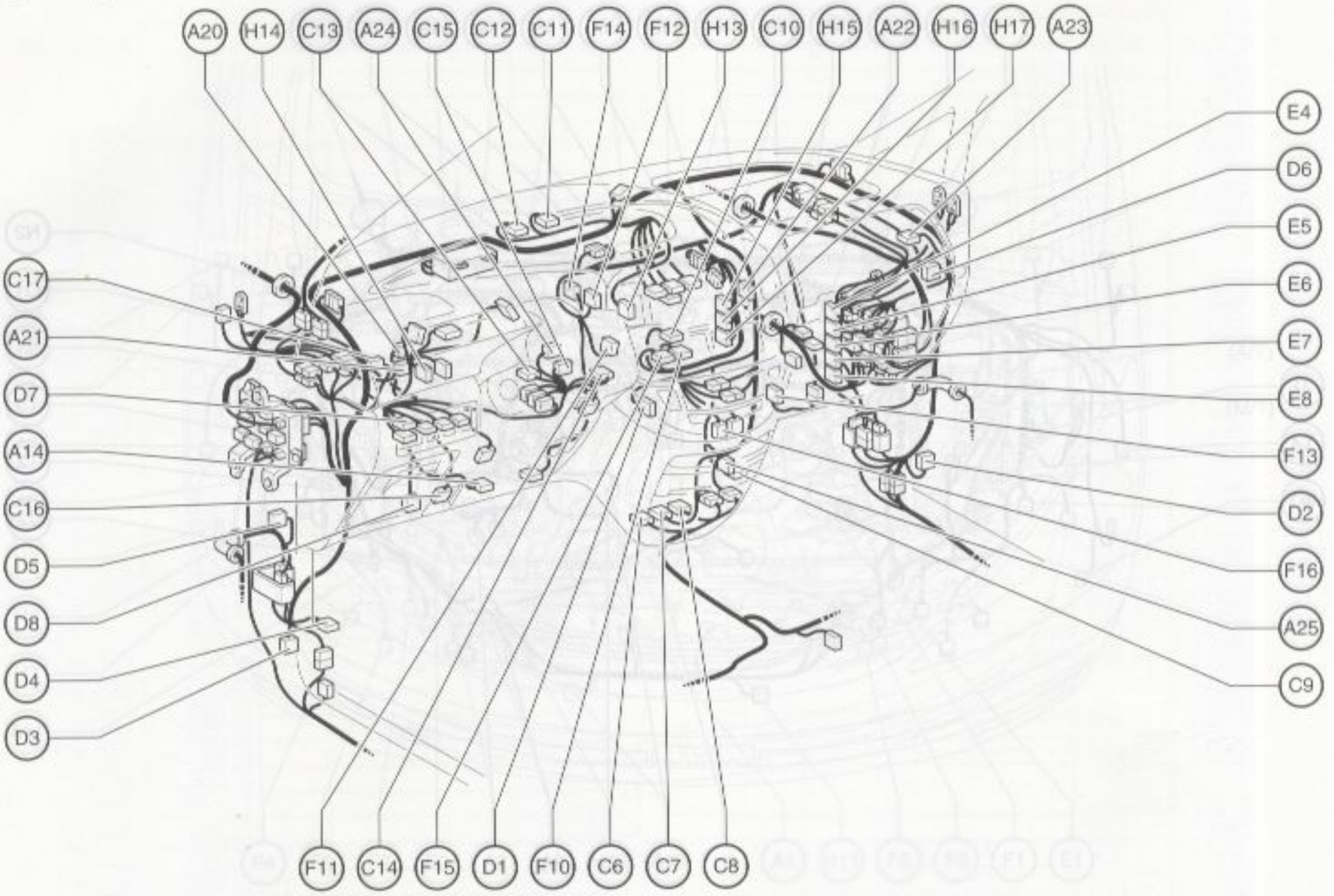
T 1 Throttle Position Sensor
T 2 Turbine Speed Sensor
T 3 Turn Signal Light Front LH
T 4 Turn Signal Light Front RH

V 1 VSV (EVAP)

W 1 Washer Motor
W 2 Water Temp. SW

Position of Parts in Instrument Panel

[LHD]



A14 A/C Amplifier
A20 ABS ECU
A21 ABS ECU
A22 Air Inlet Control Servo Motor
A23 Airbag Squib (Front Passenger Airbag Assembly)
A24 Airbag Squib (Steering Wheel Pad)
A25 Ashtray Illumination

C 6 Center Airbag Sensor Assembly
C 7 Center Airbag Sensor Assembly
C 8 Center Airbag Sensor Assembly
C 9 Cigarette Lighter
C10 Clock
C11 Combination Meter
C12 Combination Meter
C13 Combination SW
C14 Combination SW
C15 Combination SW
C16 Cruise Control Clutch SW
C17 Cruise Control ECU

D 1 Daytime Running Light Relay
D 2 Diode (A/C No.1)
D 3 Diode (A/C No.2)
D 4 Diode (Door Courtesy No.1)
D 5 Diode (Door Courtesy No.2)
D 6 Diode (Idle-Up)
D 7 Diode (Remote Control Mirror)
D 8 DLC3

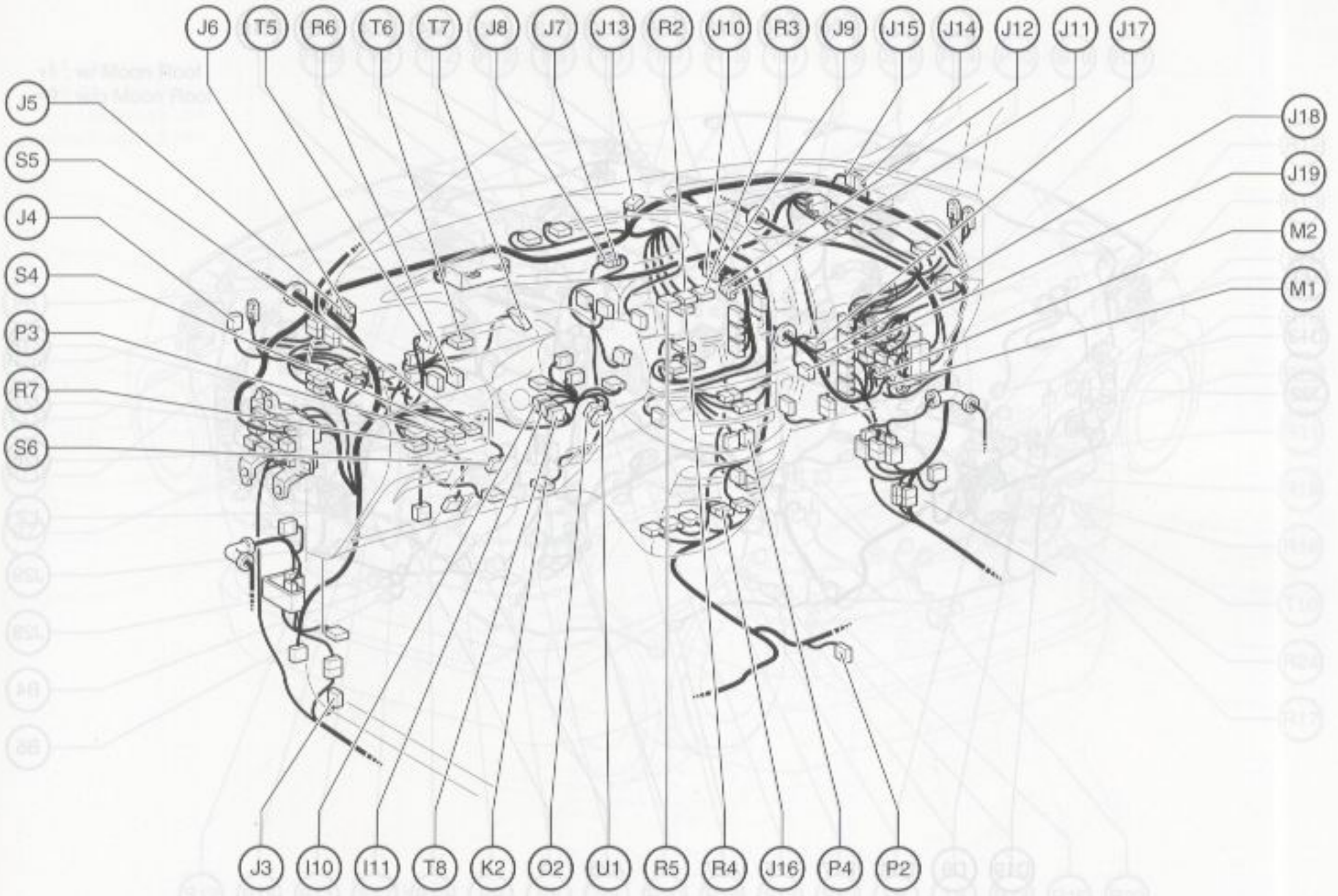
E 4 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 5 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 6 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 7 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 8 Engine and ECT ECU (A/T) or Engine ECU (M/T)

F10 Front A/C Control SW
F11 Front Air Mix Control Servo Motor
F12 Front Air Vent Mode Control Servo Motor
F13 Front Blower Motor
F14 Front Blower Resistor
F15 Front Blower SW
F16 Front Thermistor

H13 Hazard SW
H14 Headlight Beam Level Control SW
H15 Heater Amplifier
H16 Heater Amplifier
H17 Heater Amplifier

Position of Parts in Instrument Panel

[LHD]



I 10 Ignition Key Cylinder Light
I 11 Ignition SW

J 3 Junction Connector
J 4 Junction Connector
J 5 Junction Connector
J 6 Junction Connector
J 7 Junction Connector
J 8 Junction Connector
J 9 Junction Connector
J 10 Junction Connector
J 11 Junction Connector
J 12 Junction Connector
J 13 Junction Connector
J 14 Junction Connector
J 15 Junction Connector
J 16 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 19 Junction Connector

K 2 Kick Down SW

M 1 Multiplex Network Body ECU
M 2 Multiplex Network Body ECU

O 2 O/D Main SW

P 2 Parking Brake SW
P 3 Power Heater SW
P 4 PTC Heater

R 2 Radio and Player
R 3 Radio and Player
R 4 Radio and Player
R 5 Radio and Player
R 6 Rear Fog Light SW
R 7 Remote Control Mirror SW

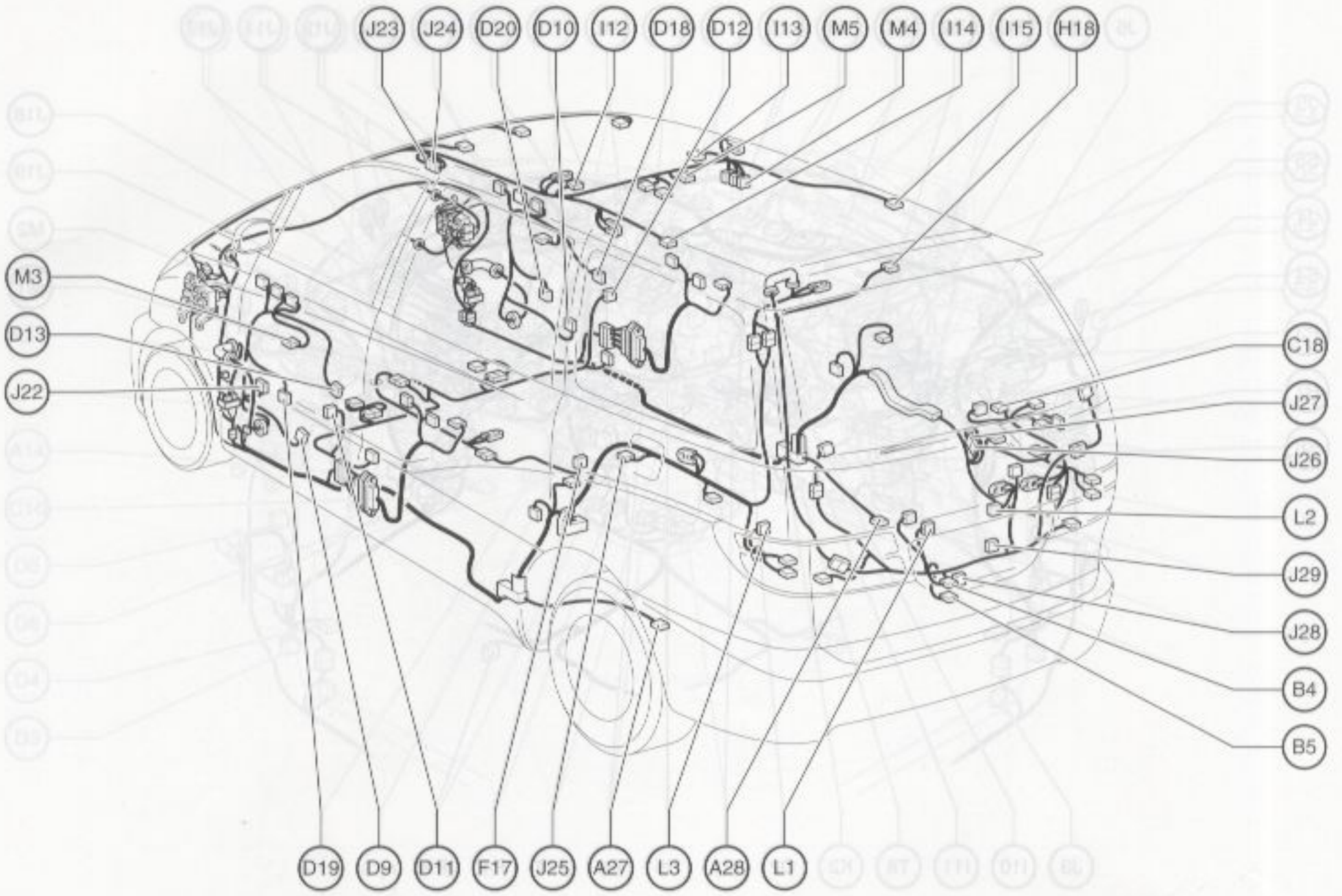
S 4 Seat Heater SW (Driver's Seat)
S 5 Seat Heater SW (Front Passenger's Seat)
S 6 Stop Light SW

T 5 Telltale Light
T 6 Telltale Light
T 7 Telltale Light
T 8 Transponder Key Amplifier

U 1 Unlock Warning SW

Position of Parts in Body

[LHD]



A27 ABS Speed Sensor Rear LH
A28 ABS Speed Sensor Rear RH

B 4 Back Door Courtesy SW
B 5 Back Door Lock Motor

C18 Condenser (Rear A/C)

D 9 Door Courtesy Light Front LH
D10 Door Courtesy Light Front RH
D11 Door Courtesy SW Front LH
D12 Door Courtesy SW Front RH
D13 Door Lock Motor and Door Unlock Detection SW Front LH
D18 Door Lock Motor Front RH
D19 Door Speaker Front LH
D20 Door Speaker Front RH

F17 Fuel Pump and Sender

H18 High Mounted Stop Light

I 12 Interior Light Front LH
I 13 Interior Light Front RH
I 14 Interior Light Rear LH
I 15 Interior Light Rear RH

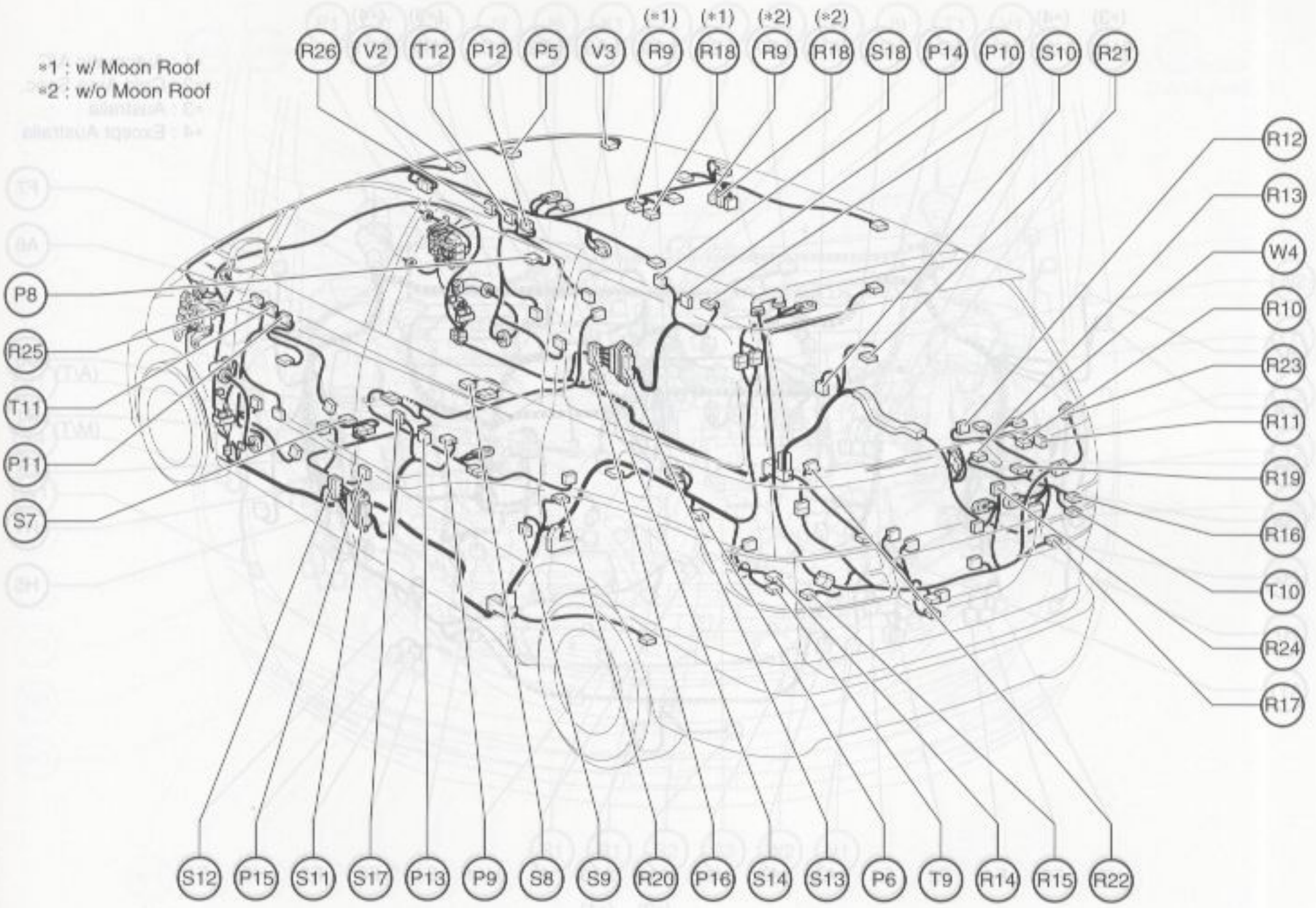
J 22 Junction Connector
J 23 Junction Connector
J 24 Junction Connector
J 25 Junction Connector
J 26 Junction Connector
J 27 Junction Connector
J 28 Junction Connector
J 29 Junction Connector

L 1 License Plate Light LH
L 2 License Plate Light RH
L 3 Luggage Compartment Light

M 3 Multiplex Network Master SW
M 4 Moon Roof Control Motor and Limit SW
M 5 Moon Roof Control SW

Position of Parts in Body

[LHD]



P 5 Personal Light
P 6 Power Outlet
P 8 Power Window Control SW Front RH
P 9 Power Window Control SW Rear LH
P10 Power Window Control SW Rear RH
P11 Power Window Motor Front LH
P12 Power Window Motor Front RH
P13 Power Window Motor Rear LH
P14 Power Window Motor Rear RH
P15 Pretensioner LH
P16 Pretensioner RH

R 9 Rear A/C Control SW
R10 Rear Air Mix Control Servo Motor
R11 Rear Air Vent Mode Control Servo Motor
R12 Rear Blower Motor
R13 Rear Blower Resistor
R14 Rear Combination Light LH
R15 Rear Combination Light LH
R16 Rear Combination Light RH
R17 Rear Combination Light RH
R18 Rear Cooler Control SW
R19 Rear Heater Power Transistor
R20 Rear Speaker LH
R21 Rear Speaker RH
R22 Rear Window Defogger
R23 Rear Window Defogger
R24 Rear Wiper Relay and Motor
R25 Remote Control Mirror LH
R26 Remote Control Mirror RH

S 7 Seat Heater (Driver's Seat)
S 8 Seat Heater (Front Passenger's Seat)
S 9 Slide Door Courtesy SW LH
S10 Slide Door Courtesy SW RH
S11 Slide Door Junction SW LH
S12 Slide Door Junction SW LH
S13 Slide Door Junction SW RH
S14 Slide Door Junction SW RH
S17 Slide Door Lock Motor LH
S18 Slide Door Lock Motor RH

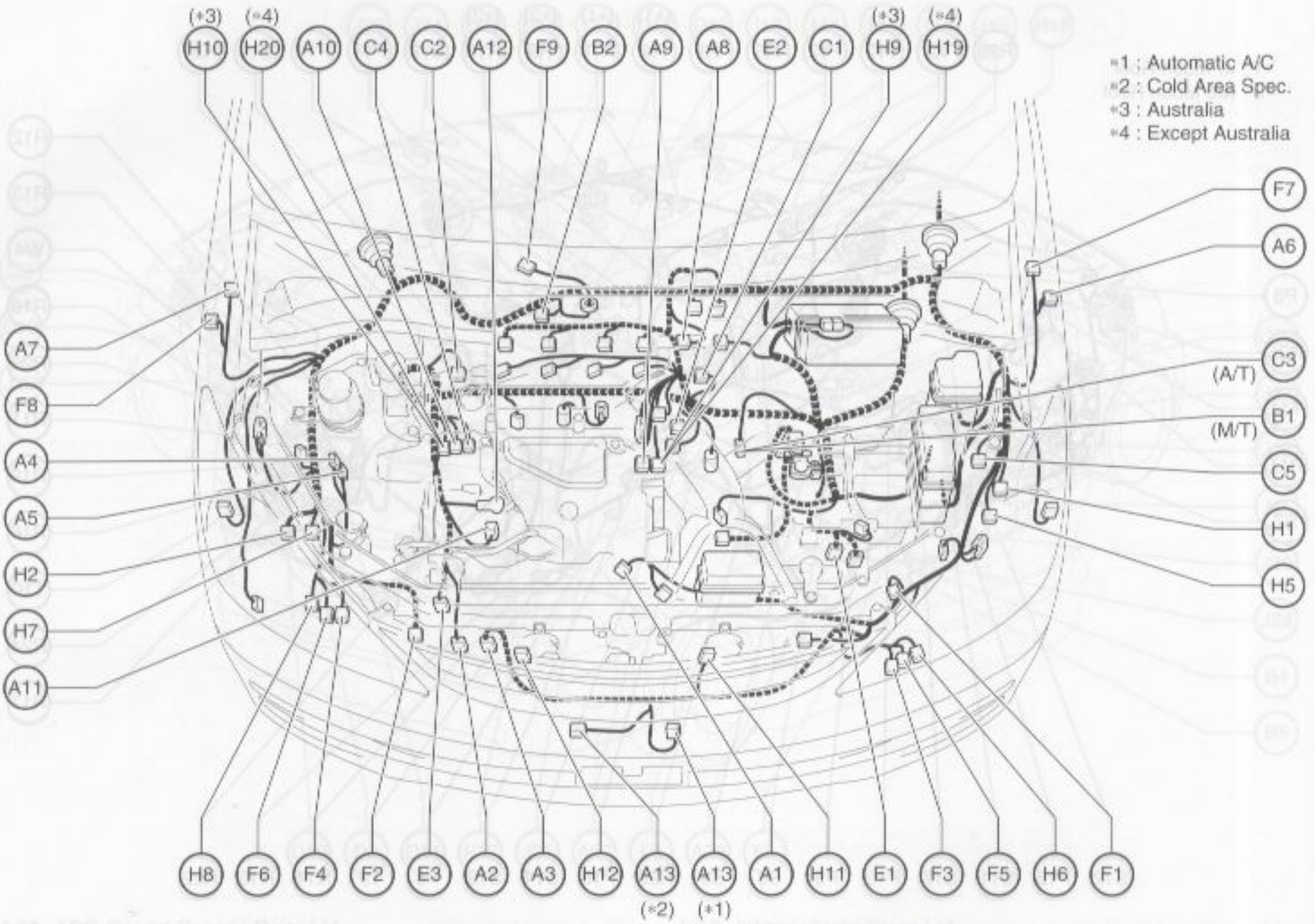
T 9 Turn Signal Light Rear LH
T10 Turn Signal Light Rear RH
T11 Tweeter Speaker LH
T12 Tweeter Speaker RH

V 2 Vanity Light LH
V 3 Vanity Light RH

W 4 Wireless Door Lock Control Receiver

Position of Parts in Engine Compartment

[RHD]



A 1 A/C Condenser Fan Motor
A 2 A/C Magnetic Clutch and Lock Sensor
A 3 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 4 ABS Actuator
A 5 ABS Actuator
A 6 ABS Speed Sensor Front LH
A 7 ABS Speed Sensor Front RH
A 8 Air Flow Meter
A 9 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
A10 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
A11 Alternator
A12 Alternator
A13 Ambient Temp. Sensor

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Counter Gear Speed Sensor
C 4 Crankshaft Position Sensor
C 5 Cruise Control Actuator

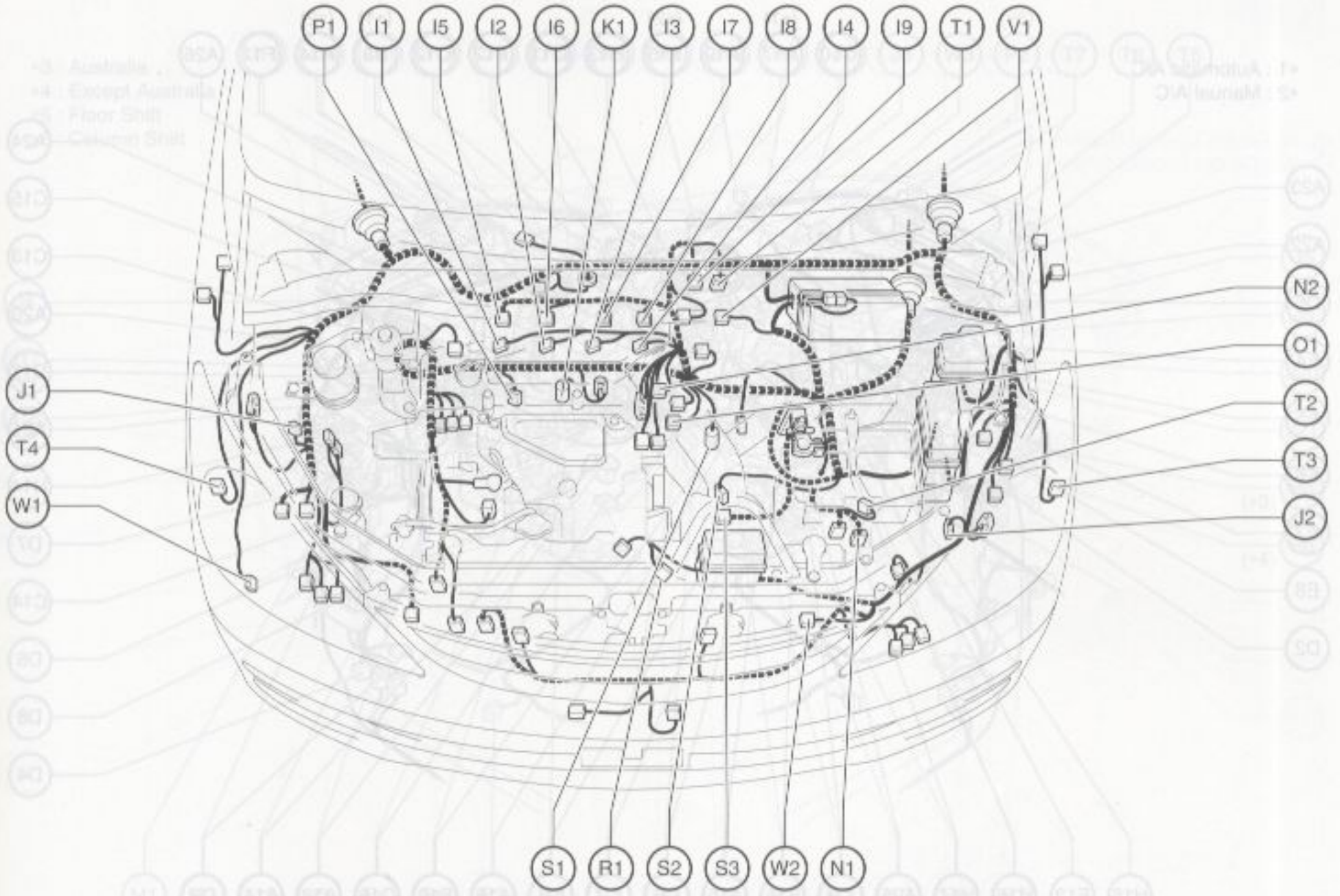
E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor
E 3 Engine Oil Level Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Clearance Light LH
F 4 Front Clearance Light RH
F 5 Front Fog Light LH
F 6 Front Fog Light RH
F 7 Front Side Turn Signal Light LH
F 8 Front Side Turn Signal Light RH
F 9 Front Wiper Motor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 5 Headlight LH (High and Low)
H 6 Headlight LH (High)
H 7 Headlight RH (High and Low)
H 8 Headlight RH (High)
H 9 Heated Oxygen Sensor (Bank 1 Sensor 1)
H10 Heated Oxygen Sensor (Bank 2 Sensor 1)
H11 Horn (High)
H12 Horn (Low)
H19 Heated Oxygen Sensor (Bank 1 Sensor 2)
H20 Heated Oxygen Sensor (Bank 2 Sensor 2)

Position of Parts in Engine Compartment

[RHD]



I 1 Ignition Coil and Igniter No.1
I 2 Ignition Coil and Igniter No.2
I 3 Ignition Coil and Igniter No.3
I 4 Ignition Coil and Igniter No.4
I 5 Injector No.1
I 6 Injector No.2
I 7 Injector No.3
I 8 Injector No.4
I 9 ISC Valve

J 1 Junction Connector
J 2 Junction Connector

K 1 Knock Sensor

N 1 Neutral Start SW
N 2 Noise Filter (Ignition)

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor

S 1 Speed Sensor (Combination Meter)
S 2 Starter
S 3 Starter

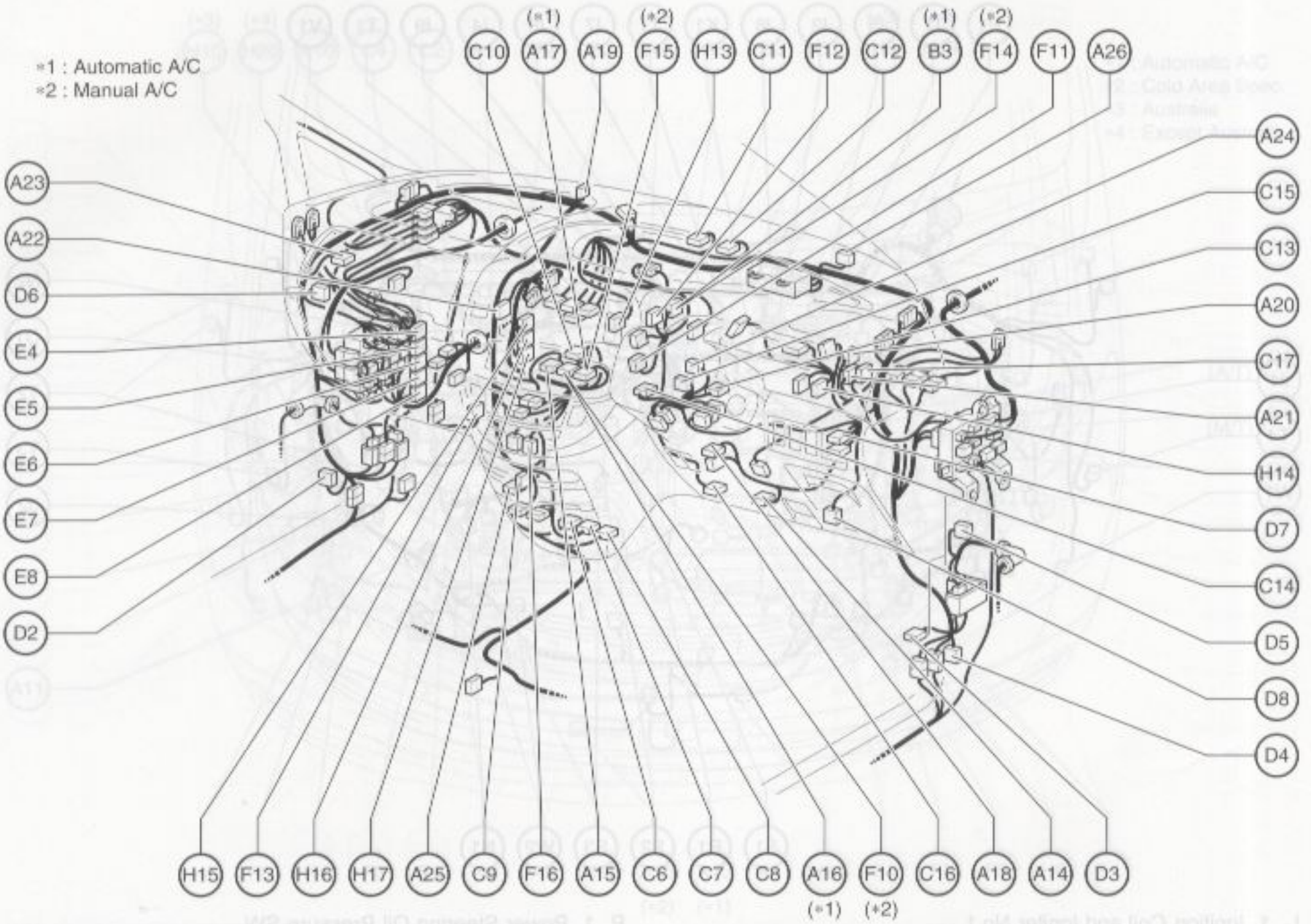
T 1 Throttle Position Sensor
T 2 Turbine Speed Sensor
T 3 Turn Signal Light Front LH
T 4 Turn Signal Light Front RH

V 1 VSV (EVAP)

W 1 Washer Motor
W 2 Water Temp. SW

Position of Parts in Instrument Panel

[RHD]



A14 A/C Amplifier
A15 A/C Amplifier
A16 A/C Amplifier
A17 A/C Amplifier
A18 A/C Room Temp. Sensor
A19 A/C Solar Sensor
A20 ABS ECU
A21 ABS ECU
A22 Air Inlet Control Servo Motor
A23 Airbag Squib (Front Passenger Airbag Assembly)
A24 Airbag Squib (Steering Wheel Pad)
A25 Ashtray Illumination
A26 Automatic Light Control Sensor

B 3 Blower Motor Controller

C 6 Center Airbag Sensor Assembly
C 7 Center Airbag Sensor Assembly
C 8 Center Airbag Sensor Assembly
C 9 Cigarette Lighter
C10 Clock
C11 Combination Meter
C12 Combination Meter
C13 Combination SW
C14 Combination SW
C15 Combination SW
C16 Cruise Control Clutch SW
C17 Cruise Control ECU

D 2 Diode (A/C No.1)
D 3 Diode (A/C No.2)
D 4 Diode (Door Courtesy No.1)
D 5 Diode (Door Courtesy No.2)
D 6 Diode (Idle-Up)
D 7 Diode (Remote Control Mirror)
D 8 DLC3

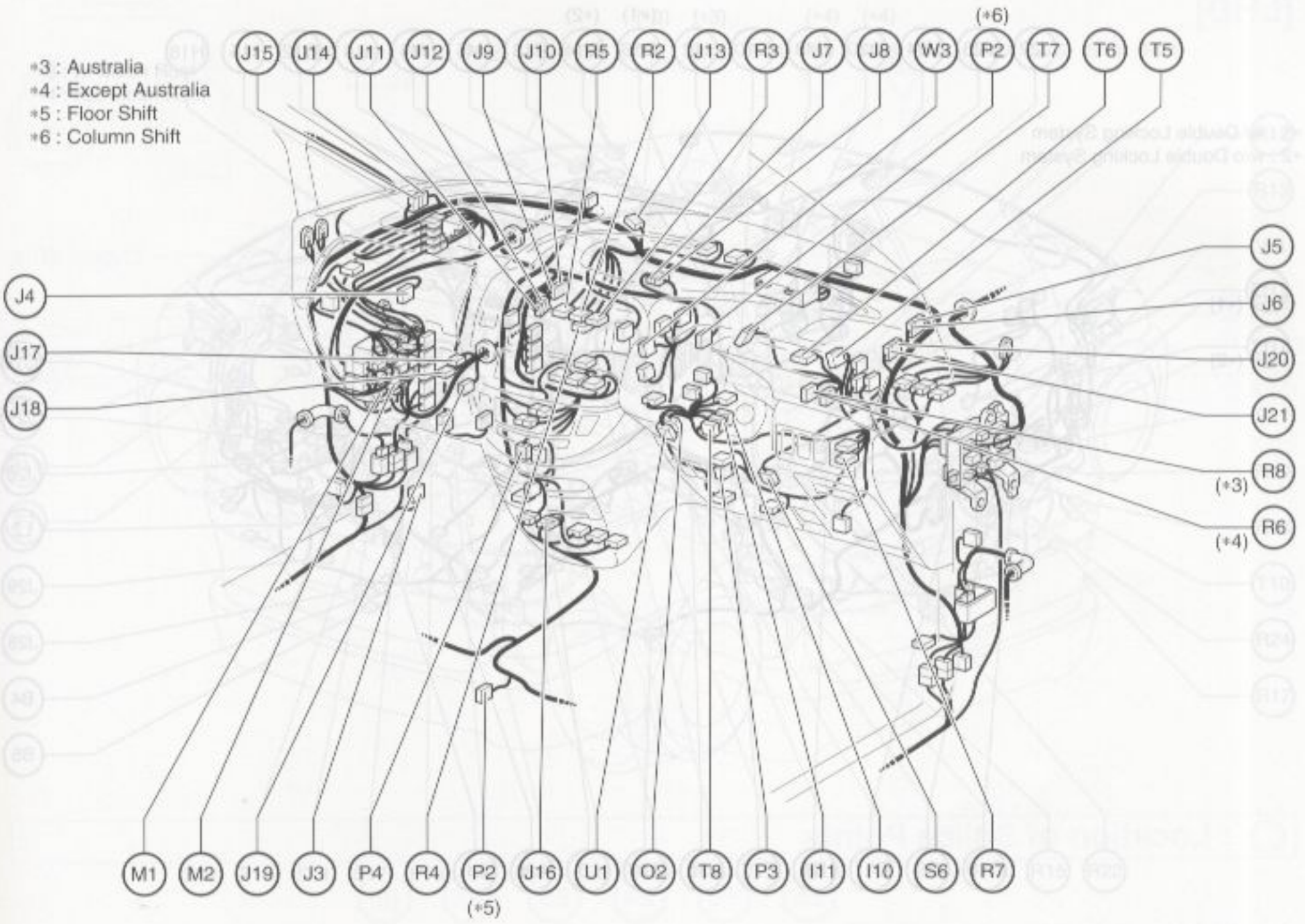
E 4 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 5 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 6 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 7 Engine and ECT ECU (A/T) or Engine ECU (M/T)
E 8 Engine and ECT ECU (A/T) or Engine ECU (M/T)

F10 Front A/C Control SW
F11 Front Air Mix Control Servo Motor
F12 Front Air Vent Mode Control Servo Motor
F13 Front Blower Motor
F14 Front Blower Resistor
F15 Front Blower SW
F16 Front Thermistor

H13 Hazard SW
H14 Headlight Beam Level Control SW
H15 Heater Amplifier
H16 Heater Amplifier
H17 Heater Amplifier

Position of Parts in Instrument Panel

[RHD]



I 10 Ignition Key Cylinder Light
I 11 Ignition SW

J 3 Junction Connector
J 4 Junction Connector
J 5 Junction Connector
J 6 Junction Connector
J 7 Junction Connector
J 8 Junction Connector
J 9 Junction Connector
J 10 Junction Connector
J 11 Junction Connector
J 12 Junction Connector
J 13 Junction Connector
J 14 Junction Connector
J 15 Junction Connector
J 16 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 19 Junction Connector
J 20 Junction Connector
J 21 Junction Connector

M 1 Multiplex Network Body ECU
M 2 Multiplex Network Body ECU

O 2 O/D Main SW

P 2 Parking Brake SW
P 3 Power Heater SW
P 4 PTC Heater

R 2 Radio and Player
R 3 Radio and Player
R 4 Radio and Player
R 5 Radio and Player
R 6 Rear Fog Light SW
R 7 Remote Control Mirror SW
R 8 Rheostat SW

S 6 Stop Light SW

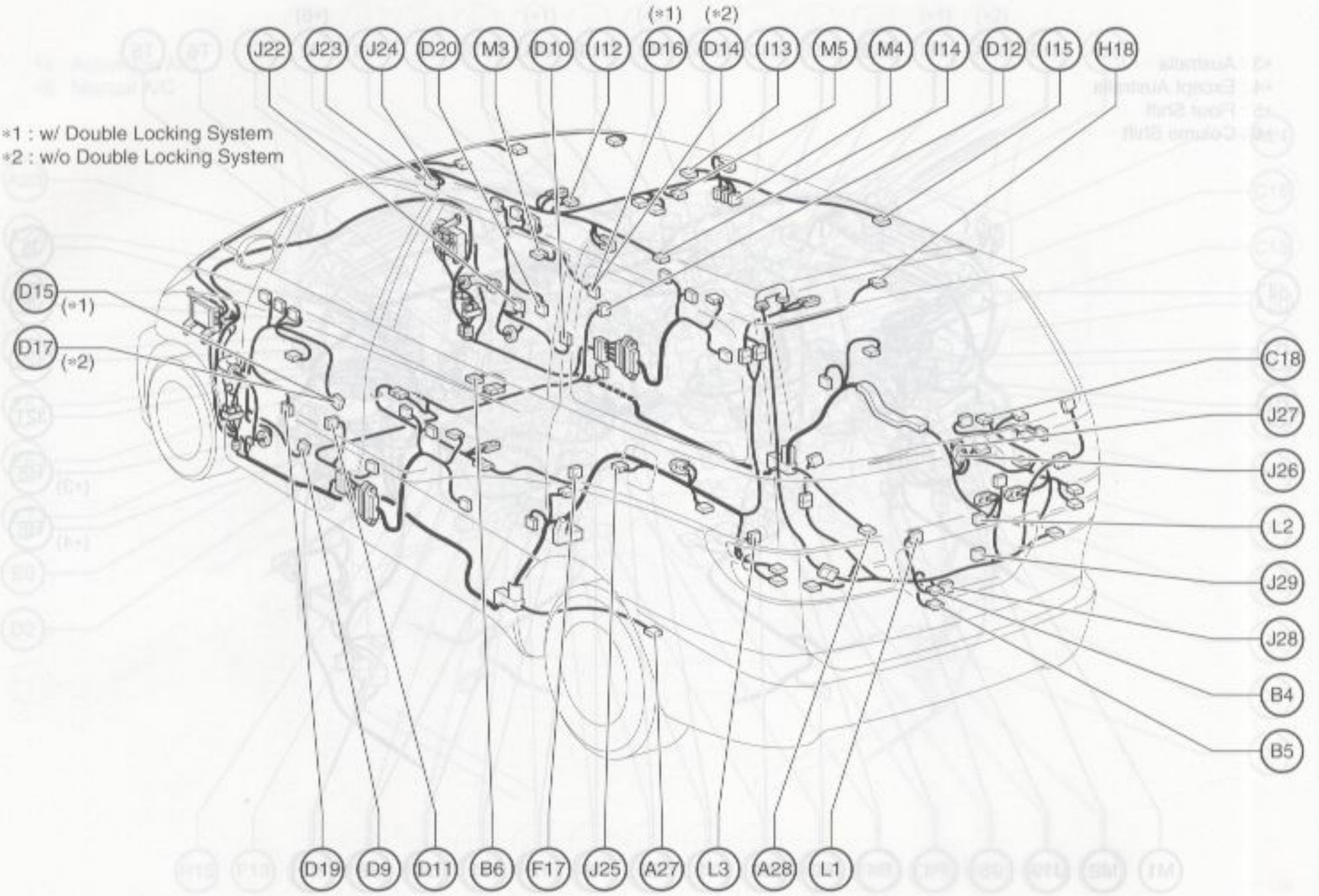
T 5 Telltale Light
T 6 Telltale Light
T 7 Telltale Light
T 8 Transponder Key Amplifier

U 1 Unlock Warning SW

W 3 Water Temp. Sensor

Position of Parts in Body

[RHD]



A27 ABS Speed Sensor Rear LH
A28 ABS Speed Sensor Rear RH

B 4 Back Door Courtesy SW
B 5 Back Door Lock Motor
B 6 Buckle SW

C18 Condenser (Rear A/C)

D 9 Door Courtesy Light Front LH
D10 Door Courtesy Light Front RH
D11 Door Courtesy SW Front LH
D12 Door Courtesy SW Front RH
D14 Door Lock Motor and Door Unlock Detection SW Front RH
D15 Door Lock Motor and SW Front LH
D16 Door Lock Motor and SW Front RH
D17 Door Lock Motor Front LH
D19 Door Speaker Front LH
D20 Door Speaker Front RH

F17 Fuel Pump and Sender

H18 High Mounted Stop Light

I 12 Interior Light Front LH
I 13 Interior Light Front RH
I 14 Interior Light Rear LH
I 15 Interior Light Rear RH

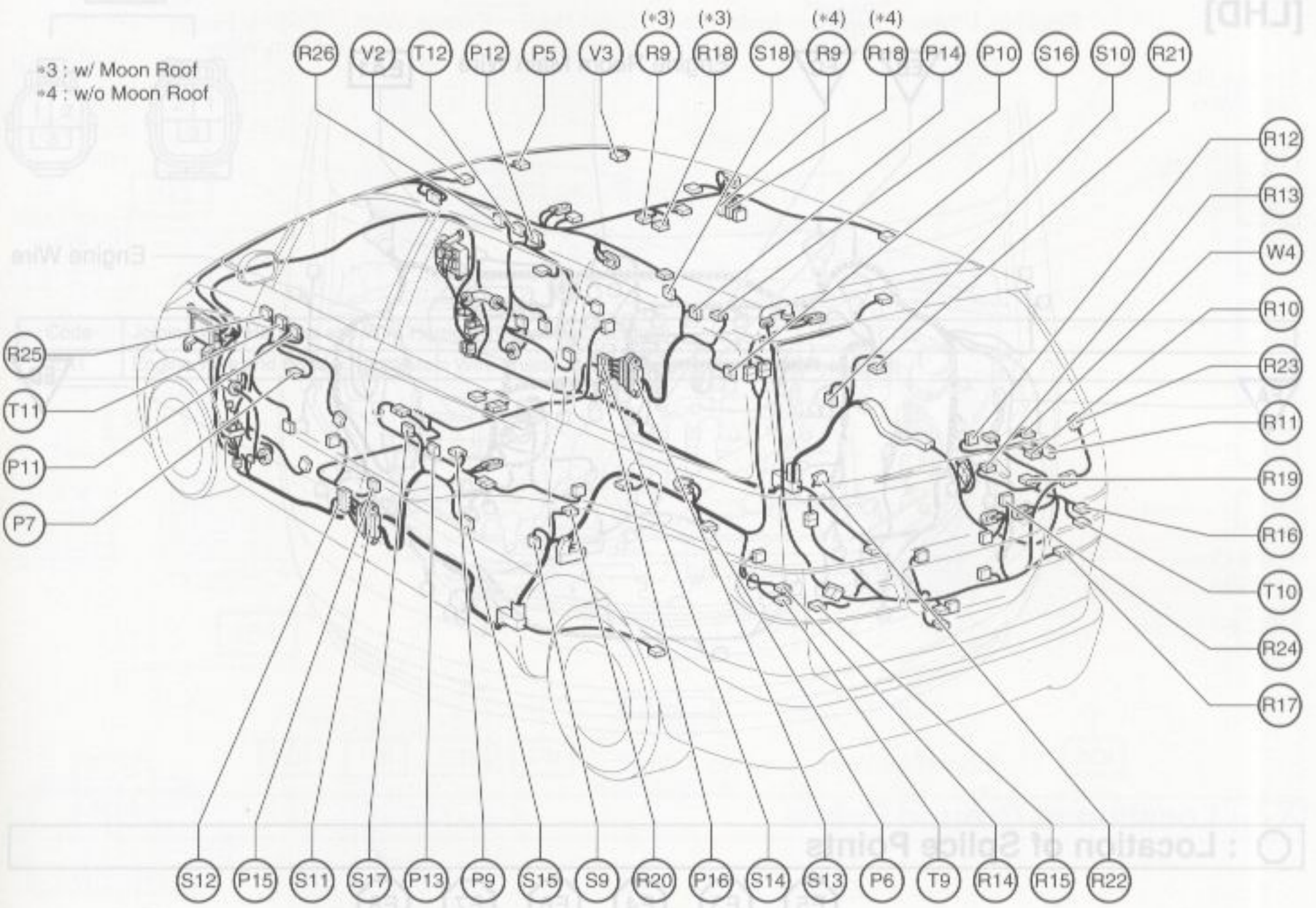
J 22 Junction Connector
J 23 Junction Connector
J 24 Junction Connector
J 25 Junction Connector
J 26 Junction Connector
J 27 Junction Connector
J 28 Junction Connector
J 29 Junction Connector

L 1 License Plate Light LH
L 2 License Plate Light RH
L 3 Luggage Compartment Light

M 3 Multiplex Network Master SW
M 4 Moon Roof Control Motor and Limit SW
M 5 Moon Roof Control SW

Position of Parts in Body

[RHD]



P 5 Personal Light
P 6 Power Outlet
P 7 Power Window Control SW Front LH
P 9 Power Window Control SW Rear LH
P10 Power Window Control SW Rear RH
P11 Power Window Motor Front LH
P12 Power Window Motor Front RH
P13 Power Window Motor Rear LH
P14 Power Window Motor Rear RH
P15 Pretensioner LH
P16 Pretensioner RH

R 9 Rear A/C Control SW
R10 Rear Air Mix Control Servo Motor
R11 Rear Air Vent Mode Control Servo Motor
R12 Rear Blower Motor
R13 Rear Blower Resistor
R14 Rear Combination Light LH
R15 Rear Combination Light LH
R16 Rear Combination Light RH
R17 Rear Combination Light RH
R18 Rear Cooler Control SW
R19 Rear Heater Power Transistor
R20 Rear Speaker LH
R21 Rear Speaker RH
R22 Rear Window Defogger
R23 Rear Window Defogger
R24 Rear Wiper Relay and Motor
R25 Remote Control Mirror LH
R26 Remote Control Mirror RH

S 9 Slide Door Courtesy SW LH
S10 Slide Door Courtesy SW RH
S11 Slide Door Junction SW LH
S12 Slide Door Junction SW LH
S13 Slide Door Junction SW RH
S14 Slide Door Junction SW RH
S15 Slide Door Lock Motor and SW LH
S16 Slide Door Lock Motor and SW RH
S17 Slide Door Lock Motor LH
S18 Slide Door Lock Motor RH

T 9 Turn Signal Light Rear LH
T10 Turn Signal Light Rear RH
T11 Tweeter Speaker LH
T12 Tweeter Speaker RH

V 2 Vanity Light LH
V 3 Vanity Light RH

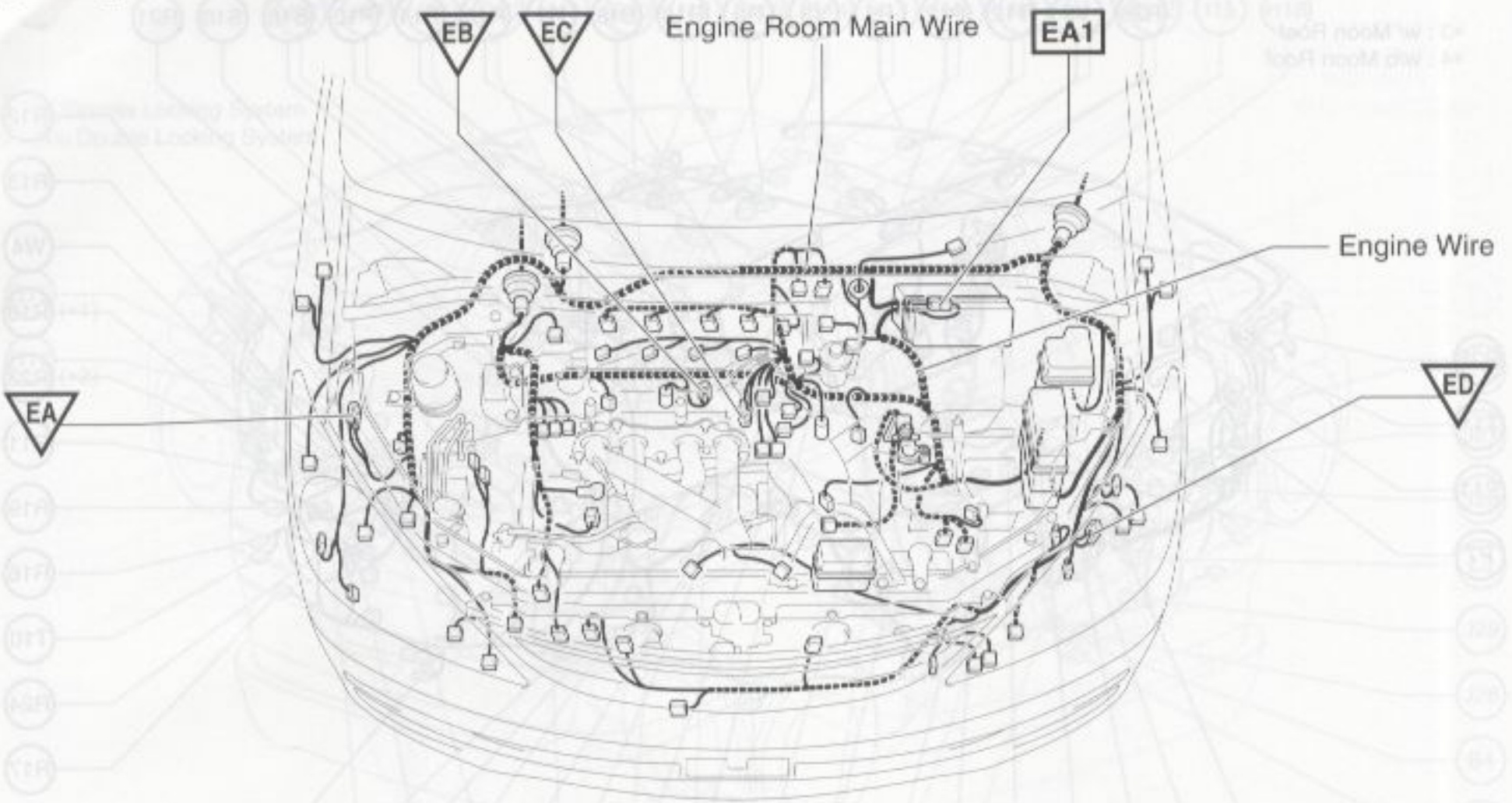
W 4 Wireless Door Lock Control Receiver

G ELECTRICAL WIRING ROUTING

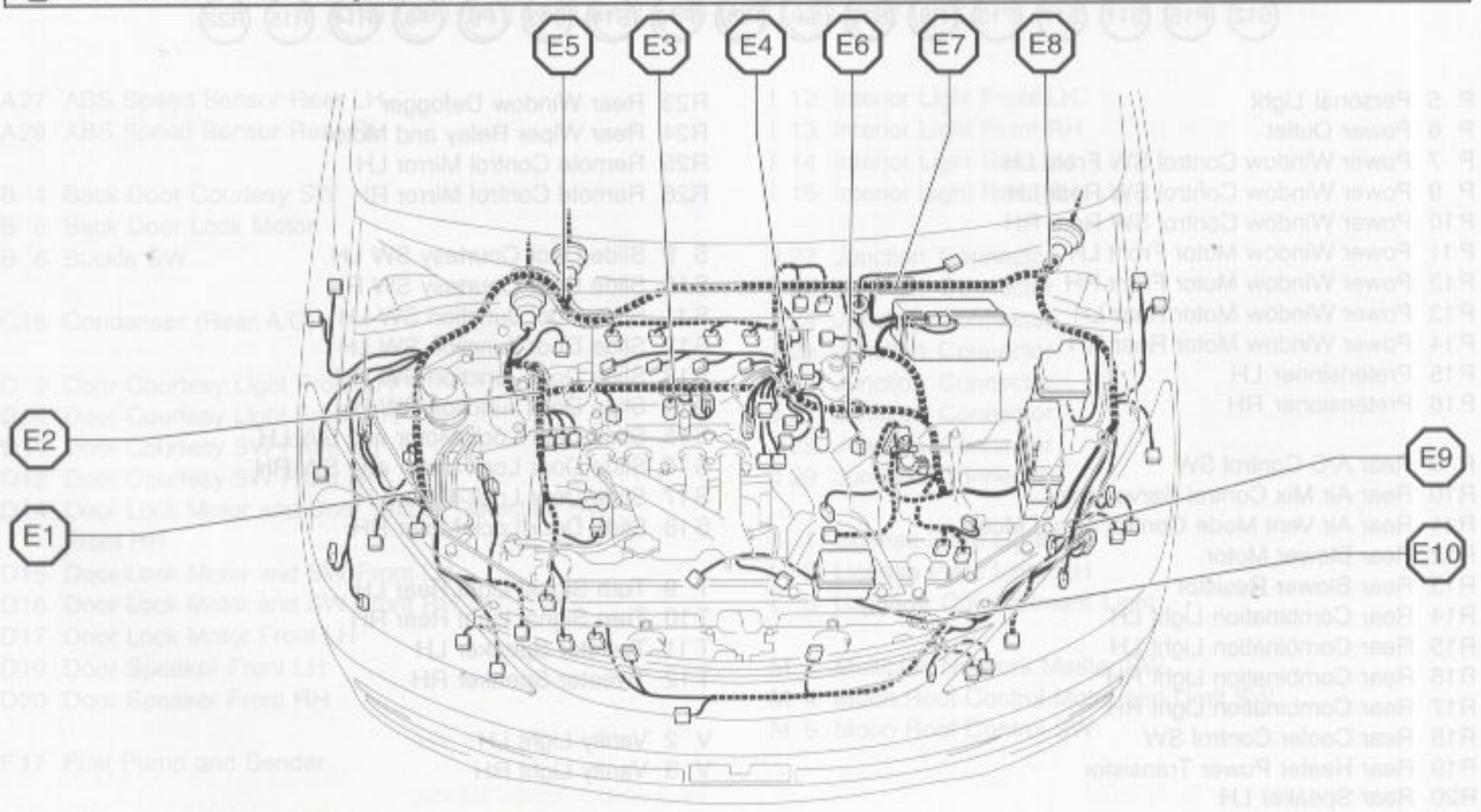
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

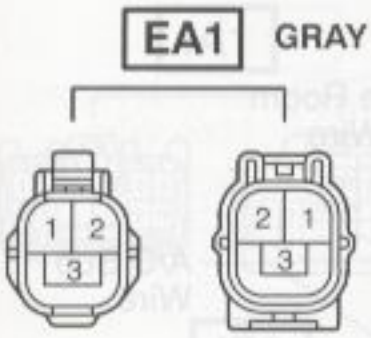
[LHD]



○ : Location of Splice Points



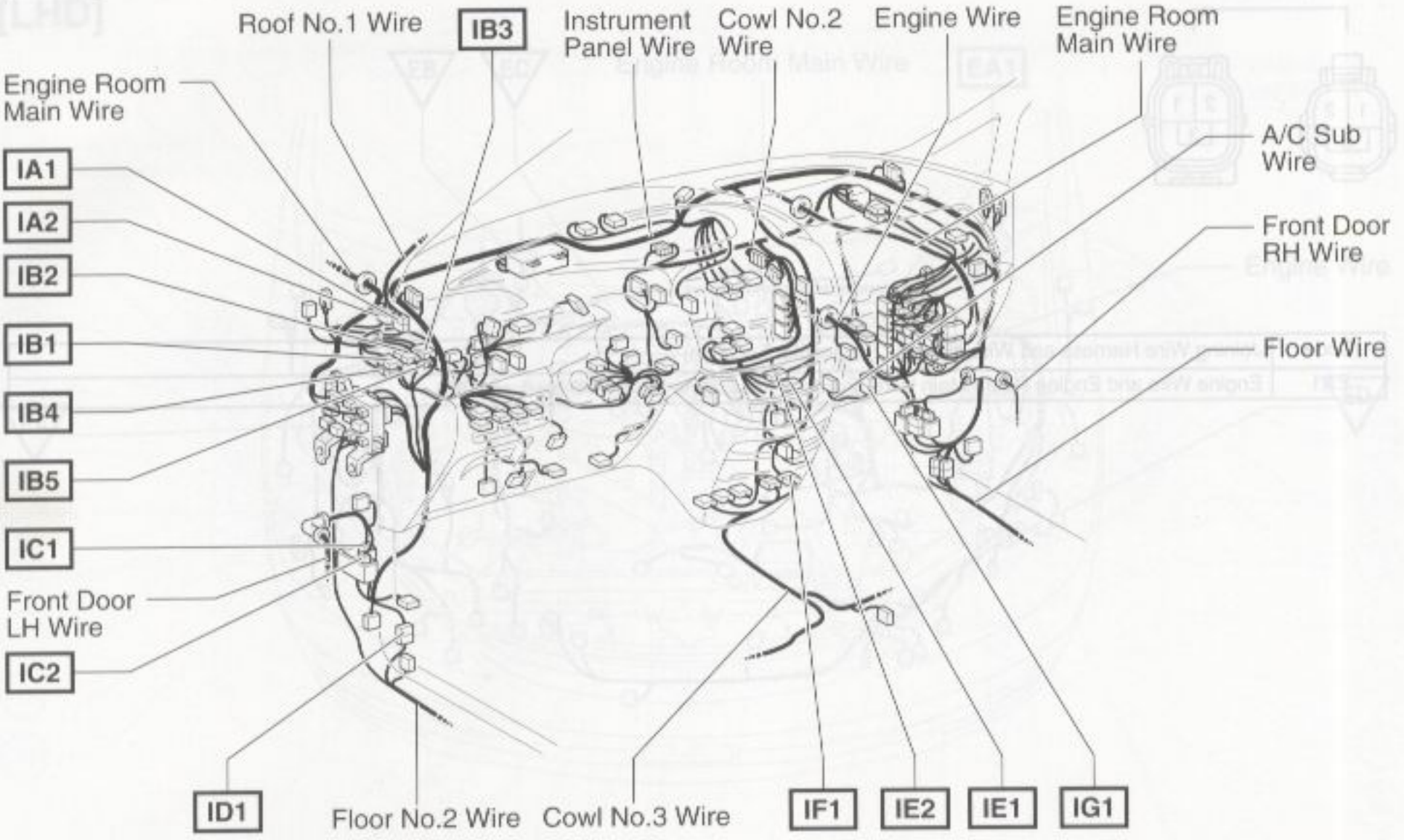
Connector Joining Wire Harness and Wire Harness



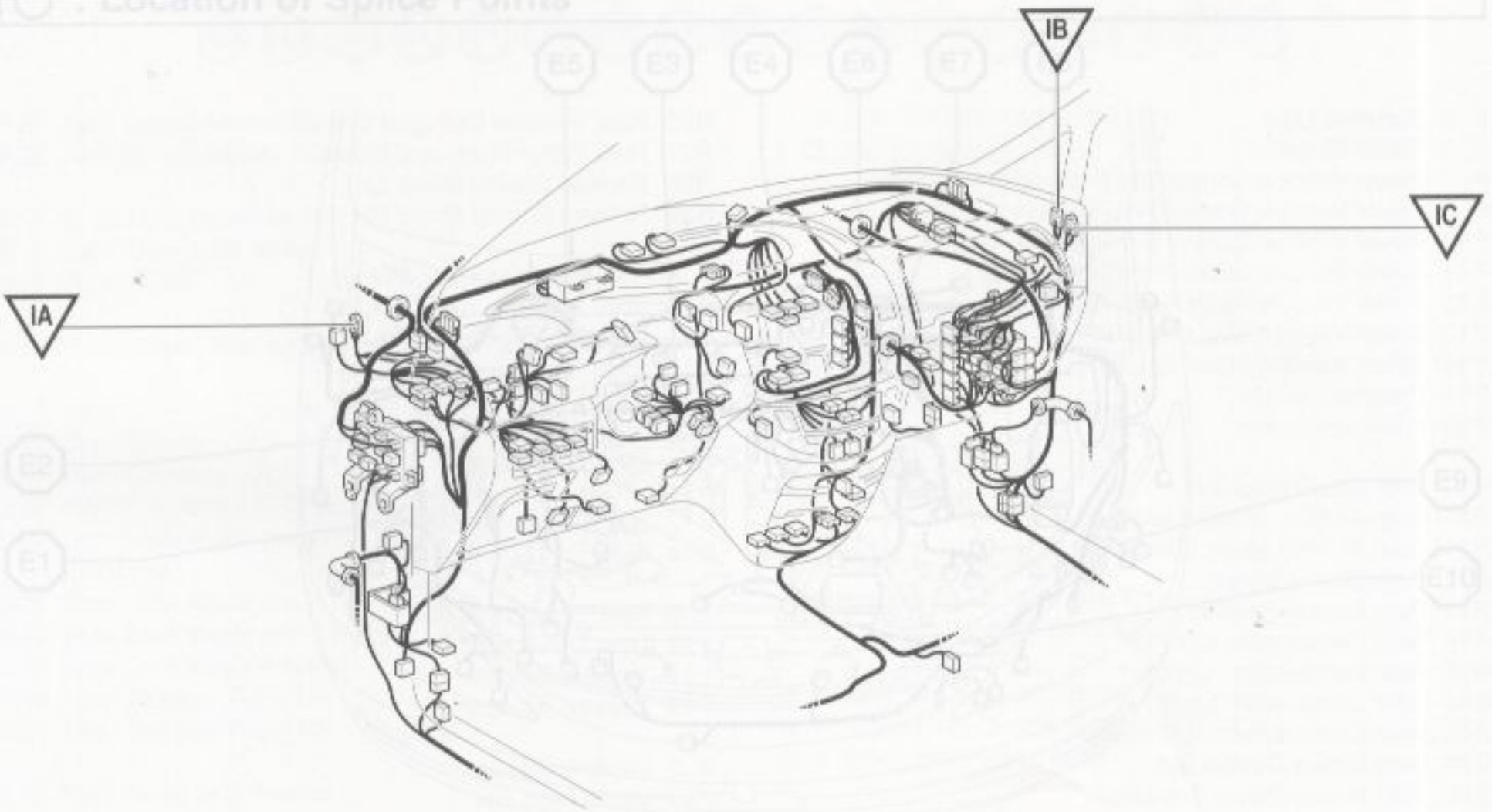
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)

▭ : Location of Connector Joining Wire Harness and Wire Harness

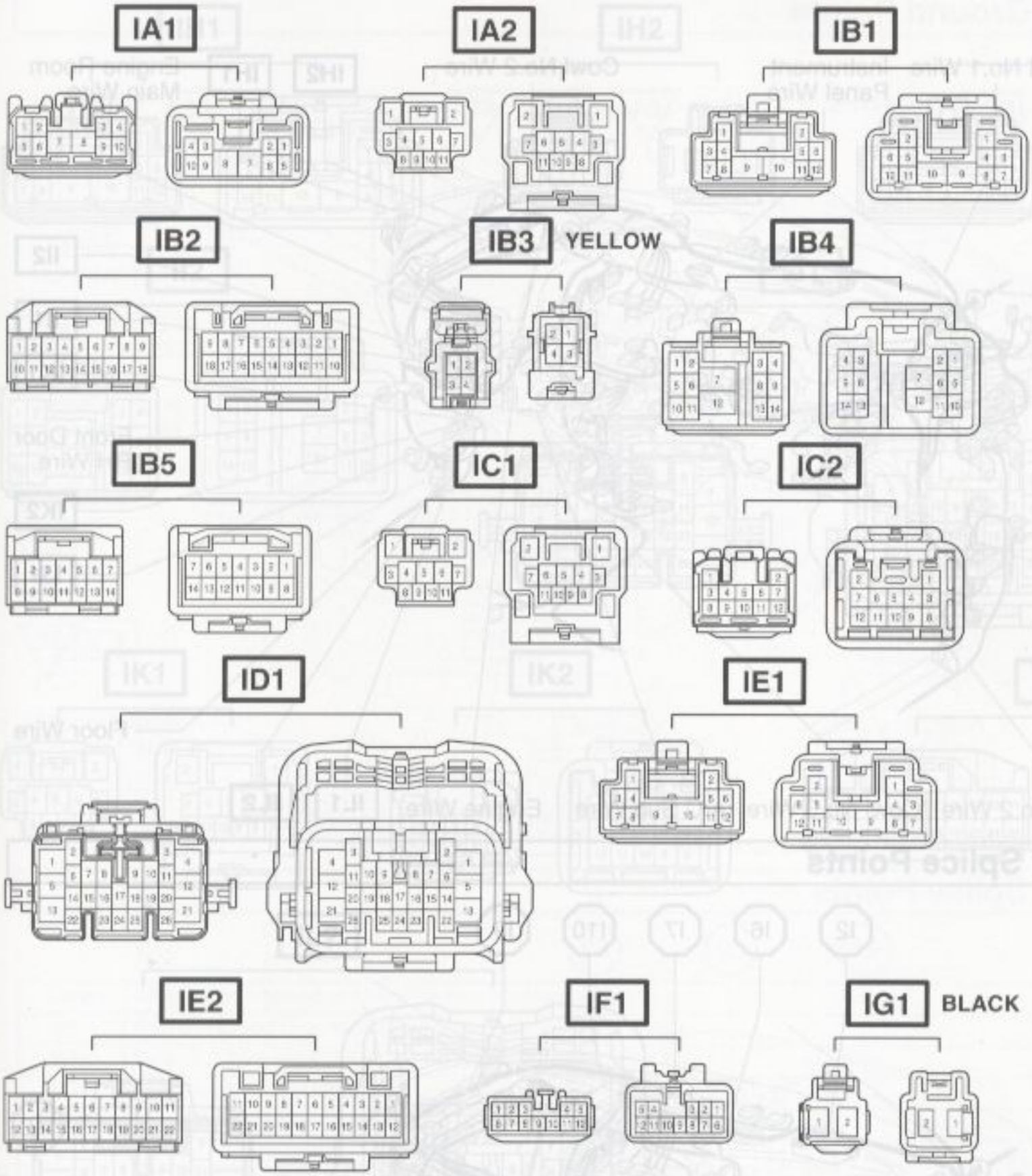
[LHD]



▽ : Location of Ground Points



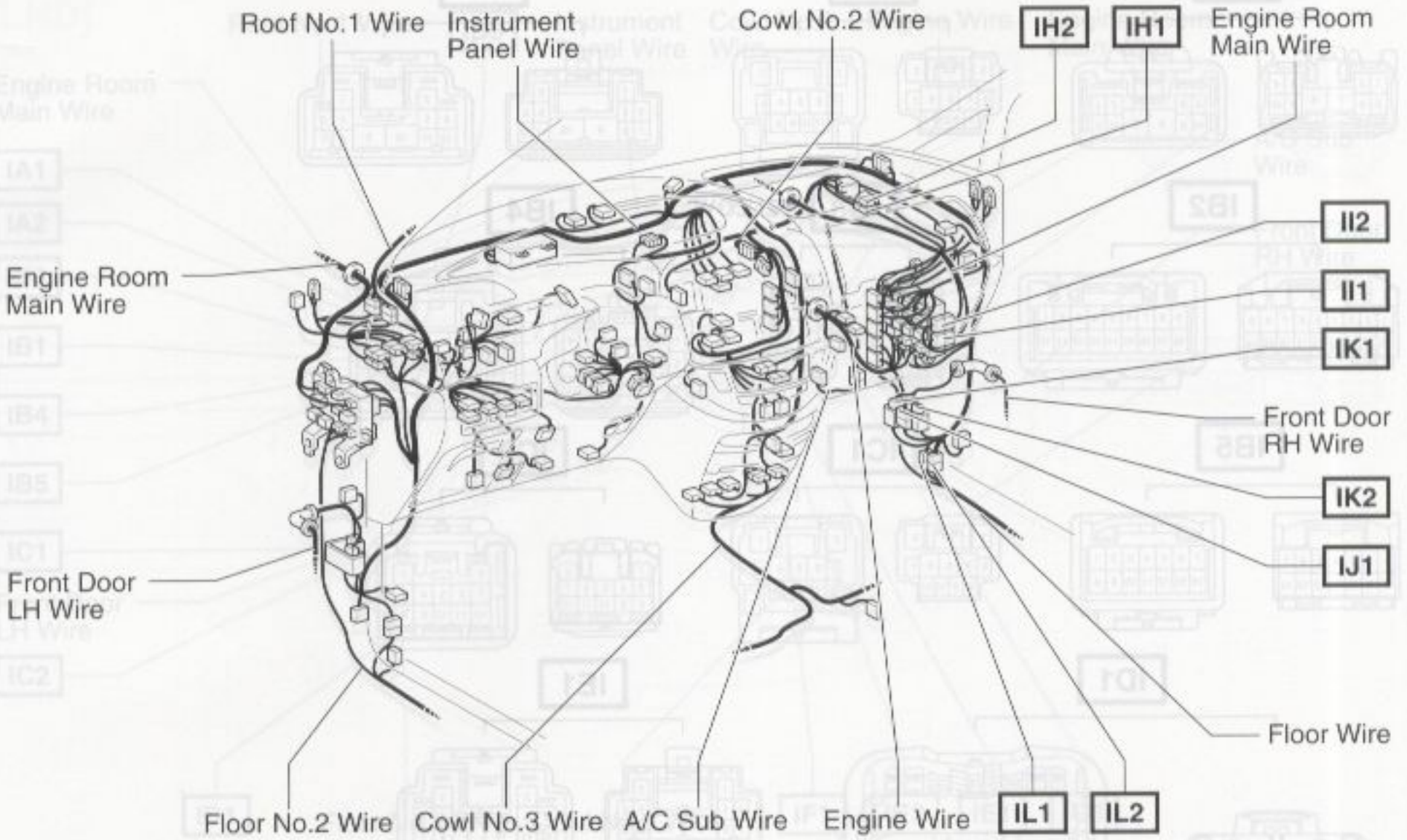
Connector Joining Wire Harness and Wire Harness



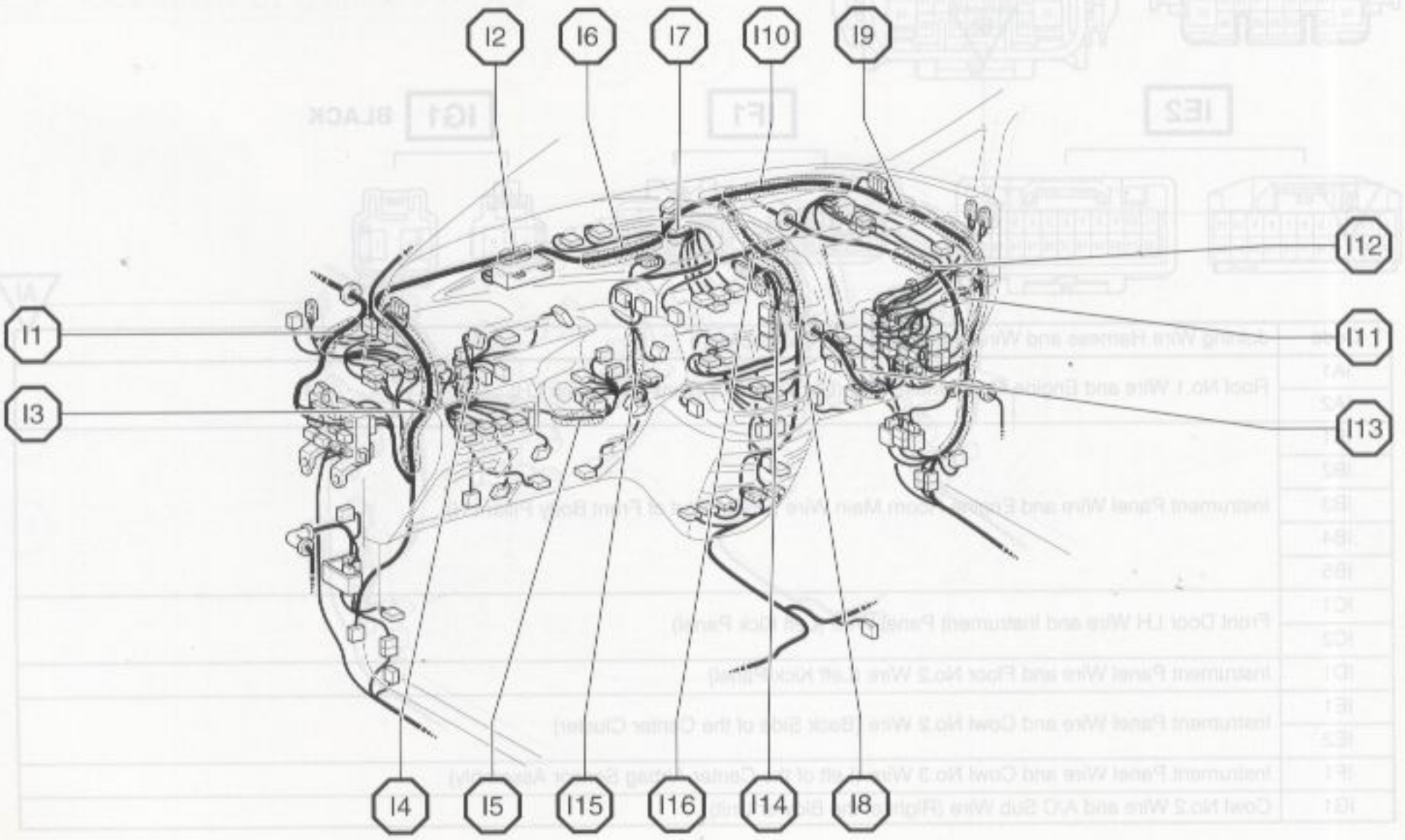
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IA2	
IB1	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB2	
IB3	
IB4	
IB5	
IC1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IC2	
ID1	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IE1	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2	
IF1	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IG1	Cowl No.2 Wire and A/C Sub Wire (Right of the Blower Unit)

▭ : Location of Connector Joining Wire Harness and Wire Harness

[LHD]

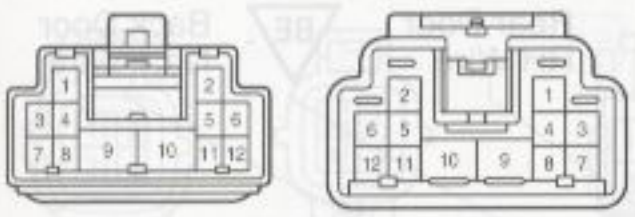


○ : Location of Splice Points

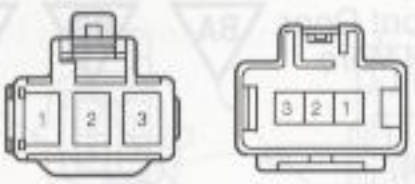


Connector Joining Wire Harness and Wire Harness

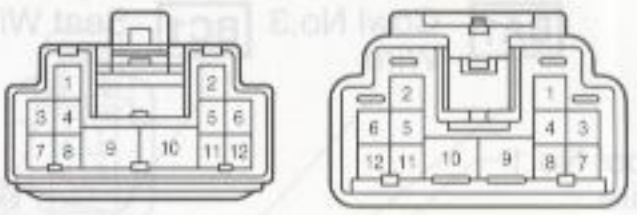
IH1



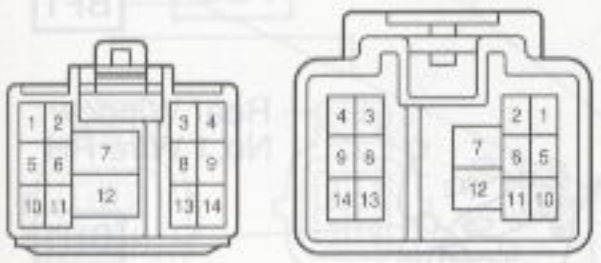
IH2



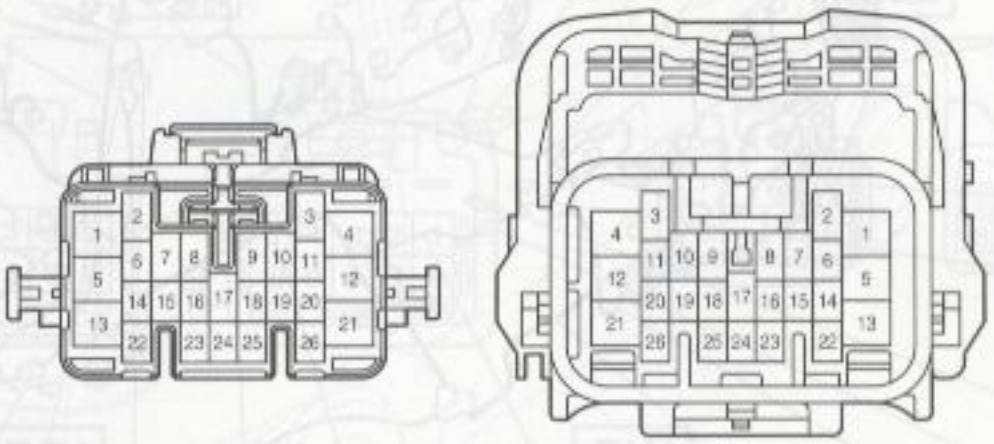
II1



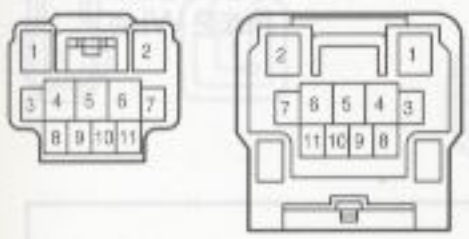
II2



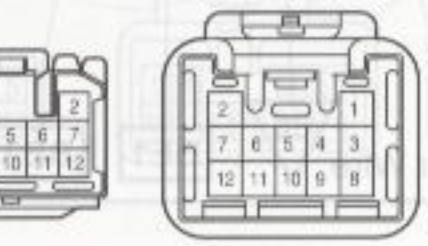
IJ1



IK1



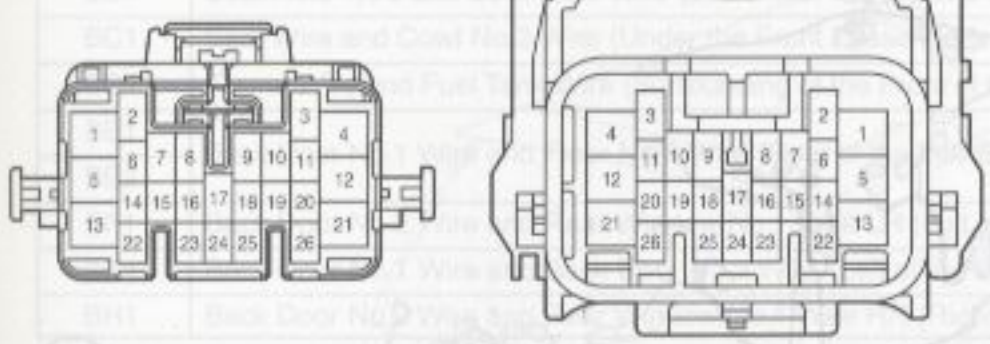
IK2



IL1



IL2



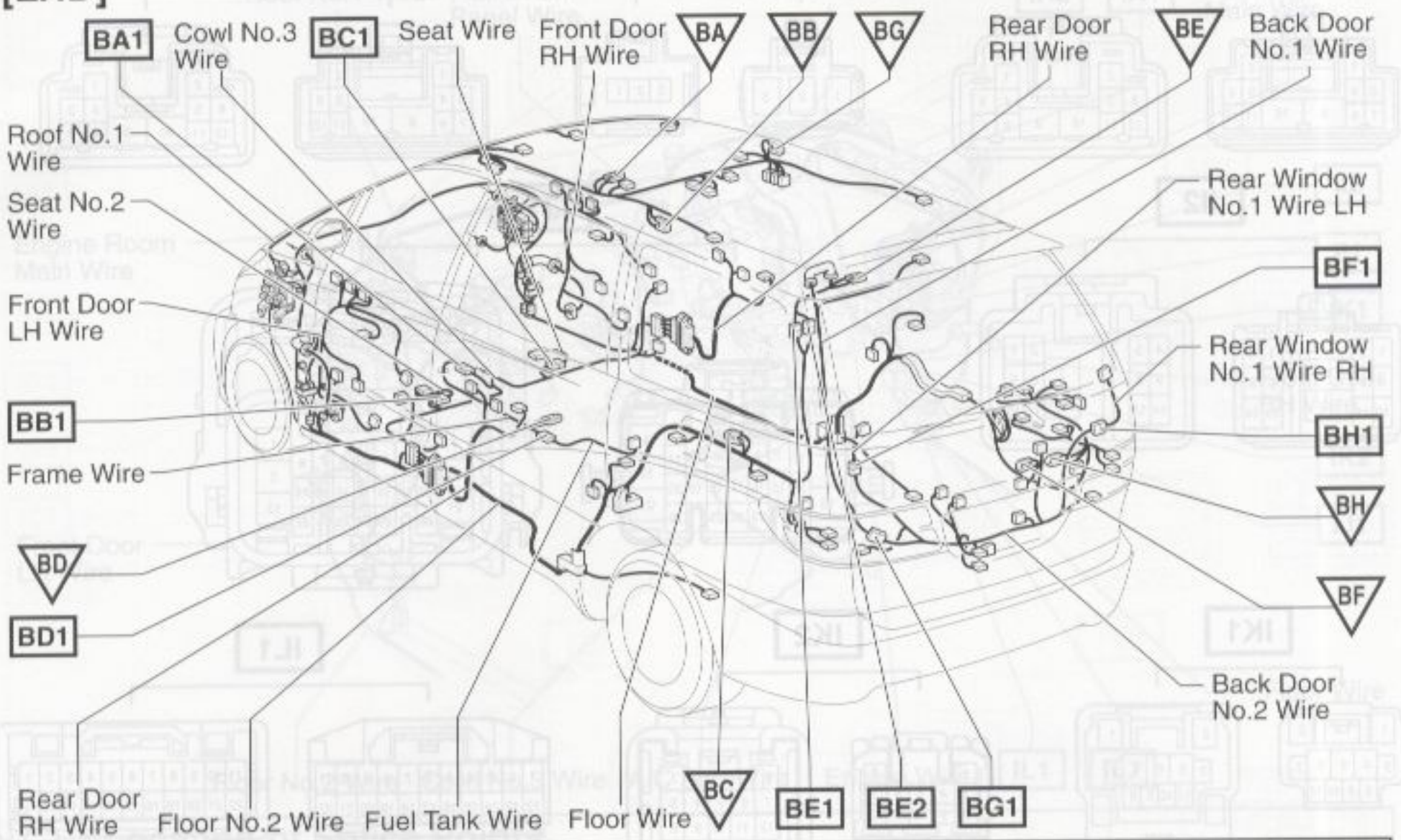
Code	Joining Wire Harness and Wire Harness (Connector Location)
IH1	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar RH)
IH2	
II1	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
II2	
IJ1	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IK1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK2	
IL1	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IL2	

G ELECTRICAL WIRING ROUTING

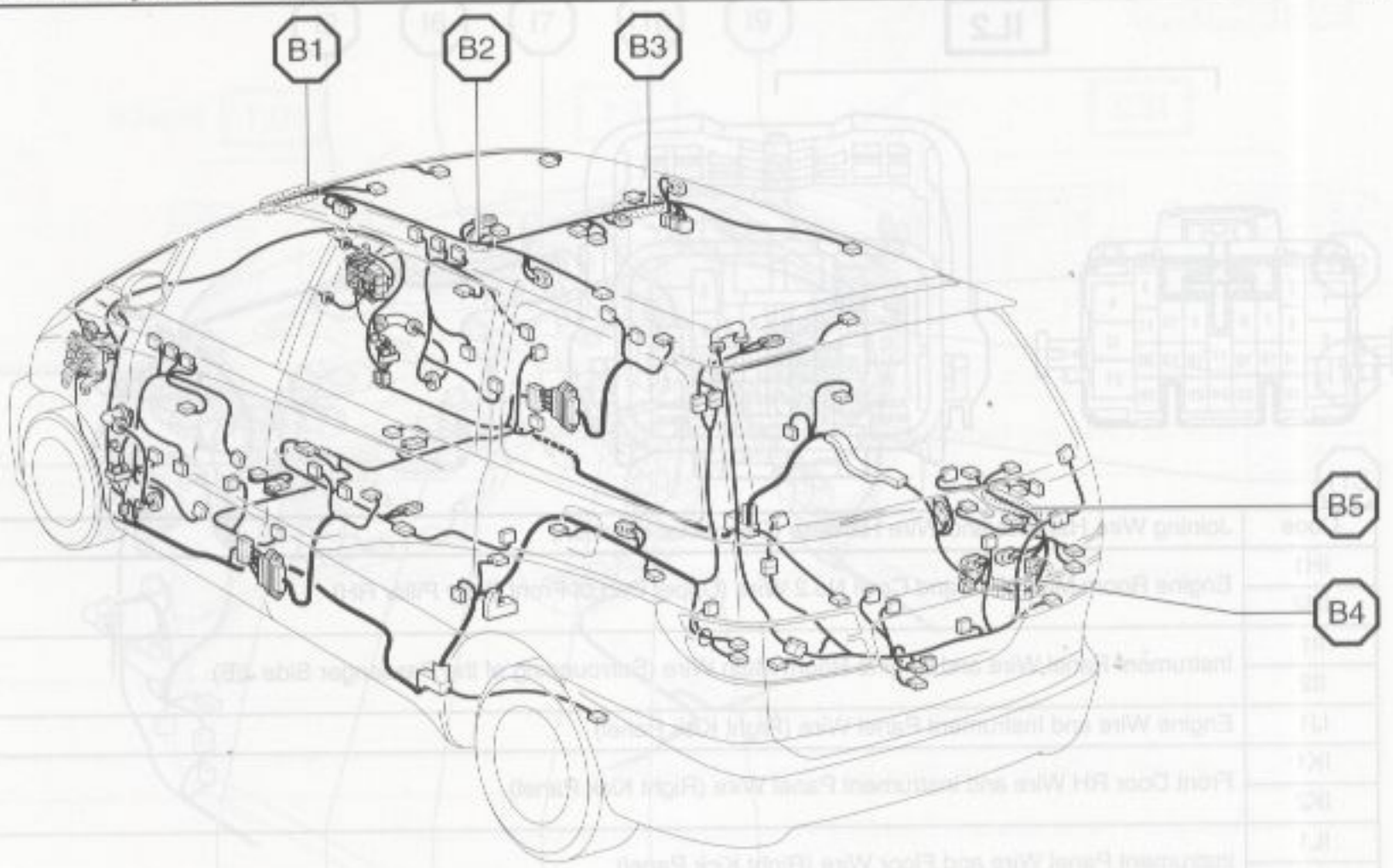
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

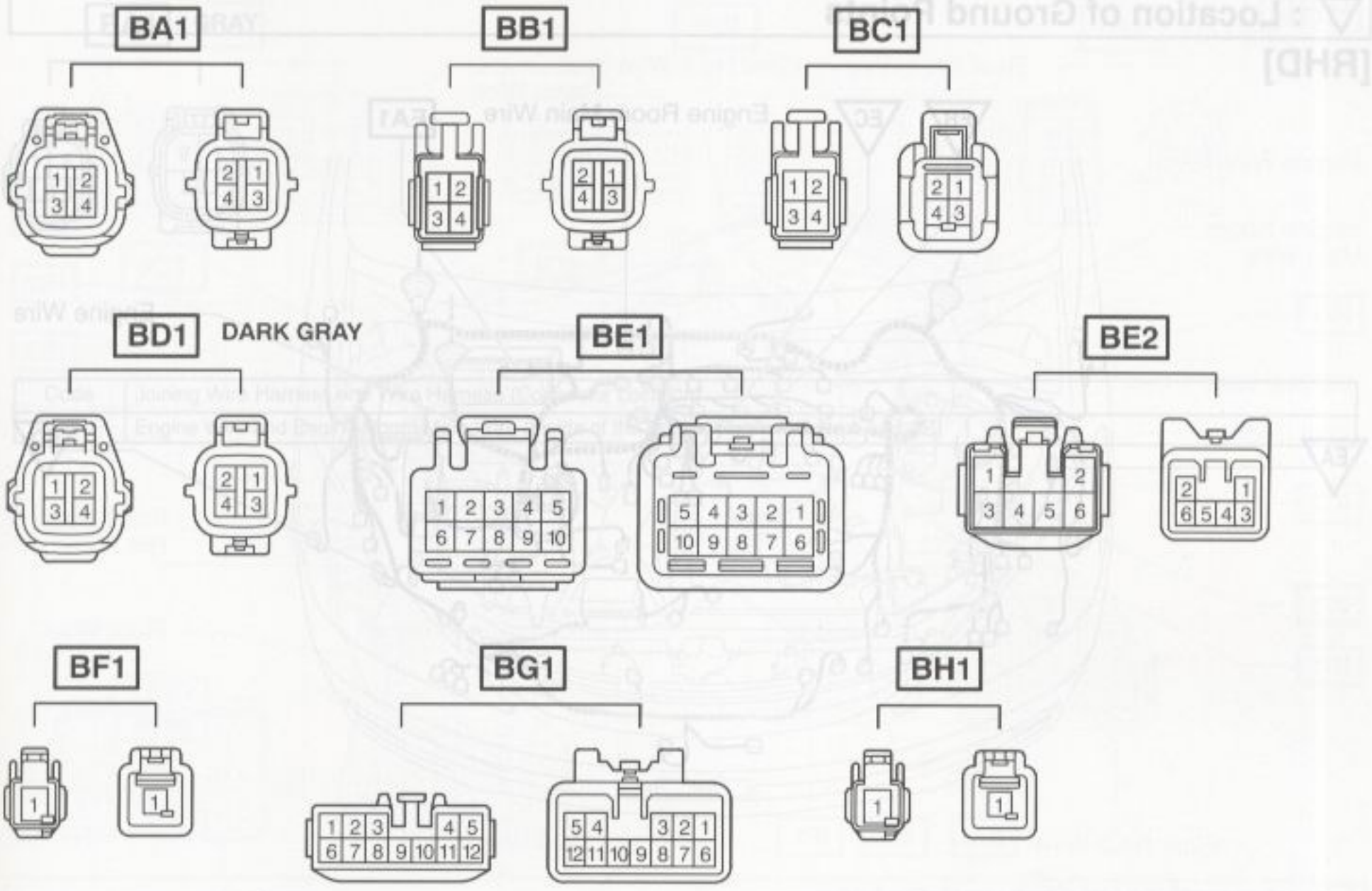
[LHD]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



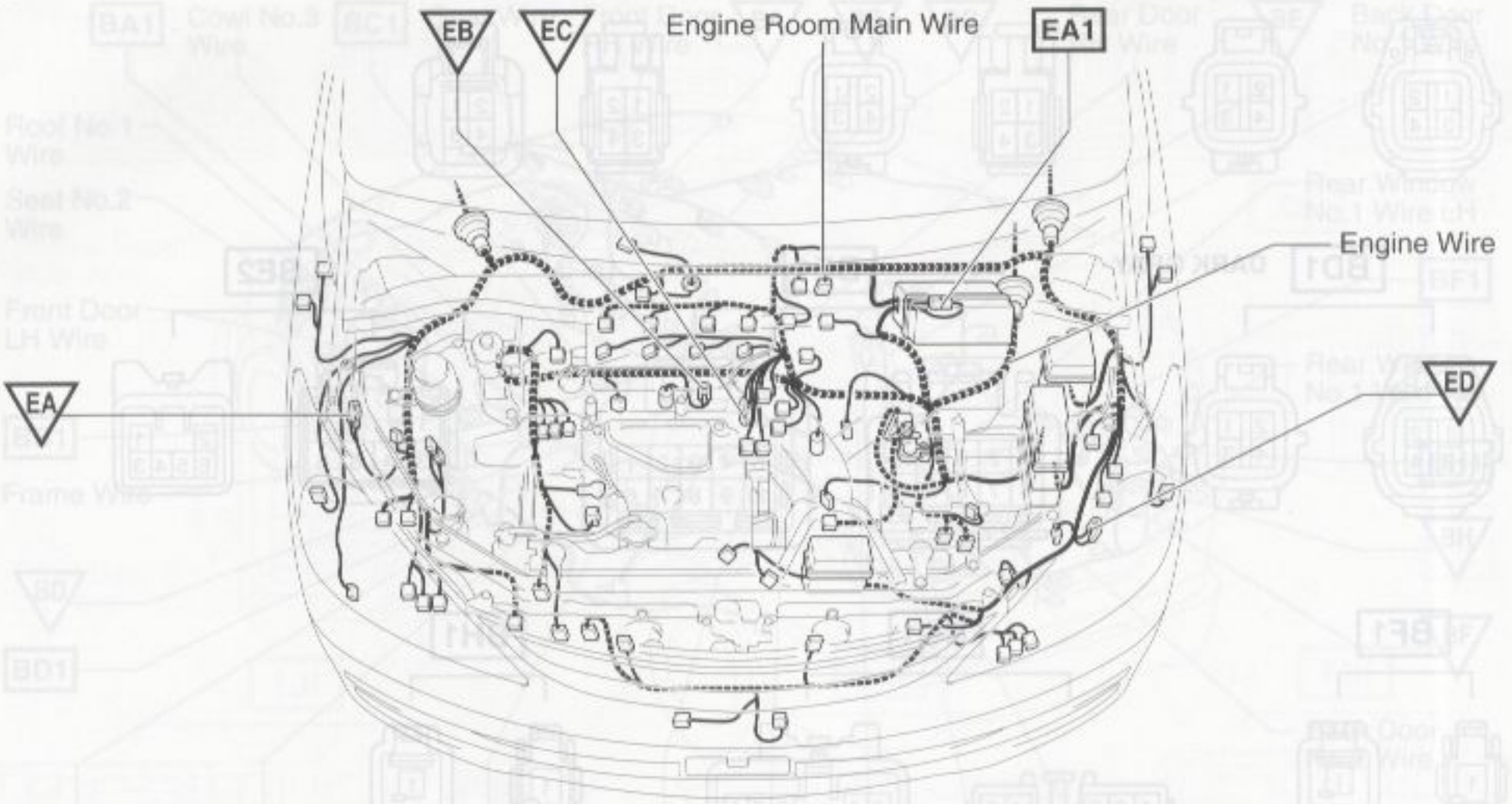
Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Frame Wire and Cowl No.3 Wire (Right Under the Driver's Seat)
BB1	Seat No.2 Wire and Cowl No.3 Wire (Left Under the Driver's Seat)
BC1	Seat Wire and Cowl No.3 Wire (Under the Front Passenger's Seat)
BD1	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)
BE1	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BE2	
BF1	Back Door No.2 Wire and Rear Window No.1 Wire LH (Left of the Back Door)
BG1	Back Door No.1 Wire and Back Door No.2 Wire (Left of the License Plate)
BH1	Back Door No.2 Wire and Rear Window No.1 Wire RH (Right of the Back Door)

G ELECTRICAL WIRING ROUTING

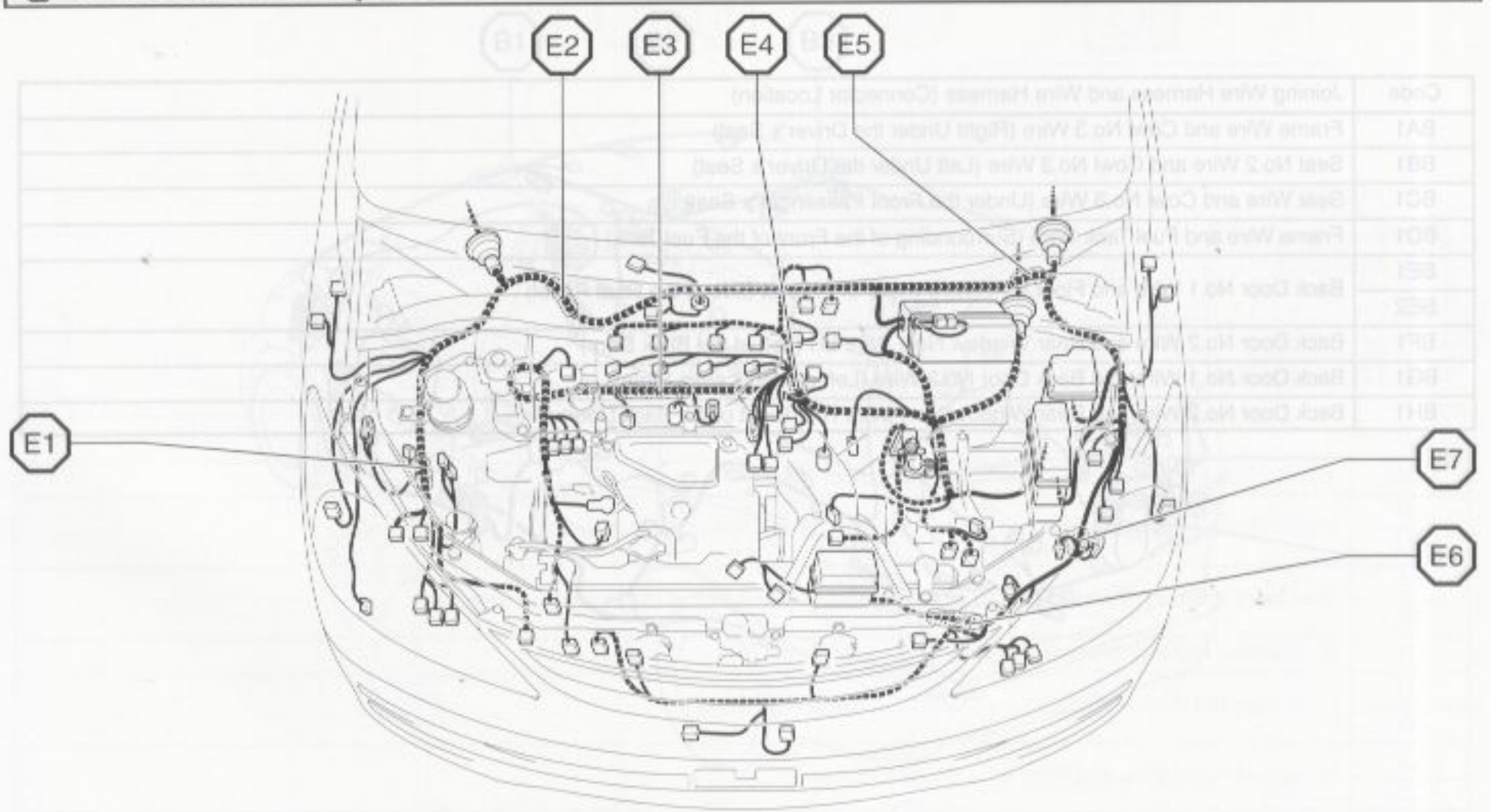
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD]



○ : Location of Splice Points



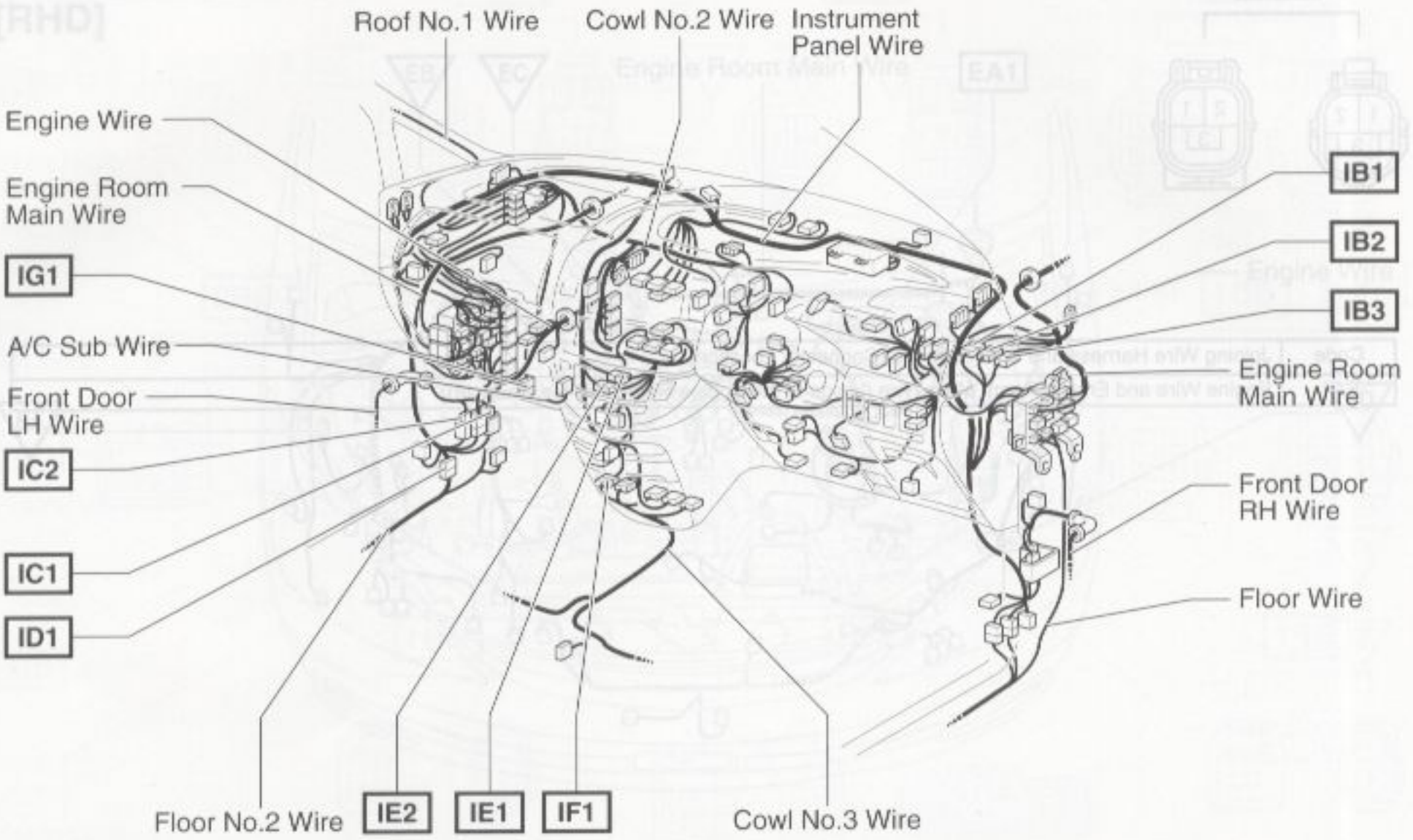
Connector Joining Wire Harness and Wire Harness



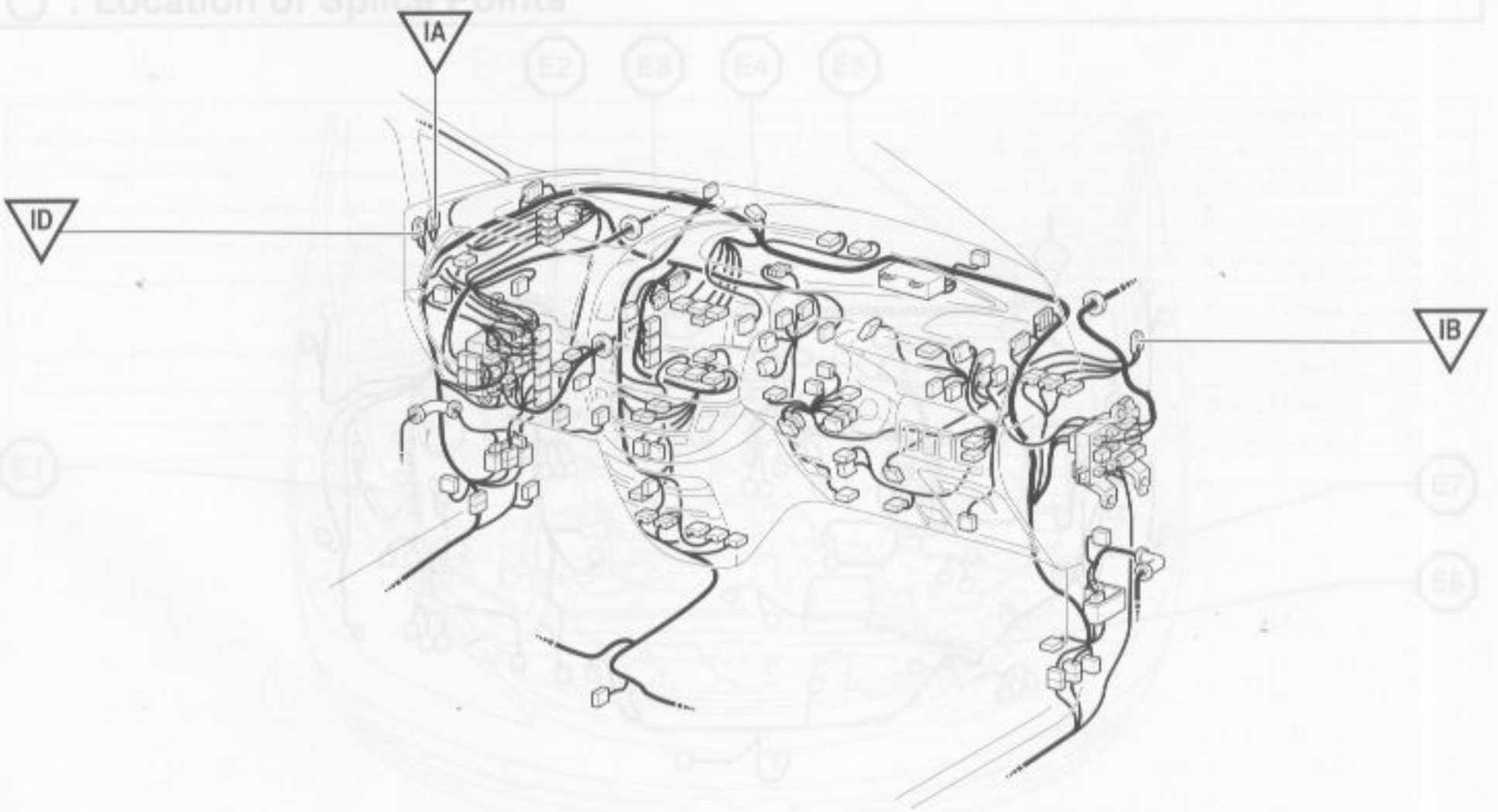
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]

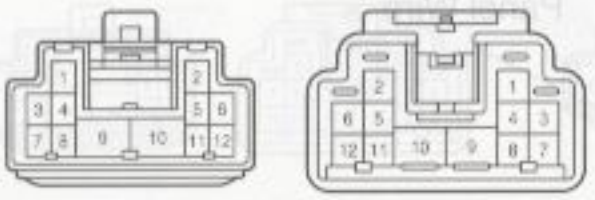


▽ : Location of Ground Points

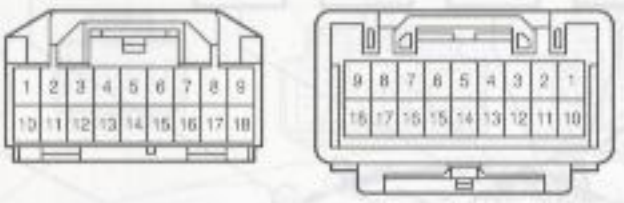


Connector Joining Wire Harness and Wire Harness

IB1



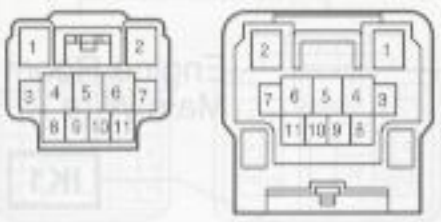
IB2



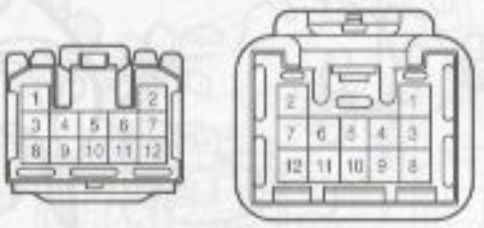
IB3 YELLOW



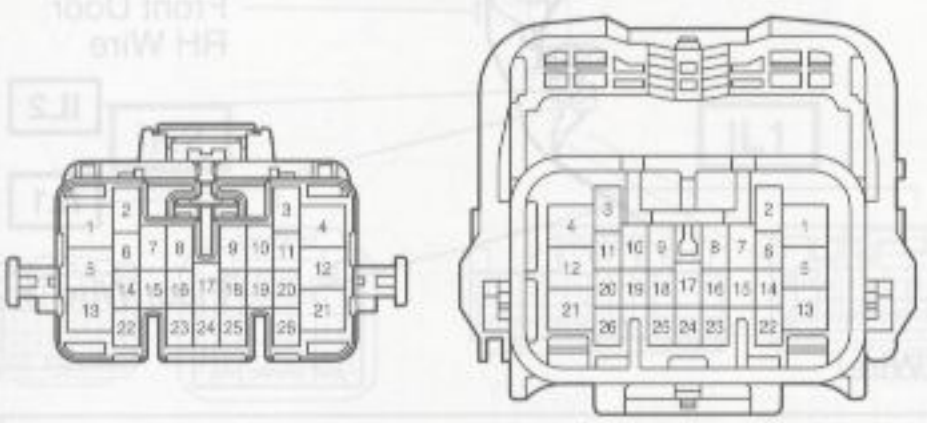
IC1



IC2



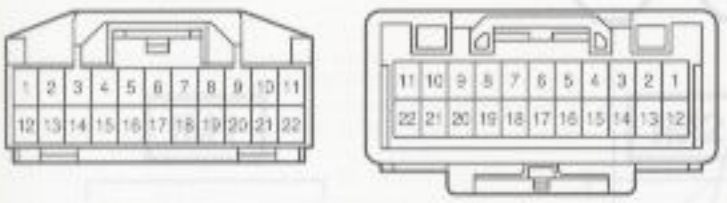
ID1



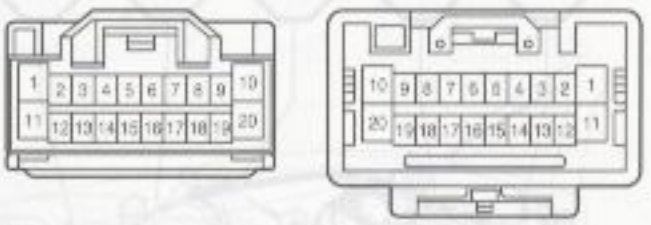
IE1



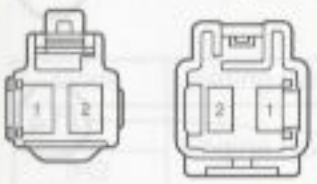
IE2



IF1



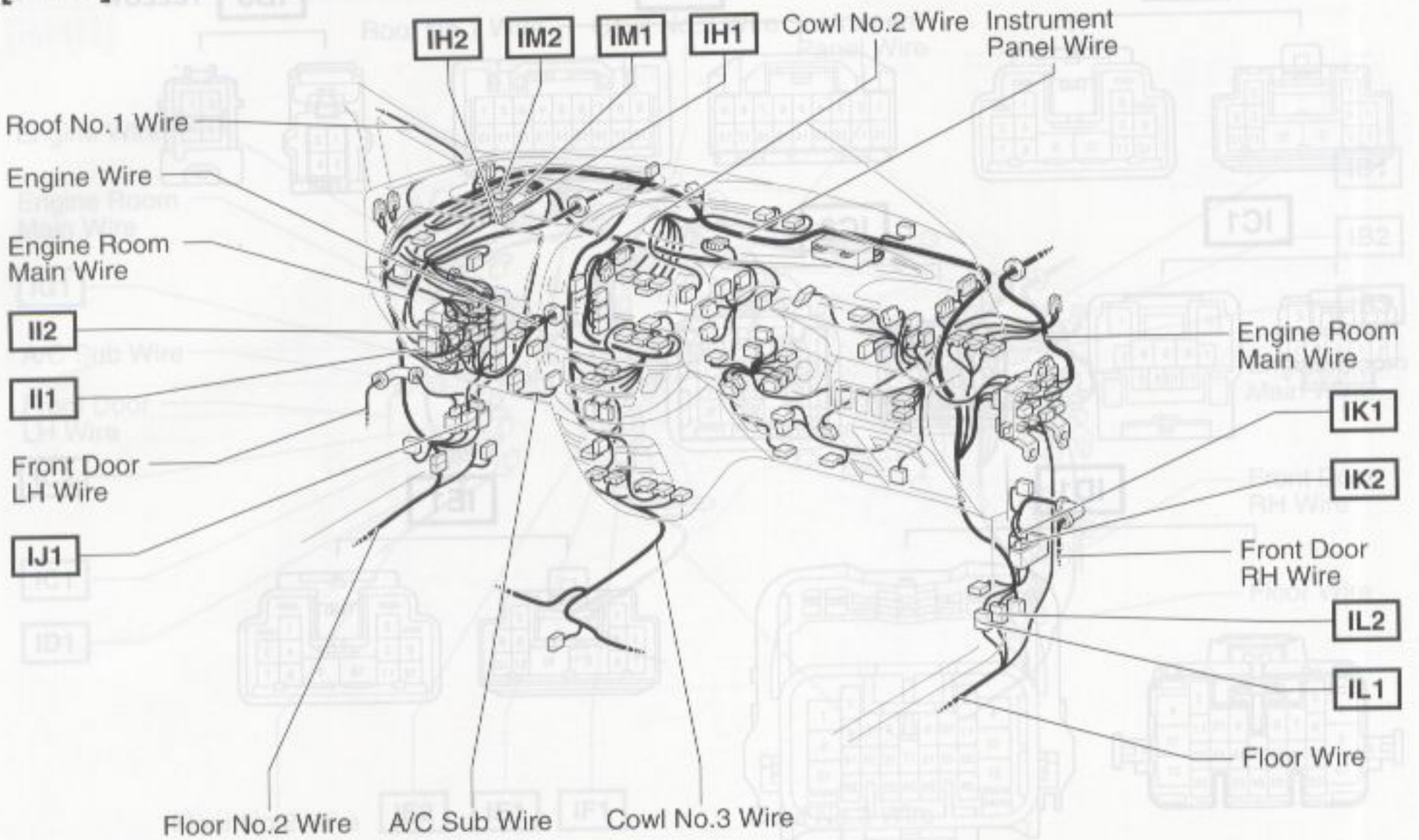
IG1 BLACK



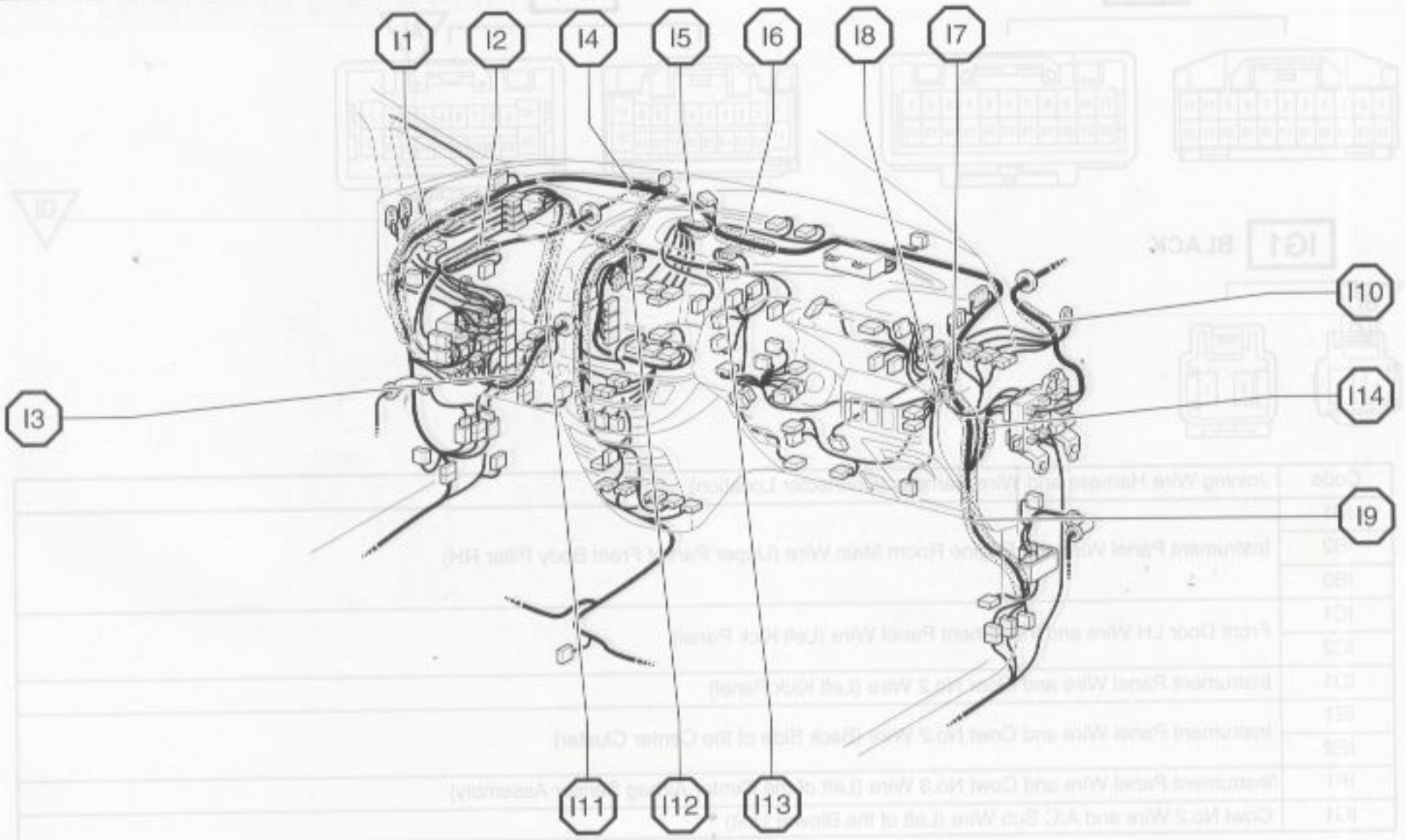
Code	Joining Wire Harness and Wire Harness (Connector Location)
IB1	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	
IB3	
IC1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IC2	
ID1	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IE1	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2	
IF1	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IG1	Cowl No.2 Wire and A/C Sub Wire (Left of the Blower Unit)

▭ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



○ : Location of Splice Points

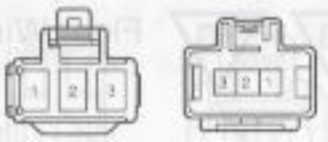


Connector Joining Wire Harness and Wire Harness

IH1



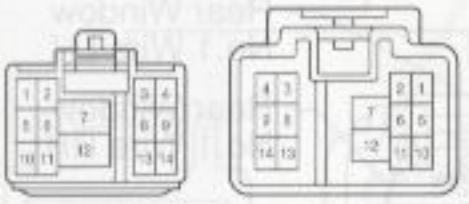
IH2



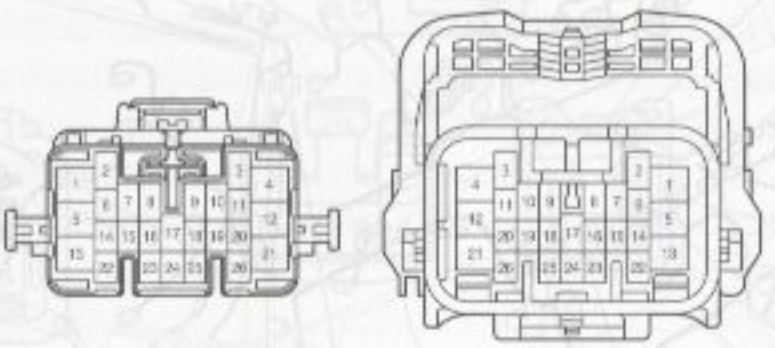
II1



II2



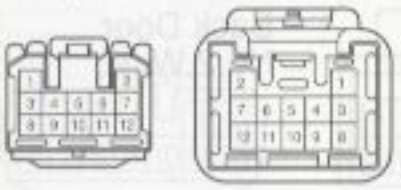
IJ1



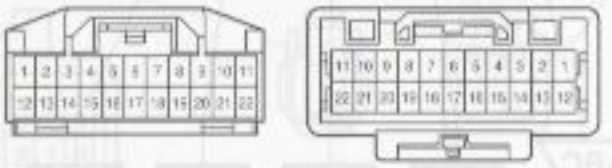
IK1



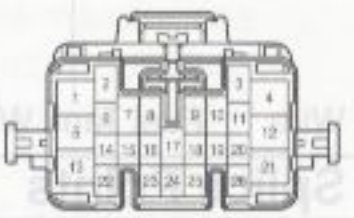
IK2

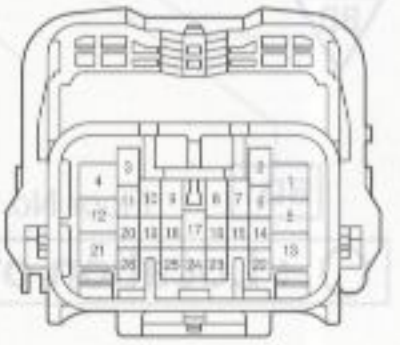


IL1

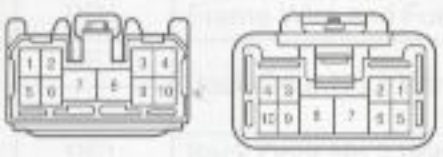


IL2





IM1



IM2



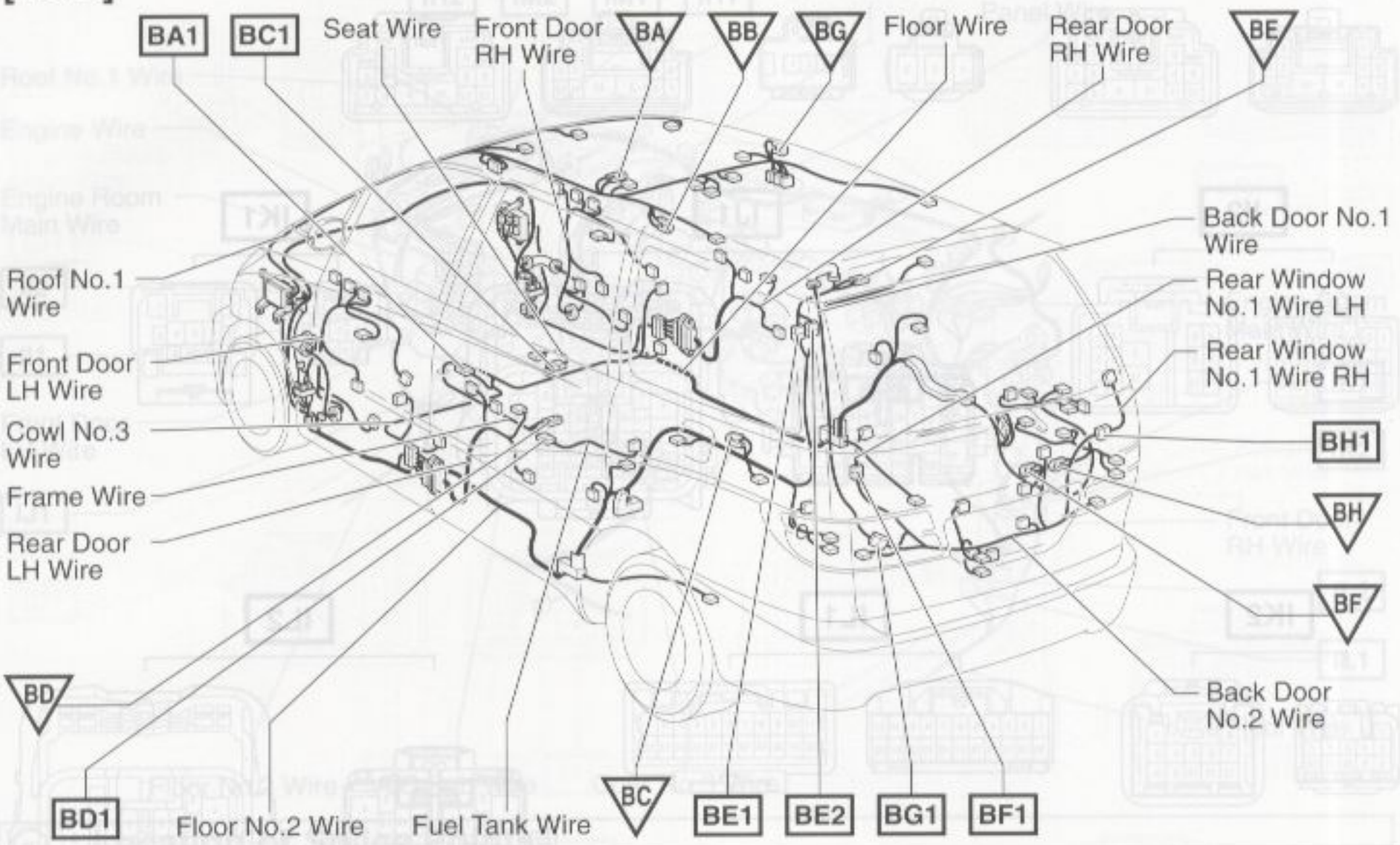
Code	Joining Wire Harness and Wire Harness (Connector Location)
IH1	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
IH2	
II1	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
II2	
IJ1	Engine Wire and Instrument Panel Wire (Left Kick panel)
IK1	Front Door RH Wire and Instrument Panel Wire (Right Kick panel)
IK2	
IL1	Instrument Panel Wire and Floor Wire (Right Kick panel)
IL2	
IM1	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
IM2	

G ELECTRICAL WIRING ROUTING

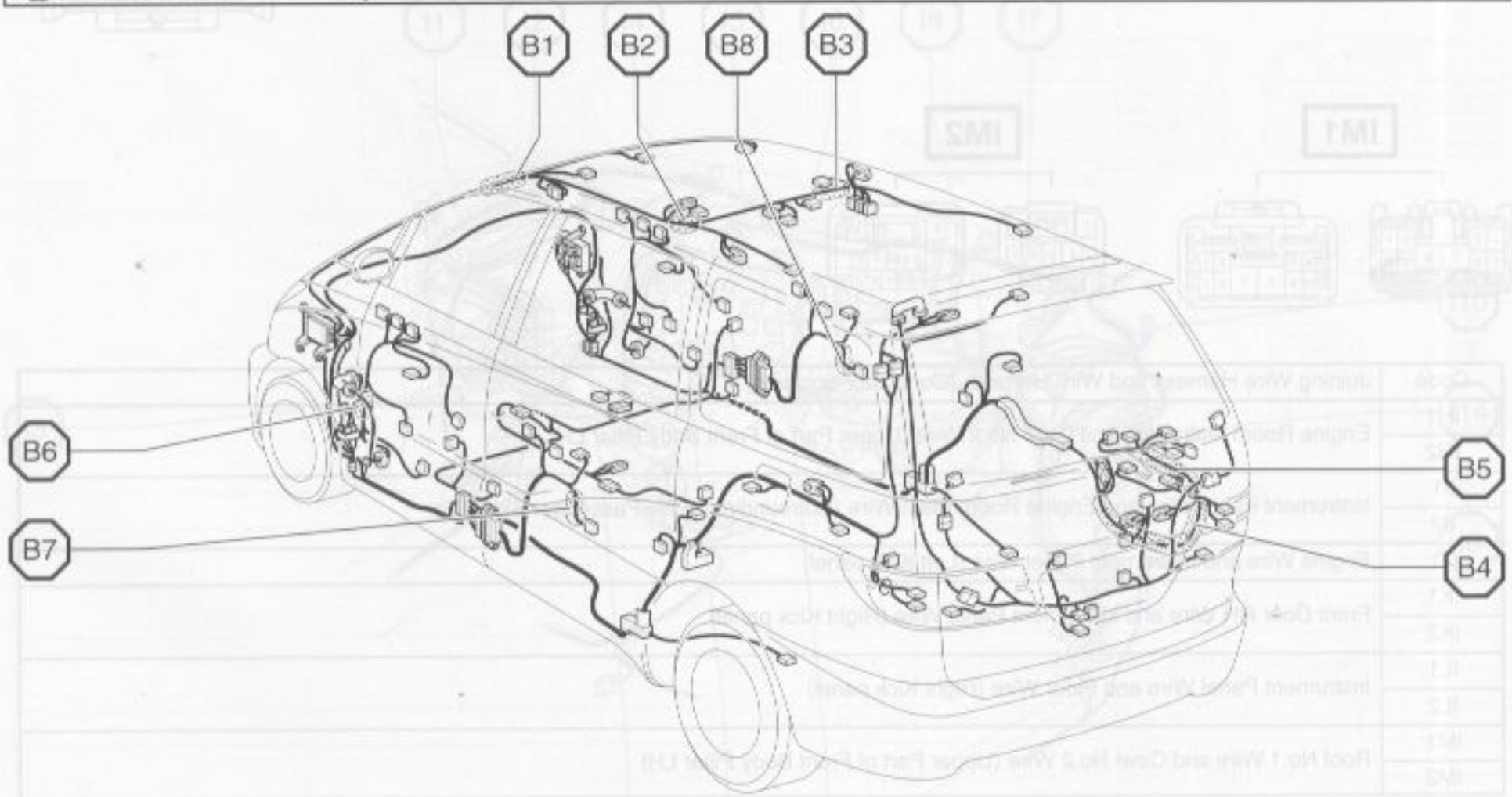
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

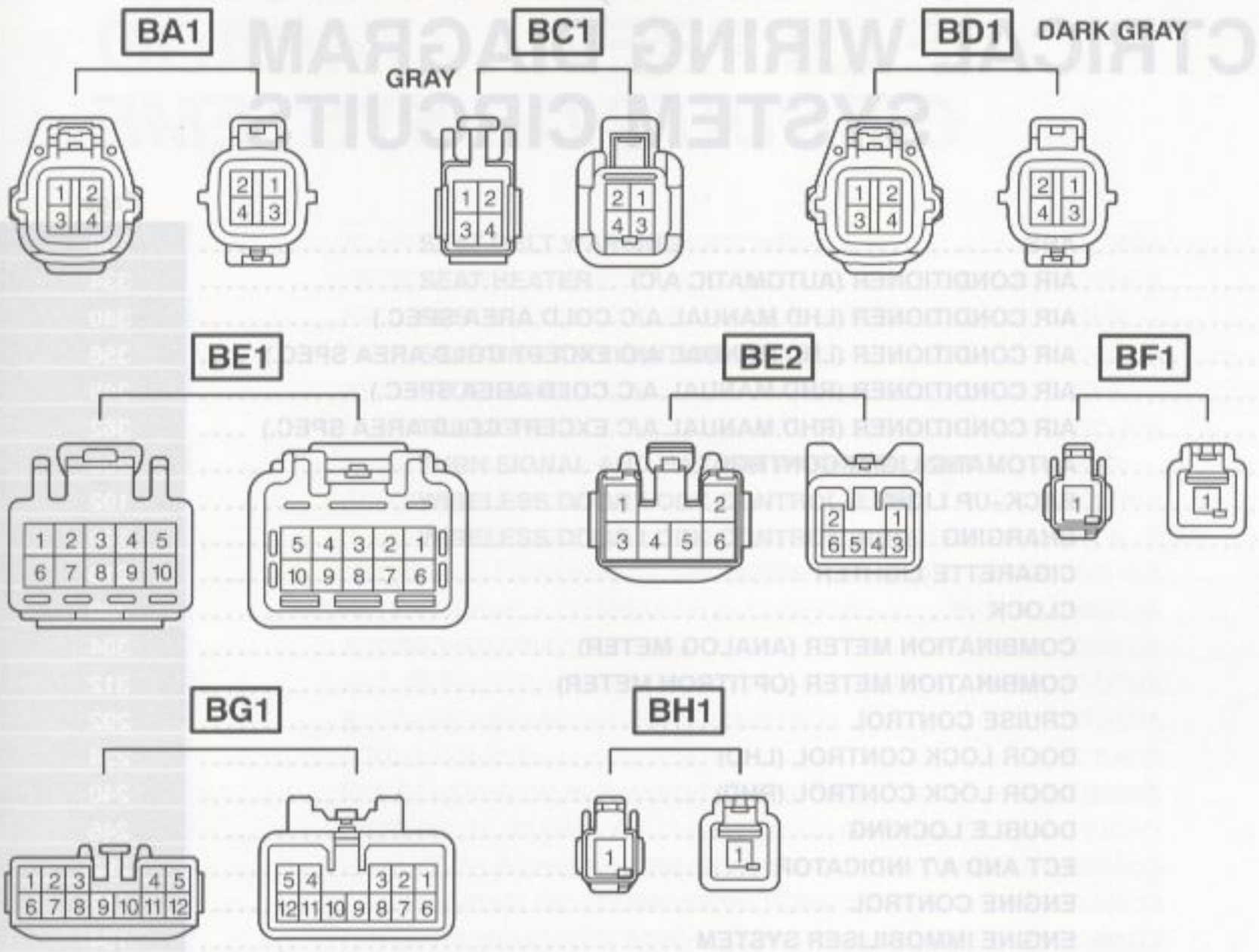
[RHD]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Frame Wire and Cowl No.3 Wire (Right Under the Front Passenger's Seat)
BC1	Seat Wire and Cowl No.3 Wire (Under the Driver's Seat)
BD1	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)
BE1	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BE2	
BF1	Back Door No.2 Wire and Rear Window No.1 Wire LH (Left of the Back Door)
BG1	Back Door No.1 Wire and Back Door No.2 Wire (Left of the License Plate)
BH1	Back Door No.2 Wire and Rear Window No.1 Wire RH (Right of the Back Door)

PREVIA / TARAGO ELECTRICAL WIRING DIAGRAM SYSTEM CIRCUITS

	Page
ABS	298
AIR CONDITIONER (AUTOMATIC A/C)	334
AIR CONDITIONER (LHD MANUAL A/C COLD AREA SPEC.)	340
AIR CONDITIONER (LHD MANUAL A/C EXCEPT COLD AREA SPEC.)	356
AIR CONDITIONER (RHD MANUAL A/C COLD AREA SPEC.)	348
AIR CONDITIONER (RHD MANUAL A/C EXCEPT COLD AREA SPEC.)	362
AUTOMATIC LIGHT CONTROL	206
BACK-UP LIGHT	192
CHARGING	140
CIGARETTE LIGHTER	210
CLOCK	280
COMBINATION METER (ANALOG METER)	304
COMBINATION METER (OPTITRON METER)	312
CRUISE CONTROL	292
DOOR LOCK CONTROL (LHD)	234
DOOR LOCK CONTROL (RHD)	240
DOUBLE LOCKING	246
ECT AND A/T INDICATOR	282
ENGINE CONTROL	142
ENGINE IMMOBILISER SYSTEM	154
FRONT FOG LIGHT	168
FRONT WIPER AND WASHER	220
HEADLIGHT (w/ DAYTIME RUNNING LIGHT)	158
HEADLIGHT (w/o DAYTIME RUNNING LIGHT)	162
HEADLIGHT BEAM LEVEL CONTROL	166
HEADLIGHT CLEANER	208
HORN	228
ILLUMINATION (LHD)	178
ILLUMINATION (RHD)	182
INTERIOR LIGHT (LHD)	194
INTERIOR LIGHT (RHD)	200
LIGHT REMINDER AND KEY REMINDER BUZZER	214
MOON ROOF	230
POWER OUTLET	212
POWER SOURCE	130
POWER WINDOW (LHD)	264
POWER WINDOW (RHD)	268
PTC HEATER	328
RADIATOR FAN AND CONDENSER FAN	330
RADIO AND PLAYER (w/ DISPLAY)	274
RADIO AND PLAYER (w/o DISPLAY)	278
REAR FOG LIGHT	170
REAR WINDOW DEFOGGER AND MIRROR HEATER	324
REAR WIPER AND WASHER	224
REMOTE CONTROL MIRROR	272

	Page
SEAT BELT WARNING	218
SEAT HEATER	322
SRS	289
STARTING AND IGNITION	136
STOP LIGHT	190
TAILLIGHT	174
TURN SIGNAL AND HAZARD WARNING LIGHT	186
WIRELESS DOOR LOCK CONTROL (LHD)	252
WIRELESS DOOR LOCK CONTROL (RHD)	258

SCHEMA DE CABLAGE ELECTRIQUE DE LA PREVIA / TARAGO CIRCUITS DU SYSTEME

	Page
ABS	298
AIR CONDITIONNE (A/C A COMMANDE MANUELLE A CONDUITE A DROITE SAUF MODELE POUR REGIONS FROIDES)	362
AIR CONDITIONNE (A/C A COMMANDE MANUELLE A CONDUITE A DROITE POUR REGIONS FROIDES)	348
AIR CONDITIONNE (A/C A COMMANDE MANUELLE A CONDUITE A GAUCHE POUR REGIONS FROIDES)	340
AIR CONDITIONNE (A/C A COMMANDE MANUELLE A CONDUITE A GAUCHE SAUF MODEIE POUR REGIONS FROIDES)	356
AIR CONDITIONNE (A/C AUTOMATIQUE)	334
ALLUME-CIGARE	210
AUTORADIO ET LECTEUR DE CASSETTES (AVEC AFFICHEUR)	274
AUTORADIO ET LECTEUR DE CASSETTES (SANS AFFICHEUR)	278
AVERTISSEUR	228
CHARGE	140
CHAUFFAGE DE PTC	328
CHAUFFAGE DE SIEGE	322
COMBINE DE BORD (COMPTEUR ANALOGIQUE)	304
COMBINE DE BORD (COMPTEUR OPTIRON)	312
COMMANDE DE CONDAMNATION DE PORTE (CONDUITE A DROITE)	240
COMMANDE DE CONDAMNATION DE PORTE (CONDUITE A GAUCHE)	234
COMMANDE DE CONDAMNATION DE PORTE A COMMANDE RADIO (CONDUITE A DROITE)	258
COMMANDE DE CONDAMNATION DE PORTE A COMMANDE RADIO (CONDUITE A GAUCHE)	252
COMMANDE DE MOTEUR	142
COMMANDE DE REGLAGE D'ORIENTATION DE FAISCEAU DE PROJECTEUR	166
COMMANDE D'ECLAIRAGE AUTOMATIQUE	206
DEMARRAGE ET ALLUMAGE	136
DESEMBUEUR DE GLACE DE LUNETTE ARRIERE ET RESISTANCE ELECTRIQUE DE CHAUFFAGE DE RETROVISEUR	324
DOUBLE VERROUILLAGE	246
ECLAIRAGE (CONDUITE A DROITE)	182
ECLAIRAGE (CONDUITE A GAUCHE)	178
ESSUIE-GLACE ET LAVE-GLACE DE LUNETTE ARRIERE	224
ESSUIE-GLACE ET LAVE-GLACE DE PARE-BRISE	220
FEUX DE POSITION ARRIERE	174
FEUX DE RECUL	192
FEUX STOP	190
INDICATEUR ECT ET A/T	282
LAVE-PROJECTEUR AVANT	208
LEVE-GLACE ELECTRIQUE (CONDUITE A DROITE)	268
LEVE-GLACE ELECTRIQUE (CONDUITE A GAUCHE)	264
MONTRE ELECTRIQUE DE BORD	280
PLAFONNIER (CONDUITE A DROITE)	200

	Page
PLAFONNIER (CONDUITE A GAUCHE)	194
PRISE D'ALIMENTATION	212
PROGRAMMATEUR DE VITESSE DE CROISIERE	292
PROJECTEUR ANTIBROUILLARD ARRIERE	170
PROJECTEUR ANTIBROUILLARD AVANT	168
PROJECTEUR AVANT (AVEC UN SYSTEME D'ECLAIRAGE DE CONDUITE DE JOUR)	158
PROJECTEUR AVANT (SANS SYSTEME D'ECLAIRAGE DE CONDUITE DE JOUR)	162
RAPPEL DE CEINTURE DE SECURITE	218
RETROVISEUR A COMMANDE ELECTRIQUE	272
SOURCE D'ALIMENTATION	130
SRS	289
SYSTEME IMMOBILISATEUR DE MOTEUR	154
TOIT OUVRANT	230
VENTILATEUR DE RADIATEUR ET VENTILATEUR DE CONDENSEUR	330
VIBREUR DE RAPPEL D'ECLAIRAGE ALLUME ET DE CLE	214
VOYANT DE RAPPEL DE FEU DE CHANGEMENT DE DIRECTION ET DE FEUX DE DETRESSE	186

PREVIA / TARAGO
DIAGRAMA DEL CABLEADO ELECTRICO
CIRCUITOS DE SISTEMAS

	Página
ABS	298
ACONDICIONADOR DE AIRE (A/C AUTOMATICO)	334
ACONDICIONADOR DE AIRE (A/C MANUAL DE LA DIRECCION A LA DERECHA EXCEPTO LA ESPECIFICACION PARA EL AREA FRIA)	362
ACONDICIONADOR DE AIRE (A/C MANUAL DE LA DIRECCION A LA DERECHA, ESPECIFICACION PARA EL AREA FRIA)	348
ACONDICIONADOR DE AIRE (A/C MANUAL DE LA DIRECCION A LA IZQUIERDA EXCEPTO LA ESPECIFICACION PARA EL AREA FRIA)	356
ACONDICIONADOR DE AIRE (A/C MANUAL DE LA DIRECCION A LA IZQUIERDA, ESPECIFICACION PARA EL AREA FRIA)	340
ADVERTENCIA DE CINTURON DE SEGURIDAD	218
ALIMENTACION	130
ARRANQUE Y ENCENDIDO	136
BOCINA	228
CALEFACTOR DE PTC	328
CALEFACTOR DEL ASIENTO	322
CARGA	140
CONTROL AUTOMATICO DE LAS LUCES	206
CONTROL DE BLOQUEO DE LA PUERTA (DIRECCION A LA DERECHA)	240
CONTROL DE BLOQUEO DE LA PUERTA (DIRECCION A LA IZQUIERDA)	234
CONTROL DE BLOQUEO DE LA PUERTA INALAMBRICO (DIRECCION A LA DERECHA)	258
CONTROL DE BLOQUEO DE LA PUERTA INALAMBRICO (DIRECCION A LA IZQUIERDA)	252
CONTROL DE CRUCERO	292
CONTROL DEL MOTOR	142
CONTROL DEL NIVEL DEL HAZ DEL FARO	166
DESEMPANADOR DE LA VENTANILLA TRASERA Y CALEFACTOR DEL RETROVISOR	324
DOBLE CIERRE	246
ENCENDEDOR DE CIGARRILLOS	210
ESPEJO RETROVISOR DE CONTROL REMOTO	272
FARO (CON LUZ DE MARCHA DIURNA)	158
FARO (SIN LUZ DE MARCHA DIURNA)	162
ILUMINACION (DIRECCION A LA DERECHA)	182
ILUMINACION (DIRECCION A LA IZQUIERDA)	178
INDICADOR DE ECT Y DE A/T	282
LIMPIADOR DEL FARO	208
LIMPIADOR Y LAVADOR DEL PARABRISAS	220
LIMPIADOR Y LAVADOR TRASEROS	224
LUZ ANTINIEBLA FRONTAL	168
LUZ ANTINIEBLA TRASERA	170
LUZ DE COLA	174
LUZ DE MARCHA ATRAS	192
LUZ DE PARADA	190

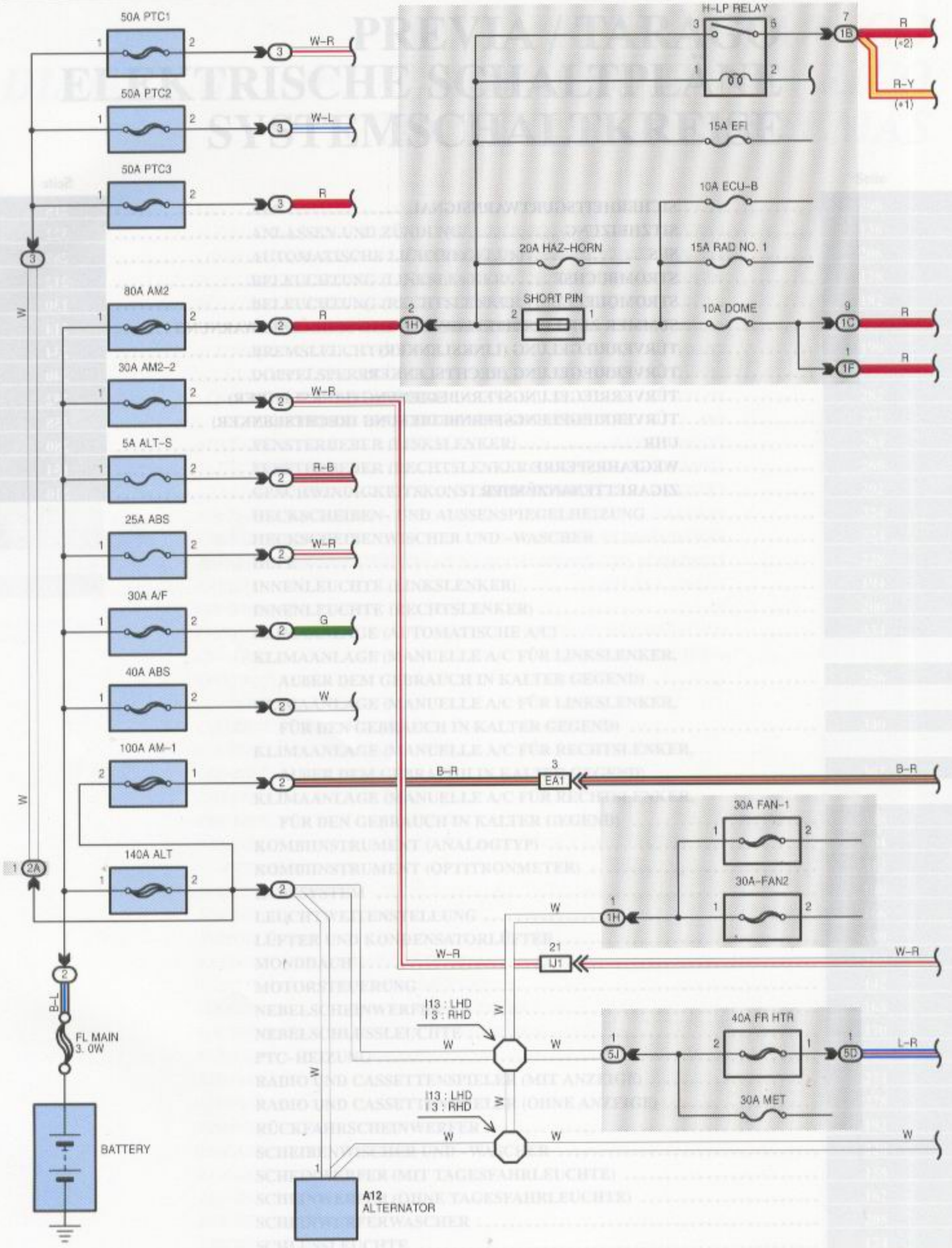
	Página
LUZ INTERIOR (DIRECCION A LA DERECHA)	200
LUZ INTERIOR (DIRECCION A LA IZQUIERDA)	194
MEDIDOR DE COMBINACION (MEDIDOR ANALOGICO)	304
MEDIDOR DE COMBINACION (MEDIDOR OPTITRON)	312
RADIO Y REPRODUCTOR (CON VISUALIZADOR)	274
RADIO Y REPRODUCTOR (SIN VISUALIZADOR)	278
RELOJ	280
SENAL DE GIRO Y LUZ DE ADVERTENCIA DE PELIGRO	186
SISTEMA INMOVILIZADOR DEL MOTOR	154
SRS	289
TECHO LUNAR	230
TOMA DE ALIMENTACION	212
VENTANILLA AUTOMATICA (DIRECCION A LA DERECHA)	268
VENTANILLA AUTOMATICA (DIRECCION A LA IZQUIERDA)	264
VENTILADOR DEL RADIADOR Y VENTILADOR DEL CONDENSADOR	330
ZUMBADOR DEL RECORDADOR DE LAS LUCES Y DEL RECORDADOR DE LA LLAVE	214

PREVIA / TARAGO
ELEKTRISCHE SCHALTPLÄNE
SYSTEMSCHALTKREISE

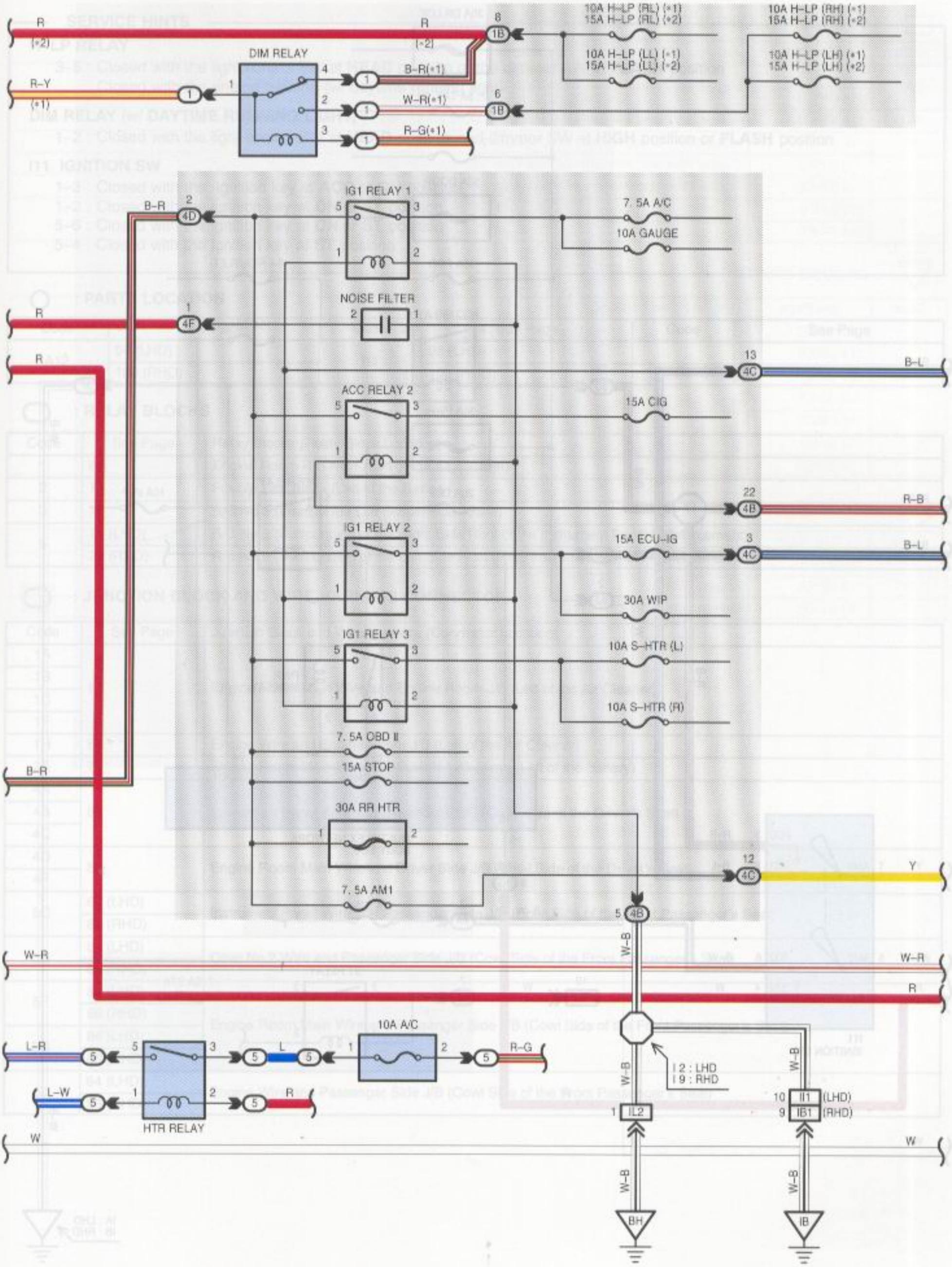
	Seite
ABS	298
ANLASSEN UND ZÜNDUNG	136
AUTOMATISCHE LICHTREGELUNG	206
BELEUCHTUNG (LINKSLENKER)	178
BELEUCHTUNG (RECHTSLENKER)	182
BLINK- UND WARNBLINKLEUCHTEN	186
BREMSLEUCHTE	190
DOPPELSPERRE	246
ECT- UND A/T-ANZEIGE	282
ELEKTRISCH EINSTELLBARER AUSSENSPIEGEL	272
FENSTERHEBER (LINKSLENKER)	264
FENSTERHEBER (RECHTSLENKER)	268
GESCHWINDIGKEITSKONSTANTHALTER	292
HECKSCHEIBEN- UND AUSSENSPIEGELHEIZUNG	324
HECKSCHEIBENWISCHER UND -WASCHER	224
HUPE	228
INNENLEUCHTE (LINKSLENKER)	194
INNENLEUCHTE (RECHTSLENKER)	200
KLIMAANLAGE (AUTOMATISCHE A/C)	334
KLIMAANLAGE (MANUELLE A/C FÜR LINKSLENKER, AUßER DEM GEBRAUCH IN KALTER GEGEND)	356
KLIMAANLAGE (MANUELLE A/C FÜR LINKSLENKER, FÜR DEN GEBRAUCH IN KALTER GEGEND)	340
KLIMAANLAGE (MANUELLE A/C FÜR RECHTSLENKER, AUßER DEM GEBRAUCH IN KALTER GEGEND)	362
KLIMAANLAGE (MANUELLE A/C FÜR RECHTSLENKER, FÜR DEN GEBRAUCH IN KALTER GEGEND)	348
KOMBIINSTRUMENT (ANALOGTYP)	304
KOMBIINSTRUMENT (OPTITRONMETER)	312
LADESYSTEM	140
LEUCHTWEITENSTELLUNG	166
LÜFTER UND KONDENSATORLÜFTER	330
MONDDACH	230
MOTORSTEUERUNG	142
NEBELSCHEINWERFER	168
NEBELSCHLUSSLEUCHTE	170
PTC-HEIZUNG	328
RADIO UND CASSETTENSPIELER (MIT ANZEIGE)	274
RADIO UND CASSETTENSPIELER (OHNE ANZEIGE)	278
RÜCKFAHRSCHEINWERFER	192
SCHEIBENWISCHER UND -WASCHER	220
SCHEINWERFER (MIT TAGESFAHRLEUCHTE)	158
SCHEINWERFER (OHNE TAGESFAHRLEUCHTE)	162
SCHEINWERFERWASCHER	208
SCHLUSSLEUCHTE	174

	Seite
SICHERHEITSGURTWARNSIGNAL	218
SITZHEIZUNG	322
SRS	289
STROMBUCHSE	212
STROMQUELLE	130
SUMMER ZUR LEUCHTEWARNUNG UND SCHLÜESELWARNUNG	214
TÜRVERRIEGELUNG (LINKSLENKER)	234
TÜRVERRIEGELUNG (RECHTSLENKER)	240
TÜRVERRIEGELUNGSFERNBEDIENUNG (LINKSLENKER)	252
TÜRVERRIEGELUNGSFERNBEDIENUNG (RECHTSLENKER)	258
UHR	280
WEGFAHRSPERRE	154
ZIGARETTENANZÜNDER	210

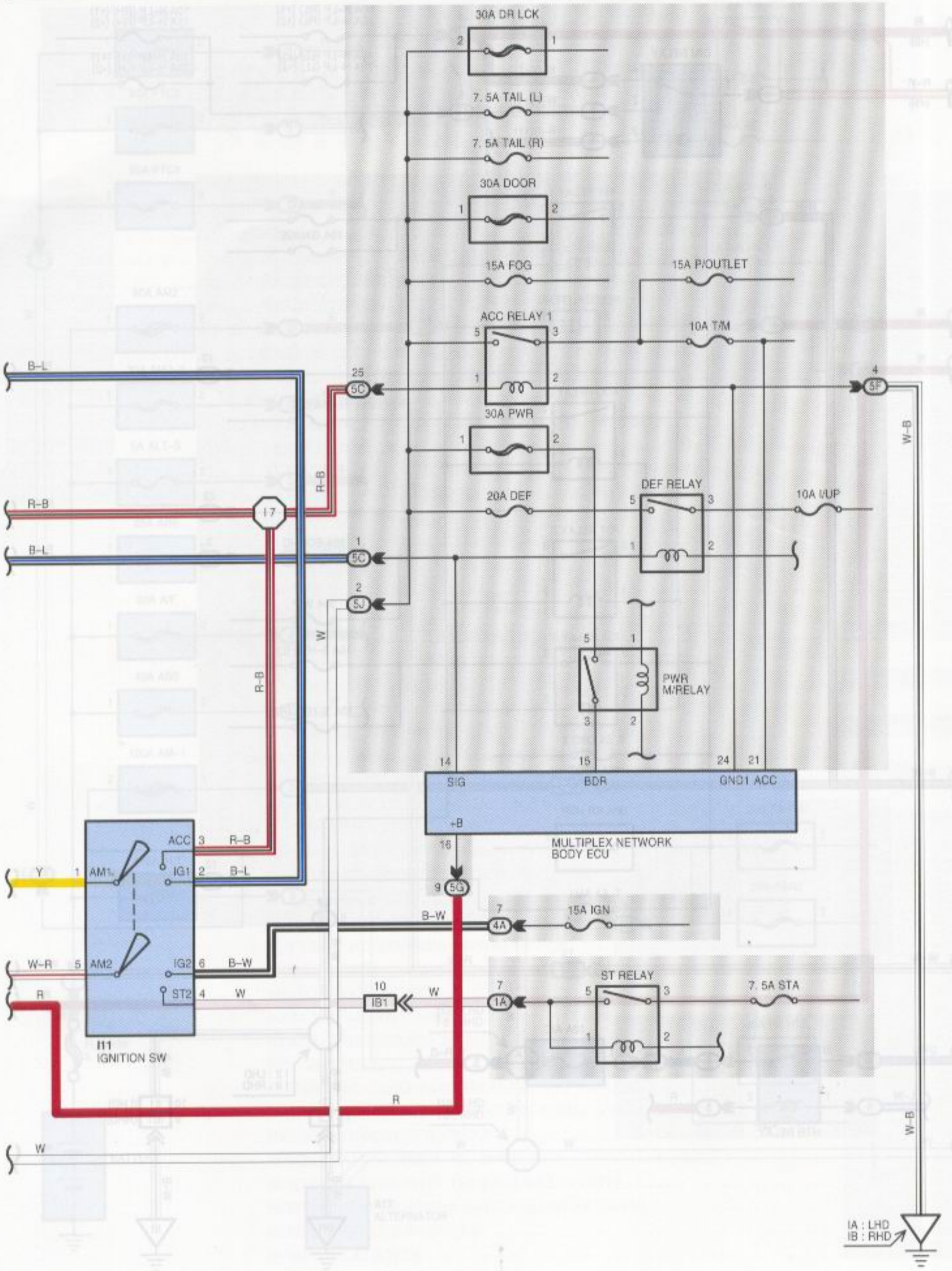
POWER SOURCE



* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : W/O DAYTIME RUNNING LIGHT



POWER SOURCE



SERVICE HINTS

H-LP RELAY

3-5 : Closed with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position
Closed with the engine running (w/ daytime running light)

DIM RELAY (w/ DAYTIME RUNNING LIGHT)

1-2 : Closed with the light control SW at **HEAD** position and dimmer SW at **HIGH** position or **FLASH** position

I11 IGNITION SW

1-3 : Closed with the ignition key at **ACC** or **ON** position
1-2 : Closed with the ignition key at **ON** or **ST** position
5-6 : Closed with the ignition key at **ON** or **ST** position
5-4 : Closed with the ignition key at **ST** position

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A12	94 (LHD)	I11	97 (LHD)		
	100 (RHD)		103 (RHD)		

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	80	Engine Room R/B No.1 (Left of the Air Cleaner)
2	78	Fusible Link Block (Left of the Battery)
3	78	R/B No.3 (Front of the Left Suspension Tower)
5	79 (LHD)	R/B No.5 (Surrounding of the Right Side Root of the Instrument Panel Reinforcement)
	79 (RHD)	R/B No.5 (Surrounding of the Left Side Root of the Instrument Panel Reinforcement)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1B		
1C		
1F		
1H	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
2A	78	Engine Room Main Wire and Fusible Link Block (Left of the Battery)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4D	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F		
5C	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5D	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5G	84 (LHD)	
	86 (RHD)	
5J	84 (LHD)	Engine Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

POWER SOURCE

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

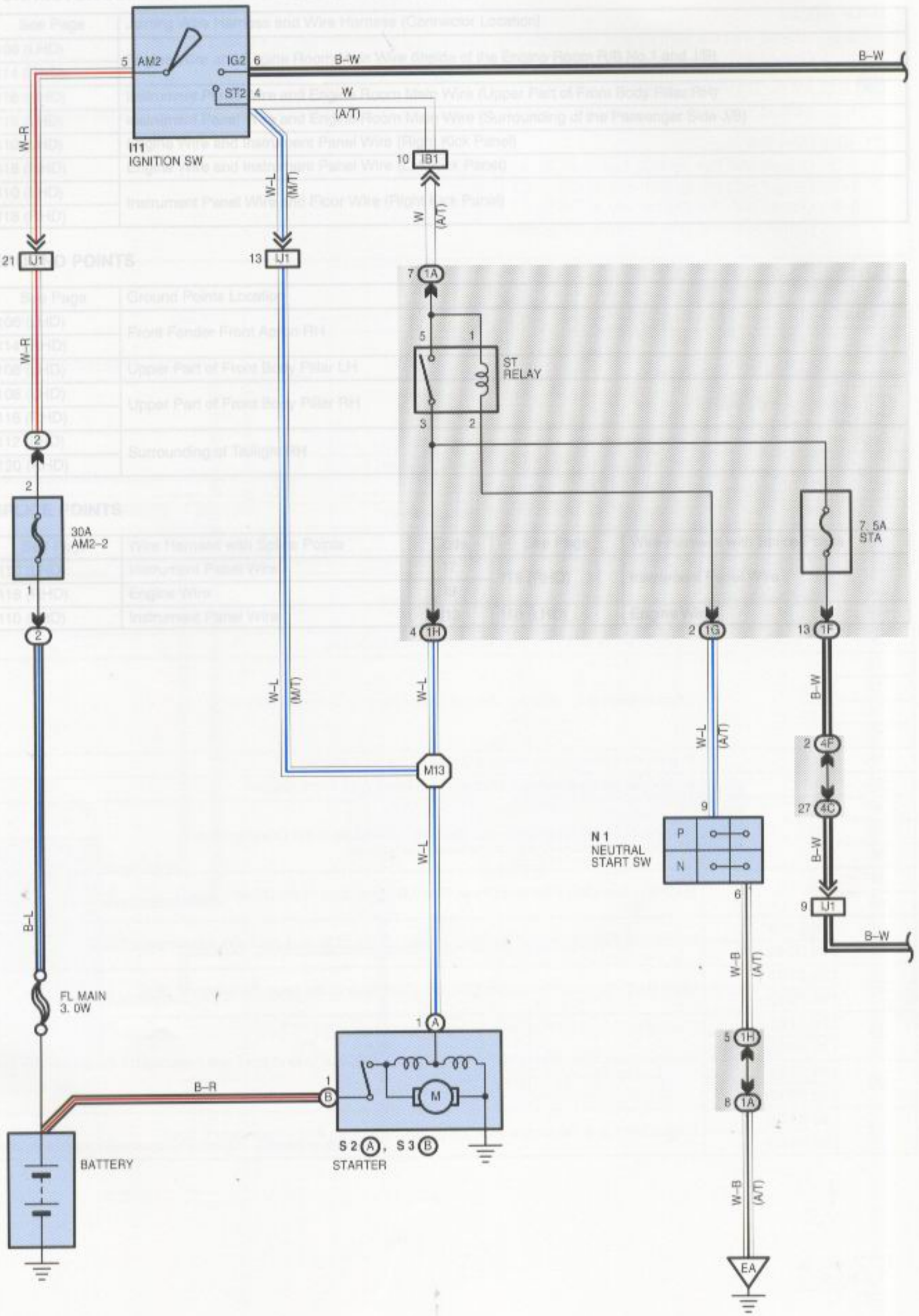
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	106 (LHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
	114 (RHD)	
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

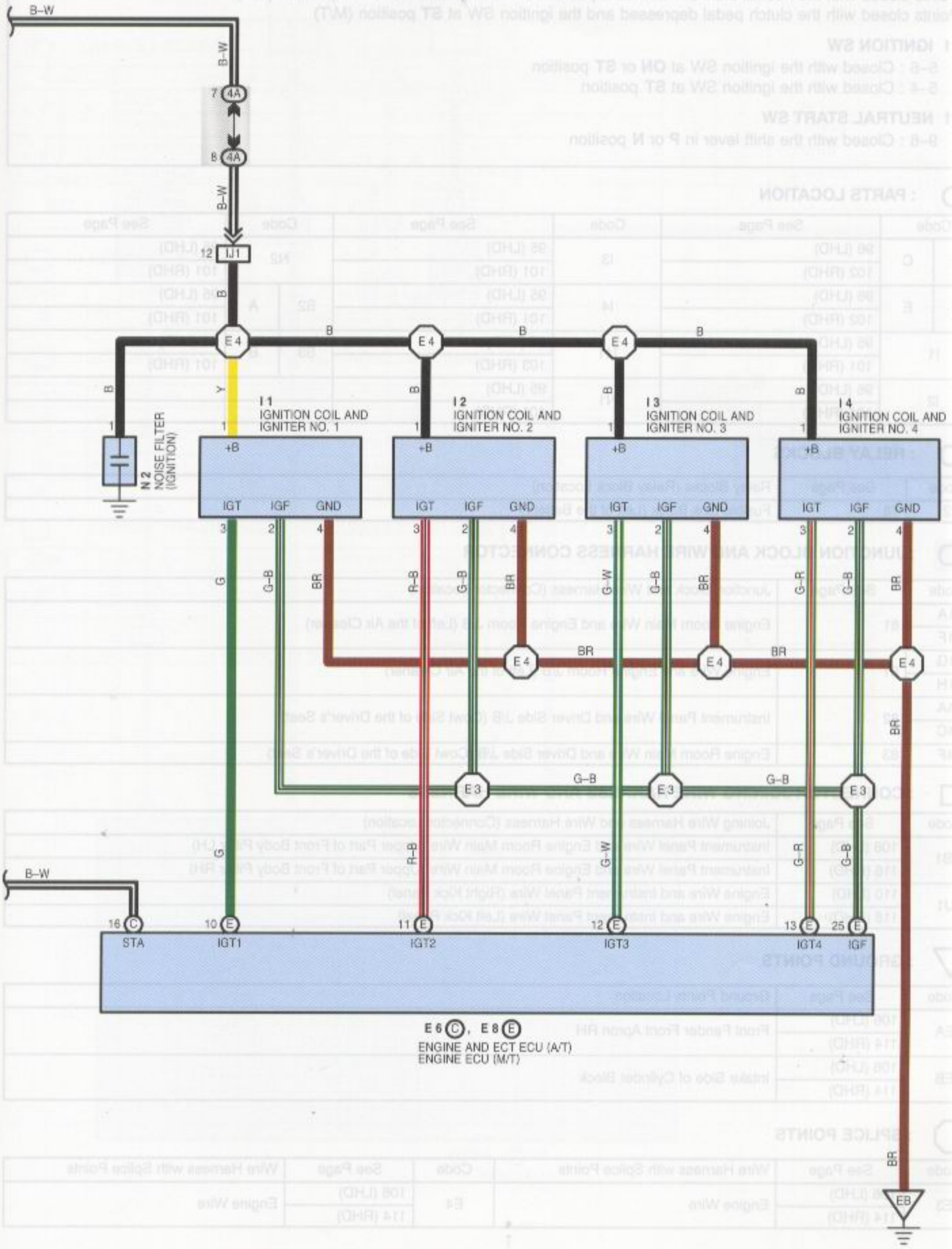
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
IA	108 (LHD)	Upper Part of Front Body Pillar LH
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	110 (LHD)	Instrument Panel Wire	I7	118 (RHD)	Instrument Panel Wire
I3	118 (RHD)	Engine Wire	I9		
I7	110 (LHD)	Instrument Panel Wire	I13	110 (LHD)	Engine Wire


I11
IGNITION SW
5 AM2
IG2 6
ST2 4
B-W
B-W
W
(A/T)
W-R
W-L
(M/T)
10 IB1
W
(A/T)
21 IJ1
13 IJ1
7 1A
5
1
ST
RELAY
3
2
2
30A
AM2-2
1
2
4 1H
2 1G
13 1F
7.5A
STA
B-W
W-L
(A/T)
2 4F
27 4C
B-W
9 U1
B-W
M13
W-L
9
N 1
NEUTRAL
START SW
P
N
6
W-B
(A/T)
5 1H
8 1A
W-B
(A/T)
EA
B-L
FL MAIN
3. 0W
1 A
B-R
1 B
M
S 2 A , S 3 B
STARTER
BATTERY


B-W
B-W
7 4A
8 4A
B-W
12 IJ1
B
E4
B
E4
B
E4
B
B
Y
B
B
B
B
1
1
1
1
1
I1
IGNITION COIL AND IGNITER NO. 1
I2
IGNITION COIL AND IGNITER NO. 2
I3
IGNITION COIL AND IGNITER NO. 3
I4
IGNITION COIL AND IGNITER NO. 4
N2
NOISE FILTER (IGNITION)
+B
+B
+B
+B
IGT IGF GND
IGT IGF GND
IGT IGF GND
IGT IGF GND
3 2 4
3 2 4
3 2 4
3 2 4
G
G-B
BR
R-B
G-B
BR
G-W
G-B
BR
G-R
G-B
BR
E4
BR
E4
BR
E4
BR
E3
G-B
E3
G-B
E3
G
R-B
G-W
G-R
G-B
B-W
16 C STA
10 E IGT1
11 E IGT2
12 E IGT3
13 E IGT4
25 E IGF
BR
EB
E6 C , E8 E
ENGINE AND ECT ECU (A/T)
ENGINE ECU (M/T)

STARTING AND IGNITION

SERVICE HINTS

S2 (A), S3 (B) STARTER

Points closed with the neutral start SW at **P** or **N** position and the ignition SW at **ST** position (A/T)
Points closed with the clutch pedal depressed and the ignition SW at **ST** position (M/T)

I11 IGNITION SW

5-6 : Closed with the ignition SW at **ON** or **ST** position
5-4 : Closed with the ignition SW at **ST** position

N1 NEUTRAL START SW

9-6 : Closed with the shift lever in **P** or **N** position

○ : PARTS LOCATION

Code		See Page	Code	See Page	Code		See Page
E6	C	96 (LHD)	I3	95 (LHD)	N2		95 (LHD)
		102 (RHD)		101 (RHD)			101 (RHD)
E8	E	96 (LHD)	I4	95 (LHD)	S2	A	95 (LHD)
		102 (RHD)		101 (RHD)			101 (RHD)
I1		95 (LHD)	I11	97 (LHD)	S3	B	95 (LHD)
		101 (RHD)		103 (RHD)			101 (RHD)
I2		95 (LHD)	N1	95 (LHD)			
		101 (RHD)		101 (RHD)			

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1F		
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
1H		
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)

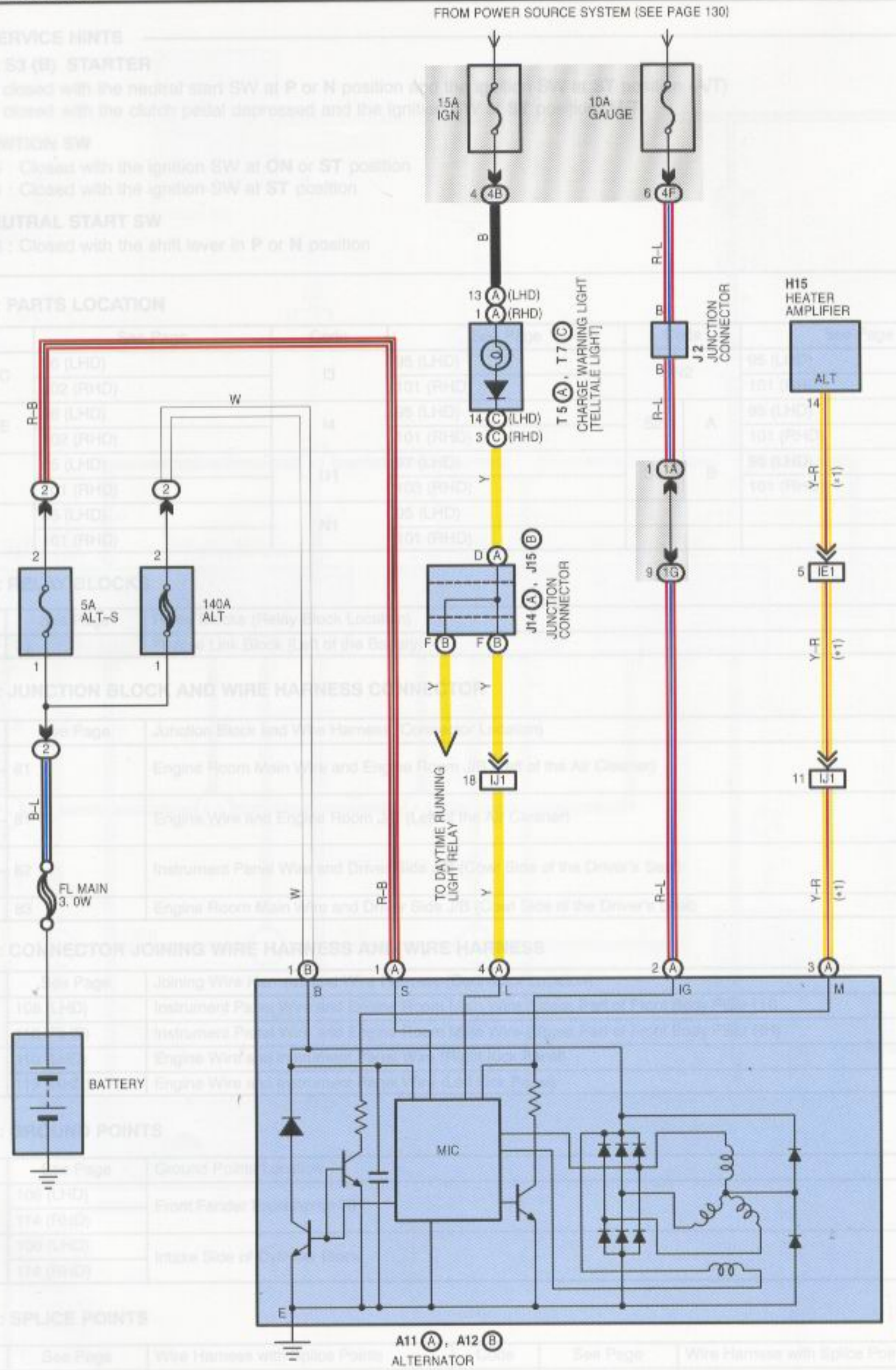
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
EB	106 (LHD)	Intake Side of Cylinder Block
	114 (RHD)	

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	106 (LHD)	Engine Wire	E4	106 (LHD)	Engine Wire
	114 (RHD)			114 (RHD)	

* 1 : COLD AREA SPEC.



SERVICE HINTS

A12 (B) ALTERNATOR

(B) 1-GROUND : **13.2-14.0** volts with engine running at **5000** rpm and **115**°C (**239** °F)

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A11	A	94 (LHD)	J2		95 (LHD)	T5	A	97 (LHD)
		100 (RHD)			101 (RHD)			103 (RHD)
A12	B	94 (LHD)	J14	A	97 (LHD)	T7	C	97 (LHD)
		100 (RHD)			103 (RHD)			103 (RHD)
H15		96 (LHD)	J15	B	97 (LHD)			
		102 (RHD)			103 (RHD)			

⬭ : RELAY BLOCKS

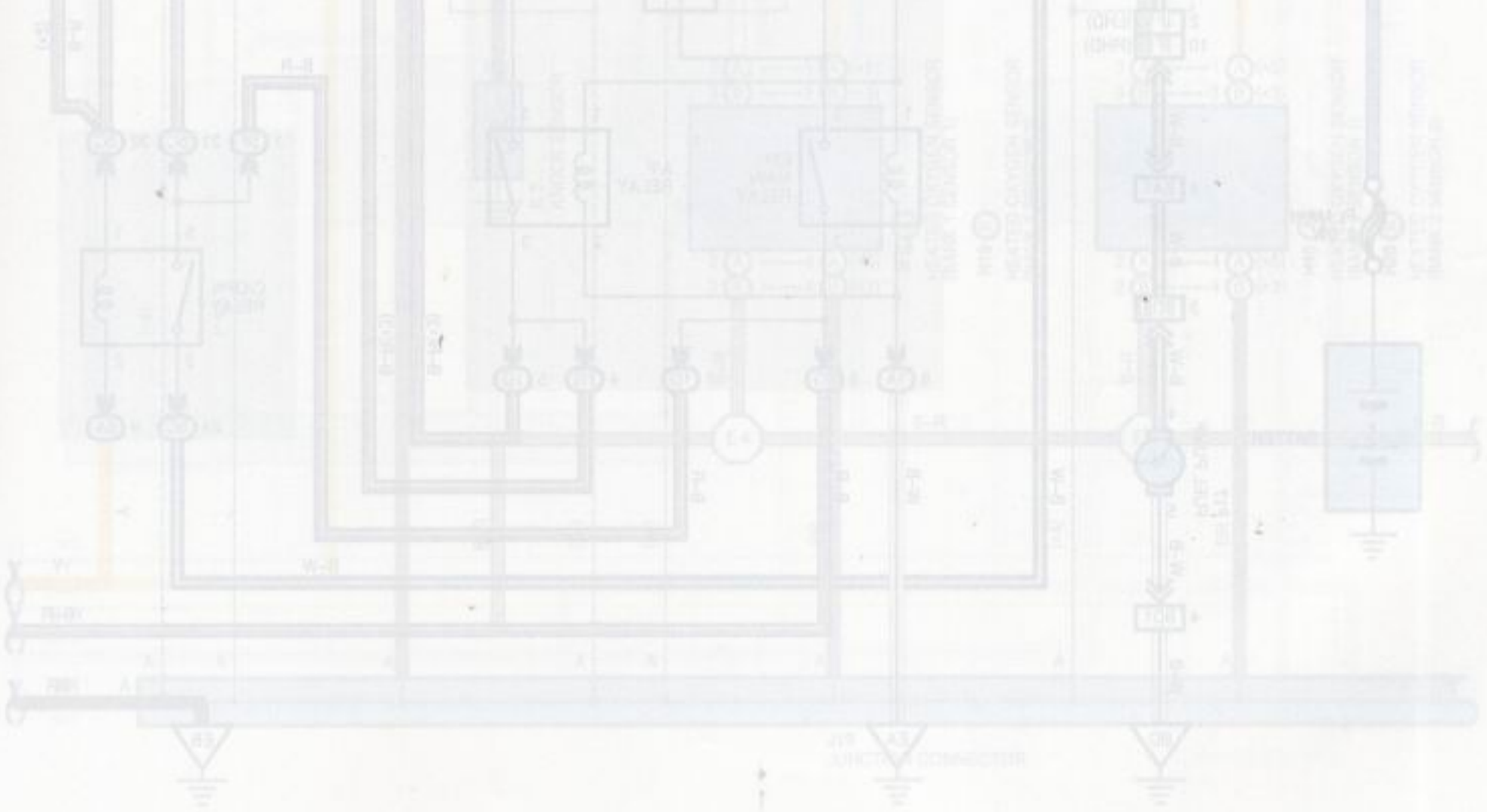
Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

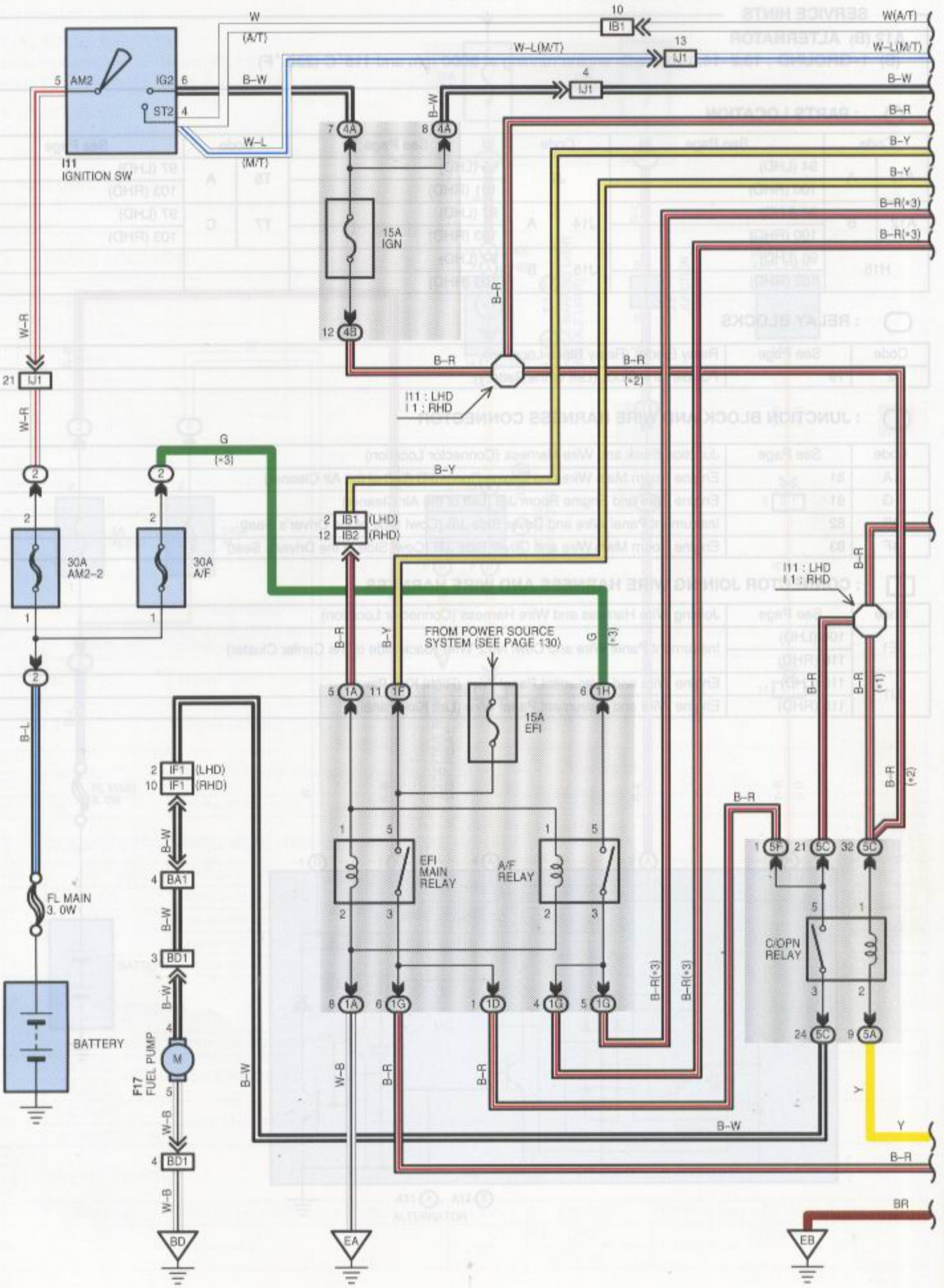
⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

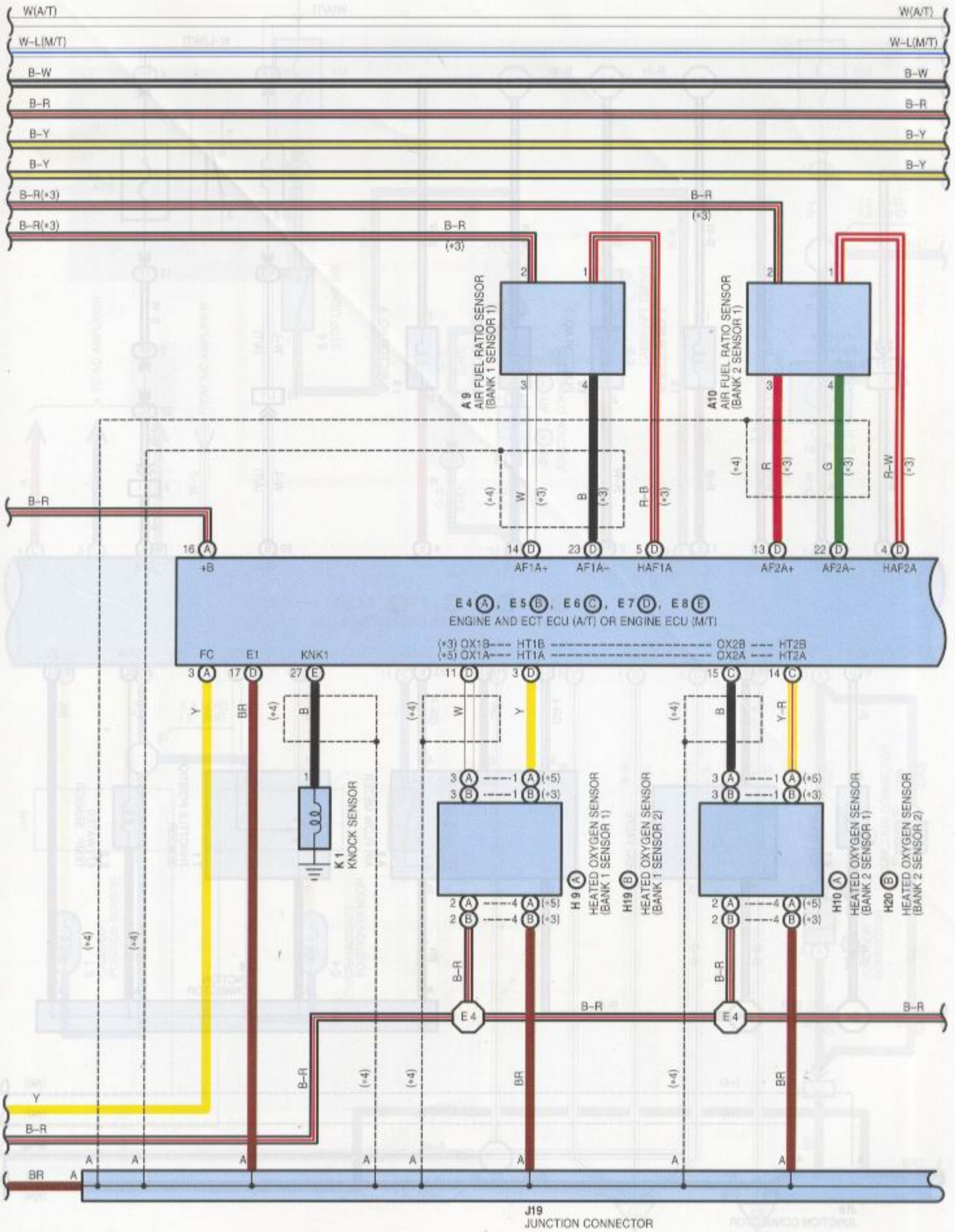
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

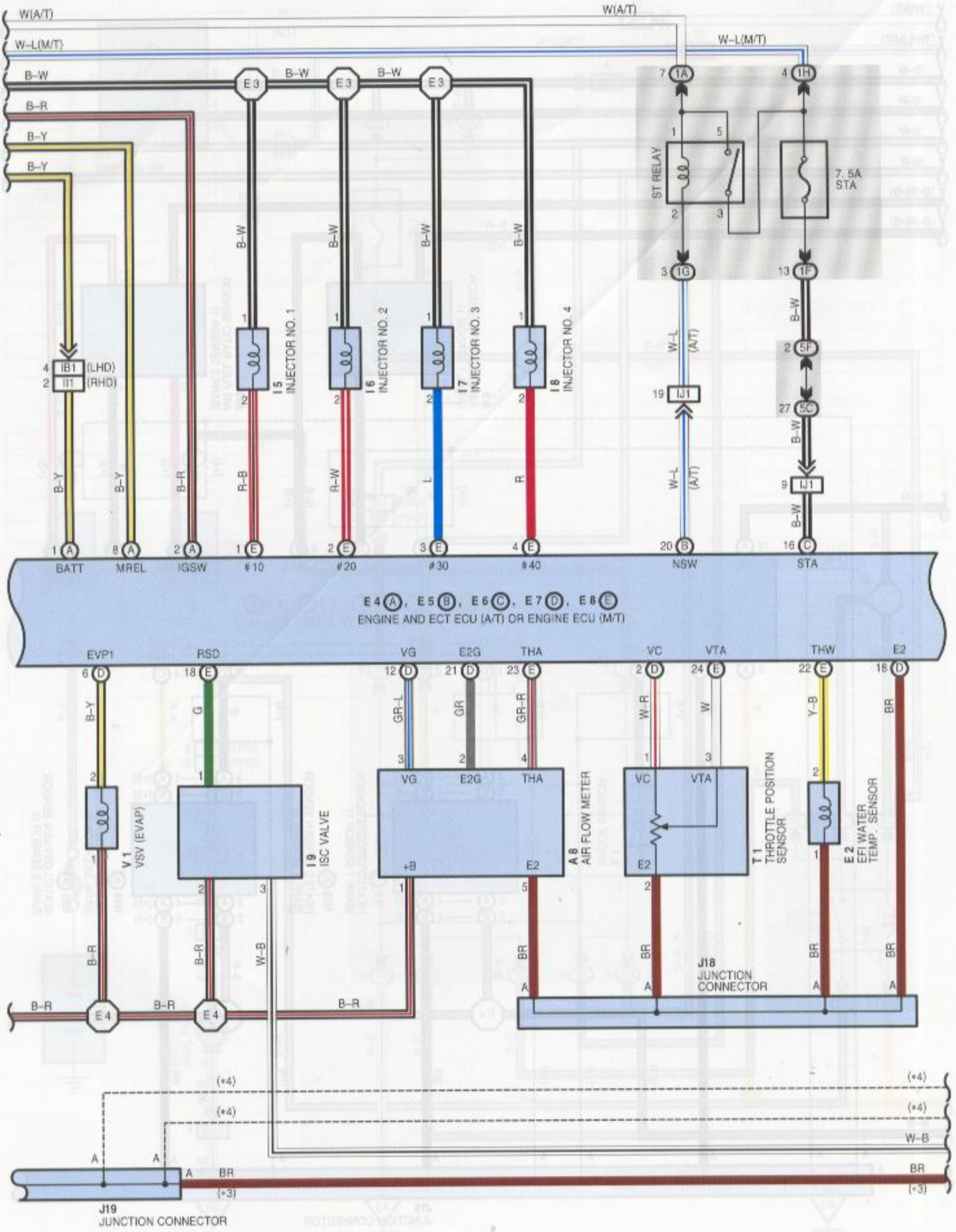
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
	116 (RHD)	
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)



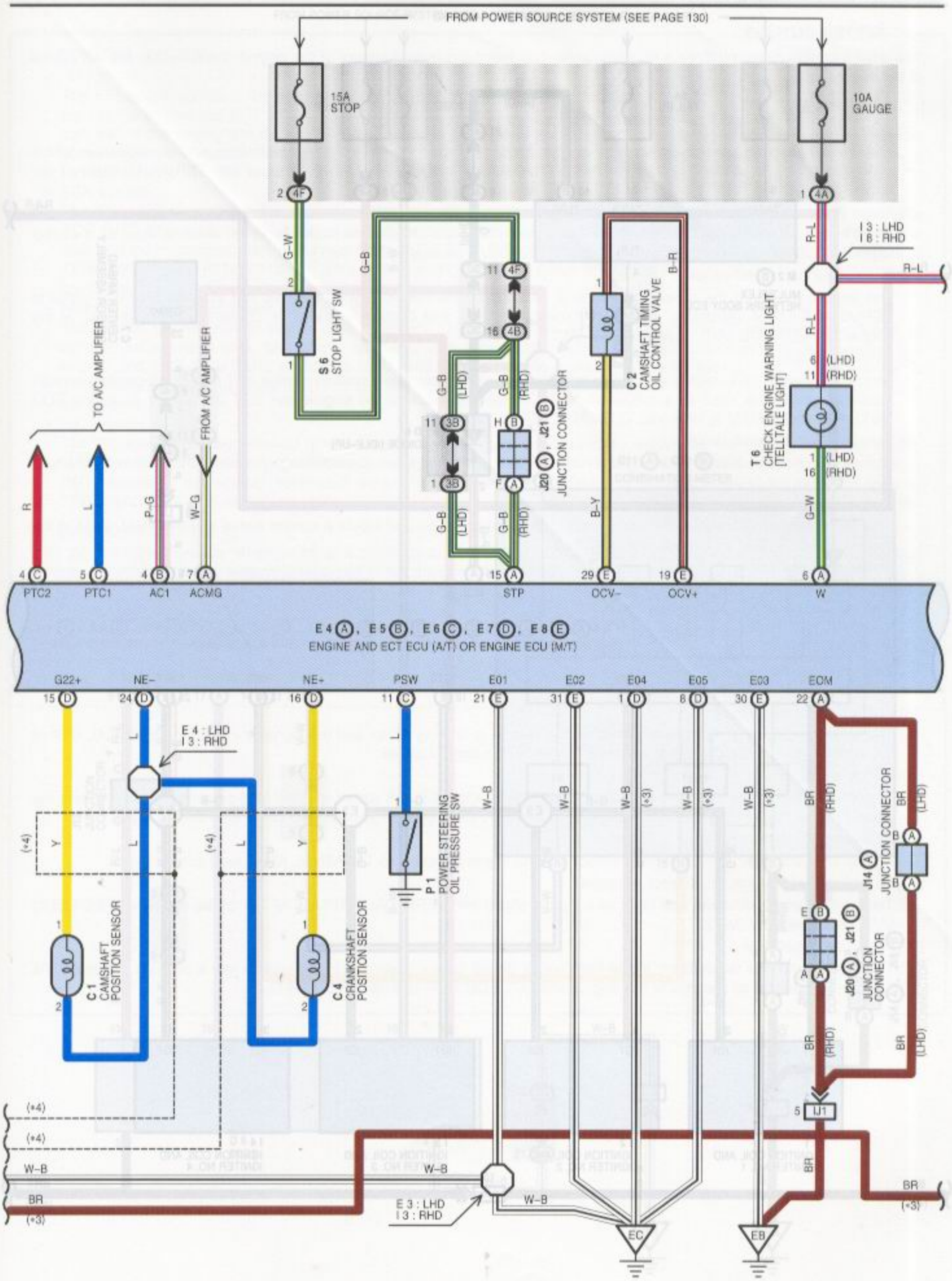

I11
IGNITION SW
AM2
IG2
ST2
W
(A/T)
W–L
(M/T)
B–W
W–L(M/T)
W(A/T)
10 IB1
13 IJ1
4 IJ1
7 4A
8 4A
15A
IGN
12 4B
B–R
B–Y
B–R(*3)
B–R(*2)
W–R
21 IJ1
I11 : LHD
I 1 : RHD
G
(*3)
2 IB1 (LHD)
12 IB2 (RHD)
30A
AM2–2
30A
A/F
FROM POWER SOURCE
SYSTEM (SEE PAGE 130)
5 1A
11 1F
6 1H
15A
EFI
EFI
MAIN
RELAY
A/F
RELAY
C/OPN
RELAY
1 5F
21 5C
32 5C
24 5C
9 5A
B–L
FL MAIN
3. 0W
BATTERY
2 IF1 (LHD)
10 IF1 (RHD)
4 BA1
3 BD1
4 BD1
F17
FUEL PUMP
M
B–W
W–B
8 1A
6 1G
1 1D
4 1G
5 1G
BD
EA
EB
BR

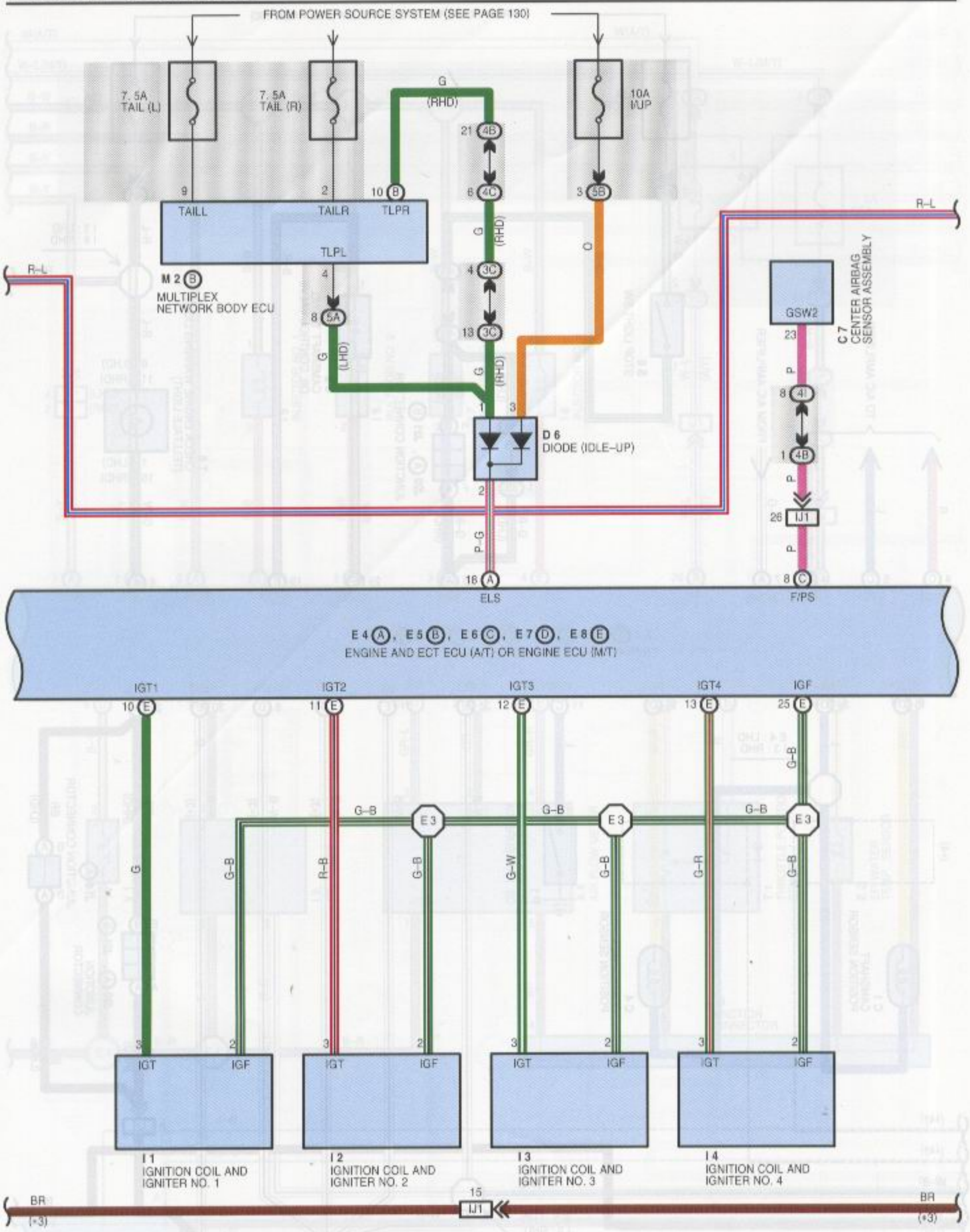
* 1 : SINGAPORE, LHD EXCEPT EUROPE
* 2 : RHD EXCEPT SINGAPORE, LHD EUROPE
* 3 : EXCEPT AUSTRALIA
* 4 : SHIELDED
* 5 : AUSTRALIA

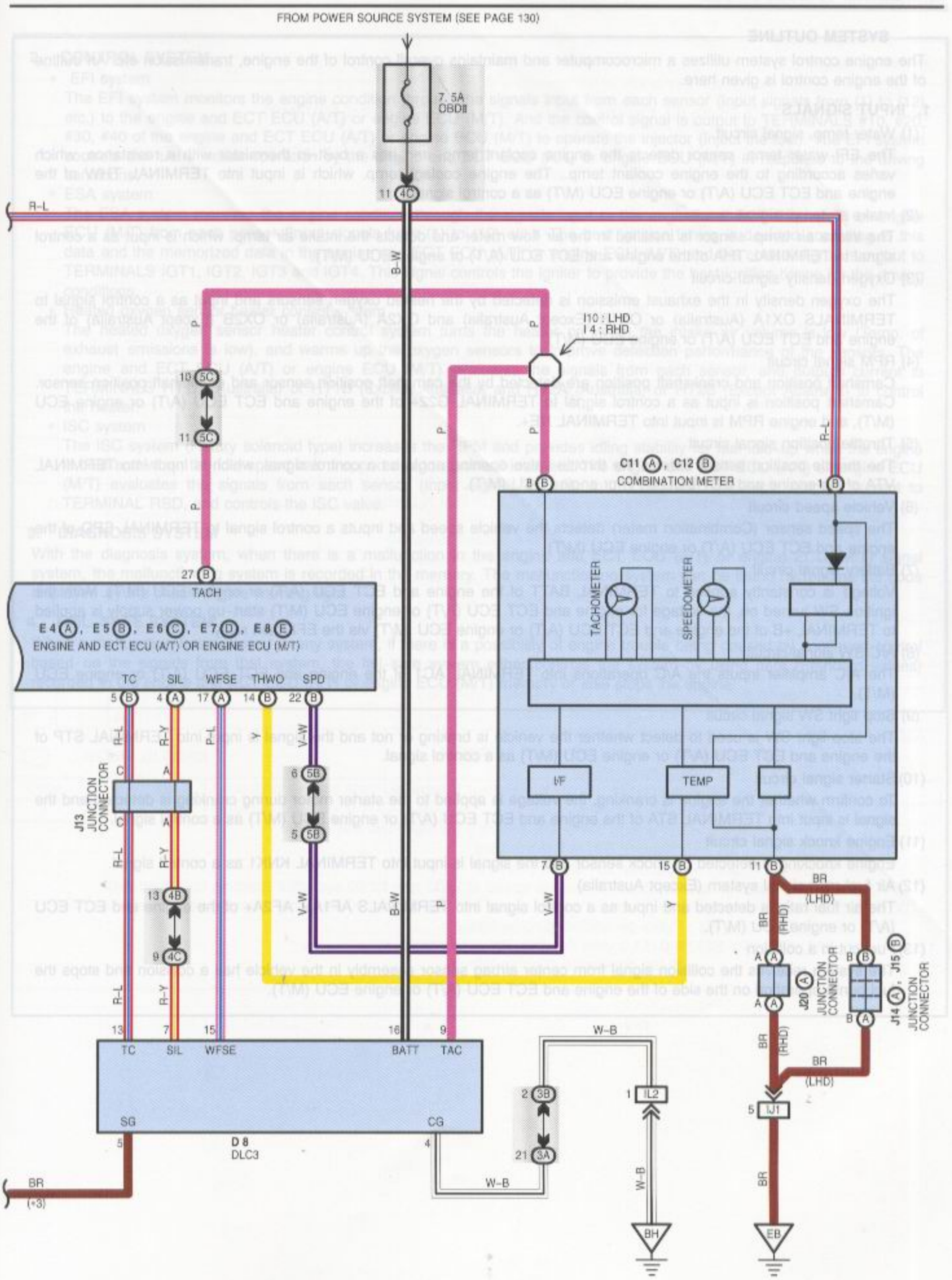



W(A/T)
W-L(M/T)
B-W
B-R
B-Y
B-Y
W(A/T)
W-L(M/T)
E3
E3
E3
B-W
B-W
B-W
7 1A
4 1H
1
5
ST RELAY
2
3
7.5A
STA
3 1G
13 1F
4 IB1 (LHD)
2 II1 (RHD)
B-Y
B-Y
B-R
B-W
B-W
B-W
B-W
1
1
1
1
I5 INJECTOR NO. 1
I6 INJECTOR NO. 2
I7 INJECTOR NO. 3
I8 INJECTOR NO. 4
R-B
R-W
L
R
W-L
(A/T)
W-L
(A/T)
B-W
2 5F
19 IJ1
27 5C
B-W
9 IJ1
B-W
1 A BATT
8 A MREL
2 A IGSW
1 E #10
2 E #20
3 E #30
4 E #40
20 B NSW
16 C STA
E4 A, E5 B, E6 C, E7 D, E8 E
ENGINE AND ECT ECU (A/T) OR ENGINE ECU (M/T)
EVP1
RSD
VG
E2G
THA
VC
VTA
THW
E2
6 D
18 E
12 D
21 D
23 E
2 D
24 E
22 E
18 D
B-Y
G
GR-L
GR
GR-R
W-R
W
Y-B
BR
2
1
3
2
4
1
3
2
1
V1 VSV (EVAP)
I9 ISC VALVE
VG
E2G
THA
A8 AIR FLOW METER
VC
VTA
T1 THROTTLE POSITION SENSOR
E2 EFI WATER TEMP. SENSOR
+B
E2
E2
1
5
2
1
B-R
B-R
W-B
BR
BR
BR
BR
J18 JUNCTION CONNECTOR
B-R
E4
B-R
E4
B-R
A
A
A
A
(+4)
(+4)
(+4)
(+4)
W-B
A
A
A
BR
(+3)
BR
(+3)
J19
JUNCTION CONNECTOR

* 2 : RHD EXCEPT SINGAPORE, LHD EUROPE
* 3 : EXCEPT AUSTRALIA
* 4 : SHIELDED




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
7.5A TAIL (L)
7.5A TAIL (R)
10A IMP
G (RHD)
9
2
10 B
3 5B
21 4B
6 4C
TAILL
TAILR
TLPR
TLPL
G (RHD)
Q
R-L
M2 B
MULTIPLEX NETWORK BODY ECU
4
4 3C
8 5A
13 3C
G (LHD)
G (RHD)
1
3
D6
DIODE (IDLE-UP)
2
P-G
16 A
ELS
GSW2
23
C7
CENTER AIRBAG SENSOR ASSEMBLY
P
8 4I
1 4B
26 IJ1
8 C
F/PS
E4 A, E5 B, E6 C, E7 D, E8 E
ENGINE AND ECT ECU (A/T) OR ENGINE ECU (M/T)
IGT1
IGT2
IGT3
IGT4
IGF
10 E
11 E
12 E
13 E
25 E
G-B
E3
G
R-B
G-W
G-R
3
2
IGT
IGF
I1
IGNITION COIL AND IGNITER NO. 1
I2
IGNITION COIL AND IGNITER NO. 2
I3
IGNITION COIL AND IGNITER NO. 3
I4
IGNITION COIL AND IGNITER NO. 4
BR
(*3)
15
IJ1


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
7.5A
OBDII
11 4C
R-L
B-W
P
I10 : LHD
I4 : RHD
10 5C
11 5C
27 B
TACH
C11 A , C12 B
COMBINATION METER
8 B
1 B
TACHOMETER
SPEEDOMETER
I/F
TEMP
E4 A , E5 B , E6 C , E7 D , E8 E
ENGINE AND ECT ECU (A/T) OR ENGINE ECU (M/T)
TC SIL WFSE THWO SPD
5 B 4 A 17 A 14 B 22 B
R-L R-Y P-L Y V-W
J13 JUNCTION CONNECTOR
6 5B
5 5B
13 4B
9 4C
7 B 15 B 11 B
V-W B-W P V-W
BR (LHD)
BR (RHD)
J20 A JUNCTION CONNECTOR
J14 A , J15 B JUNCTION CONNECTOR
13 7 15 16 9
TC SIL WFSE BATT TAC
W-B
2 3B
21 3A
1 IL2
5 IJ1
D 8
DLC3
SG
CG
5
4
BR
(*3)
W-B
BH
EB

ENGINE CONTROL

SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, transmission etc. An outline of the engine control is given here.

1. INPUT SIGNALS

(1) Water temp. signal circuit

The EFI water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance, which varies according to the engine coolant temp.. The engine coolant temp. which is input into TERMINAL THW of the engine and ECT ECU (A/T) or engine ECU (M/T) as a control signal.

(2) Intake air temp. signal circuit

The intake air temp. sensor is installed in the air flow meter and detects the intake air temp. which is input as a control signal to TERMINAL THA of the engine and ECT ECU (A/T) or engine ECU (M/T).

(3) Oxygen density signal circuit

The oxygen density in the exhaust emission is detected by the heated oxygen sensors and input as a control signal to TERMINALS OX1A (Australia) or OX1B (Except Australia) and OX2A (Australia) or OX2B (Except Australia) of the engine and ECT ECU (A/T) or engine ECU (M/T).

(4) RPM signal circuit

Camshaft position and crankshaft position are detected by the camshaft position sensor and crankshaft position sensor. Camshaft position is input as a control signal to TERMINAL G22+ of the engine and ECT ECU (A/T) or engine ECU (M/T), and engine RPM is input into TERMINAL NE+.

(5) Throttle position signal circuit

The throttle position sensor detects the throttle valve opening angle as a control signal, which is input into TERMINAL VTA of the engine and ECT ECU (A/T) or engine ECU (M/T).

(6) Vehicle speed circuit

The speed sensor (Combination meter) detects the vehicle speed and inputs a control signal to TERMINAL SPD of the engine and ECT ECU (A/T) or engine ECU (M/T).

(7) Battery signal circuit

Voltage is constantly applied to TERMINAL BATT of the engine and ECT ECU (A/T) or engine ECU (M/T). With the ignition SW turned on, the voltage for engine and ECT ECU (A/T) or engine ECU (M/T) start-up power supply is applied to TERMINAL +B of the engine and ECT ECU (A/T) or engine ECU (M/T) via the EFI main relay.

(8) A/C SW signal circuit

The A/C amplifier inputs the A/C operations into TERMINAL AC1 of the engine and ECT ECU (A/T) or engine ECU (M/T).

(9) Stop light SW signal circuit

The stop light SW is used to detect whether the vehicle is braking or not and the signal is input into TERMINAL STP of the engine and ECT ECU (A/T) or engine ECU (M/T) as a control signal.

(10) Starter signal circuit

To confirm whether the engine is cranking, the voltage is applied to the starter motor during cranking is detected and the signal is input into TERMINAL STA of the engine and ECT ECU (A/T) or engine ECU (M/T) as a control signal.

(11) Engine knock signal circuit

Engine knocking is detected by knock sensor and the signal is input into TERMINAL KNK1 as a control signal.

(12) Air fuel ratio signal system (Except Australia)

The air fuel ratio is detected and input as a control signal into TERMINALS AF1A+, AF2A+ of the engine and ECT ECU (A/T) or engine ECU (M/T).

(13) Fuel cut in a collision

The system receives the collision signal from center airbag sensor assembly in the vehicle has a collision and stops the fuel pump operation on the side of the engine and ECT ECU (A/T) or engine ECU (M/T).

2. CONTROL SYSTEM

* EFI system

The EFI system monitors the engine condition through the signals input from each sensor (Input signals from (1) to (12) etc.) to the engine and ECT ECU (A/T) or engine ECU (M/T). And the control signal is output to TERMINALS #10, #20, #30, #40 of the engine and ECT ECU (A/T) or engine ECU (M/T) to operate the injector (Inject the fuel). The EFI system controls the fuel injection operation by the engine and ECT ECU (A/T) or engine ECU (M/T) in response to the driving conditions.

* ESA system

The ESA system monitors the engine condition through the signals input to the engine and ECT ECU (A/T) or engine ECU (M/T) from each sensor (Input signals from (1) to (12) etc.). The best ignition timing is decided according to this data and the memorized data in the engine and ECT ECU (A/T) or engine ECU (M/T) and the control signal is output to TERMINALS IGT1, IGT2, IGT3 and IGT4. This signal controls the igniter to provide the best ignition timing for the driving conditions.

* Heated oxygen sensor heater control system

The heated oxygen sensor heater control system turns the heater on when the intake air volume is low (Temp. of exhaust emissions is low), and warms up the oxygen sensors to improve detection performance of the sensors. The engine and ECT ECU (A/T) or engine ECU (M/T) evaluates the signals from each sensor, and outputs current to TERMINALS HT1A (Australia) or HT1B (Except Australia) and HT2A (Australia) or HT2B (Except Australia) to control the heater.

* ISC system

The ISC system (Rotary solenoid type) increases the RPM and provides idling stability for fast idle-up when the engine is cold and when the idle speed has dropped due to electrical load, etc. The engine and ECT ECU (A/T) or engine ECU (M/T) evaluates the signals from each sensor (Input signals (1), (4) to (6), (8) and (11) etc.), outputs current to TERMINAL RSD, and controls the ISC valve.

3. DIAGNOSIS SYSTEM

With the diagnosis system, when there is a malfunction in the engine and ECT ECU (A/T) or engine ECU (M/T) signal system, the malfunctioning system is recorded in the memory. The malfunctioning system can be found by reading the code displayed by the check engine warning light.

4. FAIL-SAFE SYSTEM

When a malfunction has occurred in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the engine and ECT ECU (A/T) or engine ECU (M/T) memory or else stops the engine.

SERVICE HINTS

EFI MAIN RELAY

5-3 : Closed with the ignition SW at **ON** or **ST** position

E4 (A), E5 (B), E6 (C), E7 (D), E8 (E) ENGINE AND ECT ECU (A/T) OR ENGINE ECU (M/T)

Voltage at engine and ECT ECU (A/T) or engine ECU (M/T) wiring connector

BATT-E1 : Always **9.0-14.0** volts
+B-E1 : **9.0-14.0** volts (Ignition SW at **ON** position)
VC-E2 : **4.5-5.5** volts (Ignition SW at **ON** position)
VTA-E2 : **0.3-1.0** volts (Ignition SW on and throttle valve fully closed)
3.2-4.9 volts (Ignition SW on and throttle valve fully open)
VG-E2G : **1.1-1.5** volts (Engine idling and A/C SW off)
THA-E2 : **0.5-3.4** volts (Engine idling and intake air temp. **20**°C, **68**°F)
THW-E2 : **0.2-1.0** volts (Engine idling and coolant temp. **80**°C, **176**°F)
IGF-E1 : **4.5-5.5** volts (Ignition SW at **ON** position)
Pulse generation (Engine idling)
SIL-E1 : Pulse generation (During transmission)
TACH-E1 : Pulse generation (Engine idling)
STA-E1 : **6.0** volts or more (Engine cranking)
FC-E01 : **9.0-14.0** volts (Ignition SW at **ON** position)
0-3.0 volts (Engine idling)
SPD-E1 : Pulse generation (Ignition SW on and rotate driving wheel slowly)
W-E01 : Below **3.0** volts (Ignition SW at **ON** position)
NSW-E1 : **9.0-14.0** volts (Ignition SW on and other shift position in **P** or **N** position)
0-3.0 volts (Ignition SW on and shift position in **P** or **N** position)
EVP1-E01 : **9.0-14.0** volts (Ignition SW at **ON** position)
STP-E1 : **7.5-14.0** volts (Ignition SW on and brake pedal depressed)
Below **1.5** volts (Ignition SW on and brake pedal released)
KNK1-E1 : Pulse generation (Engine idling)
PSW-E1 : **9.0-14.0** volts (Ignition SW at **ON** position)
HAF1A-E04 : Below **4.0** volts (Engine idling)
9.0-14.0 volts (Ignition SW at **ON** position)
HAF2A-E05 : Below **4.0** volts (Engine idling)
9.0-14.0 volts (Ignition SW at **ON** position)
IGSW-E1 : **9.0-14.0** volts (Ignition SW at **ON** position)
MREL-E1 : **9.0-14.0** volts (Ignition SW at **ON** position)
G22+, NE+ -NE- : Pulse generation (Engine idling)
OCV+ -OCV- : Pulse generation (Ignition SW at **ON** position)
HT1A, HT2A-E1 : **9.0-14.0** volts (Engine idling)
Below **3.0** volts (Ignition SW at **ON** position) [Australia]
HT1B, HT2B-E1 : **9.0-14.0** volts (Engine idling)
Below **3.0** volts (Ignition SW at **ON** position) [Except Australia]
AF1A+, AF2A+ -E1 : **3.3** volts (Ignition SW at **ON** position)
AF1A-, AF2A- -E1 : **3.0** volts (Ignition SW at **ON** position)
OX1A, OX2A-E1 : Pulse generation (Maintain engine speed at **2500** rpm for 90 sec. after warming up) [Australia]
OX1B, OX2B-E1 : Pulse generation (Maintain engine speed at **2500** rpm for 90 sec. after warming up) [Except Australia]
IGT1, IGT2, IGT3, IGT4-E1 : Pulse generation (Engine idling)
#10, #20, #30, #40-E01 : **9.0-14.0** volts (Ignition SW at **ON** position)
Pulse generation (Engine idling)

○ : PARTS LOCATION

Code		See Page
A8		94 (LHD)
		100 (RHD)
A9		94 (LHD)
		100 (RHD)
A10		94 (LHD)
		100 (RHD)
C1		94 (LHD)
		100 (RHD)
C2		94 (LHD)
		100 (RHD)
C4		94 (LHD)
		100 (RHD)
C7		96 (LHD)
		102 (RHD)
C11	A	96 (LHD)
		102 (RHD)
C12	B	96 (LHD)
		102 (RHD)
D6		96 (LHD)
		102 (RHD)
D8		96 (LHD)
		102 (RHD)
E2		94 (LHD)
		100 (RHD)
E4	A	96 (LHD)
		102 (RHD)
E5	B	96 (LHD)
		102 (RHD)
E6	C	96 (LHD)

Code		See Page
E6	C	102 (RHD)
E7	D	96 (LHD)
		102 (RHD)
E8	E	96 (LHD)
		102 (RHD)
F17		98 (LHD)
		104 (RHD)
H9	A	100 (RHD)
H10	A	100 (RHD)
H19	B	94 (LHD)
		100 (RHD)
H20	B	94 (LHD)
		100 (RHD)
I1		95 (LHD)
		101 (RHD)
I2		95 (LHD)
		101 (RHD)
I3		95 (LHD)
		101 (RHD)
I4		95 (LHD)
		101 (RHD)
I5		95 (LHD)
		101 (RHD)
I6		95 (LHD)
		101 (RHD)
I7		95 (LHD)
		101 (RHD)
I8		95 (LHD)
		101 (RHD)

Code		See Page
I9		95 (LHD)
		101 (RHD)
I11		97 (LHD)
		103 (RHD)
J13		97 (LHD)
		103 (RHD)
J14	A	97 (LHD)
		103 (RHD)
J15	B	97 (LHD)
		103 (RHD)
J18		97 (LHD)
		103 (RHD)
J19		97 (LHD)
		103 (RHD)
J20	A	103 (RHD)
J21	B	103 (RHD)
K1		95 (LHD)
		101 (RHD)
M2	B	97 (LHD)
P1		95 (LHD)
		101 (RHD)
S6		97 (LHD)
		103 (RHD)
T1		95 (LHD)
		101 (RHD)
T6		97 (LHD)
		103 (RHD)
V1		95 (LHD)
		101 (RHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1D		
1F		
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
1H		
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4I	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5B	84 (LHD)	
	86 (RHD)	
5C	84 (LHD)	
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
	118 (RHD)	
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	
BA1	112 (LHD)	Frame Wire and Cowl No.3 Wire (Right Under the Driver's Seat)
	120 (RHD)	Frame Wire and Cowl No.3 Wire (Right Under the Front Passenger's Seat)
BD1	112 (LHD)	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)
	120 (RHD)	

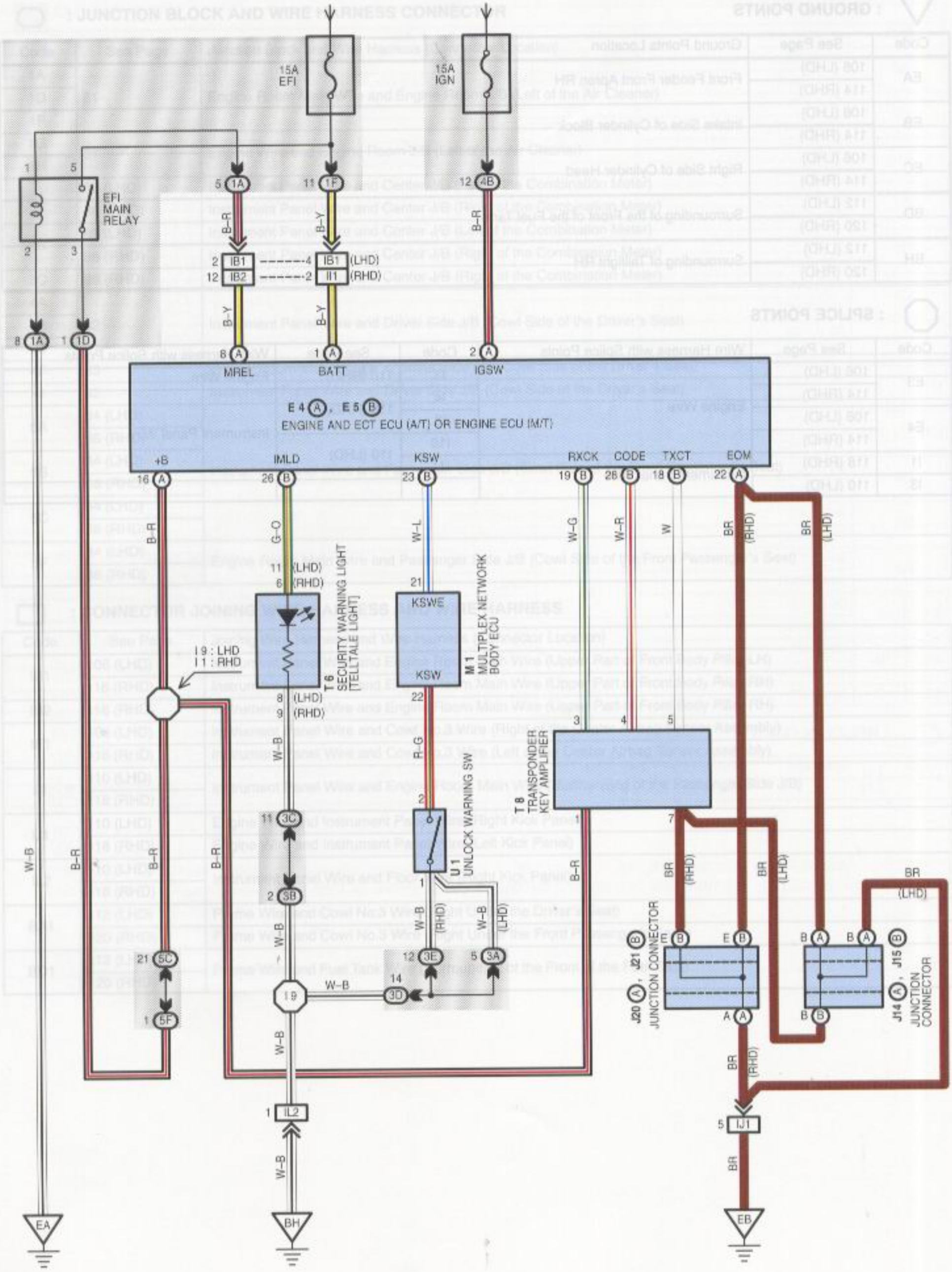
: GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD) 114 (RHD)	Front Fender Front Apron RH
EB	106 (LHD) 114 (RHD)	Intake Side of Cylinder Block
EC	106 (LHD) 114 (RHD)	Right Side of Cylinder Head
BD	112 (LHD) 120 (RHD)	Surrounding of the Front of the Fuel Tank
BH	112 (LHD) 120 (RHD)	Surrounding of Taillight RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	106 (LHD)	Engine Wire	I3	118 (RHD)	Engine Wire
	114 (RHD)		I4	118 (RHD)	Instrument Panel Wire
E4	106 (LHD)		I8		
	114 (RHD)		I10	110 (LHD)	
I1	118 (RHD)	Instrument Panel Wire	I11		
I3	110 (LHD)				

ENGINE IMMOBILISER SYSTEM



SERVICE HINTS

EFI MAIN RELAY

3–5 : Closed with the ignition SW at **ON** position

U1 UNLOCK WARNING SW

1–2 : Closed with the ignition key in cylinder

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
E4	A	96 (LHD)	J20	A	103 (RHD)	T8	97 (LHD)
		102 (RHD)	J21	B	103 (RHD)		103 (RHD)
E5	B	96 (LHD)	M1		97 (LHD)	U1	97 (LHD)
		102 (RHD)			103 (RHD)		103 (RHD)
J14	A	97 (LHD)	T6		97 (LHD)		
J15	B	97 (LHD)			103 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1D		
1F		
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3E	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB2	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

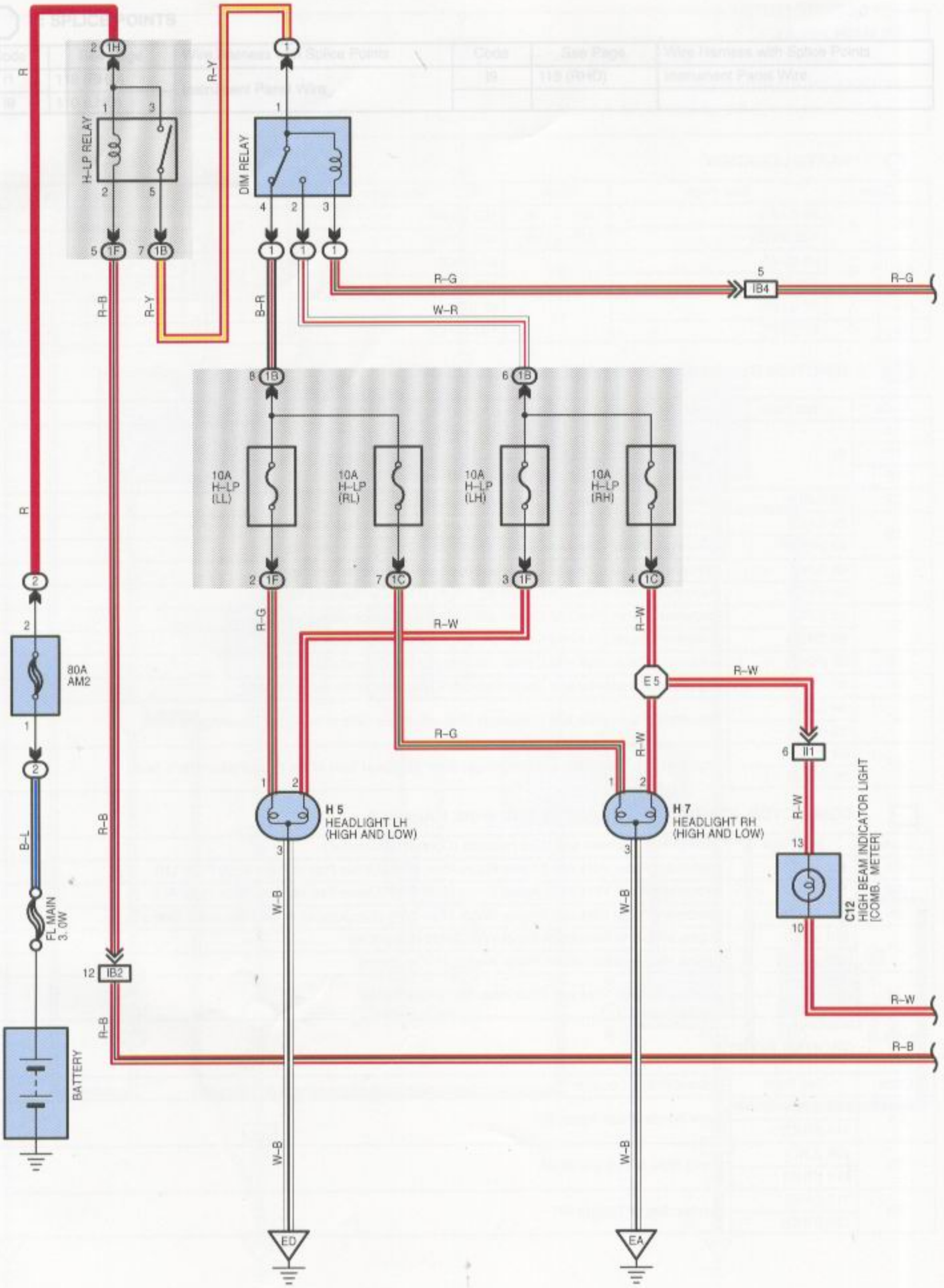
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
EB	106 (LHD)	Intake Side of Cylinder Block
	114 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

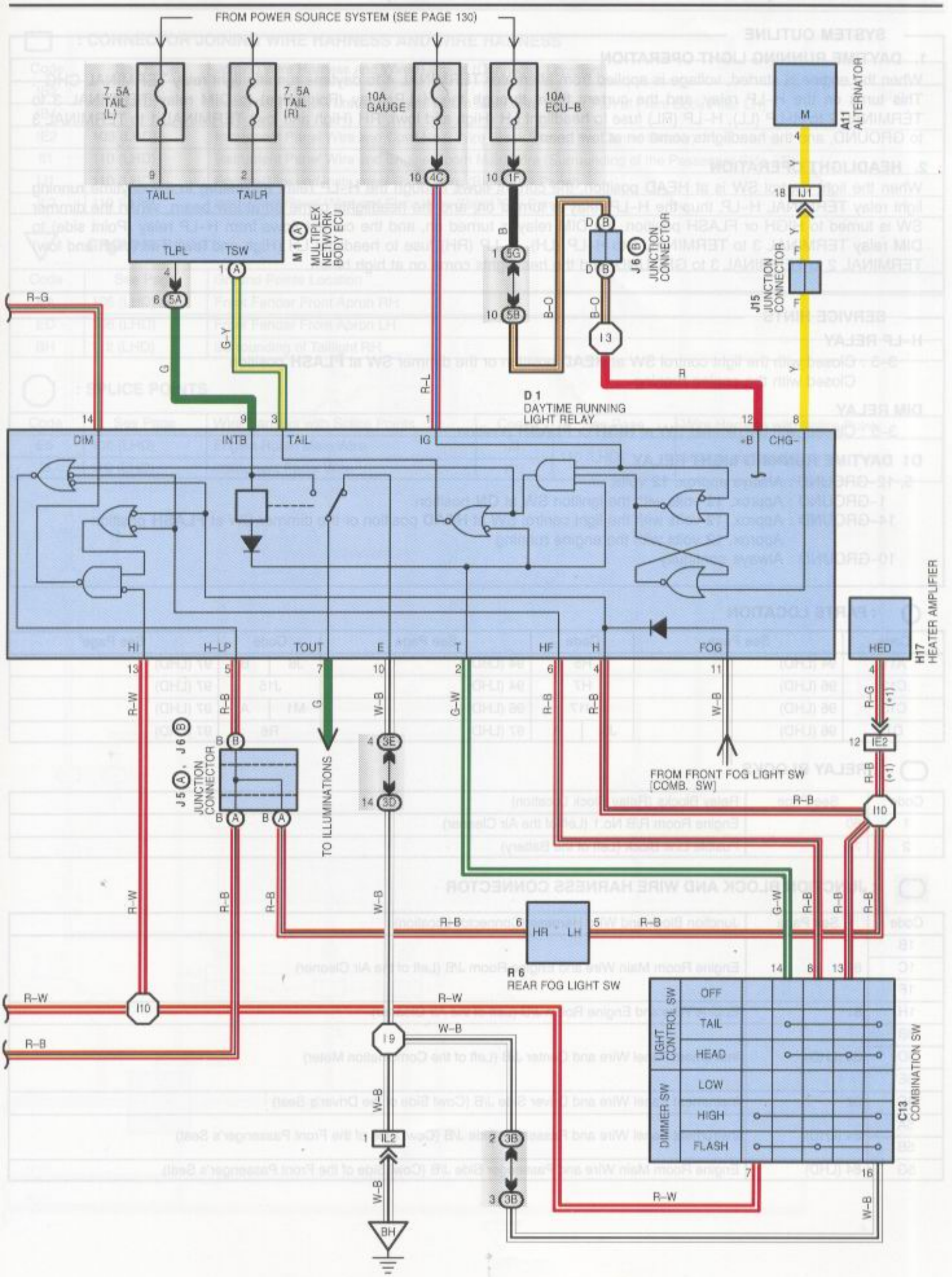
ENGINE IMMOBILISER SYSTEM

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	118 (RHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire
I9	110 (LHD)				

HEADLIGHT (w/ DAYTIME RUNNING LIGHT)




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
7.5A TAIL (L)
7.5A TAIL (R)
10A GAUGE
10A ECU-B
A11 ALTERNATOR
M1 MULTIPLEX NETWORK BODY ECU
TAILL
TAILR
TLPL
TSW
J6 JUNCTION CONNECTOR
J15 JUNCTION CONNECTOR
D1 DAYTIME RUNNING LIGHT RELAY
R-G
G
G-Y
R-L
B
B-O
R
DIM
INTB
TAIL
IG
+B
CHG-
HI
H-LP
TOUT
E
T
HF
H
FOG
HED
H17 HEATER AMPLIFIER
R-W
R-B
W-B
G-W
TO ILLUMINATIONS
FROM FRONT FOG LIGHT SW [COMB. SW]
J5 JUNCTION CONNECTOR
R6 REAR FOG LIGHT SW
HR
LH
LIGHT CONTROL SW
DIMMER SW
OFF
TAIL
HEAD
LOW
HIGH
FLASH
C13 COMBINATION SW
BH

HEADLIGHT (w/ DAYTIME RUNNING LIGHT)

SYSTEM OUTLINE

1. DAYTIME RUNNING LIGHT OPERATION

When the engine is started, voltage is applied from alternator TERMINAL 4 to daytime running light relay TERMINAL CHG-. This turns on the H-LP relay, and the current flows through the H-LP relay (Point side) to DIM relay TERMINAL 3 to TERMINAL 2 to H-LP (LL), H-LP (RL) fuse to headlight LH (High and low), RH (High and low) TERMINAL 1 to TERMINAL 3 to GROUND, and the headlights come on at low beam.

2. HEADLIGHT OPERATION

When the light control SW is at HEAD position, the current flows through the H-LP relay (Coil side) to the daytime running light relay TERMINAL H-LP, thus the H-LP relay is turned on, and the headlights come on at low beam. When the dimmer SW is turned to HIGH or FLASH position, the DIM relay is turned on, and the current flows from H-LP relay (Point side) to DIM relay TERMINAL 3 to TERMINAL 4 to H-LP (LH), H-LP (RH) fuse to headlight LH (High and low), RH (High and low) TERMINAL 2 to TERMINAL 3 to GROUND, and the headlights come on at high beam.

SERVICE HINTS

H-LP RELAY

3-5 : Closed with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position
Closed with the engine running

DIM RELAY

3-5 : Closed with the dimmer SW at **HIGH** or **FLASH** position

D1 DAYTIME RUNNING LIGHT RELAY

5, 12-GROUND : Always approx. **12** volts
1-GROUND : Approx. **12** volts with the ignition SW at **ON** position
14-GROUND : Approx. **12** volts with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position
Approx. **12** volts with the engine running
10-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A11	94 (LHD)	H5	94 (LHD)	J6 B	97 (LHD)
C12	96 (LHD)	H7	94 (LHD)	J15	97 (LHD)
C13	96 (LHD)	H17	96 (LHD)	M1 A	97 (LHD)
D1	96 (LHD)	J5 A	97 (LHD)	R6	97 (LHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	80	Engine Room R/B No.1 (Left of the Air Cleaner)
2	78	Fusible Link Block (Left of the Battery)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1C		
1F		
1H	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3D		
3E		
4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5B		
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB2 IB4	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IE2	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

▽ : GROUND POINTS

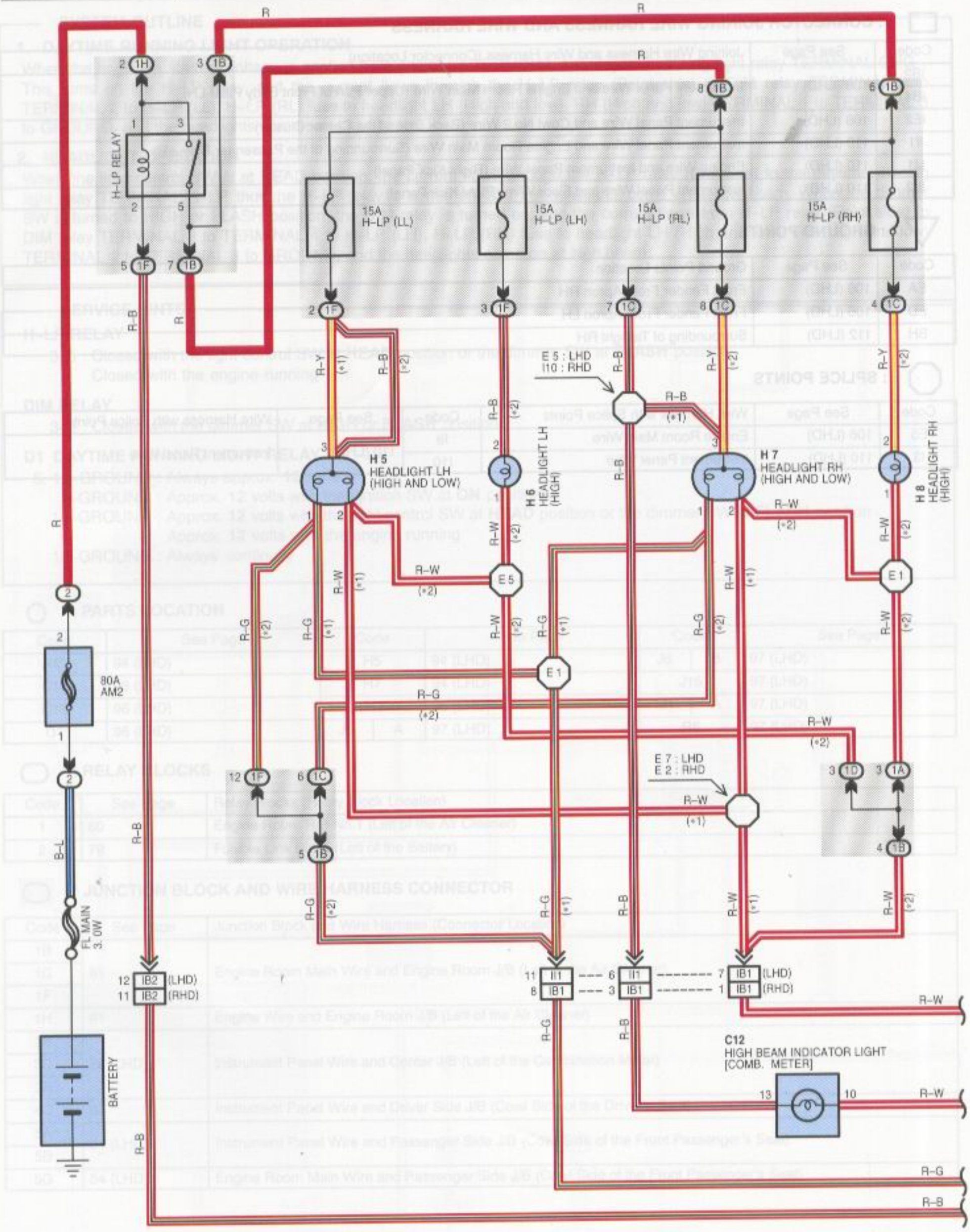
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
ED	106 (LHD)	Front Fender Front Apron LH
BH	112 (LHD)	Surrounding of Taillight RH

○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E5	106 (LHD)	Engine Room Main Wire	I9	110 (LHD)	Instrument Panel Wire
I3	110 (LHD)	Instrument Panel Wire	I10		

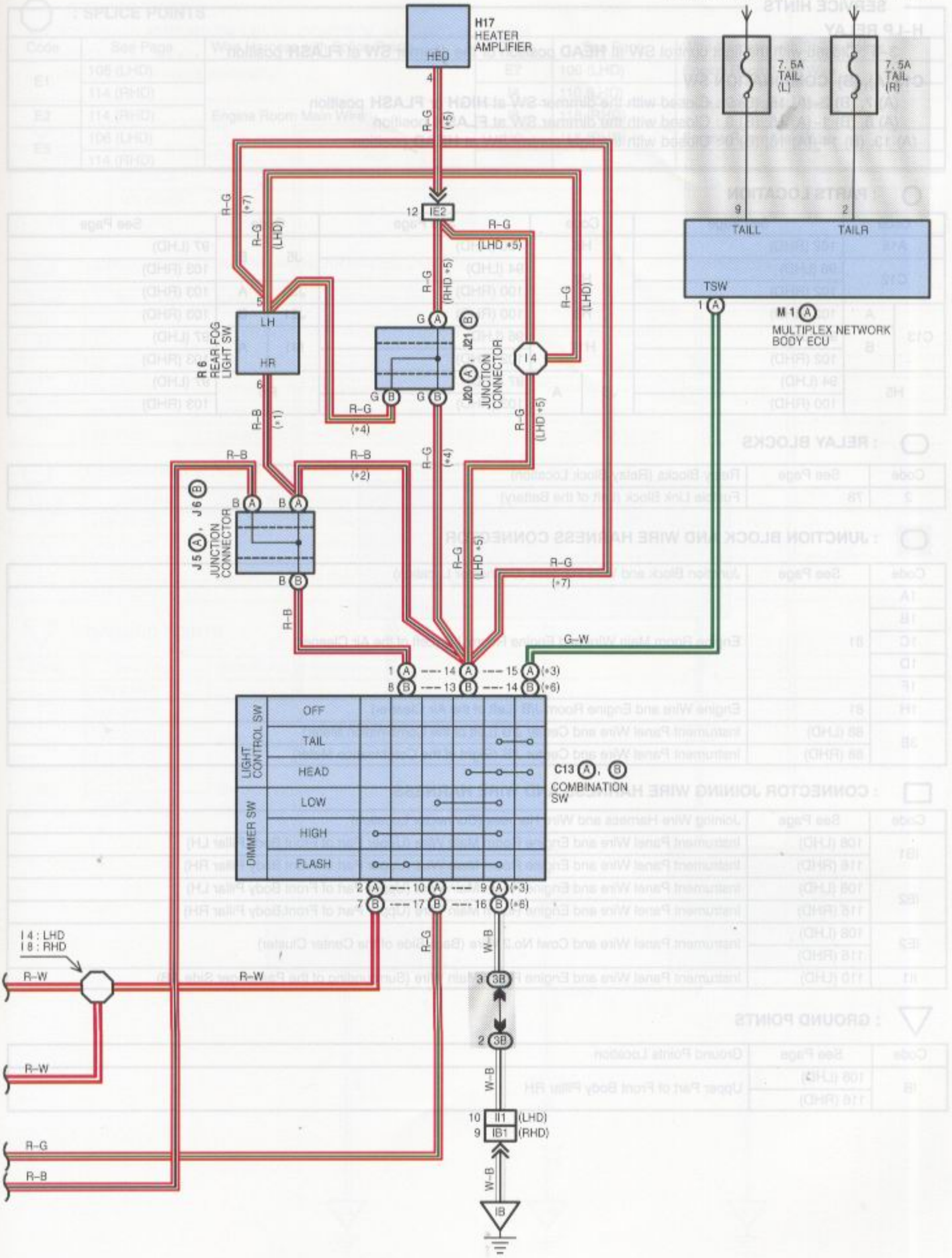


HEADLIGHT (w/o DAYTIME RUNNING LIGHT)



* 1 : EXCEPT AUSTRALIA
* 2 : AUSTRALIA
* 3 : AUSTRALIA, SINGAPORE, HONG KONG
* 4 : RHD EXCEPT AUSTRALIA
* 5 : COLD AREA SPEC.
* 6 : EXCEPT *3
* 7 : LHD EXCEPT COLD AREA SPEC.

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



HEADLIGHT (w/o DAYTIME RUNNING LIGHT)

SERVICE HINTS

H-LP RELAY

3-5 : Closed with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position

C13 (A), (B) COMBINATION SW

(A) 7, (B) 2-(A) 16, (B) 9 : Closed with the dimmer SW at **HIGH** or **FLASH** position
(A) 8, (B) 1-(A) 16, (B) 9 : Closed with the dimmer SW at **FLASH** position
(A) 13, (B) 14-(A) 16, (B) 9 : Closed with the light control SW at **HEAD** position

○ : PARTS LOCATION

Code		See Page
A15		102 (RHD)
C12		96 (LHD)
		102 (RHD)
C13	A	102 (RHD)
	B	96 (LHD)
		102 (RHD)
H5		94 (LHD)
		100 (RHD)
H6		100 (RHD)
H7		94 (LHD)
		100 (RHD)
H8		100 (RHD)
H17		96 (LHD)
		102 (RHD)
J5	A	97 (LHD)
		103 (RHD)
J6	B	97 (LHD)
		103 (RHD)
J20	A	103 (RHD)
J21	B	103 (RHD)
M1	A	97 (LHD)
		103 (RHD)
R6		97 (LHD)
		103 (RHD)

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1B		
1C		
1D		
1F		
1H	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

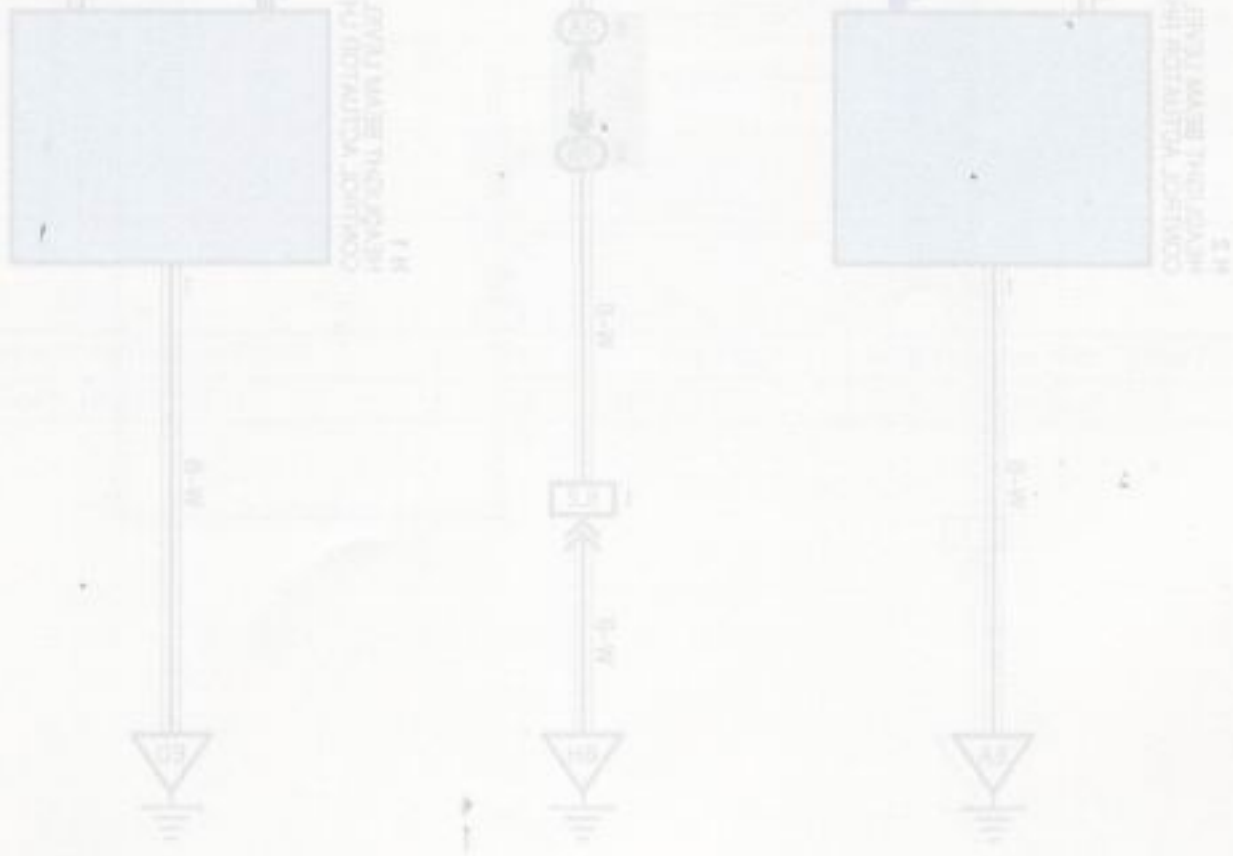
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IE2	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
	116 (RHD)	
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	

: SPLICE POINTS

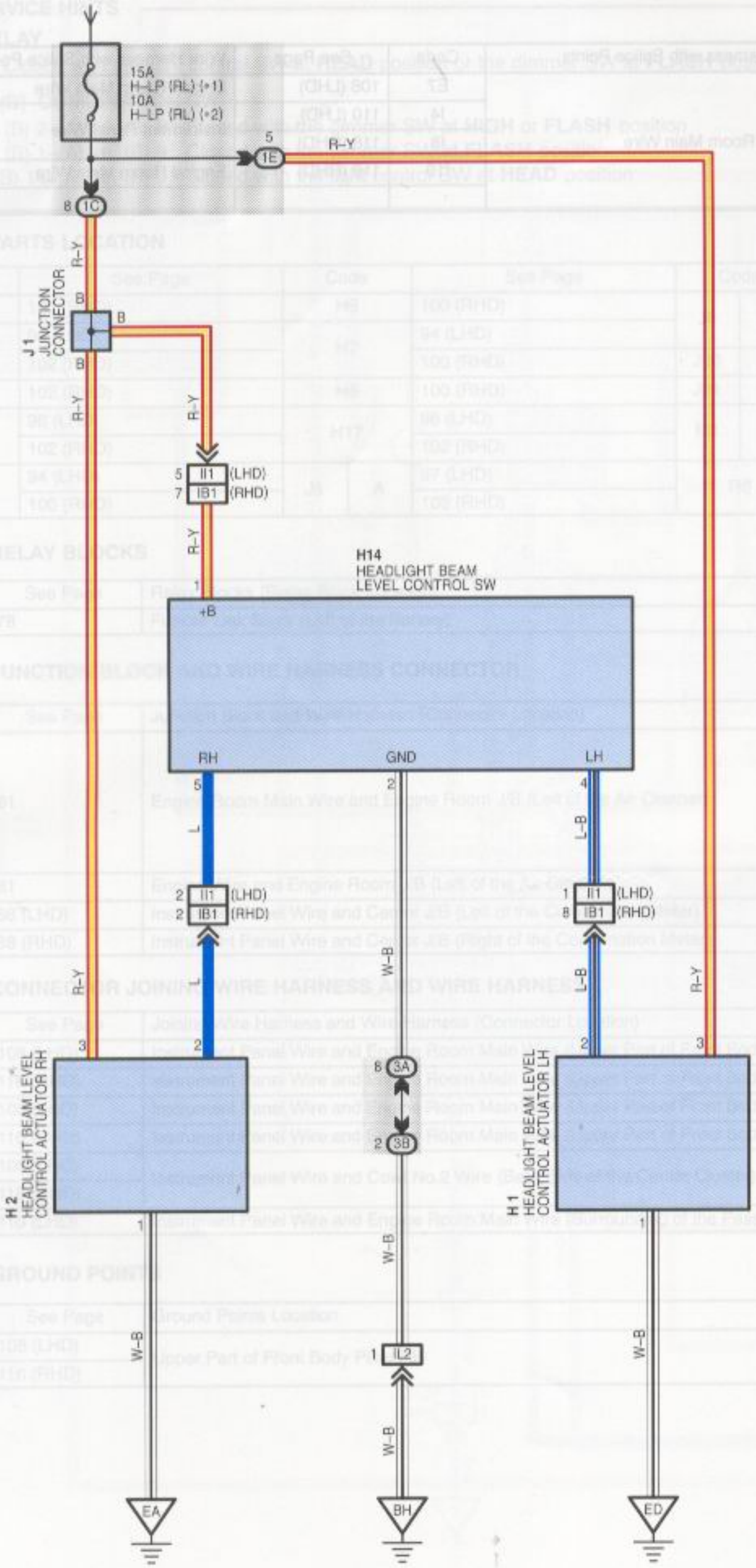
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	106 (LHD)	Engine Room Main Wire	E7	106 (LHD)	Engine Room Main Wire
	114 (RHD)		I4	110 (LHD)	Instrument Panel Wire
E2	114 (RHD)		I8	118 (RHD)	
E5	106 (LHD)		I10	118 (RHD)	Engine Room Main Wire
	114 (RHD)				



HEADLIGHT BEAM LEVEL CONTROL

* 1 : W/O DAYTIME RUNNING LIGHT
* 2 : W/ DAYTIME RUNNING LIGHT

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



SERVICE HINTS

H1, H2 HEADLIGHT BEAM LEVEL CONTROL ACTUATOR LH, RH

3-GROUND : Approx. **12** volts with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position

1-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
H1	94 (LHD)	H2	100 (RHD)	J1	95 (LHD)
	100 (RHD)	H14	96 (LHD)		101 (RHD)
H2	94 (LHD)		102 (RHD)		

▢ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1E		
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)

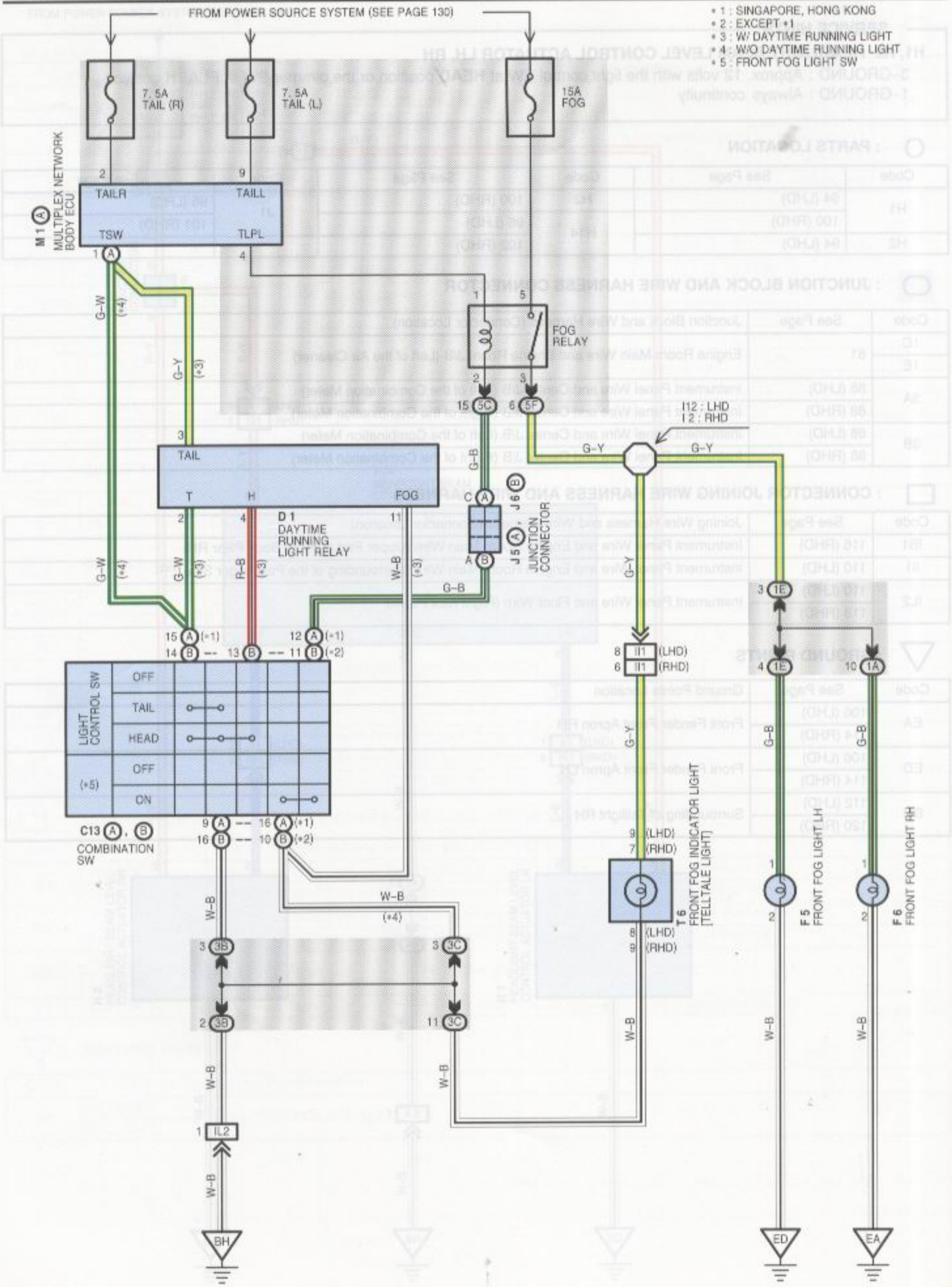
▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
ED	106 (LHD)	Front Fender Front Apron LH
	114 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

FRONT FOG LIGHT



SERVICE HINTS

FOG RELAY

3-5 : Closed with the light control SW at **TAIL** or **HEAD** position and the front fog light SW at **ON** position

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
C13	A	102 (RHD)	F6		94 (LHD)	M1	A	97 (LHD)
	B	96 (LHD)			100 (RHD)			103 (RHD)
		102 (RHD)	J5	A	97 (LHD)	T6		97 (LHD)
D1		96 (LHD)			103 (RHD)			103 (RHD)
F5		94 (LHD)	J6	B	97 (LHD)			
		100 (RHD)			103 (RHD)			

▢ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1E		
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
5C	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
	118 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

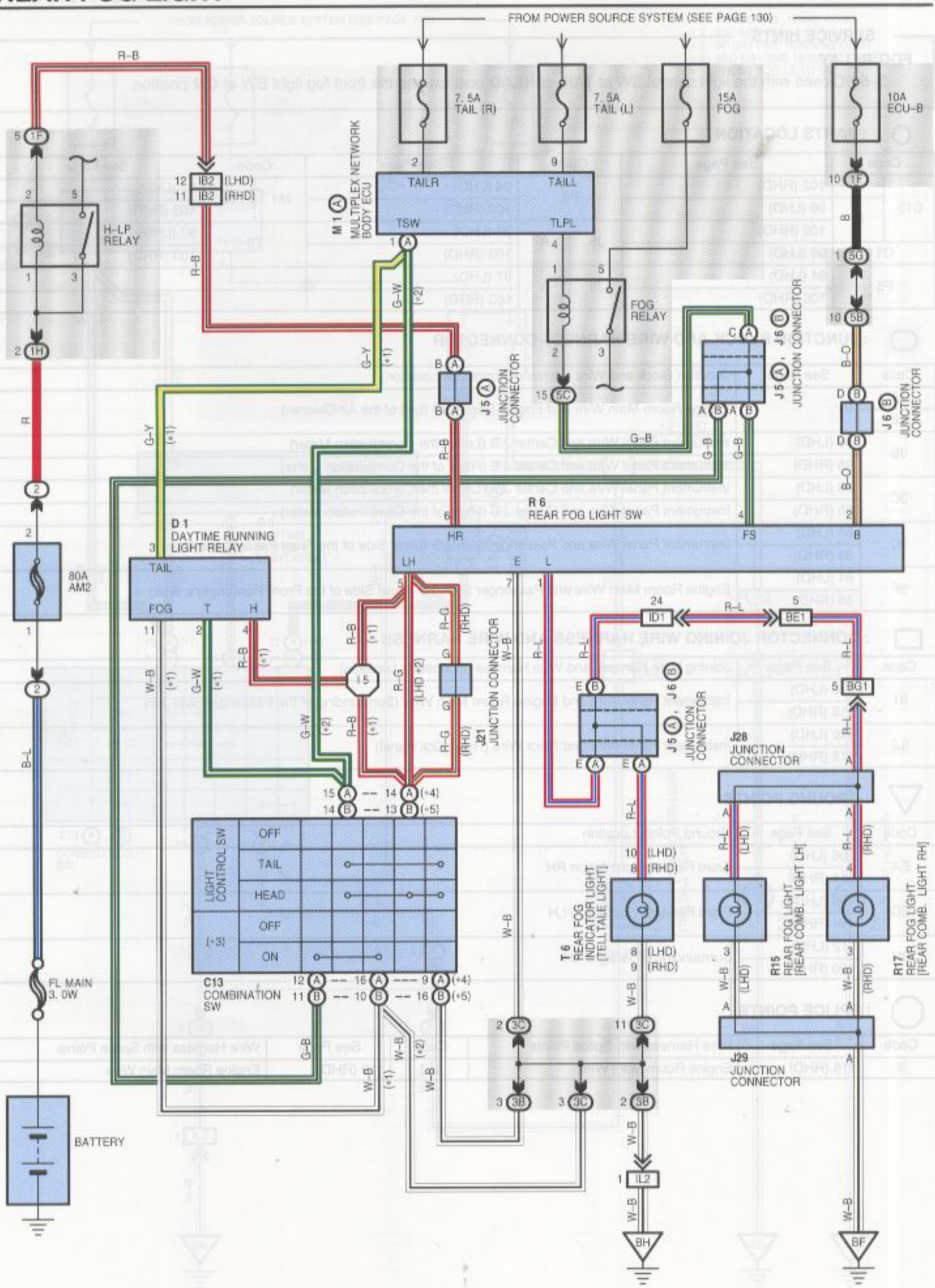
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
ED	106 (LHD)	Front Fender Front Apron LH
	114 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	118 (RHD)	Engine Room Main Wire	I12	110 (RHD)	Engine Room Main Wire

REAR FOG LIGHT

* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : W/O DAYTIME RUNNING LIGHT
* 3 : FRONT FOG LIGHT SW
* 4 : SINGAPORE, HONG KONG
* 5 : EXCEPT *4



SERVICE HINTS

R6 REAR FOG LIGHT SW

1–GROUND : Approx. **12** volts with the light control SW at **HEAD** position and the rear fog light SW at **ON** position
7–GROUND : Always continuity
2, 5, 6–GROUND : Always approx. **12** volts

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
C13	A	102 (RHD)	J6	B	103 (RHD)	M1	A	103 (RHD)
	B	96 (LHD)	J21		103 (RHD)	R6		97 (LHD)
		102 (RHD)	J28		98 (LHD)			103 (RHD)
D1		96 (LHD)			104 (RHD)	R15		99 (LHD)
J5	A	97 (LHD)	J29		98 (LHD)	R17		105 (RHD)
		103 (RHD)			104 (RHD)	T6		97 (LHD)
J6	B	97 (LHD)	M1	A	97 (LHD)			103 (RHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1H	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
5B	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5C	84 (LHD)	
	86 (RHD)	
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
	116 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
	120 (RHD)	
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)
	120 (RHD)	

▽ : GROUND POINTS

Code	See Page	Ground Points Location
BF	112 (LHD)	Center of the Back Door
	120 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

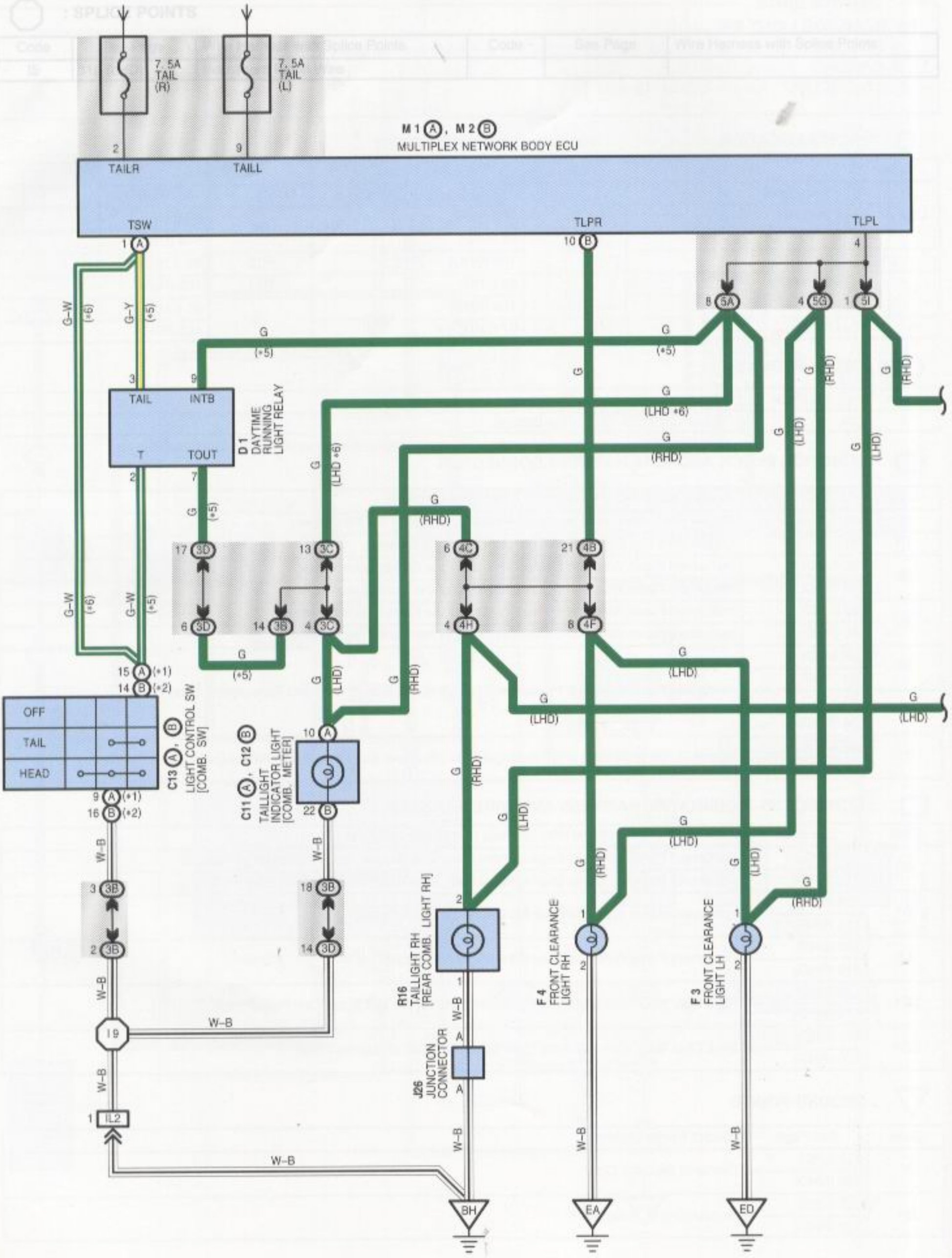
REAR FOG LIGHT

: SPLICE POINTS

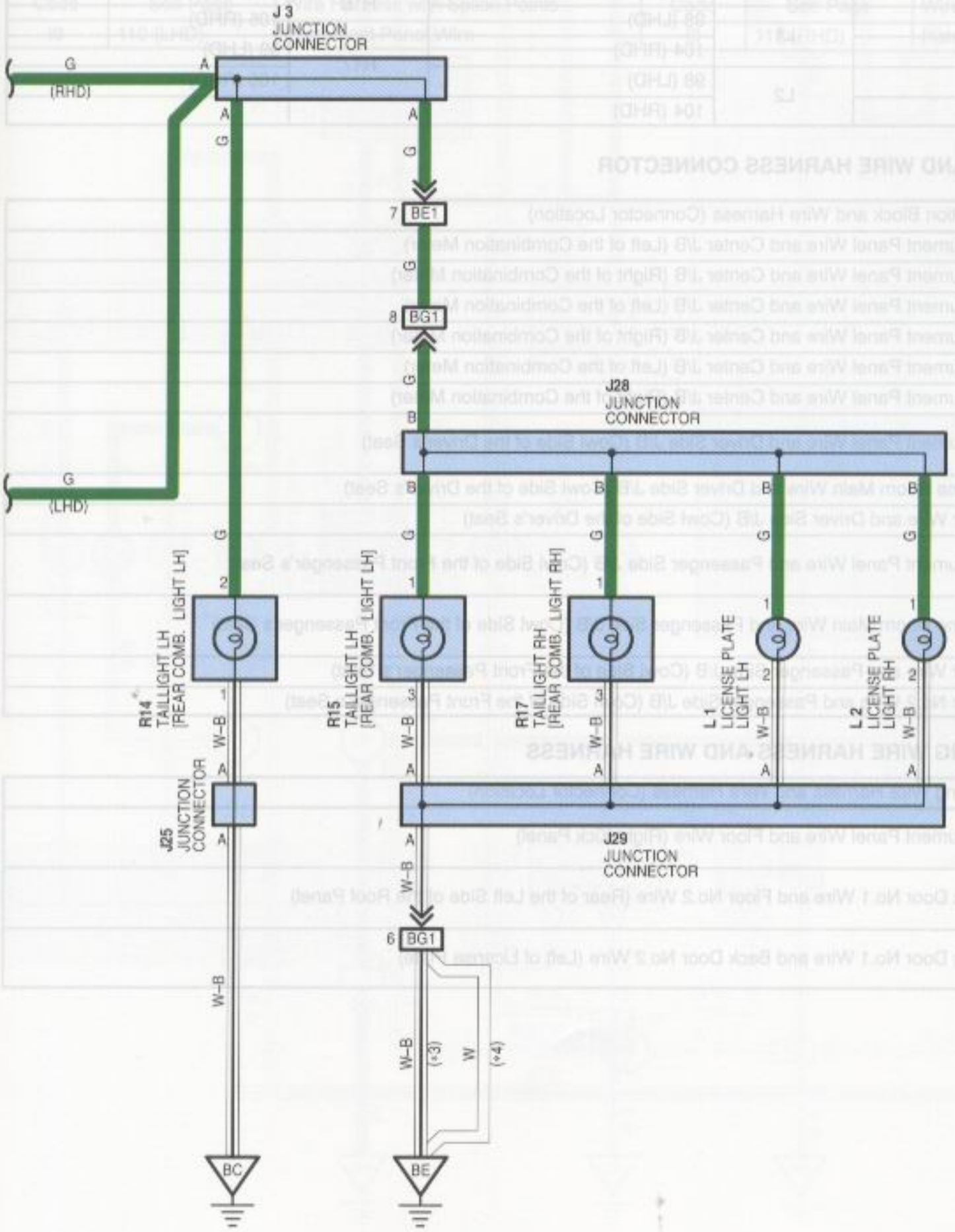
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	110 (LHD)	Instrument Panel Wire			

TAILLIGHT

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



* 1 : AUSTRALIA, SINGAPORE, HONG KONG
* 2 : EXCEPT *1
* 3 : EXCEPT U. K.
* 4 : U. K.
* 5 : W/ DAYTIME RUNNING LIGHT
* 6 : W/O DAYTIME RUNNING LIGHT



TAILLIGHT

SERVICE HINTS

C13 (A), (B) LIGHT CONTROL SW [COMB. SW]

(A) 14, (B) 15–(A) 16, (B) 9 : Closed with the light control SW at **TAIL** or **HEAD** position

○ : PARTS LOCATION

Code		See Page
C11	A	96 (LHD)
		102 (RHD)
C12	B	96 (LHD)
		102 (RHD)
C13	A	102 (RHD)
	B	96 (LHD)
		102 (RHD)
D1		96 (LHD)
F3		94 (LHD)
		100 (RHD)
F4		94 (LHD)
		100 (RHD)
J3		97 (LHD)

Code	See Page
J3	103 (RHD)
J25	98 (LHD)
	104 (RHD)
J26	98 (LHD)
	104 (RHD)
J28	98 (LHD)
	104 (RHD)
J29	98 (LHD)
	104 (RHD)
L1	98 (LHD)
	104 (RHD)
L2	98 (LHD)
	104 (RHD)

Code		See Page
M1	A	97 (LHD)
		103 (RHD)
M2	B	97 (LHD)
		103 (RHD)
R14		99 (LHD)
		105 (RHD)
R15		99 (LHD)
		105 (RHD)
R16		99 (LHD)
		105 (RHD)
R17		99 (LHD)
		105 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4H	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
	120 (RHD)	
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)
	120 (RHD)	

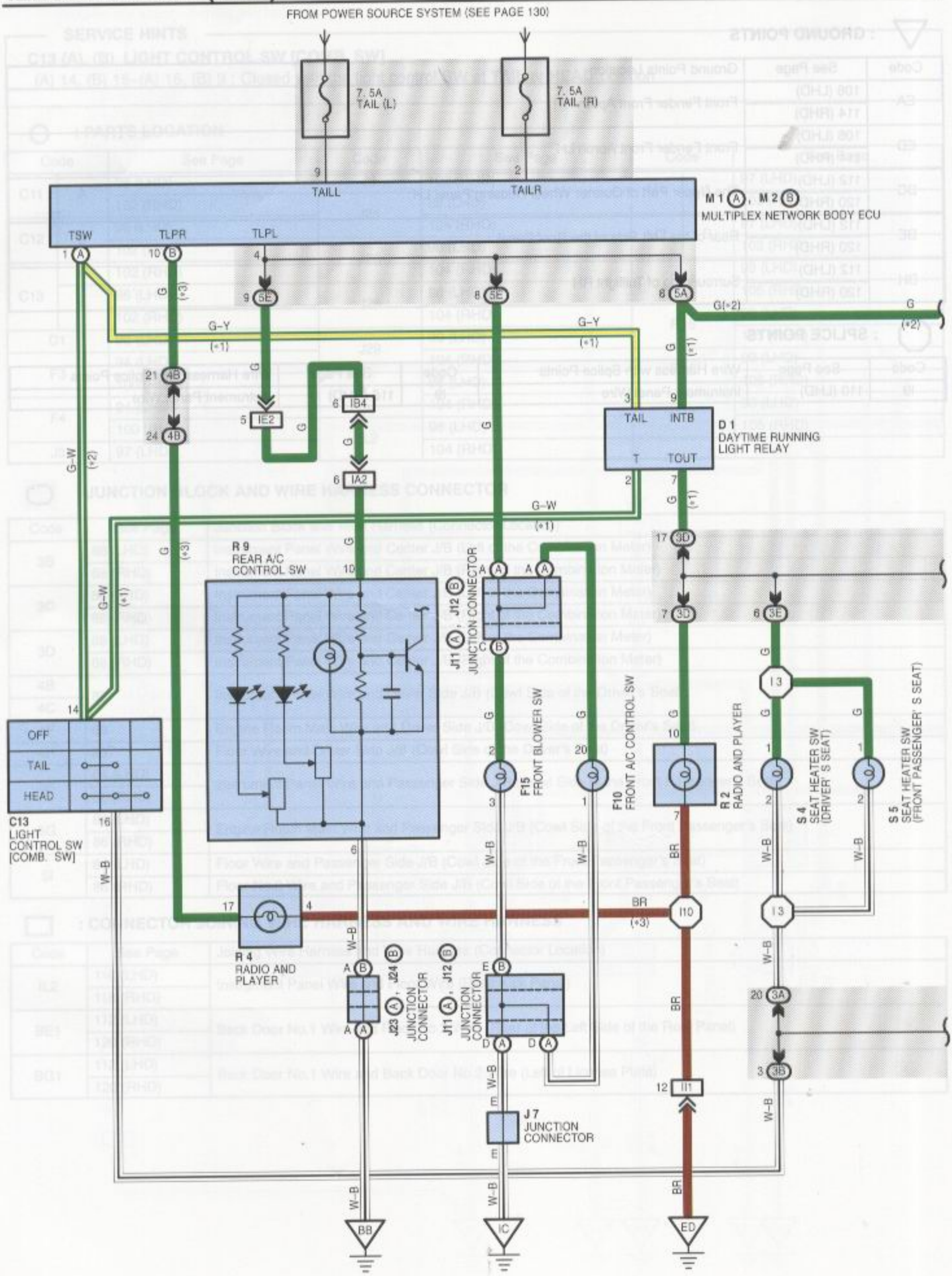
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD) 114 (RHD)	Front Fender Front Apron RH
ED	106 (LHD) 114 (RHD)	Front Fender Front Apron LH
BC	112 (LHD) 120 (RHD)	The Upper Part of Quarter Wheel Housing Panel LH
BE	112 (LHD) 120 (RHD)	Rear of the Left Side of the Roof Panel
BH	112 (LHD) 120 (RHD)	Surrounding of Taillight RH

○ : SPLICE POINTS

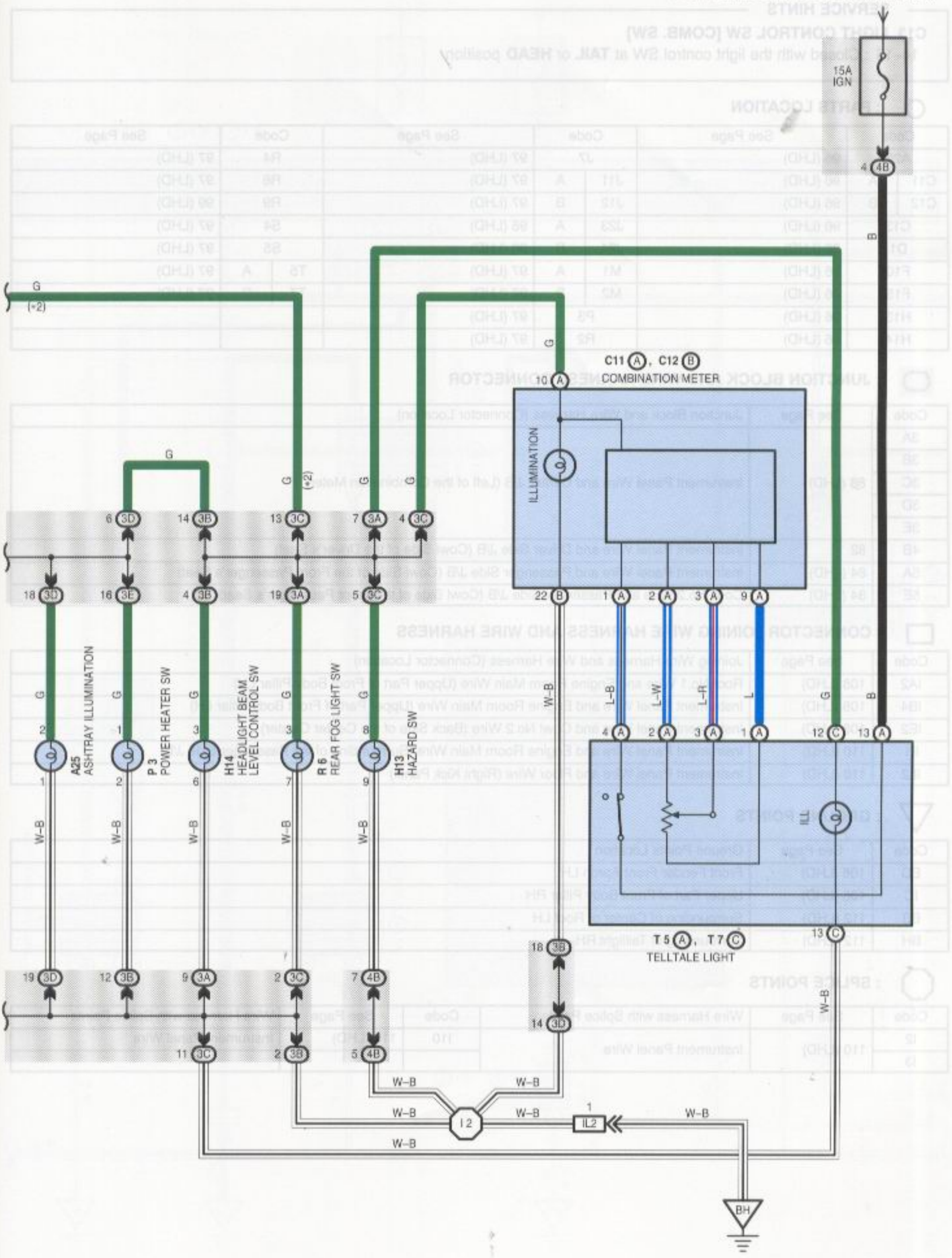
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	110 (LHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire

ILLUMINATION (LHD)



* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : W/O DAYTIME RUNNING LIGHT
* 3 : W/ DISPLAY

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



ILLUMINATION (LHD)

SERVICE HINTS

C13 LIGHT CONTROL SW [COMB. SW]

14–16 : Closed with the light control SW at **TAIL** or **HEAD** position

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A25	96 (LHD)	J7	97 (LHD)	R4	97 (LHD)
C11 A	96 (LHD)	J11 A	97 (LHD)	R6	97 (LHD)
C12 B	96 (LHD)	J12 B	97 (LHD)	R9	99 (LHD)
C13	96 (LHD)	J23 A	98 (LHD)	S4	97 (LHD)
D1	96 (LHD)	J24 B	98 (LHD)	S5	97 (LHD)
F10	96 (LHD)	M1 A	97 (LHD)	T5 A	97 (LHD)
F15	96 (LHD)	M2 B	97 (LHD)	T7 C	97 (LHD)
H13	96 (LHD)	P3	97 (LHD)		
H14	96 (LHD)	R2	97 (LHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B		
3C		
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	108 (LHD)	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB4	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IE2	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

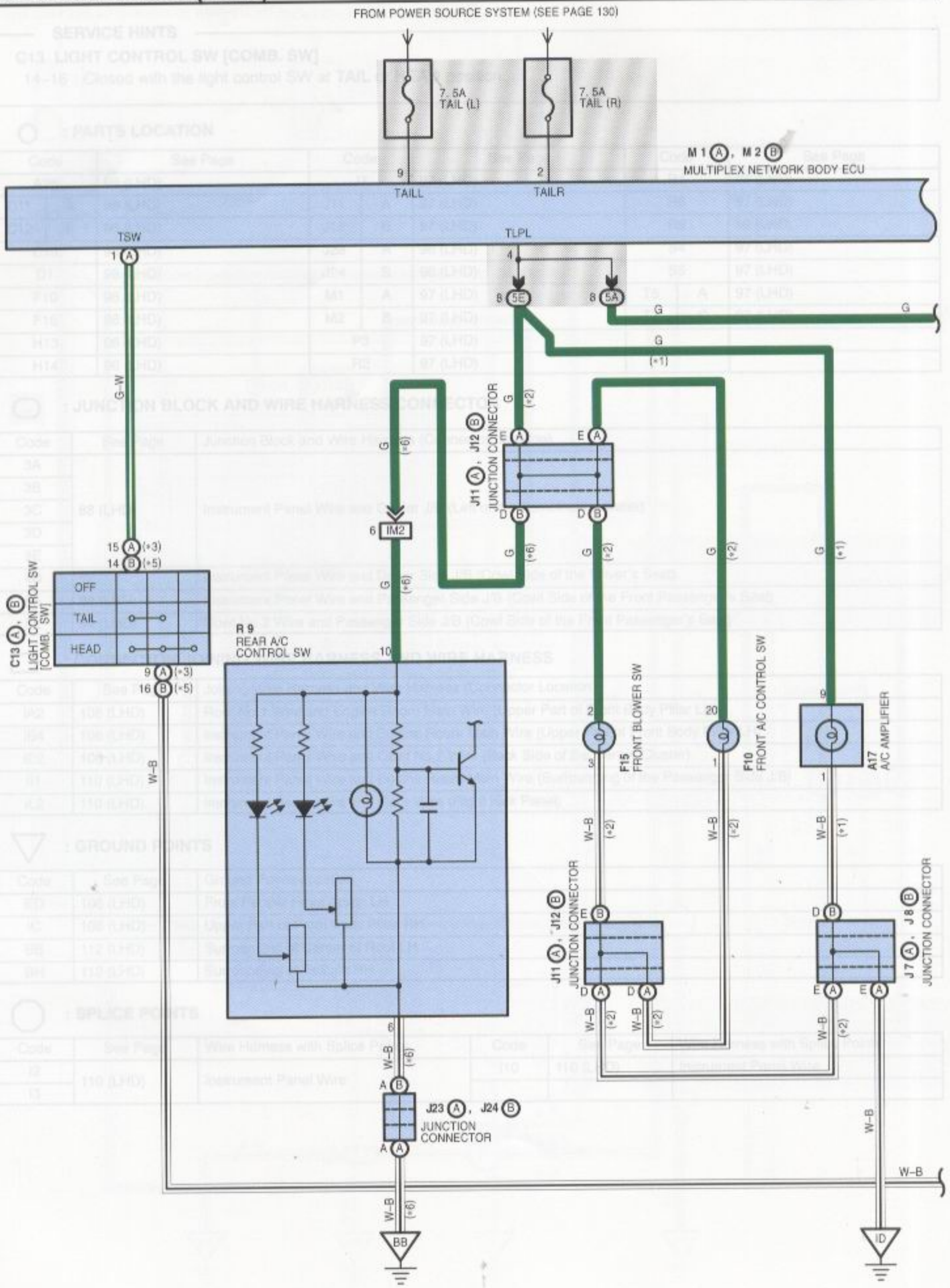
▽ : GROUND POINTS

Code	See Page	Ground Points Location
ED	106 (LHD)	Front Fender Front Apron LH
IC	108 (LHD)	Upper Part of Front Body Pillar RH
BB	112 (LHD)	Surrounding of Center of Roof LH
BH	112 (LHD)	Surrounding of Taillight RH

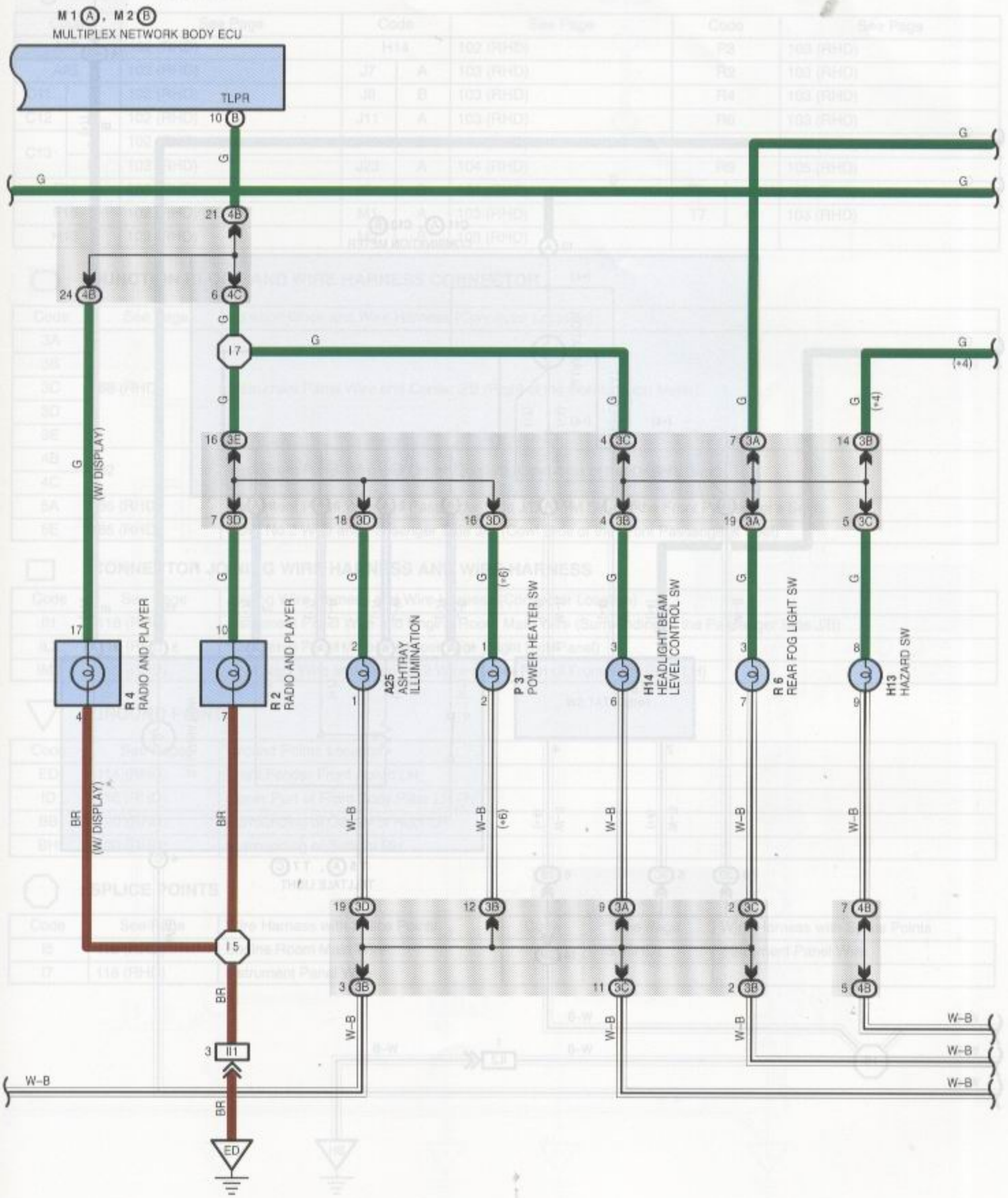
⯃ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	110 (LHD)	Instrument Panel Wire	I10	110 (LHD)	Instrument Panel Wire
I3					

ILLUMINATION (RHD)



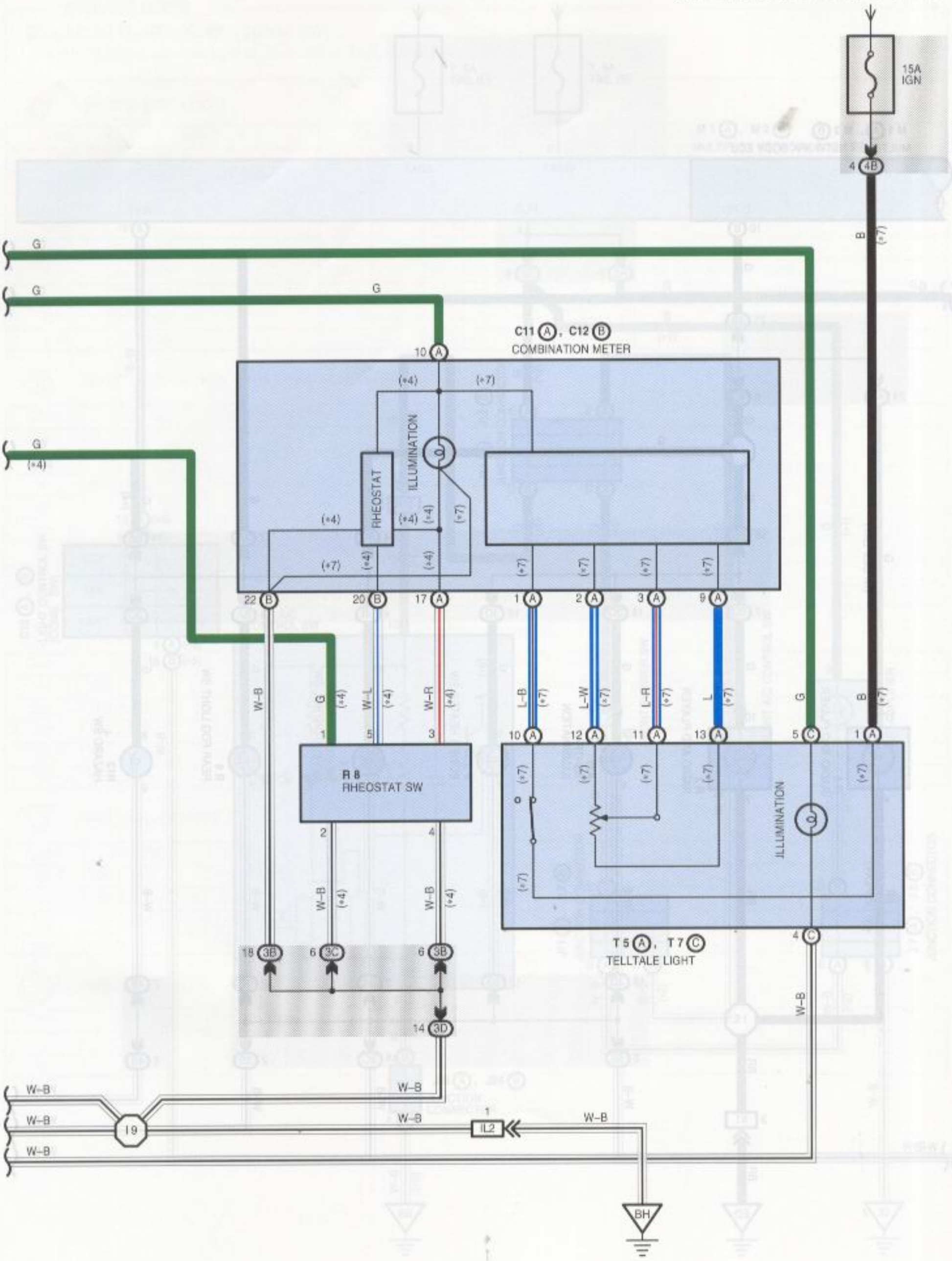
* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C
* 3 : AUSTRALIA, SINGAPORE, HONG KONG
* 4 : AUSTRALIA
* 5 : EXCEPT *3
* 6 : COLD AREA SPEC.



ILLUMINATION (RHD)

* 4 : AUSTRALIA
* 7 : EUROPE

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



SERVICE HINTS

C13 (A), (B) LIGHT CONTROL SW [COMB. SW]

(A) 14, (B) 15–(A) 16, (B) 9 : Closed with the light control SW at **TAIL** or **HEAD** position

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A17		102 (RHD)	H14		102 (RHD)	P3		103 (RHD)
A25		102 (RHD)	J7	A	103 (RHD)	R2		103 (RHD)
C11	A	102 (RHD)	J8	B	103 (RHD)	R4		103 (RHD)
C12	B	102 (RHD)	J11	A	103 (RHD)	R6		103 (RHD)
C13	A	102 (RHD)	J12	B	103 (RHD)	R8		103 (RHD)
	B	102 (RHD)	J23	A	104 (RHD)	R9		105 (RHD)
F10		102 (RHD)	J24	B	104 (RHD)	T5	A	103 (RHD)
F15		102 (RHD)	M1	A	103 (RHD)	T7	C	103 (RHD)
H13		102 (RHD)	M2	B	103 (RHD)			

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B		
3C		
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
5A	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E	86 (RHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM2	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)

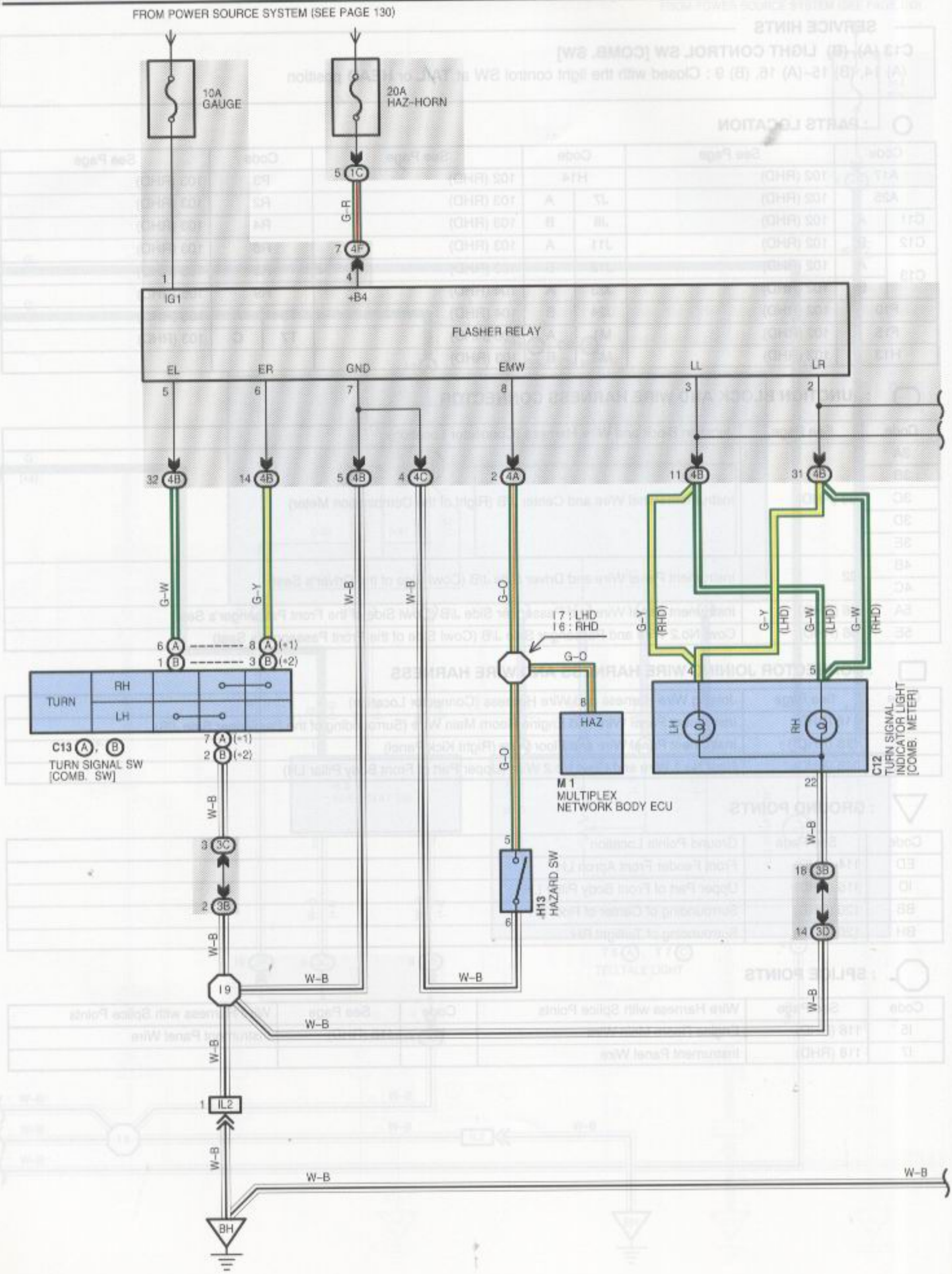
▽ : GROUND POINTS

Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
ID	116 (RHD)	Upper Part of Front Body Pillar LH
BB	120 (RHD)	Surrounding of Center of Roof LH
BH	120 (RHD)	Surrounding of Taillight RH

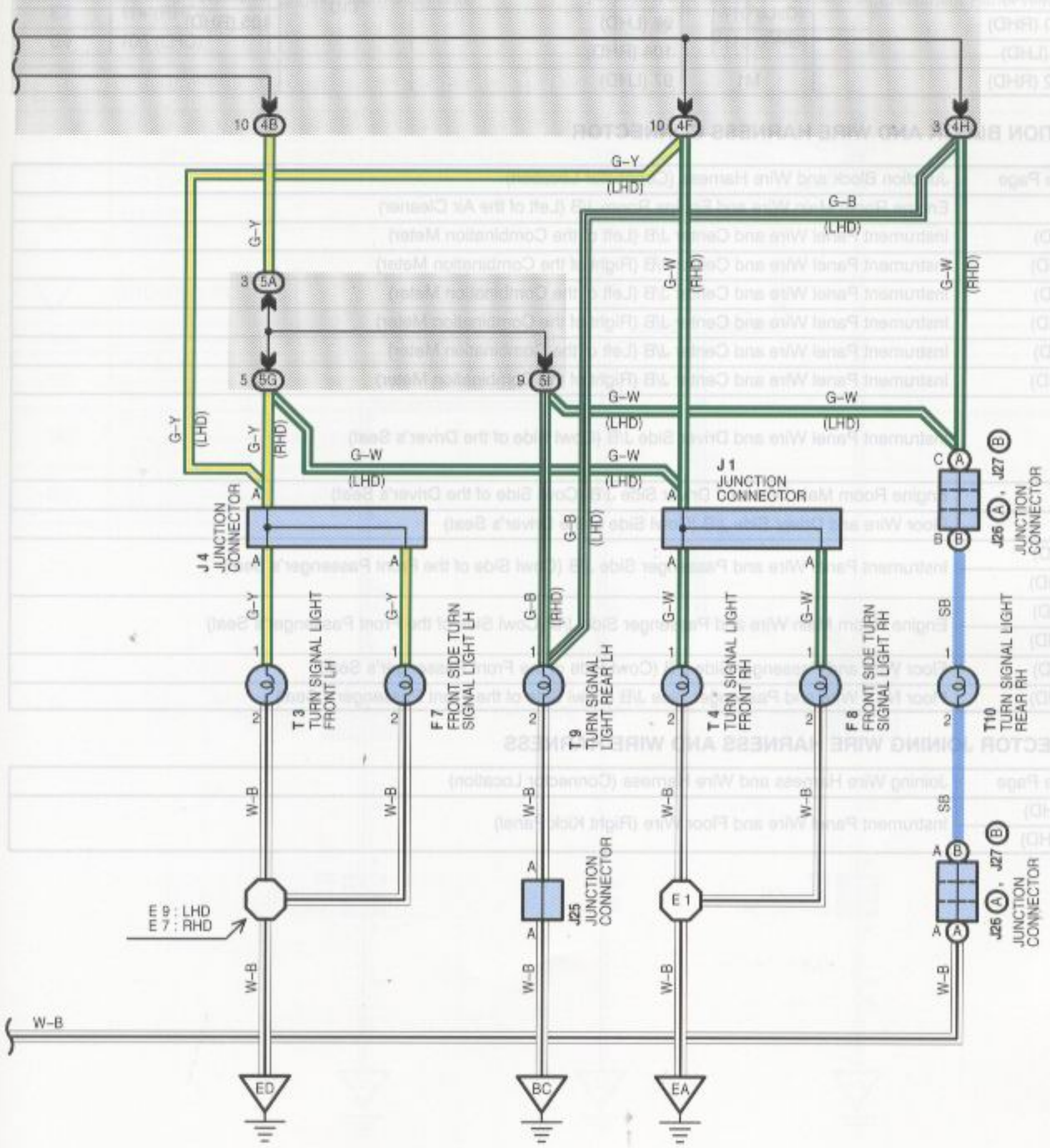
⯃ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	118 (RHD)	Engine Room Main Wire	I9	118 (RHD)	Instrument Panel Wire
I7	118 (RHD)	Instrument Panel Wire			

TURN SIGNAL AND HAZARD WARNING LIGHT



* 1 : AUSTRALIA, SINGAPORE, HONG KONG
* 2 : EXCEPT *1



TURN SIGNAL AND HAZARD WARNING LIGHT

SERVICE HINTS

FLASHER RELAY

4-GROUND : Always approx. **12** volts
1-GROUND : Approx. **12** volts with the ignition SW at **ON** or **ST** position
7-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
C12		96 (LHD)	J1		95 (LHD)	M1	103 (RHD)
		102 (RHD)			101 (RHD)	T3	95 (LHD)
C13	A	102 (RHD)	J4		97 (LHD)		101 (RHD)
	B	96 (LHD)			103 (RHD)	T4	95 (LHD)
		102 (RHD)	J25		98 (LHD)		101 (RHD)
F7		94 (LHD)			104 (RHD)	T9	99 (LHD)
		100 (RHD)	J26	A	98 (LHD)		105 (RHD)
F8		94 (LHD)			104 (RHD)	T10	99 (LHD)
		100 (RHD)	J27	B	98 (LHD)		105 (RHD)
H13		96 (LHD)			104 (RHD)		
		102 (RHD)	M1		97 (LHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4H	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

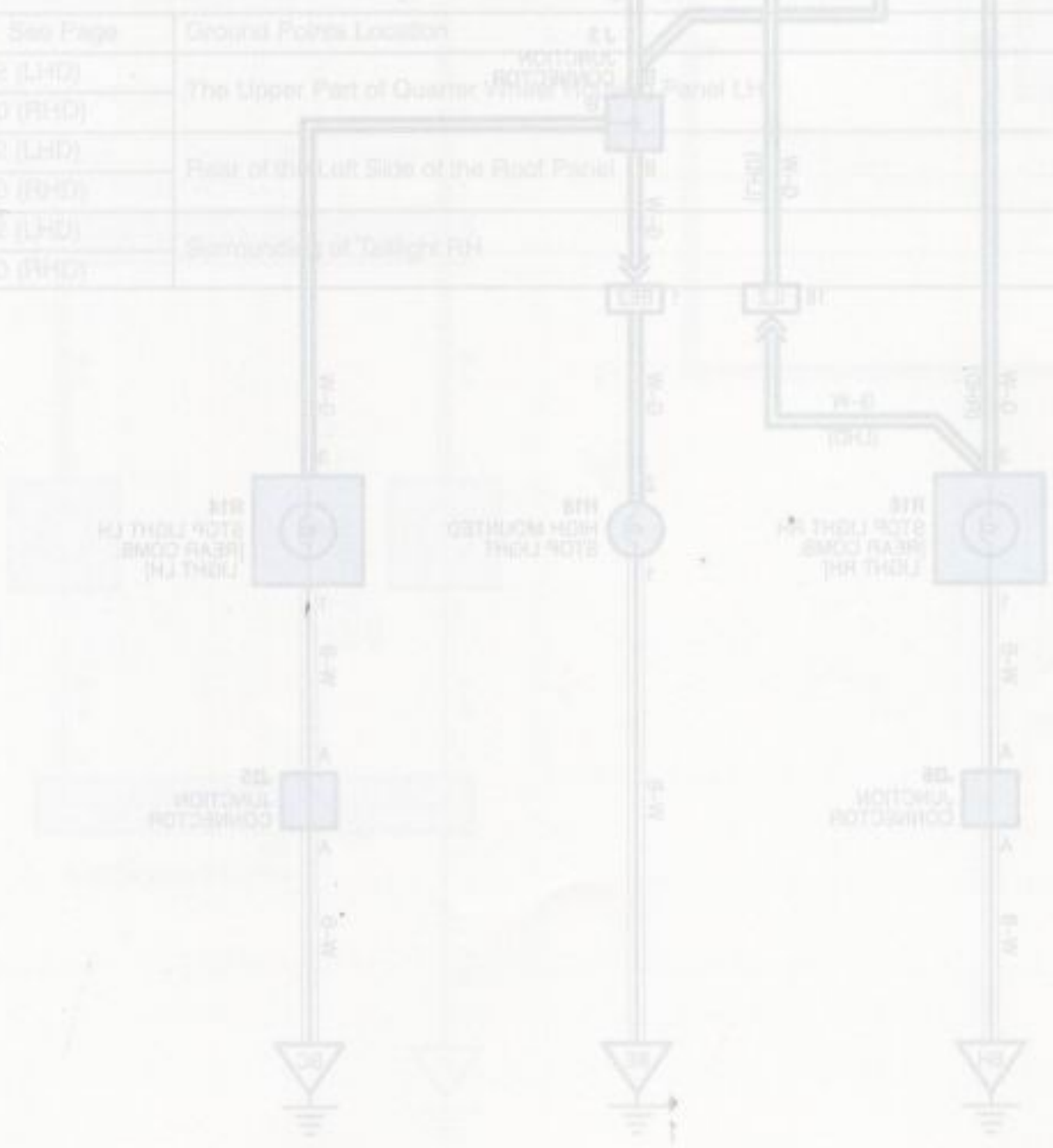
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

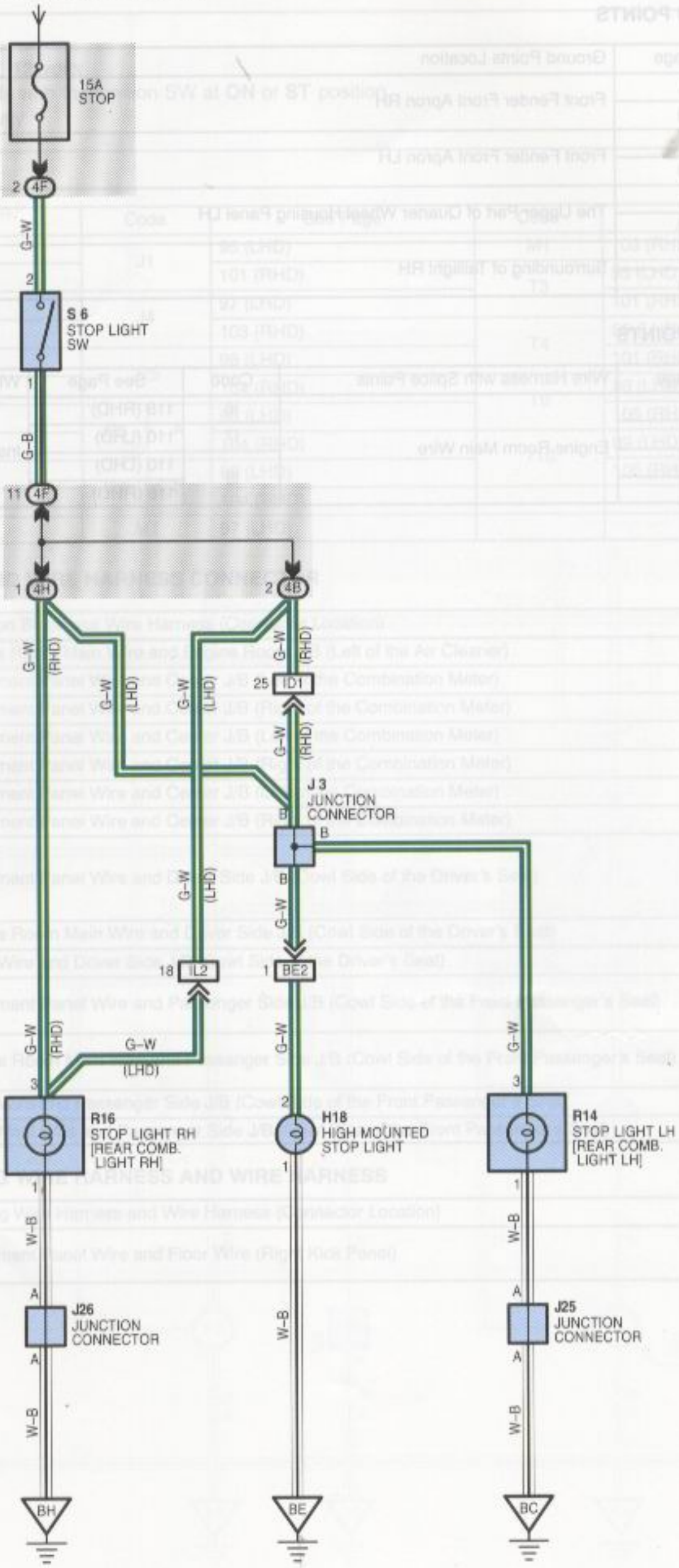
Code	See Page	Ground Points Location
EA	106 (LHD) 114 (RHD)	Front Fender Front Apron RH
ED	106 (LHD) 114 (RHD)	Front Fender Front Apron LH
BC	112 (LHD) 120 (RHD)	The Upper Part of Quarter Wheel Housing Panel LH
BH	112 (LHD) 120 (RHD)	Surrounding of Taillight RH

○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E6	106 (LHD) 114 (RHD)	Engine Room Main Wire	I6	118 (RHD)	Instrument Panel Wire
			I7	110 (LHD)	
E7	114 (RHD)		I9	110 (LHD) 118 (RHD)	
E9	106 (LHD)				



STOP LIGHT


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
15A
STOP
2
4F
G–W
2
S 6
STOP LIGHT
SW
1
G–B
11
4F
1
4H
2
4B
G–W
(RHD)
G–W
(LHD)
G–W
(LHD)
G–W
(RHD)
25
ID1
G–W
(RHD)
J 3
JUNCTION
CONNECTOR
B
B
G–W
(LHD)
18
IL2
1
BE2
G–W
(RHD)
G–W
(LHD)
G–W
2
3
R16
STOP LIGHT RH
[REAR COMB.
LIGHT RH]
H18
HIGH MOUNTED
STOP LIGHT
R14
STOP LIGHT LH
[REAR COMB.
LIGHT LH]
1
W–B
A
J26
JUNCTION
CONNECTOR
W–B
BH
W–B
BE
W–B
A
J25
JUNCTION
CONNECTOR
W–B
BC

SERVICE HINTS

S6 STOP LIGHT SW

1–2 : Closed with the brake pedal depressed

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
H18	98 (LHD)	J25	104 (RHD)	R16	99 (LHD)
	104 (RHD)	J26	98 (LHD)		105 (RHD)
J3	97 (LHD)		104 (RHD)	S6	97 (LHD)
	103 (RHD)	R14	99 (LHD)		103 (RHD)
J25	98 (LHD)		105 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4H	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

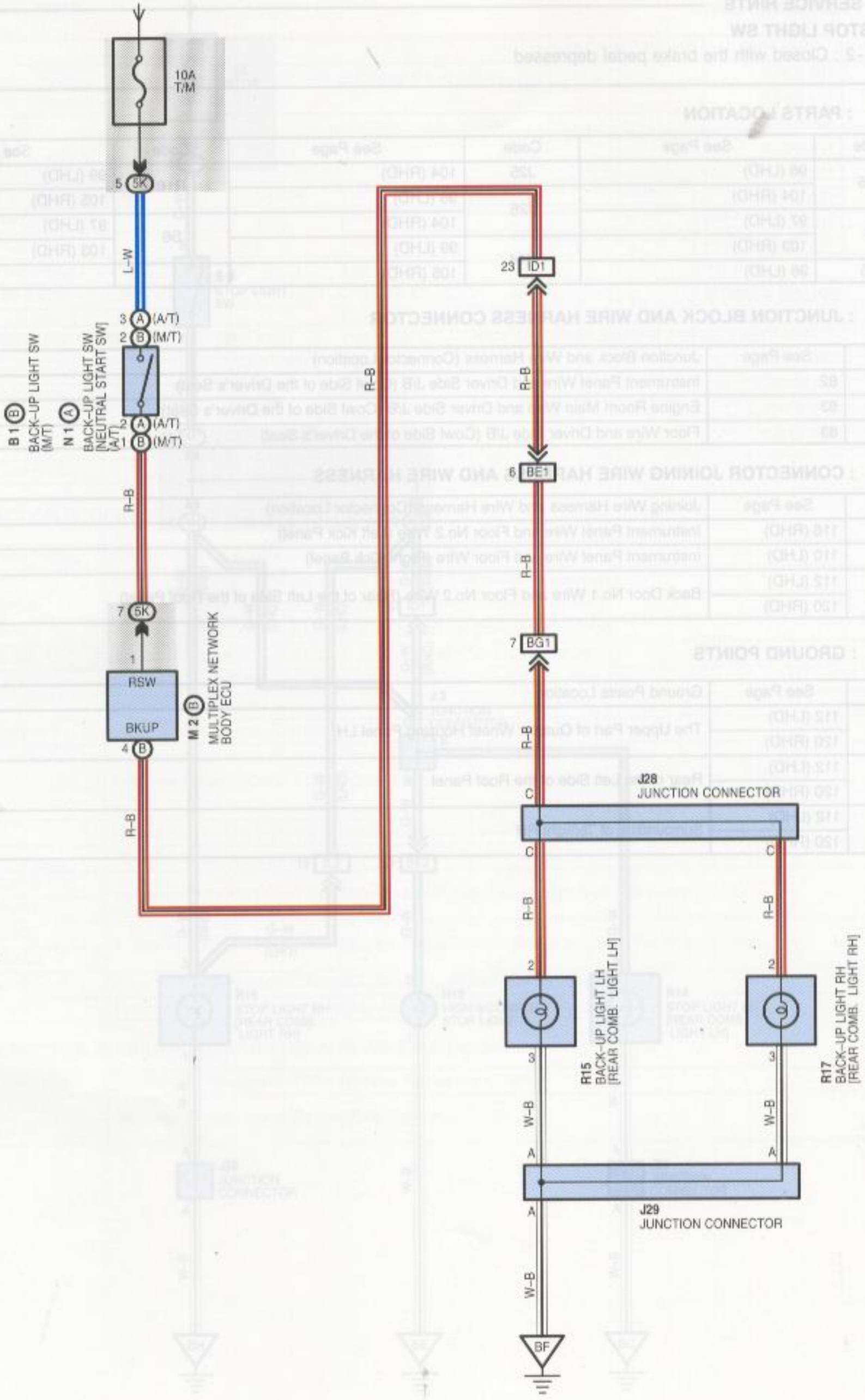
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	116 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BE2	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
	120 (RHD)	

▽ : GROUND POINTS

Code	See Page	Ground Points Location
BC	112 (LHD)	The Upper Part of Quarter Wheel Housing Panel LH
	120 (RHD)	
BE	112 (LHD)	Rear of the Left Side of the Roof Panel
	120 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

BACK-UP LIGHT

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



SERVICE HINTS

N1 (A) BACK-UP LIGHT SW [NEUTRAL START SW] (A/T)

3-2 : Closed with the shift lever at **R** position

B1 (B) BACK-UP LIGHT SW (M/T)

2-1 : Closed with the shift lever at **R** position

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
B1	B	94 (LHD)	J29		104 (RHD)	R15	99 (LHD)
		100 (RHD)	M2	B	97 (LHD)		105 (RHD)
J28		98 (LHD)			103 (RHD)	R17	99 (LHD)
		104 (RHD)	N1	A	95 (LHD)		105 (RHD)
J29		98 (LHD)			101 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
5K	84 (LHD)	Engine Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

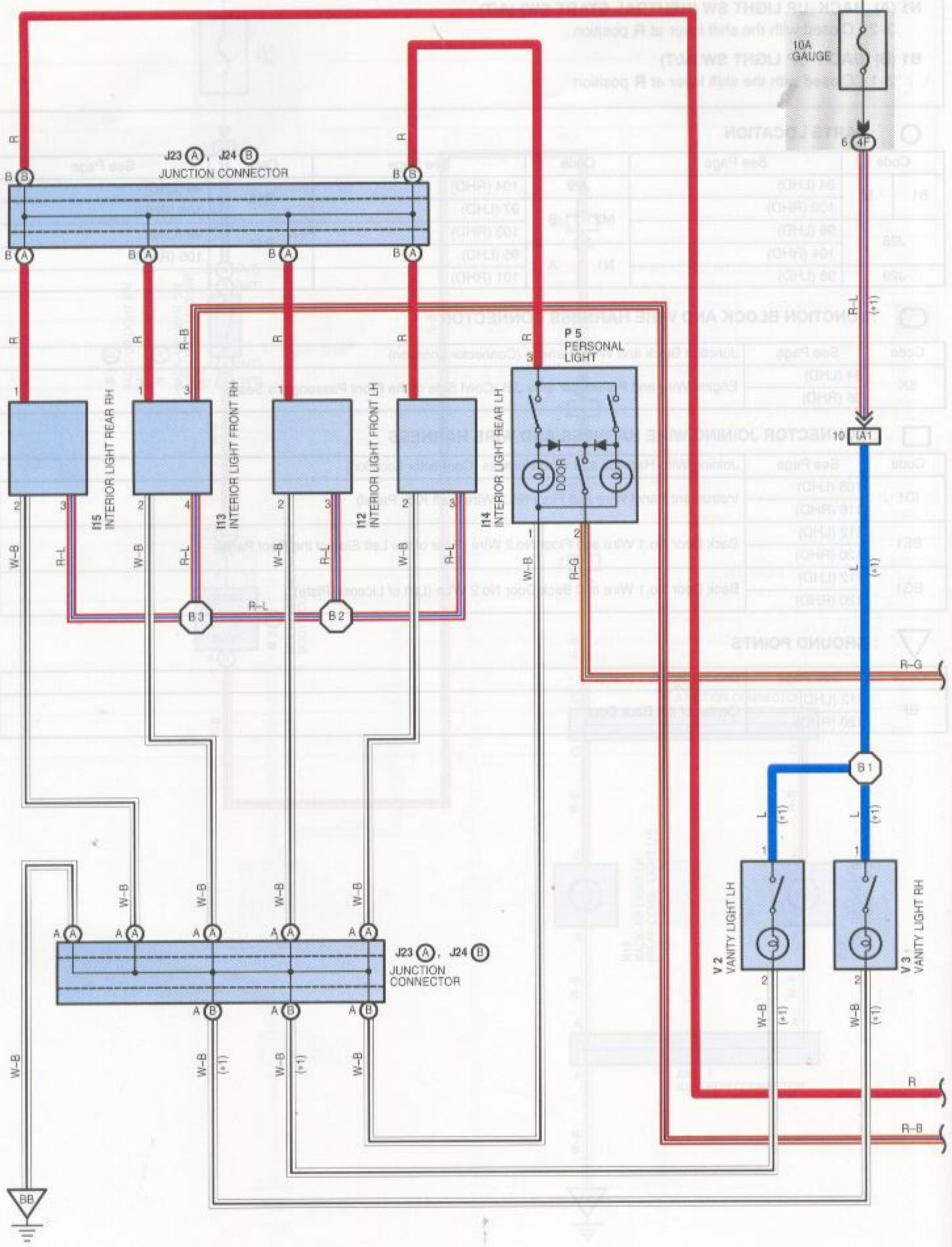
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
	116 (RHD)	
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
	120 (RHD)	
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)
	120 (RHD)	

▽ : GROUND POINTS

Code	See Page	Ground Points Location
BF	112 (LHD)	Center of the Back Door
	120 (RHD)	

INTERIOR LIGHT (LHD)

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



• 1 : W/ VANITY LIGHT
• 2 : EXCEPT GENERAL
• 3 : GENERAL

FROM POWER SOURCE SYSTEM (SEE PAGE 130)

10A DOME

7. 5A TAIL (L)

7. 5A TAIL (R)

M1 (A), M2 (B)
MULTIPLEX NETWORK BODY ECU

TAILL

TAILR

ILE

ACTY

DCTY

T6 OPEN DOOR WARNING LIGHT [TELLTALE LIGHT]

D5 DIODE (DOOR COURTESY NO. 2)

D11 DOOR COURTESY SW FRONT LH

D9 DOOR COURTESY LIGHT FRONT LH

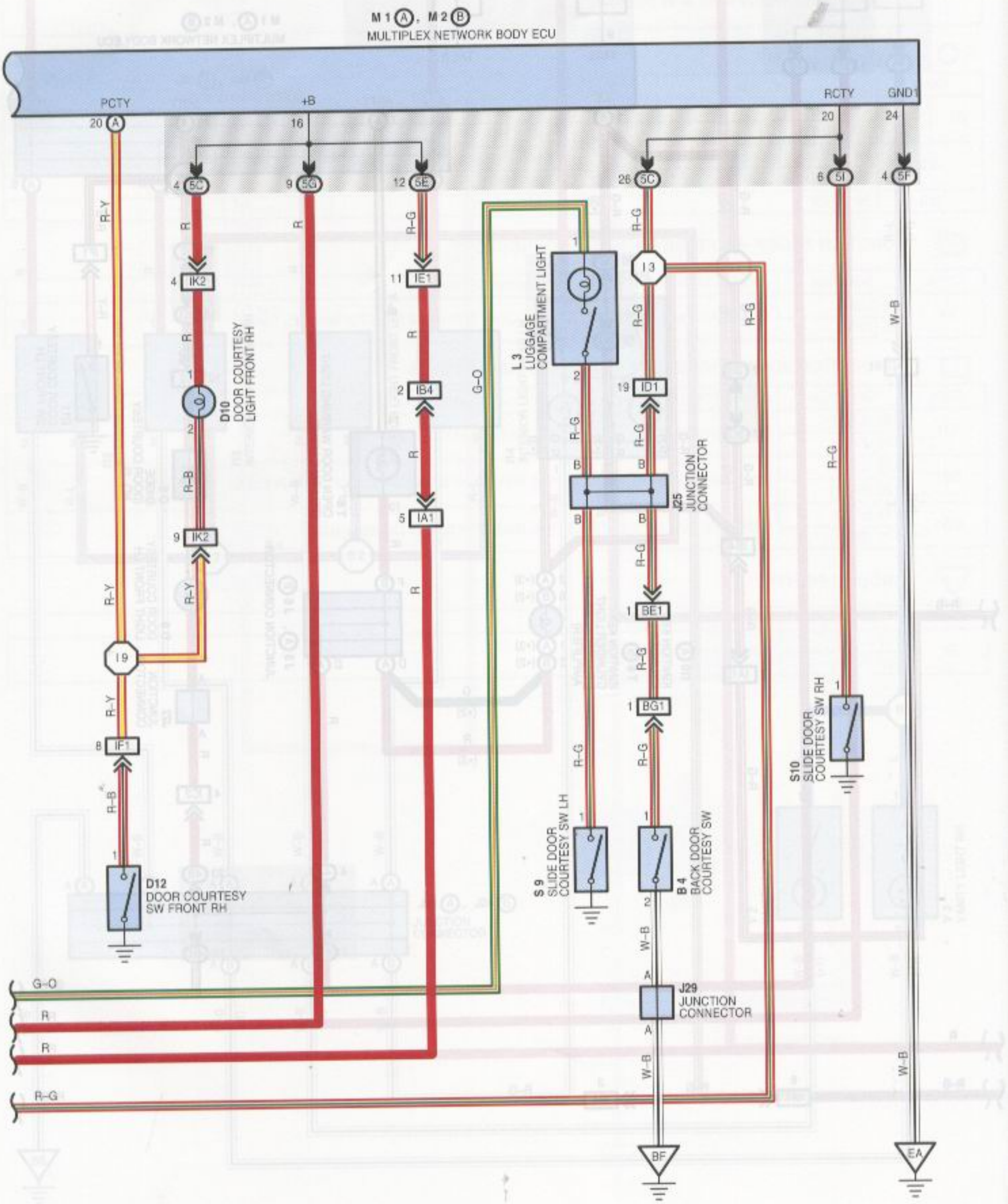
J22 JUNCTION CONNECTOR

J5 (A), J6 (B) JUNCTION CONNECTOR

I10 (A) IGNITION KEY CYLINDER LIGHT

T8 (B) IGNITION KEY CYLINDER LIGHT [TRANSPONDER KEY AMPLIFIER]

INTERIOR LIGHT (LHD)



SERVICE HINTS

D11, D12 DOOR COURTESY SW FRONT LH, RH

1-GROUND : Closed with the door open

S9, S10 SLIDE DOOR COURTESY SW LH, RH

1-GROUND : Closed with the door open

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B4	98 (LHD)	I15	98 (LHD)	M2 B	97 (LHD)
D5	96 (LHD)	J5 A	97 (LHD)	P5	99 (LHD)
D9	98 (LHD)	J6 B	97 (LHD)	S9	99 (LHD)
D10	98 (LHD)	J22	98 (LHD)	S10	99 (LHD)
D11	98 (LHD)	J23 A	98 (LHD)	T6	97 (LHD)
D12	98 (LHD)	J24 B	98 (LHD)	T8 B	97 (LHD)
I10 A	97 (LHD)	J25	98 (LHD)	V2	99 (LHD)
I12	98 (LHD)	J29	98 (LHD)	V3	99 (LHD)
I13	98 (LHD)	L3	98 (LHD)		
I14	98 (LHD)	M1 A	97 (LHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C 1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3B 3C 3D 3E	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
4A 4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4H	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5F 5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1 IA2	108 (LHD)	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB4	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

INTERIOR LIGHT (LHD)

▽ : GROUND POINTS

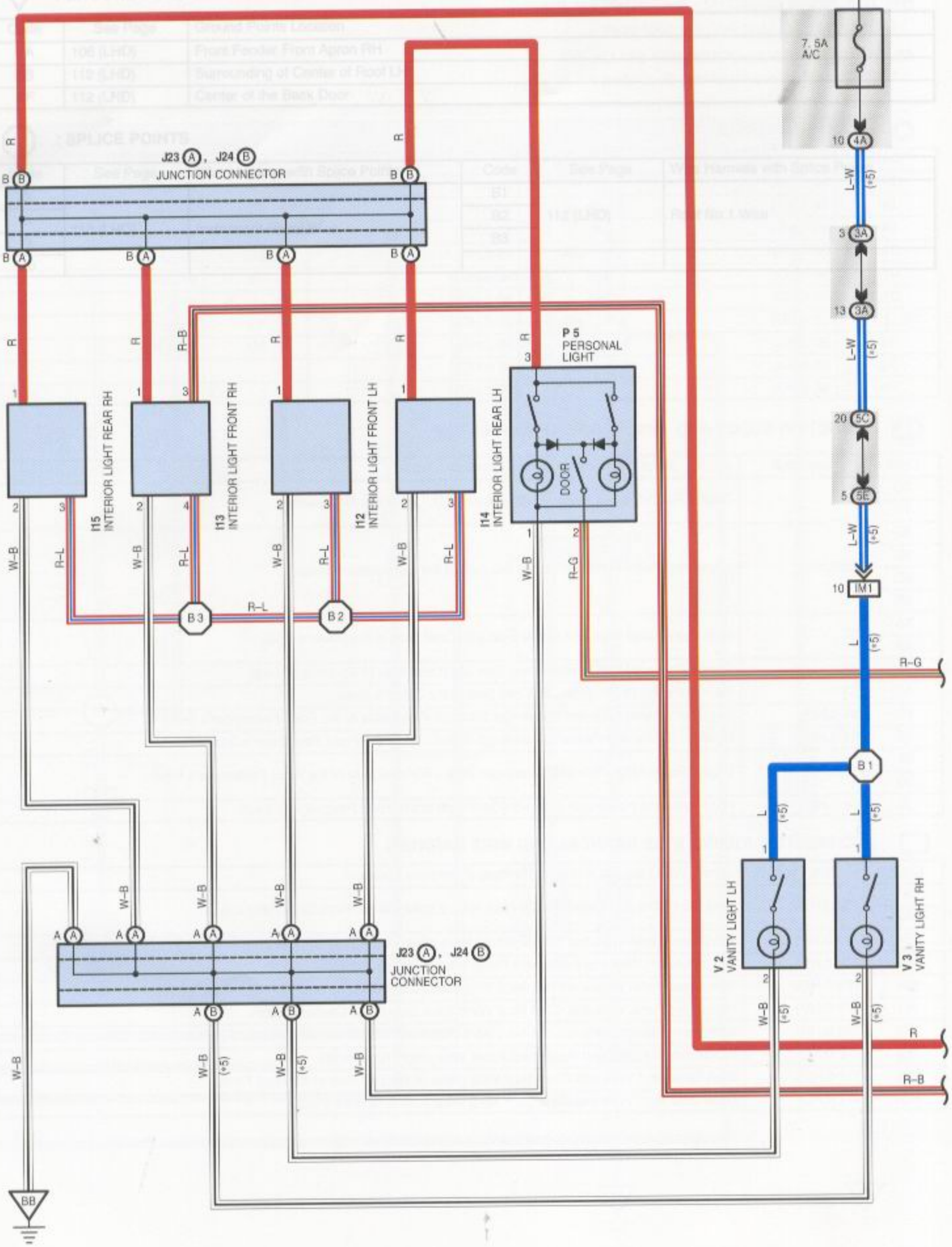
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
BB	112 (LHD)	Surrounding of Center of Roof LH
BF	112 (LHD)	Center of the Back Door

○ : SPLICE POINTS

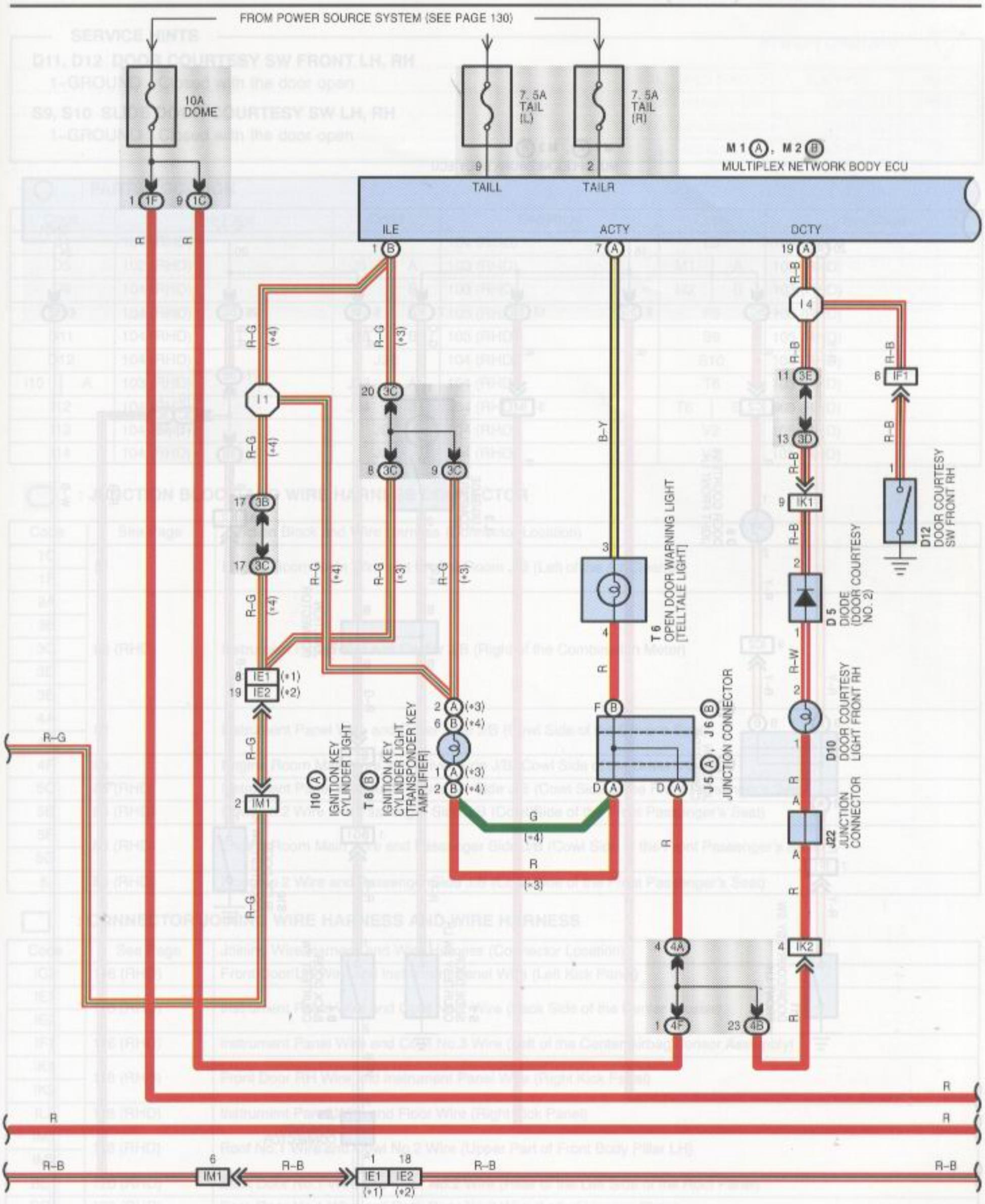
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	110 (LHD)	Instrument Panel Wire	B1	112 (LHD)	Roof No.1 Wire
I3			B2		
I9			B3		
I10					

INTERIOR LIGHT (RHD)

FROM POWER SOURCE SYSTEM (SEE PAGE 130)

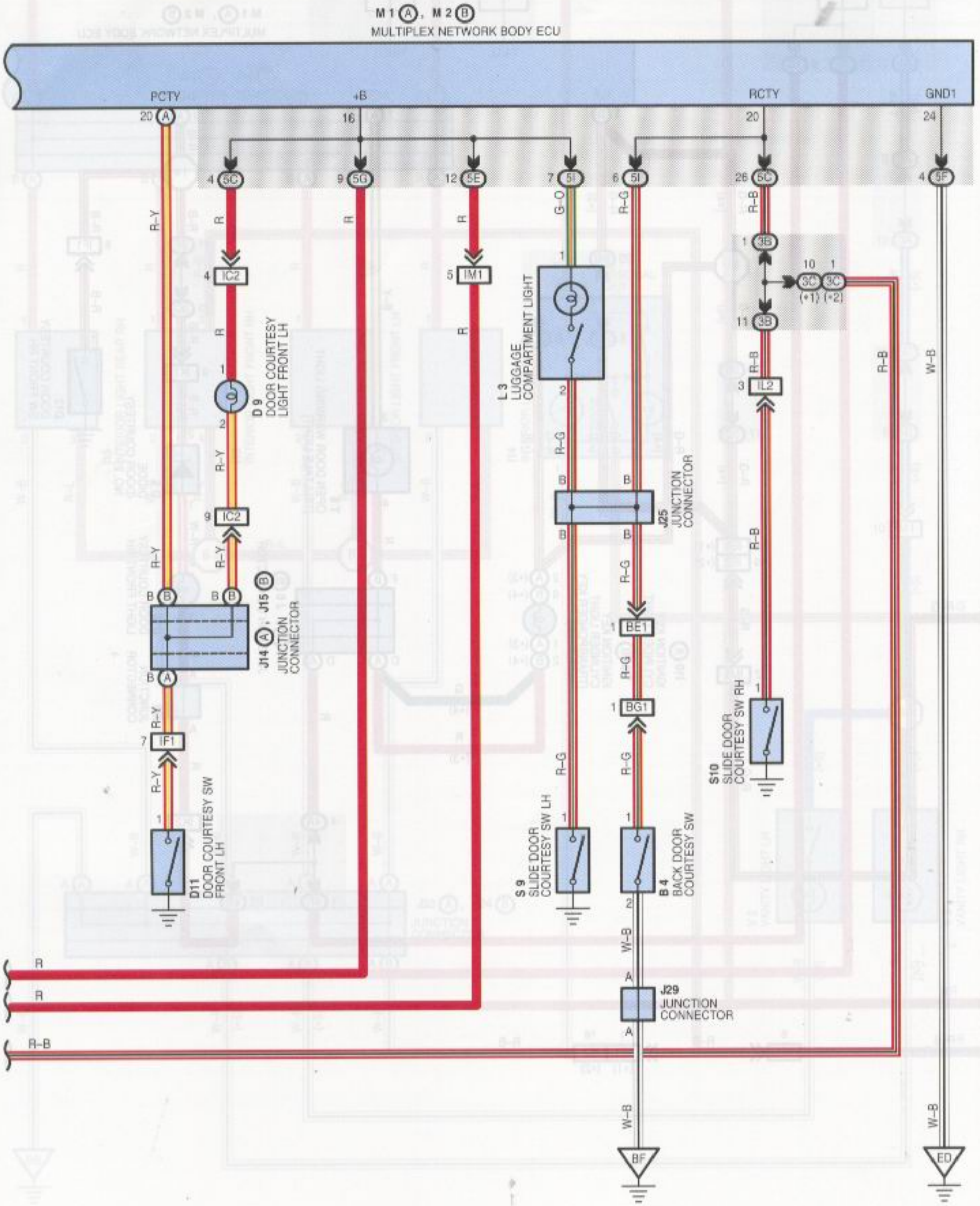


* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C
* 3 : SINGAPORE
* 4 : EXCEPT SINGAPORE
* 5 : w/ VANITY LIGHT



INTERIOR LIGHT (RHD)

* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C



SERVICE HINTS

D11, D12 DOOR COURTESY SW FRONT LH, RH

1-GROUND : Closed with the door open

S9, S10 SLIDE DOOR COURTESY SW LH, RH

1-GROUND : Closed with the door open

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B4	104 (RHD)	I15	104 (RHD)	L3	104 (RHD)
D5	102 (RHD)	J5 A	103 (RHD)	M1 A	103 (RHD)
D9	104 (RHD)	J6 B	103 (RHD)	M2 B	103 (RHD)
D10	104 (RHD)	J14 A	103 (RHD)	P5	105 (RHD)
D11	104 (RHD)	J15 B	103 (RHD)	S9	105 (RHD)
D12	104 (RHD)	J22	104 (RHD)	S10	105 (RHD)
I10 A	103 (RHD)	J23 A	104 (RHD)	T6	103 (RHD)
I12	104 (RHD)	J24 B	104 (RHD)	T8 B	103 (RHD)
I13	104 (RHD)	J25	104 (RHD)	V2	105 (RHD)
I14	104 (RHD)	J29	104 (RHD)	V3	105 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1F		
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B		
3C		
3D		
3E		
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E	86 (RHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5F	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G		
5I	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	116 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE1	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2		
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IK1	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK2		
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM1	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
IM2		
BE1	120 (RHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	120 (RHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

INTERIOR LIGHT (RHD)

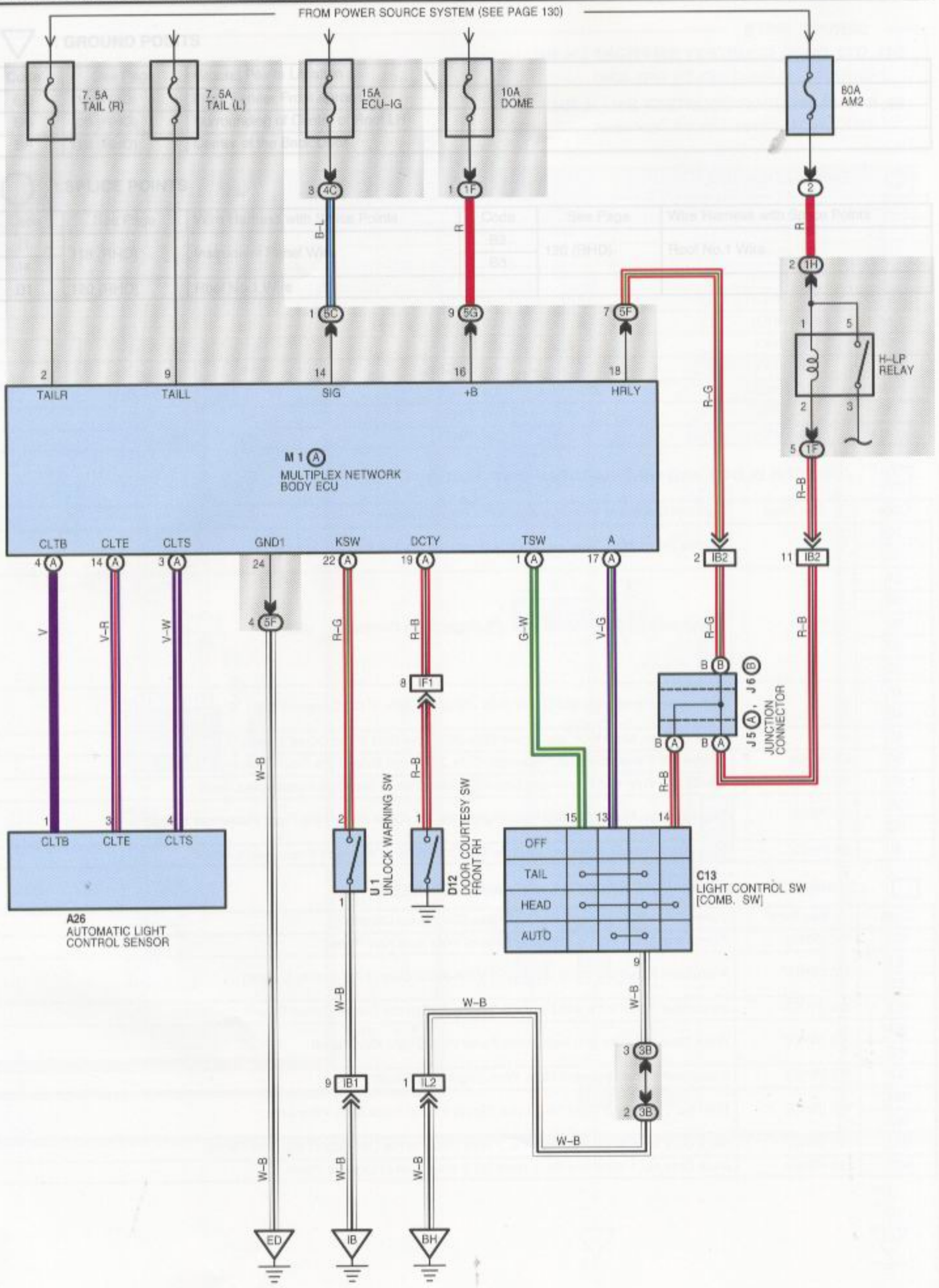
: GROUND POINTS

Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
BB	120 (RHD)	Surrounding of Center of Roof LH
BF	120 (RHD)	Center of the Back Door

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	118 (RHD)	Instrument Panel Wire	B2	120 (RHD)	Roof No.1 Wire
I4			B3		
B1	120 (RHD)	Roof No.1 Wire			

AUTOMATIC LIGHT CONTROL



SYSTEM OUTLINE

Automatic light control is designed for turning taillights and headlights on/off automatically according to the surroundings brightness when the light control SW is on AUTO position under the condition that the ignition SW is on.

AUTOMATIC LIGHT CONTROL OPERATION

When the surrounding darkens (Darker than the value set for taillight lightning), taillight is automatically turned on under the condition that the ignition SW is on with the light control SW being on AUTO position. When further darkens (Darker than the value set for headlight lightning), the headlight is automatically turned on.
In addition, if the brightness reaches the value set for turning the each light off, each light is turned off.

SERVICE HINTS

MULTIPLEX NETWORK BODY ECU

2, 9, 16–GROUND : Always approx. **12** volts
24–GROUND : Always continuity
14–GROUND : Approx. **12** volts with the ignition SW at **ON** position

C13 LIGHT CONTROL SW [COMB. SW]

15–9 : Closed with the light control SW at **TAIL** or **HEAD** position
13–9 : Closed with the light control SW at **AUTO** position

D12 DOOR COURTESY SW FRONT RH

1–GROUND : Continuity with the driver door open

○ : PARTS LOCATION

Code	See Page	Code		See Page	Code	See Page
A26	102 (RHD)	J5	A	103 (RHD)	U1	103 (RHD)
C13	102 (RHD)	J6	B	103 (RHD)		
D12	104 (RHD)	M1	A	103 (RHD)		

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1H	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5F	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G		

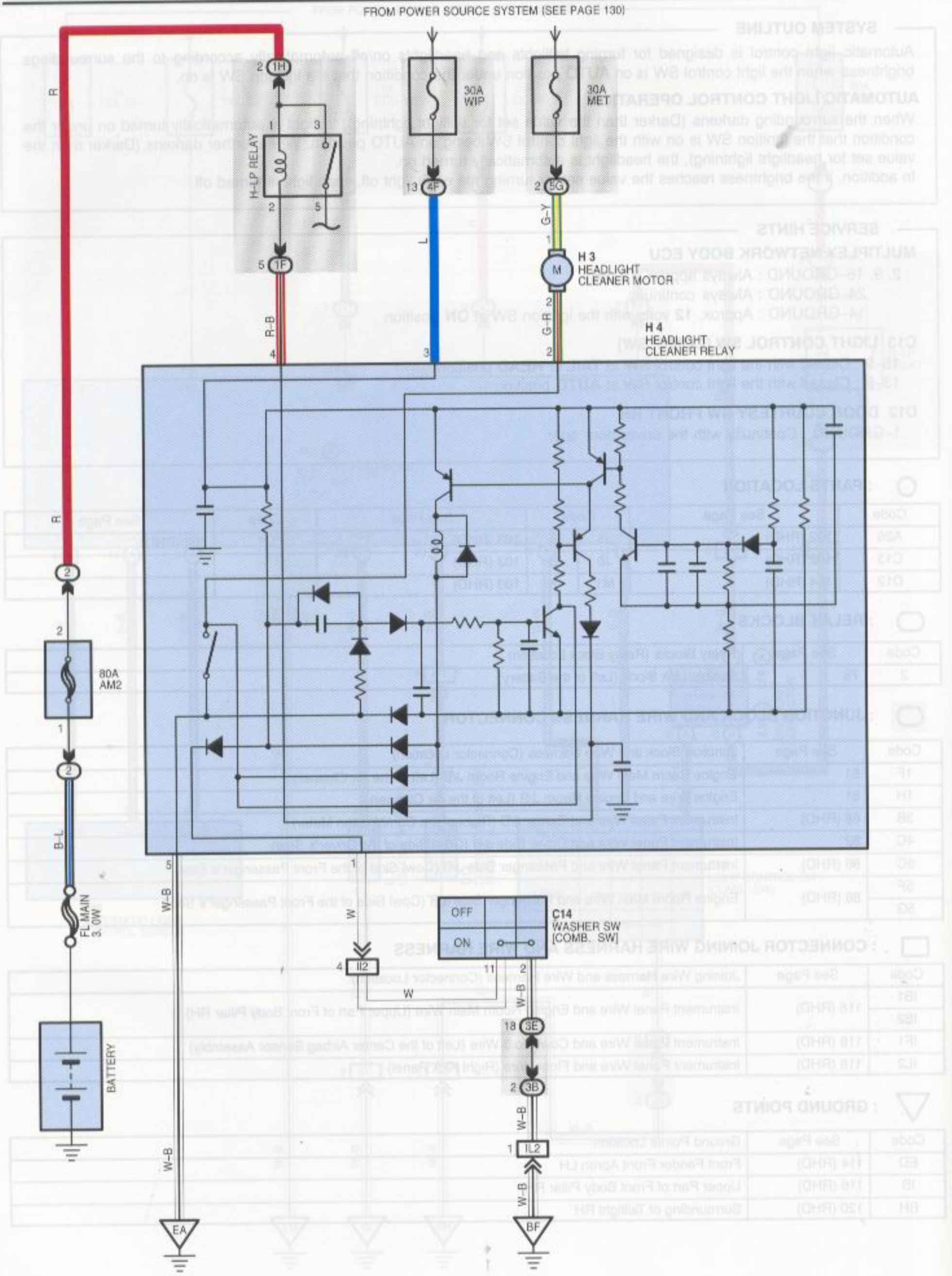
▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2		
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
IB	116 (RHD)	Upper Part of Front Body Pillar RH
BH	120 (RHD)	Surrounding of Taillight RH

HEADLIGHT CLEANER



SERVICE HINTS

H4 HEADLIGHT CLEANER RELAY

1-GROUND : Continuity with the washer SW on
2-GROUND : **12** to **0** volts for **0.5** sec. with the ignition SW on, light control SW at **HEAD** position and the washer SW on
3-GROUND : Approx. **12** volts with the ignition SW at **ON** position
4-GROUND : Approx. **12** volts with the light control SW at **HEAD** position
5-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C14	96 (LHD)	H3	94 (LHD)	H4	94 (LHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1H	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3E		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

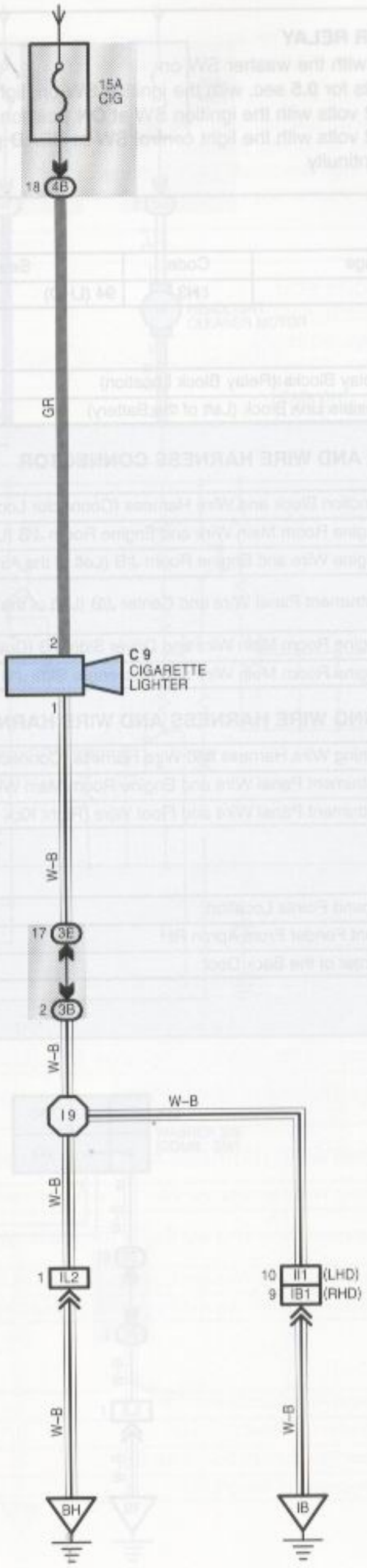
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II2	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
BF	112 (LHD)	Center of the Back Door



CIGARETTE LIGHTER



SERVICE HINTS

C9 CIGARETTE LIGHTER

2-GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
1-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C9	96 (LHD)	C9	102 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3E	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

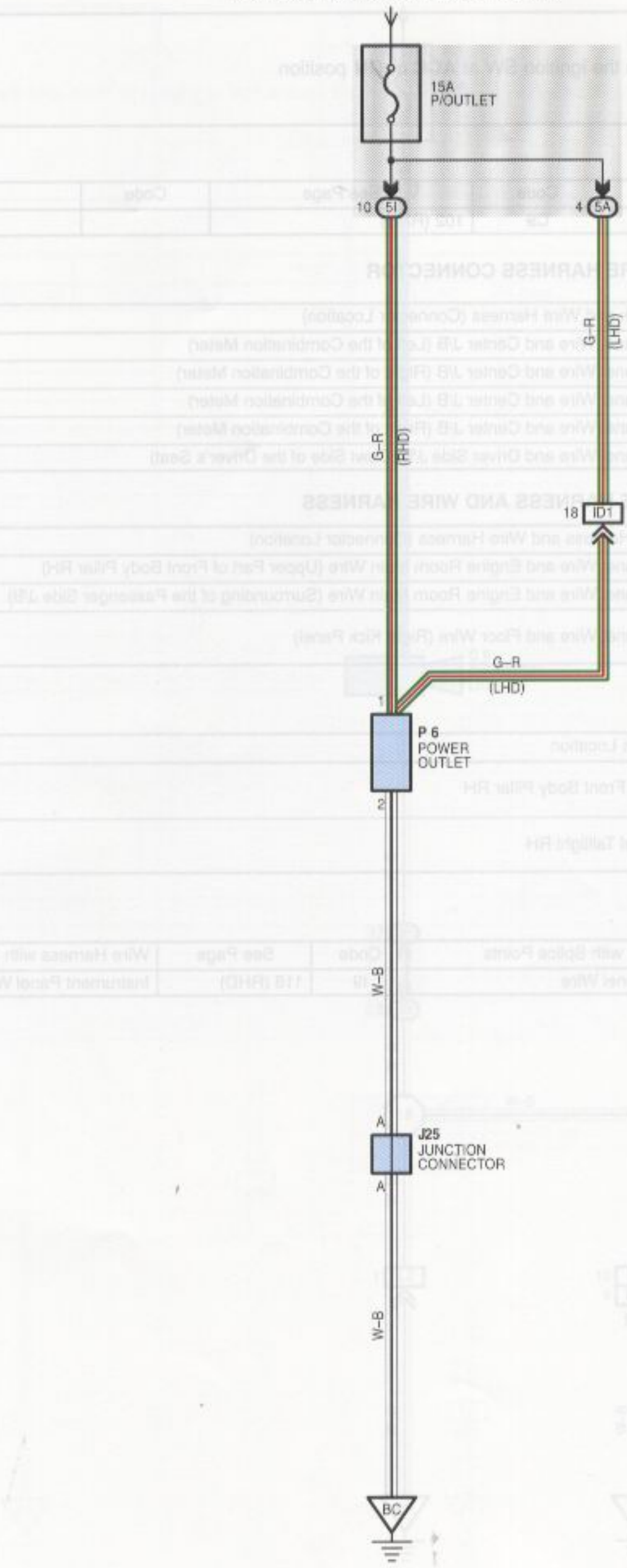
▽ : GROUND POINTS

Code	See Page	Ground Points Location
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

⯃ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	110 (LHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire

POWER OUTLET



SERVICE HINTS

P6 POWER OUTLET

1-GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
2-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
J25	98 (LHD)	P6	99 (LHD)		
	104 (RHD)		105 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

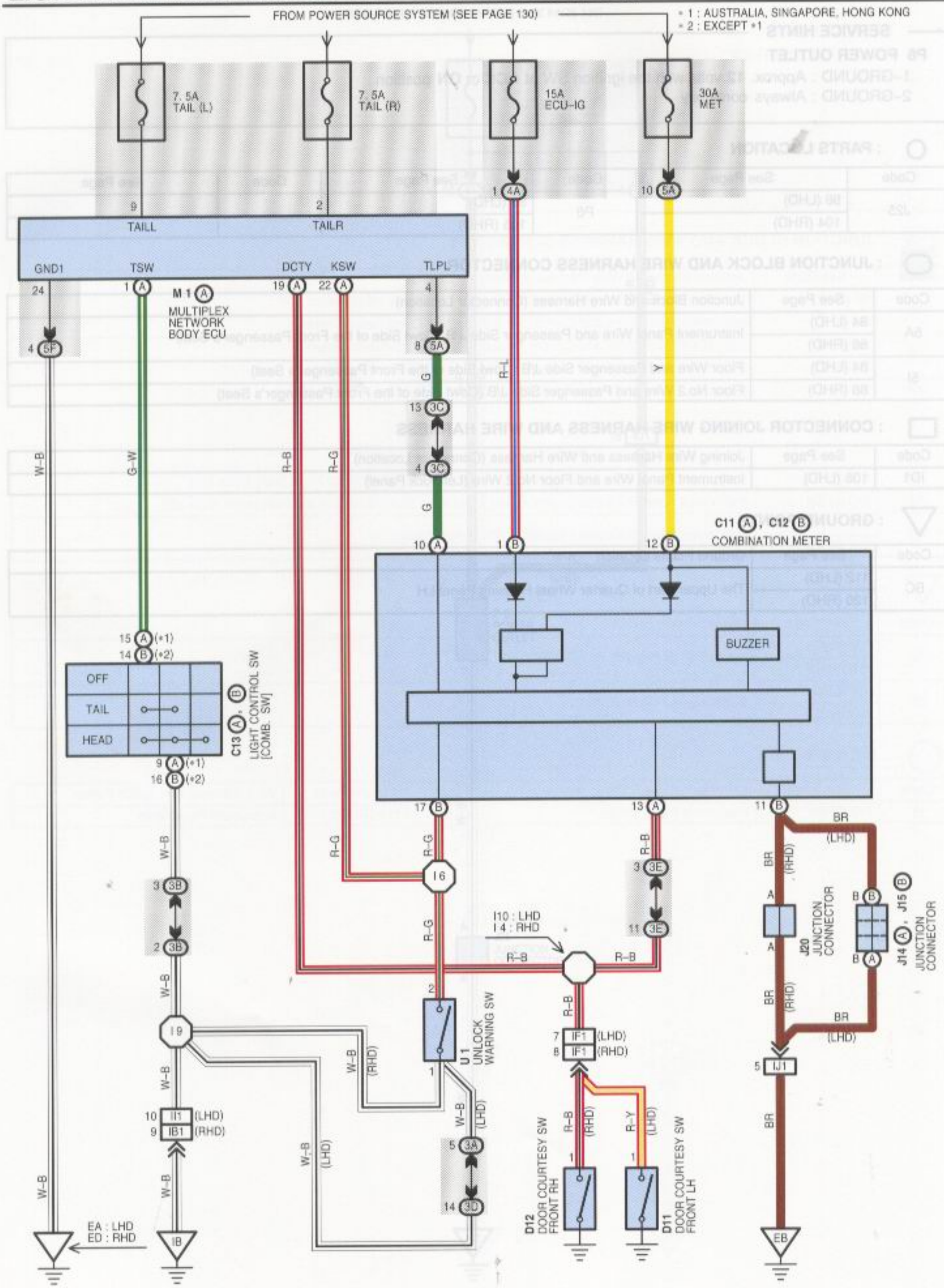
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
BC	112 (LHD)	The Upper Part of Quarter Wheel Housing Panel LH
	120 (RHD)	

LIGHT REMINDER AND KEY REMINDER BUZZER



SYSTEM OUTLINE

The current always flows from MET fuse to combination meter TERMINAL (B)12.

1. LIGHT REMINDER BUZZER SYSTEM

If you open the door of the driver's side when either headlight or taillight is on with ignition SW being off, the buzzer comes on.

2. KEY REMINDER BUZZER SYSTEM

If you open the door of the driver's side when the ignition key is inserted in ignition SW being off, the buzzer comes on.

SERVICE HINTS

M1 (A) MULTIPLEX NETWORK BODY ECU

2, 9–GROUND : Always approx. **12** volts
24–GROUND : Always continuity
(A)22–GROUND : Continuity with the ignition key in cylinder

D11 DOOR COURTESY SW FRONT LH (LHD)

1–GROUND : Closed with the driver's door open

D12 DOOR COURTESY SW FRONT RH (RHD)

1–GROUND : Closed with the driver's door open

C12 (B) COMBINATION METER

(B) 1–GROUND : Approx. **12** volts with the ignition SW at **ON** position
(B)12–GROUND : Always approx. **12** volts
(B)11–GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
C11	A	96 (LHD)	D11		98 (LHD)	J15	B	103 (RHD)
		102 (RHD)			104 (RHD)	J20		103 (RHD)
C12	B	96 (LHD)	D12		98 (LHD)	M1	A	97 (LHD)
		102 (RHD)			104 (RHD)			103 (RHD)
C13	A	102 (RHD)	J14	A	97 (LHD)	U1		97 (LHD)
	B	96 (LHD)			103 (RHD)			103 (RHD)
		102 (RHD)	J15	B	97 (LHD)			

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3E	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

LIGHT REMINDER AND KEY REMINDER BUZZER

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)

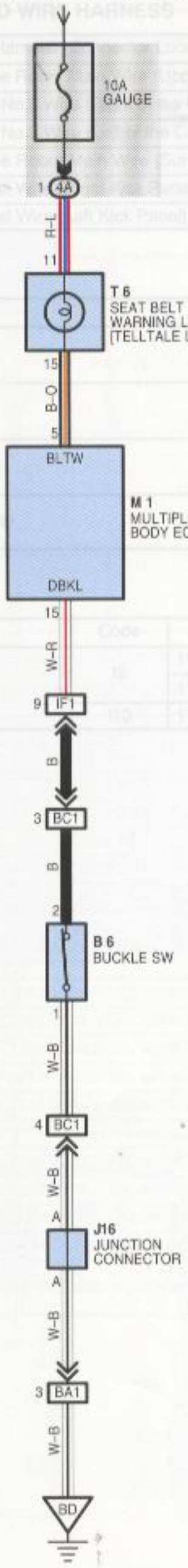
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
EB	106 (LHD)	Intake Side of Cylinder Block
	114 (RHD)	
ED	106 (LHD)	Front Fender Front Apron LH
	114 (RHD)	
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	

○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I4	118 (RHD)	Instrument Panel Wire	I9	110 (LHD)	Instrument Panel Wire
I6	110 (LHD)			118 (RHD)	
	118 (RHD)		I10	110 (LHD)	

SEAT BELT WARNING



SYSTEM OUTLINE

When the driver's seatbelt is not fastened with the ignition SW being on, the seat belt warning light comes on.

SERVICE HINTS

B6 BUCKLE SW

1-2 : Open with driver's seat belt in use

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B6	104 (RHD)	M1	103 (RHD)		
J16	103 (RHD)	T6	103 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
BA1	120 (RHD)	Frame Wire and Cowl No.3 Wire (Right Under the Front Passenger's Seat)
BC1	120 (RHD)	Seat Wire and Cowl No.3 Wire (Under the Driver's Seat)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
BD	120 (RHD)	Surrounding of the Front of the Fuel Tank



FRONT WIPER AND WASHER

* 1 : AUSTRALIA, SINGAPORE, HONG KONG
* 2 : EXCEPT *1

FROM POWER SOURCE SYSTEM (SEE PAGE 130)

W 1
WASHER MOTOR

30A
WIP

TO REAR WIPER AND
WASHER SW

J5 (A), J6 (B)
JUNCTION
CONNECTOR

C14 (A), (B)
FRONT WIPER AND
WASHER SW
[COMB. SW]

ON
MIST
OFF
INT
LOW
HIGH

F 9
FRONT WIPER
MOTOR

M

BH

EA

SYSTEM OUTLINE

When the ignition SW is on, the current is sent from WIP fuse to front wiper motor TERMINAL +B and washer motor TERMINAL B.

1. LOW SPEED OPERATION

When the front wiper SW is turned to the LOW position, the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +1, and from wiper motor TERMINAL +1 to TERMINAL E, GROUND. Then the front wiper motor is operated at a low speed.

2. HIGH SPEED OPERATION

When the front wiper SW is turned to the HIGH position, the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +2, and from wiper motor TERMINAL +2 to TERMINAL E, GROUND. Then the front wiper motor is operated at high speed.

3. INTERMITTENT OPERATION

When the front wiper SW is turned to the INT position, the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL EW, GROUND. This current operates the intermittent circuit an the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +1, and from front wiper motor TERMINAL +1 to TERMINAL E, GROUND to operate the wiper. The intermittent operation is controlled by the charge/discharge function of the condenser, which is built in the relay.

4. MIST OPERATION

When the front wiper SW is turned to the MIST position, the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +1, and from front wiper motor TERMINAL +1 to TERMINAL E, GROUND. Then the front wiper motor is operated at a low speed.

5. WASHER INTERLOCKING OPERATION

When the front wiper SW is turned to ON position, the current is sent from washer motor TERMINAL 2 to TERMINAL 1, and from front wiper and washer SW TERMINAL WF to TERMINAL EW, GROUND. Then washer motor is operated and window washer jet out water.

The current simultaneously is sent from WIP fuse, front wiper and washer SW TERMINAL +B to TERMINAL +1, and from front wiper motor TERMINAL +1 to TERMINAL E, GROUND to operate the wiper at a low speed.

SERVICE HINTS

C14 (A), (B) FRONT WIPER AND WASHER SW [COMB. SW]

(A) 2, (B) 8–GROUND : Always continuity
(A) 17, (B) 11–GROUND : Approx. **12** volts with the ignition SW at **ON** position
(A) 7, (B) 2–GROUND : Approx. **12** volts with the front wiper and washer at **LOW** position
: Approx. **12** volts **1.5** to **10.7** seconds intermittently with the front wiper and washer SW at **INT** position
(A) 16, (B) 12–GROUND : Approx. **12** volts with the ignition SW on unless the front wiper motor at **STOP** position
(A) 8, (B) 2–GROUND : Approx. **12** volts with the front wiper and washer SW at **HIGH** position

F9 FRONT WIPER MOTOR

2–3 : Closed unless the front wiper motor at **STOP** position

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
C14	A	102 (RHD)	F9		100 (RHD)	J6	B	103 (RHD)
	B	96 (LHD)	J5	A	97 (LHD)	W1		95 (LHD)
		102 (RHD)			103 (RHD)			101 (RHD)
F9		94 (LHD)	J6	B	97 (LHD)			

FRONT WIPER AND WASHER

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3E	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
II2	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

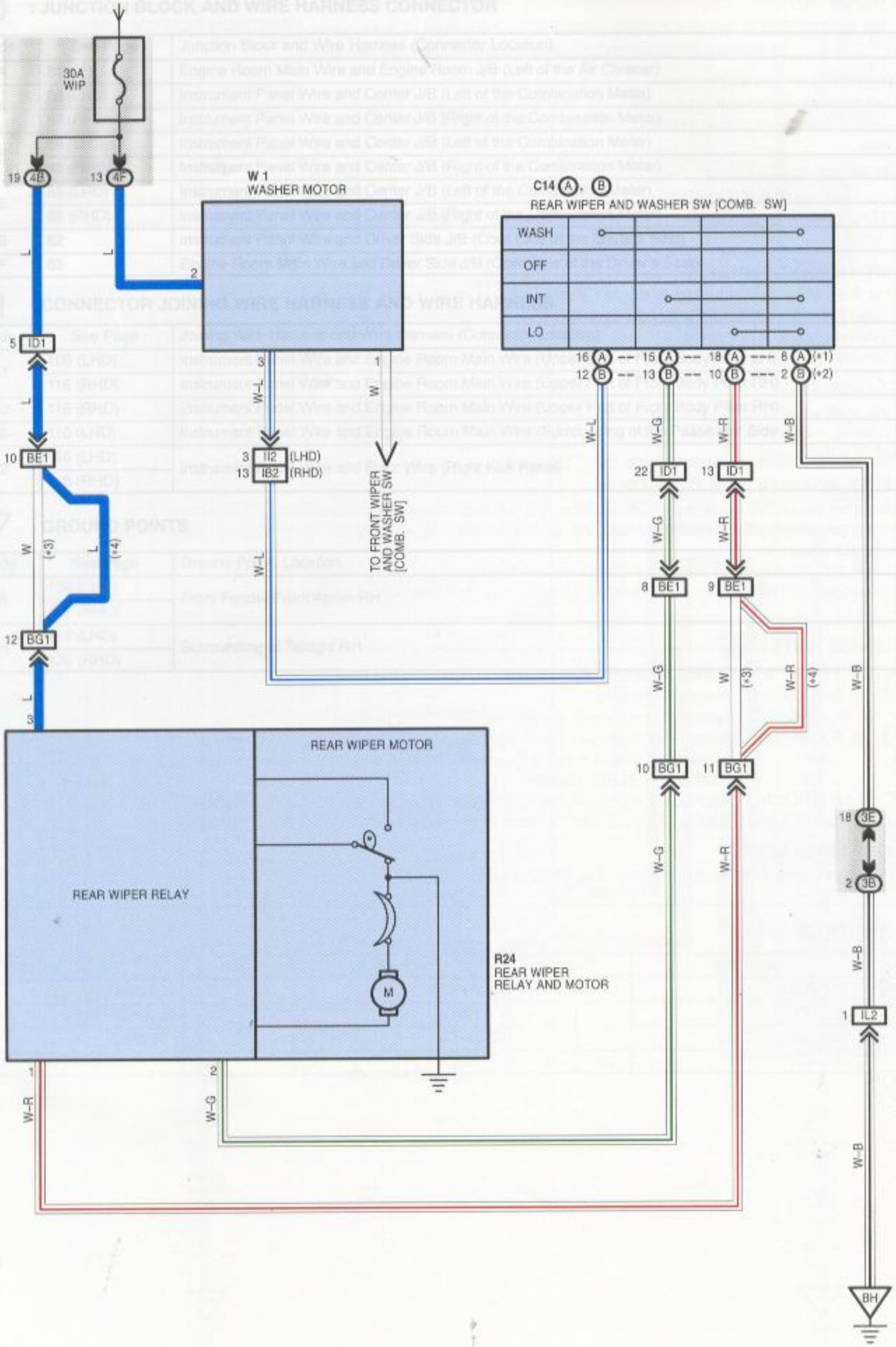
: GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

REAR WIPER AND WASHER

*1 : AUSTRALIA, SINGAPORE, HONG KONG
*2 : EXCEPT *1
*3 : U. K.
*4 : EXCEPT U. K.

FROM POWER SOURCE SYSTEM (SEE PAGE 130)



SYSTEM OUTLINE

When ignition SW is turned on, the current is sent from WIP fuse to rear wiper relay and motor TERMINAL 3, then to washer motor TERMINAL 2.

1. REAR WIPER NORMAL OPERATION

When rear wiper SW is turned to LO position, the current is sent from rear wiper relay and motor TERMINAL 3 to TERMINAL 1. Then it flows from rear wiper and washer SW TERMINAL (A) 10 (Except Australia) or TERMINAL (B) 18 (Australia) to TERMINAL (A) 2 (Except Australia) or TERMINAL (B) 8 (Australia). The current is sent to GROUND to operate rear wiper relay and motor.

2. REAR WIPER INTERMITTENT OPERATION

When rear wiper SW is turned to INT position, the current is sent from rear wiper relay and motor TERMINAL 3 to TERMINAL 2. Then it flows from rear wiper and washer SW TERMINAL (A) 13 (Except Australia) or TERMINAL (B) 15 (Australia) to TERMINAL (A) 2 (Except Australia) or TERMINAL (B) 8 (Australia). The current is then sent to GROUND and the intermittent circuit works to operate wipers. The intermittent operation is controlled by the charge/discharge function of the condenser that is built in the relay.

3. WASHER OPERATION

When rear washer SW is turned to ON position, the current is sent from washer motor TERMINAL 2 to TERMINAL 3 and from rear wiper and washer SW TERMINAL (A) 12 (Except Australia) or TERMINAL (B) 16 (Australia) to TERMINAL (A) 2 (Except Australia) or TERMINAL (B) 8 (Australia). Then the current flows to GROUND to operate the washer motor and the window washer jets water out.

SERVICE HINTS

W1 WASHER MOTOR

2-GROUND : Approx. **12** volts with ignition SW at **ON** position
3-GROUND : Continuity with washer SW turned on

R24 REAR WIPER RELAY AND MOTOR

3-GROUND : Approx. **12** volts with ignition SW at **ON** position
2-GROUND : Continuity with rear wiper SW at **INT** position
1-GROUND : Continuity with rear wiper SW at **ON** position

○ : PARTS LOCATION

Code		See Page	Code	See Page	Code	See Page
C14	A	102 (RHD)	R24	99 (LHD)	W1	101 (RHD)
	B	96 (LHD)		105 (RHD)		
		102 (RHD)	W1	95 (LHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3E	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

REAR WIPER AND WASHER

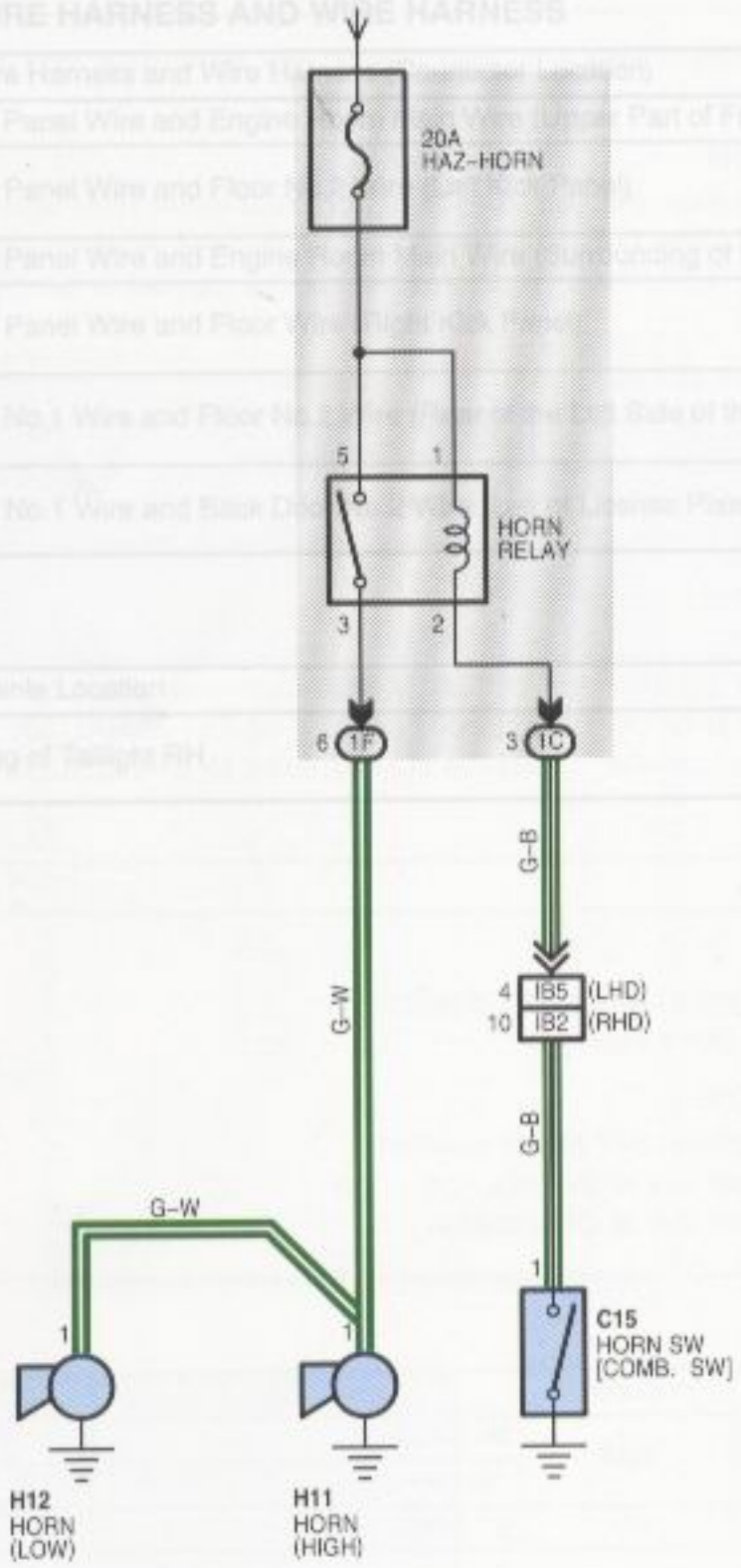
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB2	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
ID1	108 (LHD) 116 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
II2	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IL2	110 (LHD) 118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BE1	112 (LHD) 120 (RHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	112 (LHD) 120 (RHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
BH	112 (LHD) 120 (RHD)	Surrounding of Taillight RH

HORN


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
20A
HAZ-HORN
5
1
HORN
RELAY
3
2
6
1F
3
1C
G-B
G-W
4
IB5
(LHD)
10
IB2
(RHD)
G-B
G-W
1
1
1
C15
HORN SW
[COMB. SW]
H12
HORN
(LOW)
H11
HORN
(HIGH)

SERVICE HINTS

HORN RELAY

3-5 : Closed horn SW on

○ : PARTS LOCATION

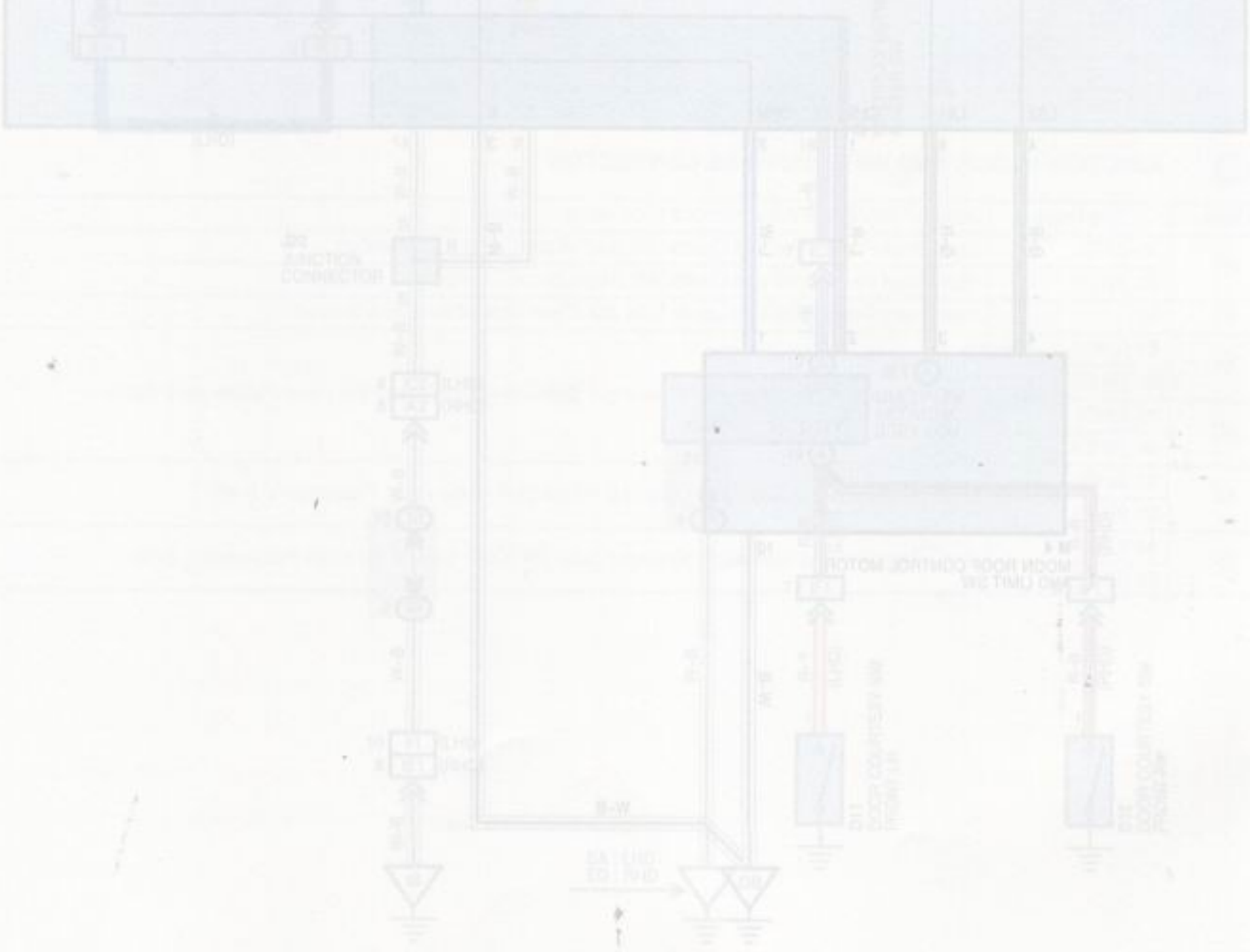
Code	See Page	Code	See Page	Code	See Page
C15	96 (LHD)	H11	94 (LHD)	H12	94 (LHD)
	102 (RHD)		100 (RHD)		100 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

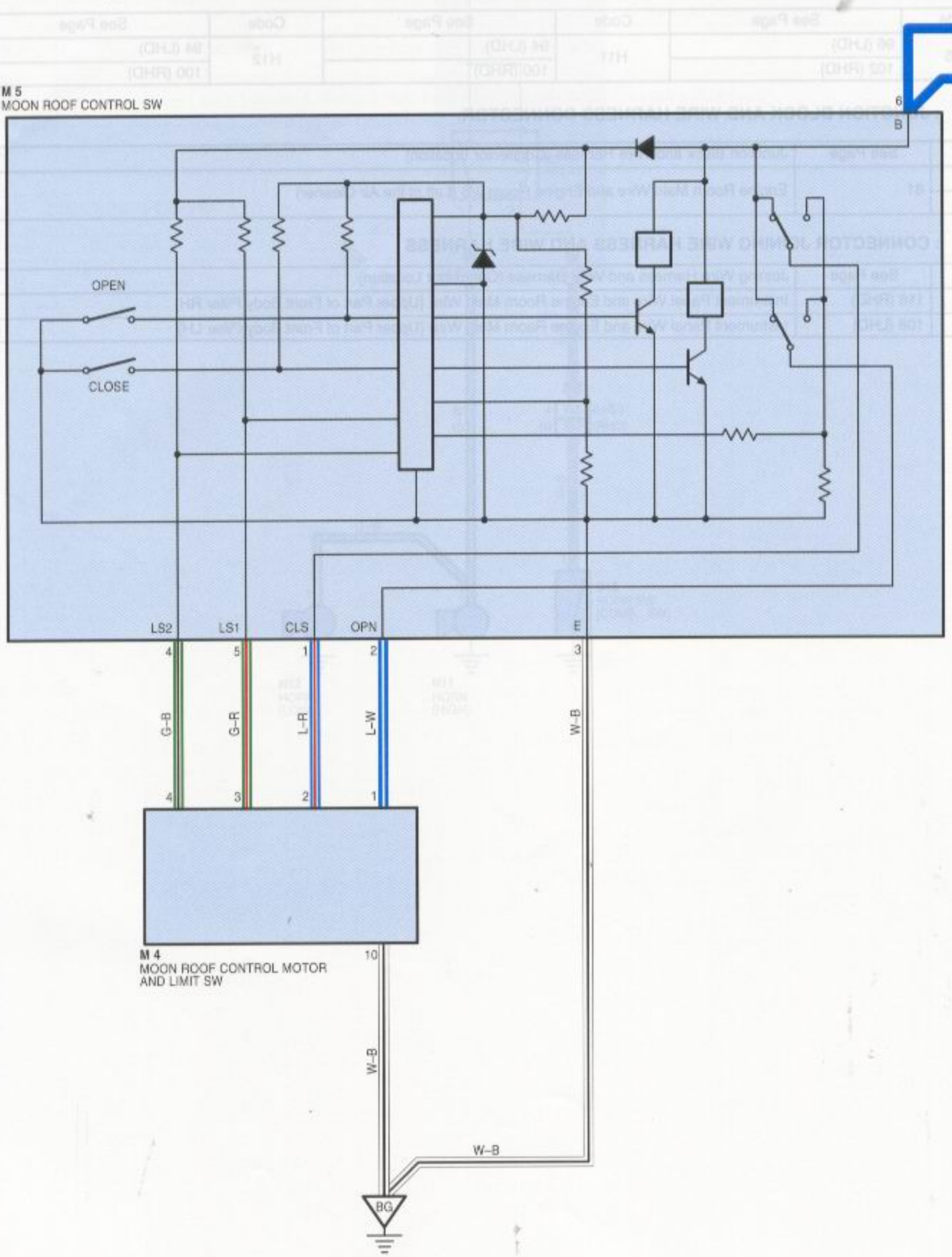
Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1F		

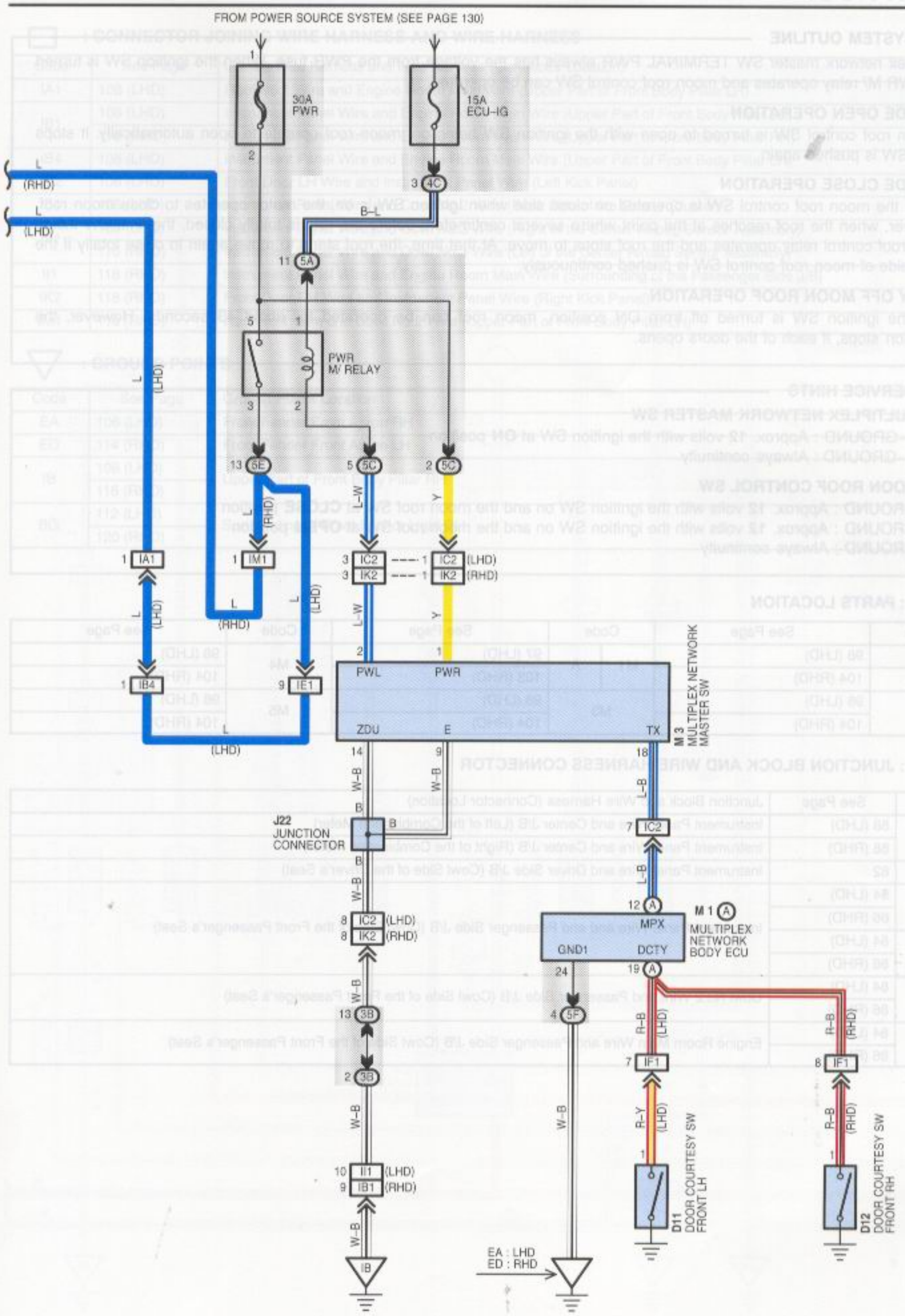
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB2	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB5	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)



MOON ROOF


M 5
MOON ROOF CONTROL SW
OPEN
CLOSE
LS2
LS1
CLS
OPN
E
4
5
1
2
3
G–B
G–R
L–R
L–W
W–B
4
3
2
1
M 4
MOON ROOF CONTROL MOTOR
AND LIMIT SW
10
W–B
W–B
BG
6
B
L
(RHD)
L
(LHD)


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
30A PWR
15A ECU-IG
B-L
PWR M/ RELAY
L (RHD)
L (LHD)
L-W
Y
PWL
PWR
ZDU
E
TX
M 3 MULTIPLEX NETWORK MASTER SW
W-B
L-B
J22 JUNCTION CONNECTOR
IC2 (LHD)
IK2 (RHD)
II1 (LHD)
IB1 (RHD)
IB
M 1 MULTIPLEX NETWORK BODY ECU
MPX
GND1
DCTY
R-B (LHD)
R-B (RHD)
R-Y (LHD)
R-B (RHD)
D11 DOOR COURTESY SW FRONT LH
D12 DOOR COURTESY SW FRONT RH
EA : LHD
ED : RHD

MOON ROOF

SYSTEM OUTLINE

Multiplex network master SW TERMINAL PWR always has the voltage from the PWR fuse. When the ignition SW is turned on, PWR M/ relay operates and moon roof control SW can be operated.

1. SLIDE OPEN OPERATION

If moon roof control SW is turned to open with the ignition SW being on, moon roof operate to open automatically. It stops when SW is pushed again.

2. SLIDE CLOSE OPERATION

During the moon roof control SW is operated on close side when ignition SW is on, the motor operates to close moon roof. However, when the roof reaches at the point where several centimeters before the roof is totally closed, the limit SW inside moon roof control relay operates and the roof stops to move. At that time, the roof starts to move again to close totally if the close side of moon roof control SW is pushed continuously.

3. KEY OFF MOON ROOF OPERATION

After the ignition SW is turned off from ON position, moon roof can be operated for about 43 seconds. However, the operation stops, if each of the doors opens.

SERVICE HINTS

M3 MULTIPLEX NETWORK MASTER SW

1-GROUND : Approx. **12** volts with the ignition SW at **ON** position
9, 14-GROUND : Always continuity

M5 MOON ROOF CONTROL SW

1-GROUND : Approx. **12** volts with the ignition SW on and the moon roof SW at **CLOSE** position
2-GROUND : Approx. **12** volts with the ignition SW on and the moon roof SW at **OPEN** position
3-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code		See Page	Code	See Page
D11	98 (LHD)	M1	A	97 (LHD)	M4	98 (LHD)
D12	104 (RHD)			103 (RHD)		104 (RHD)
J22	98 (LHD)	M3		98 (LHD)	M5	98 (LHD)
	104 (RHD)			104 (RHD)		104 (RHD)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5C	84 (LHD)	
	86 (RHD)	
5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

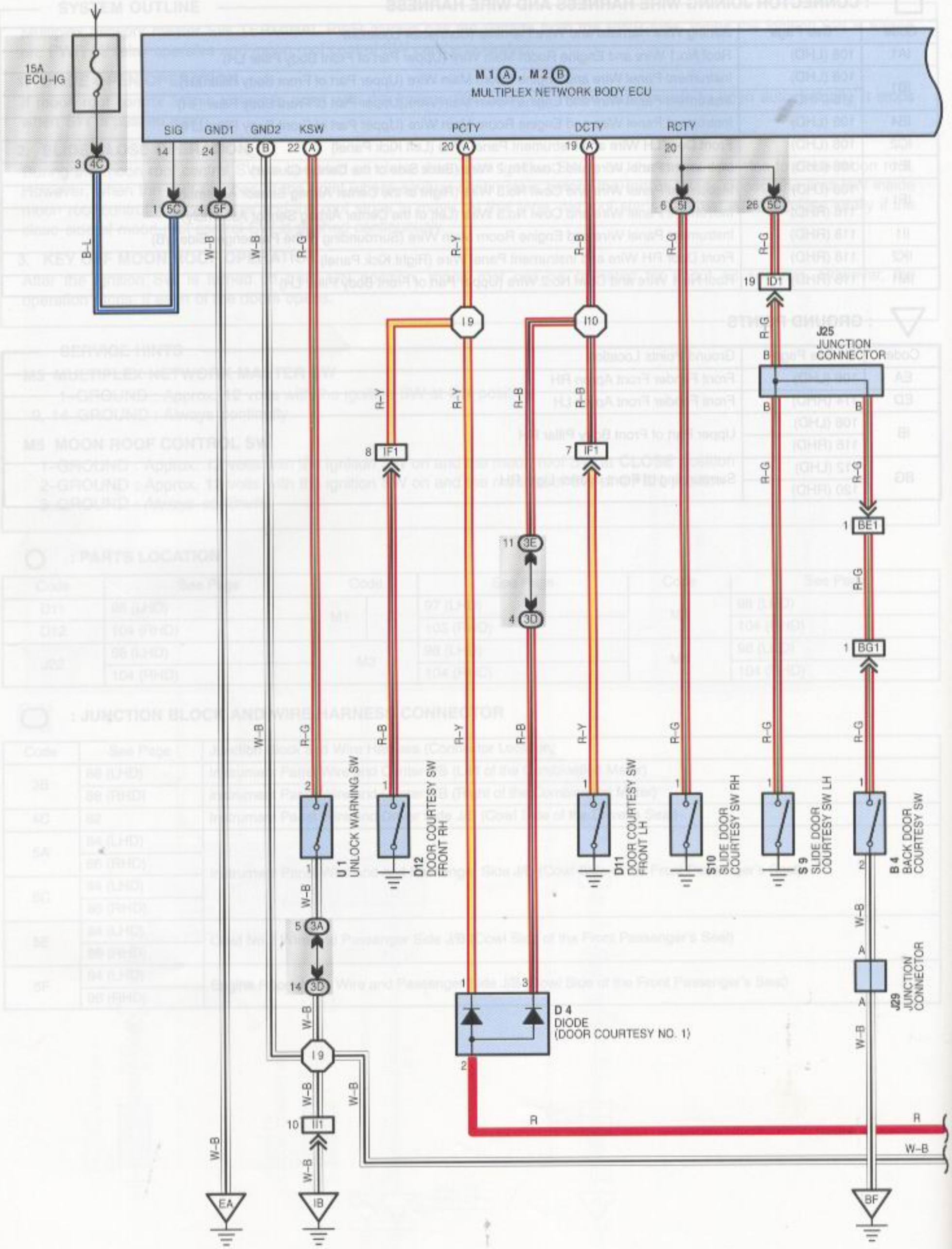
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	108 (LHD)	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB4	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IK2	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM1	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)

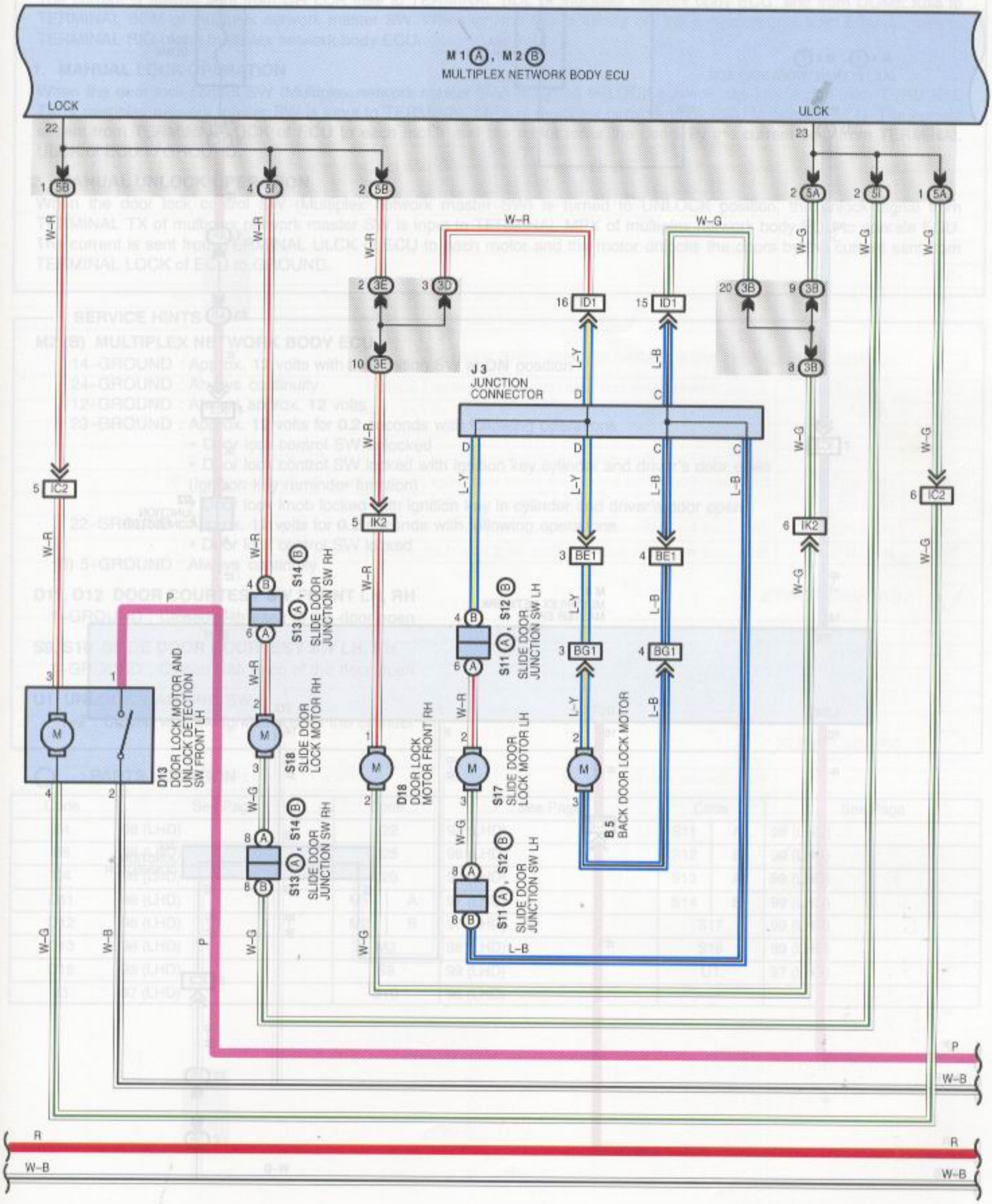
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
ED	114 (RHD)	Front Fender Front Apron LH
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	
BG	112 (LHD)	Surrounding of Front Interior Light RH
	120 (RHD)	

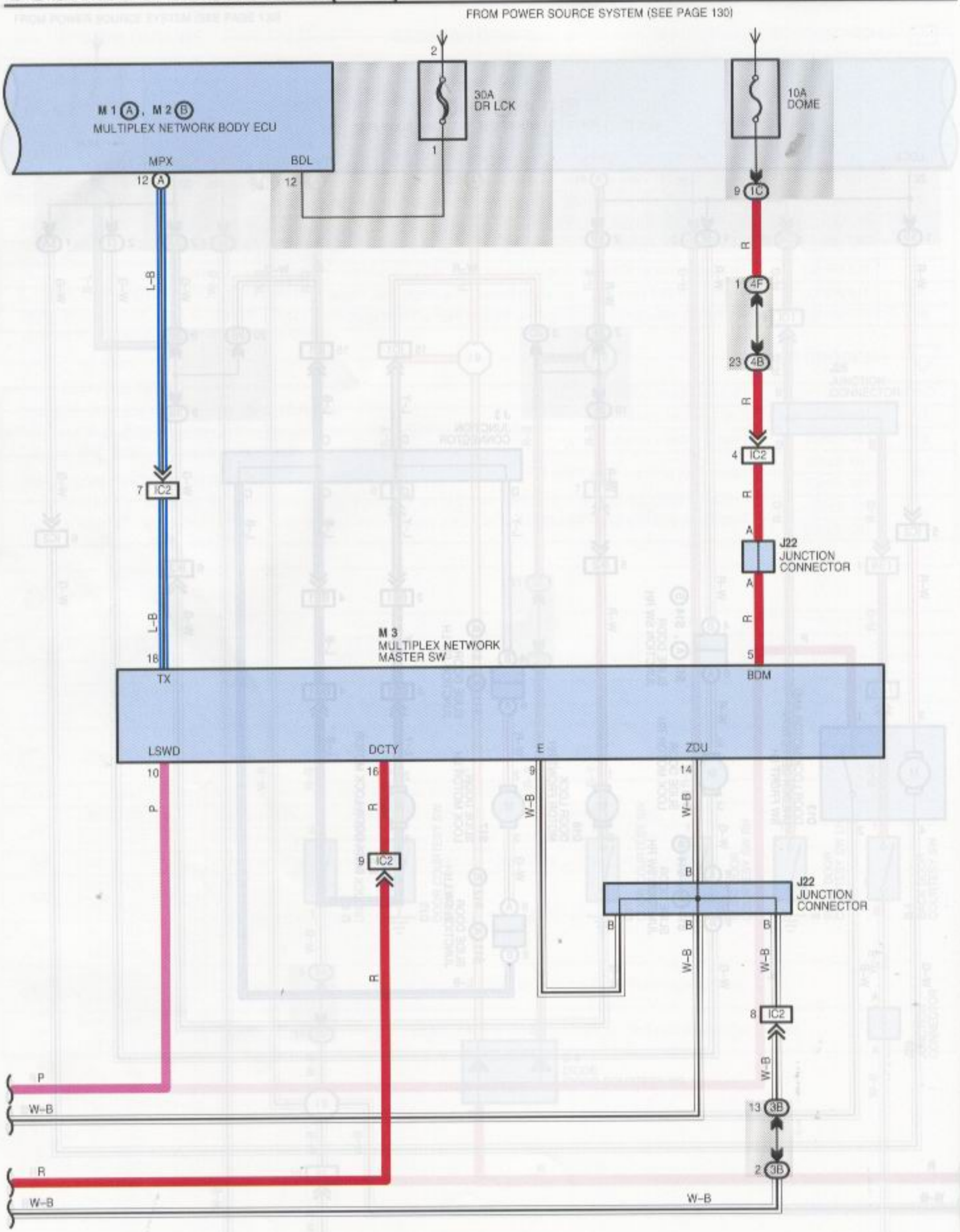
DOOR LOCK CONTROL (LHD)

FROM POWER SOURCE SYSTEM (SEE PAGE 130)




M1 A, M2 B
MULTIPLEX NETWORK BODY ECU
LOCK
ULCK
22
23
1 5B
4 5E
2 5B
2 5A
2 5I
1 5A
W-R
W-G
2 3E
3 3D
16 ID1
15 ID1
20 3B
9 3B
8 3B
10 3E
J3
JUNCTION CONNECTOR
L-Y
L-B
D
C
5 IC2
5 IK2
6 IK2
6 IC2
3 BE1
4 BE1
3 BG1
4 BG1
W-B
P
R
S14 B
S13 A, S14 B
SLIDE DOOR JUNCTION SW RH
S18
SLIDE DOOR LOCK MOTOR RH
S13 A, S12 B
SLIDE DOOR JUNCTION SW LH
S17
SLIDE DOOR LOCK MOTOR LH
S11 A, S12 B
SLIDE DOOR JUNCTION SW LH
D13
DOOR LOCK MOTOR AND UNLOCK DETECTION SW FRONT LH
D18
DOOR LOCK MOTOR FRONT RH
B5
BACK DOOR LOCK MOTOR

DOOR LOCK CONTROL (LHD)



SYSTEM OUTLINE

The current is always sent from DR LCK fuse to TERMINAL BDL of multiplex network body ECU, and from DOME fuse to TERMINAL BDM of multiplex network master SW. When ignition SW is turned on, the current is sent from ECU-IG fuse to TERMINAL SIG of the multiplex network body ECU.

1. MANUAL LOCK OPERATION

When the door lock control SW (Multiplex network master SW) is turned to LOCK position, the lock signal from TERMINAL TX of multiplex network master SW is input to TERMINAL MPX of multiplex network body ECU to operate ECU. The current is sent from TERMINAL LOCK of ECU to each motor and the motor locks the doors by the current sent from TERMINAL ULCK of ECU to GROUND.

2. MANUAL UNLOCK OPERATION

When the door lock control SW (Multiplex network master SW) is turned to UNLOCK position, the unlock signal from TERMINAL TX of multiplex network master SW is input to TERMINAL MPX of multiplex network body ECU to operate ECU. The current is sent from TERMINAL ULCK of ECU to each motor and the motor unlocks the doors by the current sent from TERMINAL LOCK of ECU to GROUND.

SERVICE HINTS

M2 (B) MULTIPLEX NETWORK BODY ECU

14-GROUND : Approx. **12** volts with the ignition SW at **ON** position
24-GROUND : Always continuity
12-GROUND : Always approx. **12** volts
23-GROUND : Approx. **12** volts for **0.2** seconds with following operations
* Door lock control SW unlocked
* Door lock control SW locked with ignition key cylinder and driver's door open (Ignition key reminder function)
* Door lock knob locked with ignition key in cylinder and driver's door open

22-GROUND : Approx. **12** volts for **0.2** seconds with following operations
* Door lock control SW locked

(B) 5-GROUND : Always continuity

D11, D12 DOOR COURTESY SW FRONT LH, RH

1-GROUND : Closed with each of the door open

S9, S10 SLIDE DOOR COURTESY SW LH, RH

1-GROUND : Closed with each of the door open

U1 UNLOCK WARNING SW

1-2 : Closed with the ignition key in the cylinder

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B4	98 (LHD)	J22	98 (LHD)	S11 A	99 (LHD)
B5	98 (LHD)	J25	98 (LHD)	S12 B	99 (LHD)
D4	96 (LHD)	J29	98 (LHD)	S13 A	99 (LHD)
D11	98 (LHD)	M1 A	97 (LHD)	S14 B	99 (LHD)
D12	98 (LHD)	M2 B	97 (LHD)	S17	99 (LHD)
D13	98 (LHD)	M3	98 (LHD)	S18	99 (LHD)
D18	98 (LHD)	S9	99 (LHD)	U1	97 (LHD)
J3	97 (LHD)	S10	99 (LHD)		

DOOR LOCK CONTROL (LHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B		
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5B		
5C		
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

: GROUND POINTS

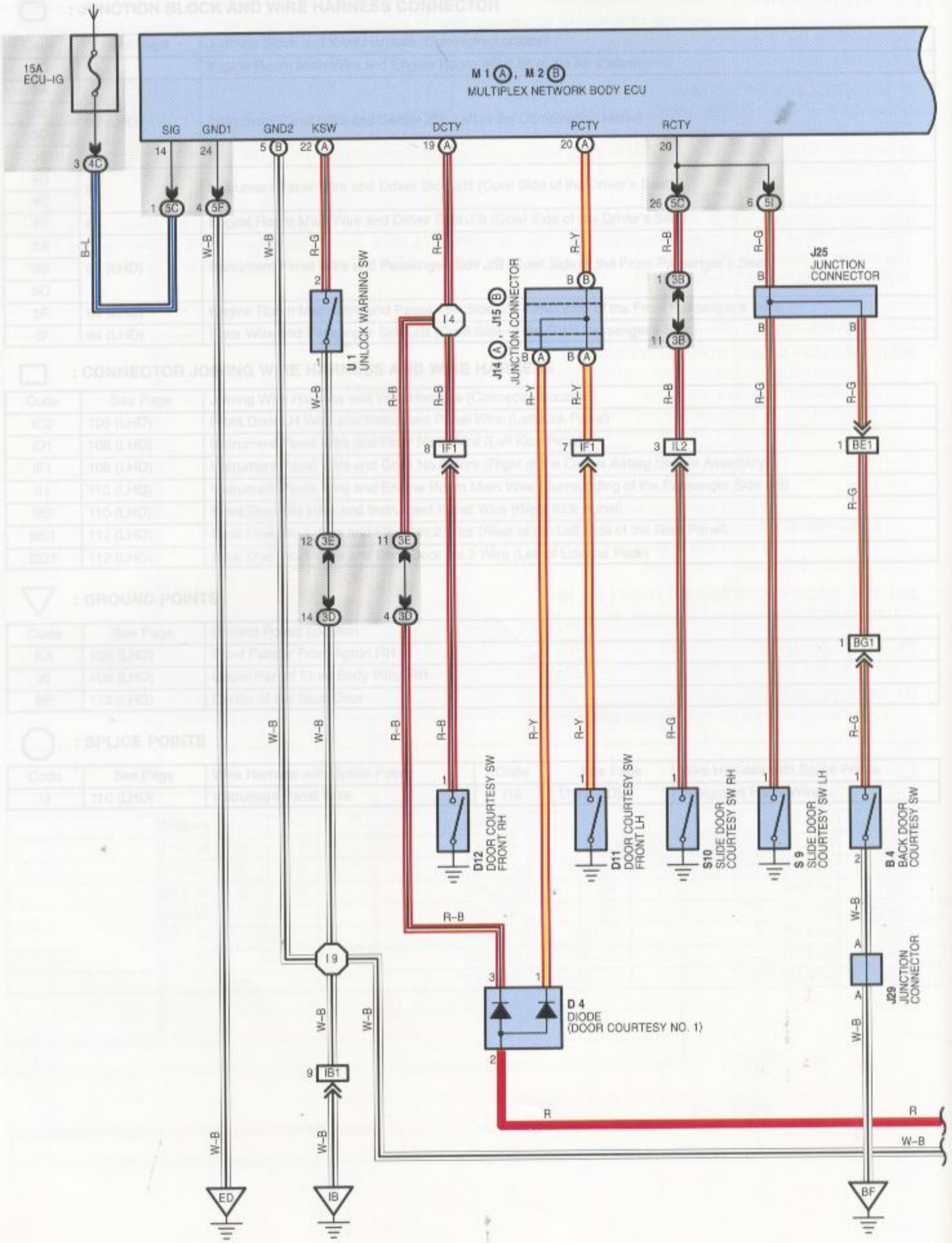
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
IB	108 (LHD)	Upper Part of Front Body Pillar RH
BF	112 (LHD)	Center of the Back Door

: SPLICE POINTS

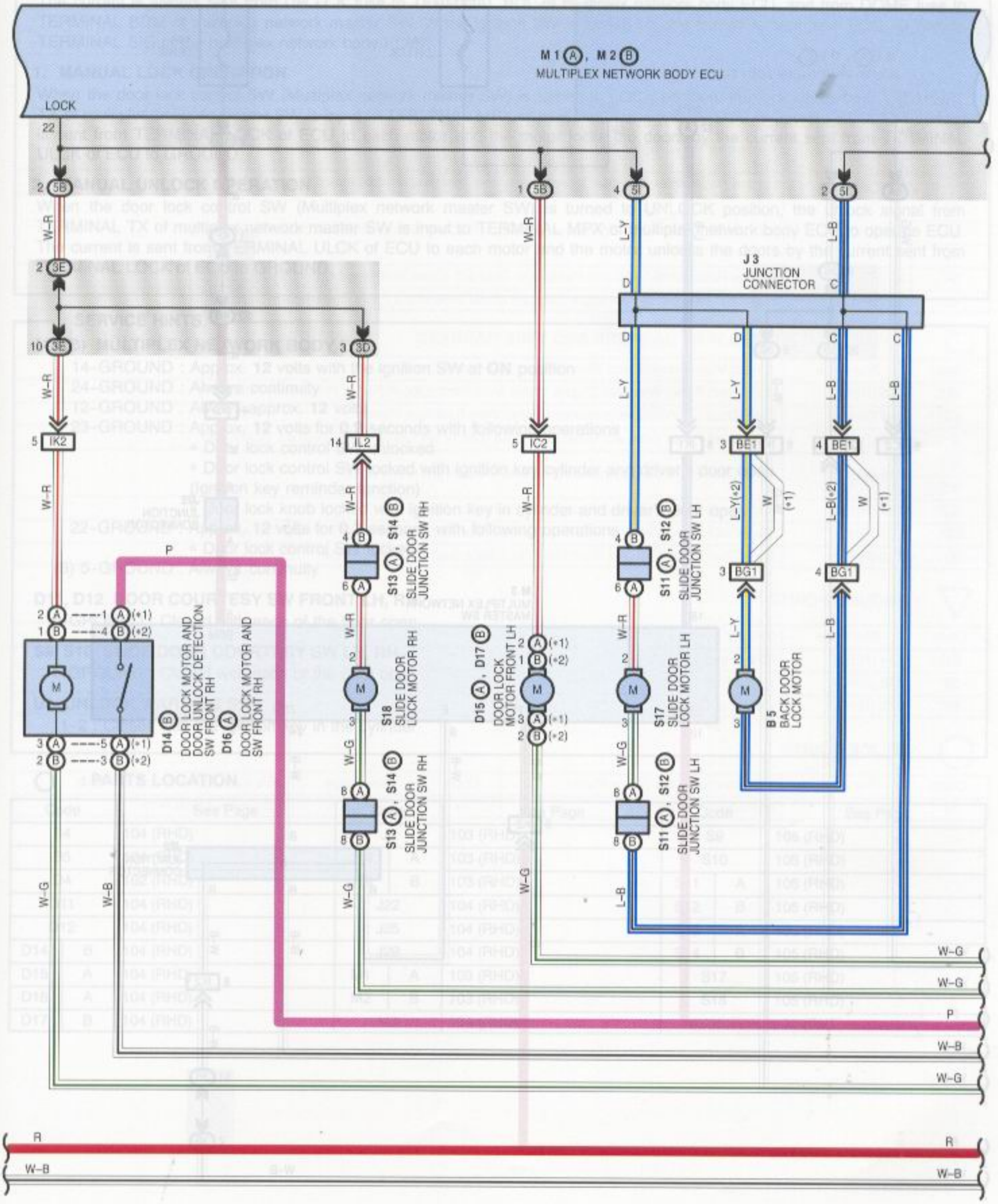
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	110 (LHD)	Instrument Panel Wire	I10	110 (LHD)	Instrument Panel Wire

DOOR LOCK CONTROL (RHD)

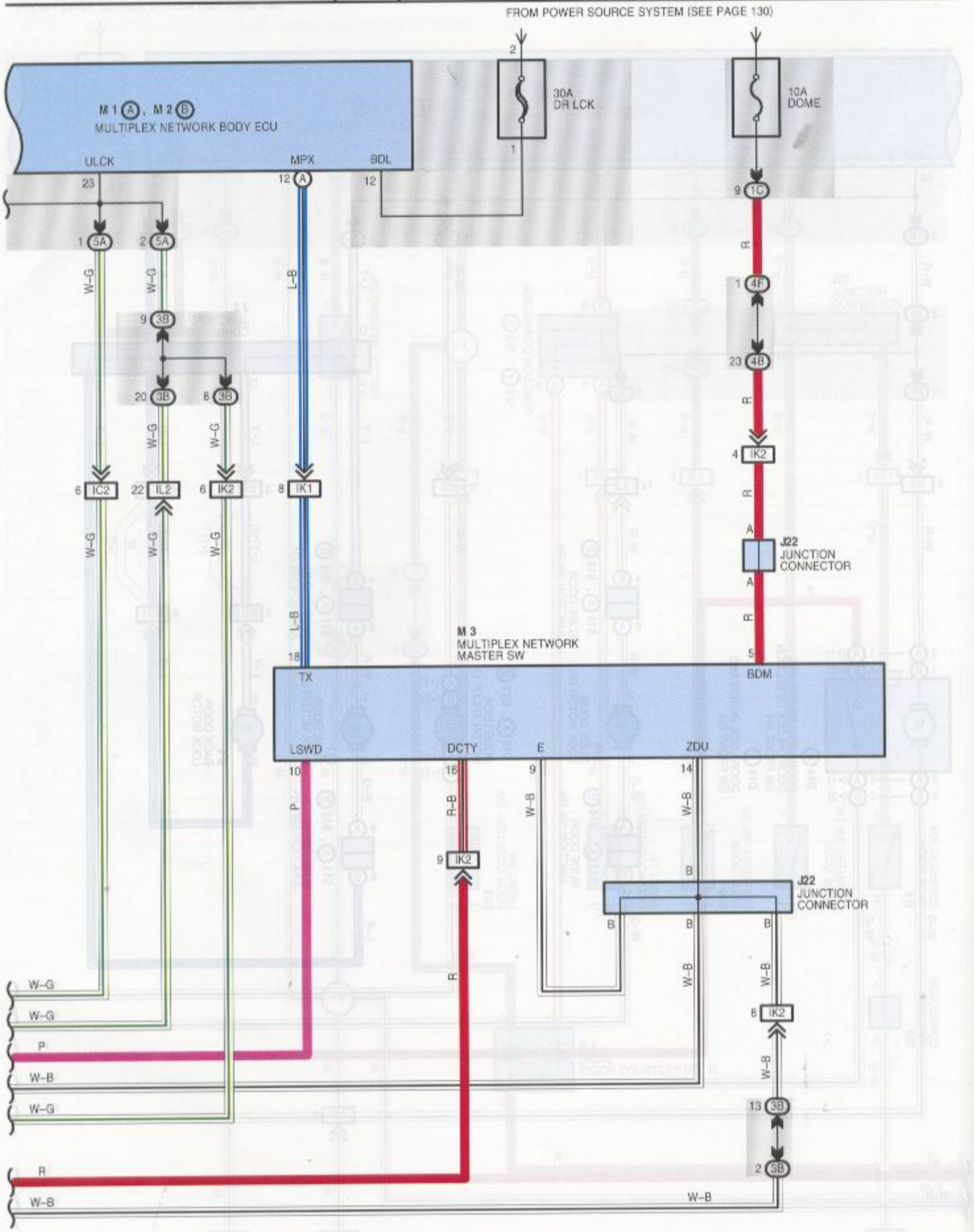
FROM POWER SOURCE SYSTEM (SEE PAGE 130)



*1 : U. K.
*2 : EXCEPT U. K.



DOOR LOCK CONTROL (RHD)



SYSTEM OUTLINE

The current is always sent from DR LCK fuse to TERMINAL BDL of multiplex network body ECU, and from DOME fuse to TERMINAL BDM of multiplex network master SW. When ignition SW is turned on, the current is sent from ECU-IG fuse to TERMINAL SIG of the multiplex network body ECU.

1. MANUAL LOCK OPERATION

When the door lock control SW (Multiplex network master SW) is turned to LOCK position, the lock signal from TERMINAL TX of multiplex network master SW is input to TERMINAL MPX of multiplex network body ECU to operate ECU. The current is sent from TERMINAL LOCK of ECU to each motor and the motor locks the doors by the current sent from TERMINAL ULCK of ECU to GROUND.

2. MANUAL UNLOCK OPERATION

When the door lock control SW (Multiplex network master SW) is turned to UNLOCK position, the unlock signal from TERMINAL TX of multiplex network master SW is input to TERMINAL MPX of multiplex network body ECU to operate ECU. The current is sent from TERMINAL ULCK of ECU to each motor and the motor unlocks the doors by the current sent from TERMINAL LOCK of ECU to GROUND.

SERVICE HINTS

M2 (B) MULTIPLEX NETWORK BODY ECU

14-GROUND : Approx. **12** volts with the ignition SW at **ON** position
24-GROUND : Always continuity
12-GROUND : Always approx. **12** volts
23-GROUND : Approx. **12** volts for **0.2** seconds with following operations
* Door lock control SW unlocked
* Door lock control SW locked with ignition key cylinder and driver's door open (Ignition key reminder function)
* Door lock knob locked with ignition key in cylinder and driver's door open

22-GROUND : Approx. **12** volts for **0.2** seconds with following operations
* Door lock control SW locked

(B) 5-GROUND : Always continuity

D11, D12 DOOR COURTESY SW FRONT LH, RH

1-GROUND : Closed with each of the door open

S9, S10 SLIDE DOOR COURTESY SW LH, RH

1-GROUND : Closed with each of the door open

U1 UNLOCK WARNING SW

1-2 : Closed with the ignition key in the cylinder

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
B4		104 (RHD)	J3		103 (RHD)	S9		105 (RHD)
B5		104 (RHD)	J14	A	103 (RHD)	S10		105 (RHD)
D4		102 (RHD)	J15	B	103 (RHD)	S11	A	105 (RHD)
D11		104 (RHD)	J22		104 (RHD)	S12	B	105 (RHD)
D12		104 (RHD)	J25		104 (RHD)	S13	A	105 (RHD)
D14	B	104 (RHD)	J29		104 (RHD)	S14	B	105 (RHD)
D15	A	104 (RHD)	M1	A	103 (RHD)	S17		105 (RHD)
D16	A	104 (RHD)	M2	B	103 (RHD)	S18		105 (RHD)
D17	B	104 (RHD)	M3		104 (RHD)	U1		103 (RHD)

DOOR LOCK CONTROL (RHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5B		
5C		
5F	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5I	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IC2	116 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IK1	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK2		
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BE1	120 (RHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	120 (RHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

: GROUND POINTS

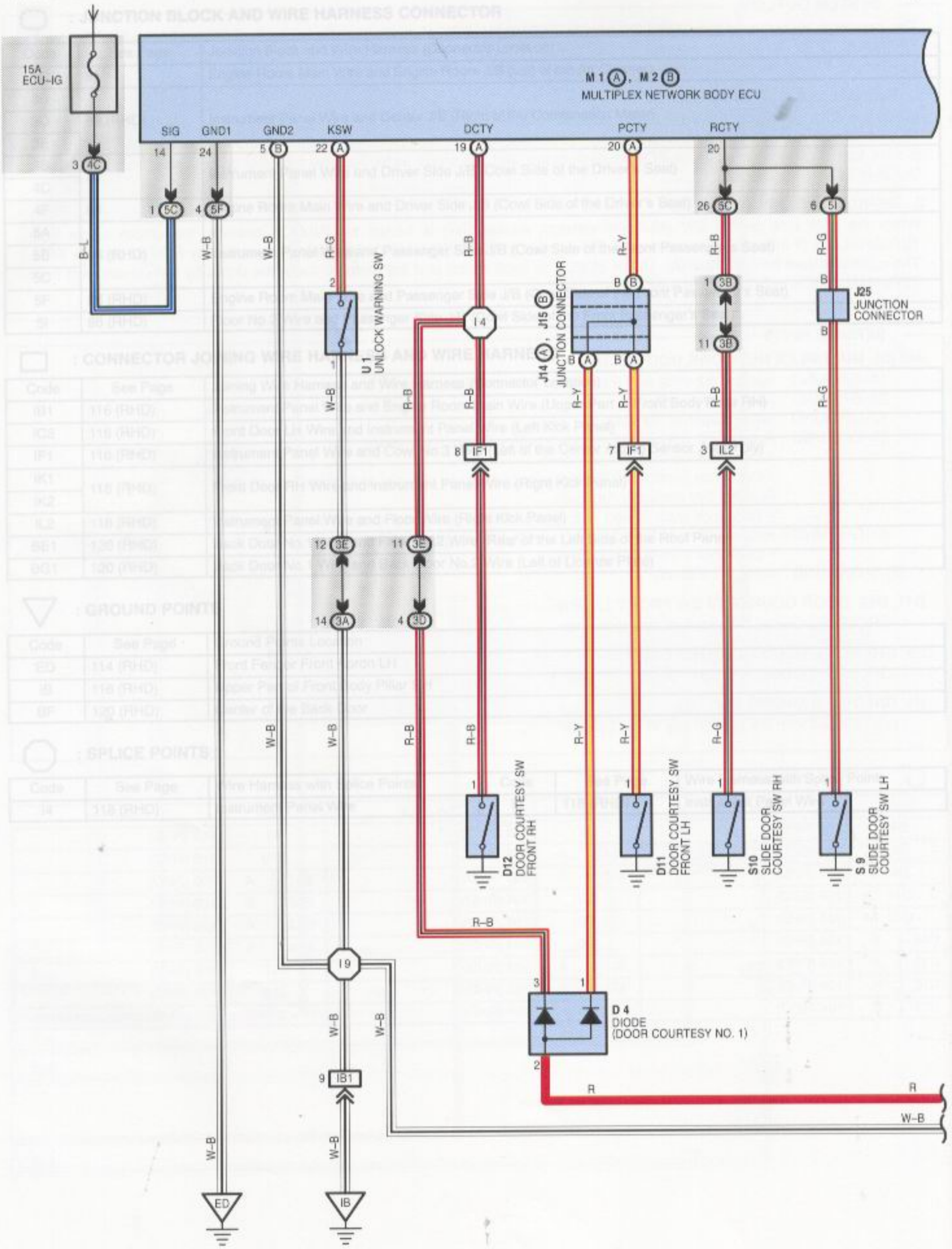
Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
IB	116 (RHD)	Upper Part of Front Body Pillar RH
BF	120 (RHD)	Center of the Back Door

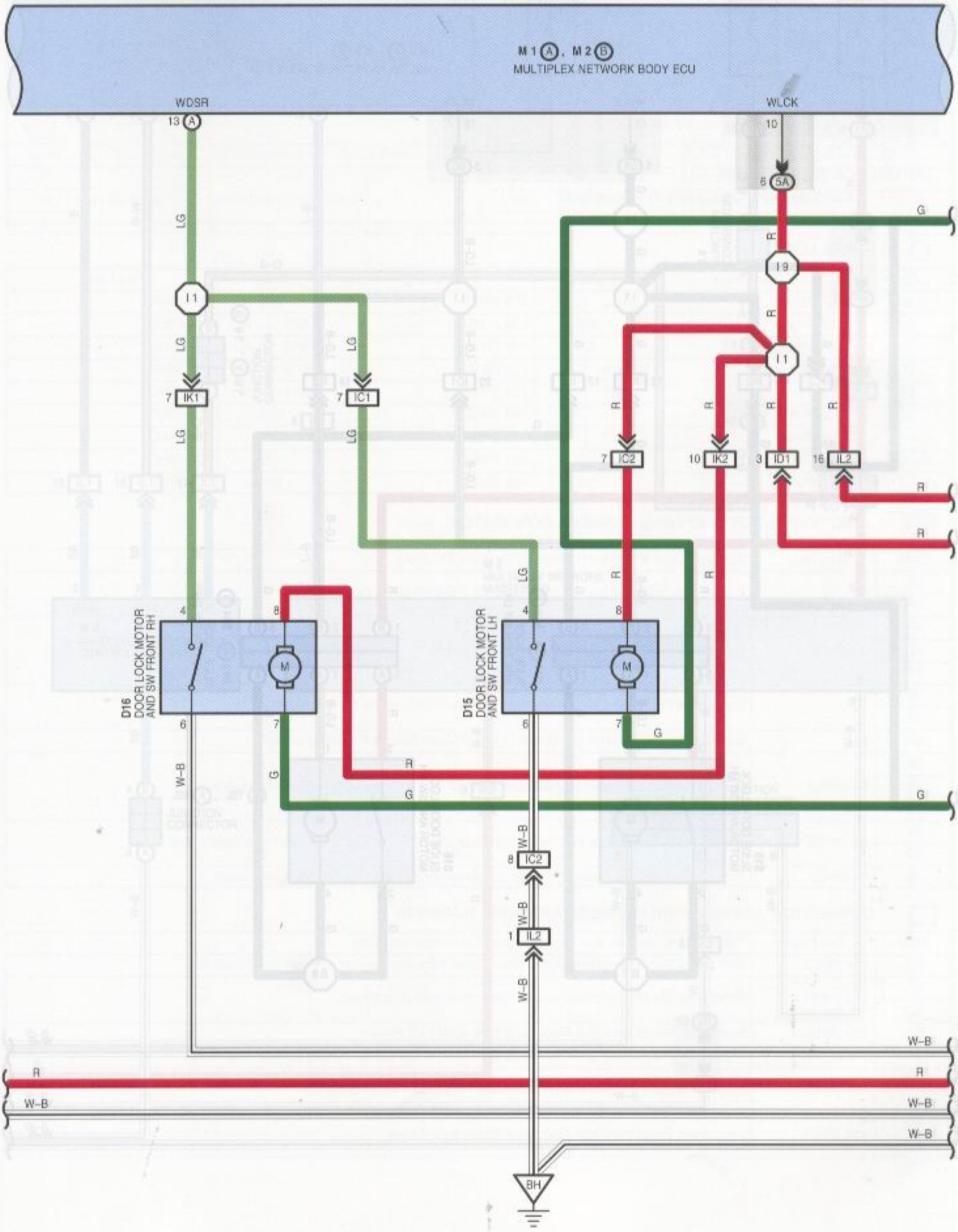
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I4	118 (RHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire

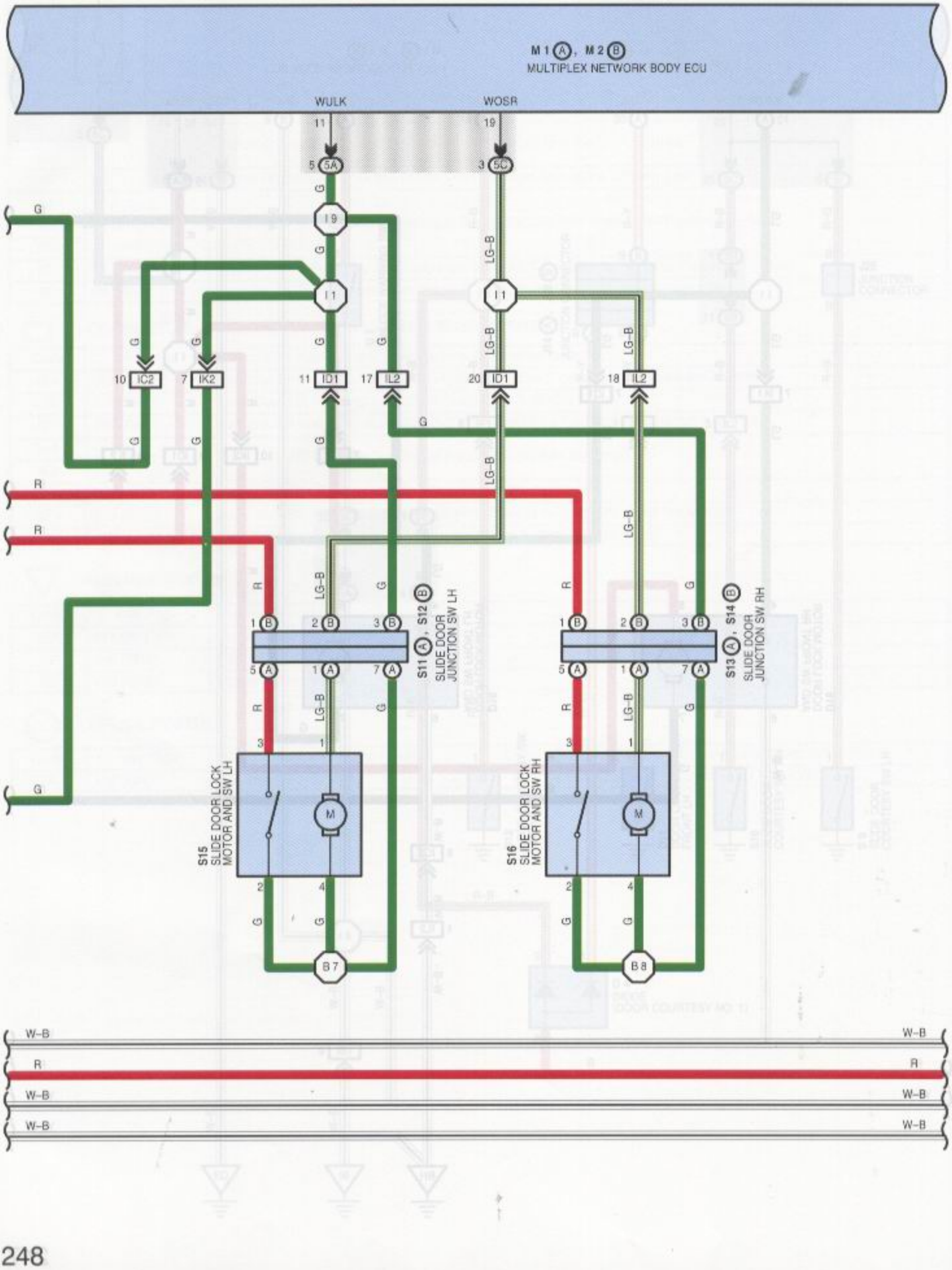
DOUBLE LOCKING

FROM POWER SOURCE SYSTEM (SEE PAGE 130)




M1 A , M2 B
MULTIPLEX NETWORK BODY ECU
WDSR
13 A
WLCK
10
6 5A
G
LG
R
I9
I1
7 IK1
7 IC1
7 IC2
10 IK2
3 ID1
16 IL2
D16
DOOR LOCK MOTOR AND SW FRONT RH
D15
DOOR LOCK MOTOR AND SW FRONT LH
M
4
8
6
7
W-B
8 IC2
1 IL2
BH

DOUBLE LOCKING



FROM POWER SOURCE SYSTEM (SEE PAGE 130)

M1 (A), M2 (B)
MULTIPLEX NETWORK BODY ECU

RDA PRG MPX BDL

30A DR LCK

10A ECU-B

10A DOME

J4 JUNCTION CONNECTOR

J5 (A), J6 (B) JUNCTION CONNECTOR

J22 JUNCTION CONNECTOR

M3
MULTIPLEX NETWORK MASTER SW

RDA PRG +B TX BDM

W4
WIRELESS DOOR LOCK CONTROL RECEIVER

E

DCTY ZDU E

J26 (A), J27 (B) JUNCTION CONNECTOR

J22 JUNCTION CONNECTOR

DOUBLE LOCKING

SERVICE HINTS

M2 (B) MULTIPLEX NETWORK BODY ECU

14-GROUND : Approx. **12** volts with the ignition SW at **ON** position
24-GROUND : Always approx. **12** volts
12-GROUND : Always approx. **12** volts
(B) 5-GROUND : Always continuity

W4 WIRELESS DOOR LOCK CONTROL RECEIVER

5-GROUND : Always approx. **12** volts
1-GROUND : Always continuity

U1 UNLOCK WARNING SW

2-1 : Closed with the ignition key in the cylinder

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D4	102 (RHD)	J15 B	103 (RHD)	S10	105 (RHD)
D11	104 (RHD)	J22	104 (RHD)	S11 A	105 (RHD)
D12	104 (RHD)	J25	104 (RHD)	S12 B	105 (RHD)
D15	104 (RHD)	J26 A	104 (RHD)	S13 A	105 (RHD)
D16	104 (RHD)	J27 B	104 (RHD)	S14 B	105 (RHD)
J4	103 (RHD)	M1 A	103 (RHD)	S15	105 (RHD)
J5 A	103 (RHD)	M2 B	103 (RHD)	S16	105 (RHD)
J6 B	103 (RHD)	M3	104 (RHD)	U1	103 (RHD)
J14 A	103 (RHD)	S9	105 (RHD)	W4	105 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C 1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3B 3D 3E	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B 4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A 5B 5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5F 5G	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5I	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

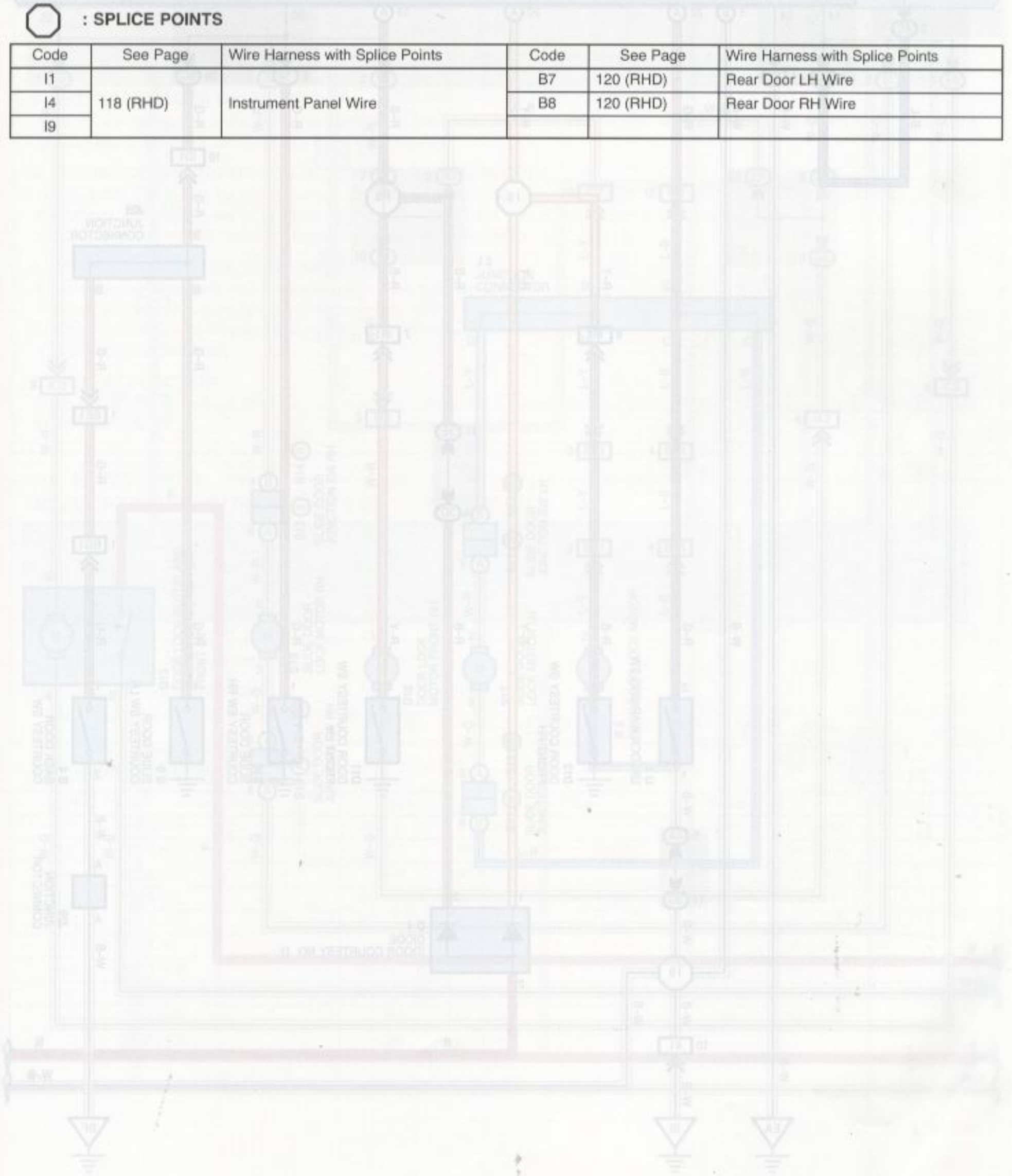
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IC1 IC2	116 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	116 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IK1 IK2	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL1 IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

: GROUND POINTS

Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
IB	116 (RHD)	Upper Part of Front Body Pillar RH
BH	120 (RHD)	Surrounding of Taillight RH

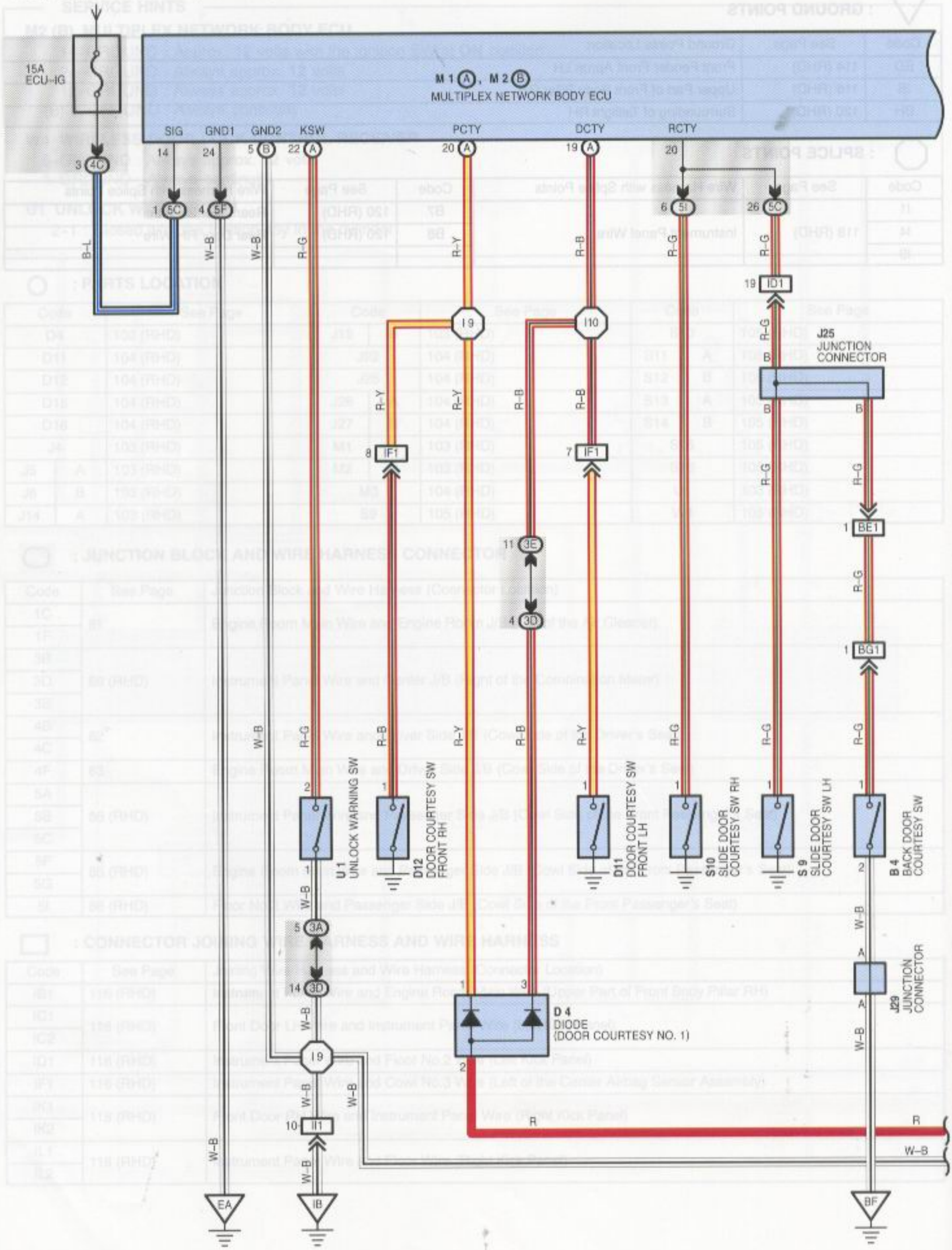
: SPLICE POINTS

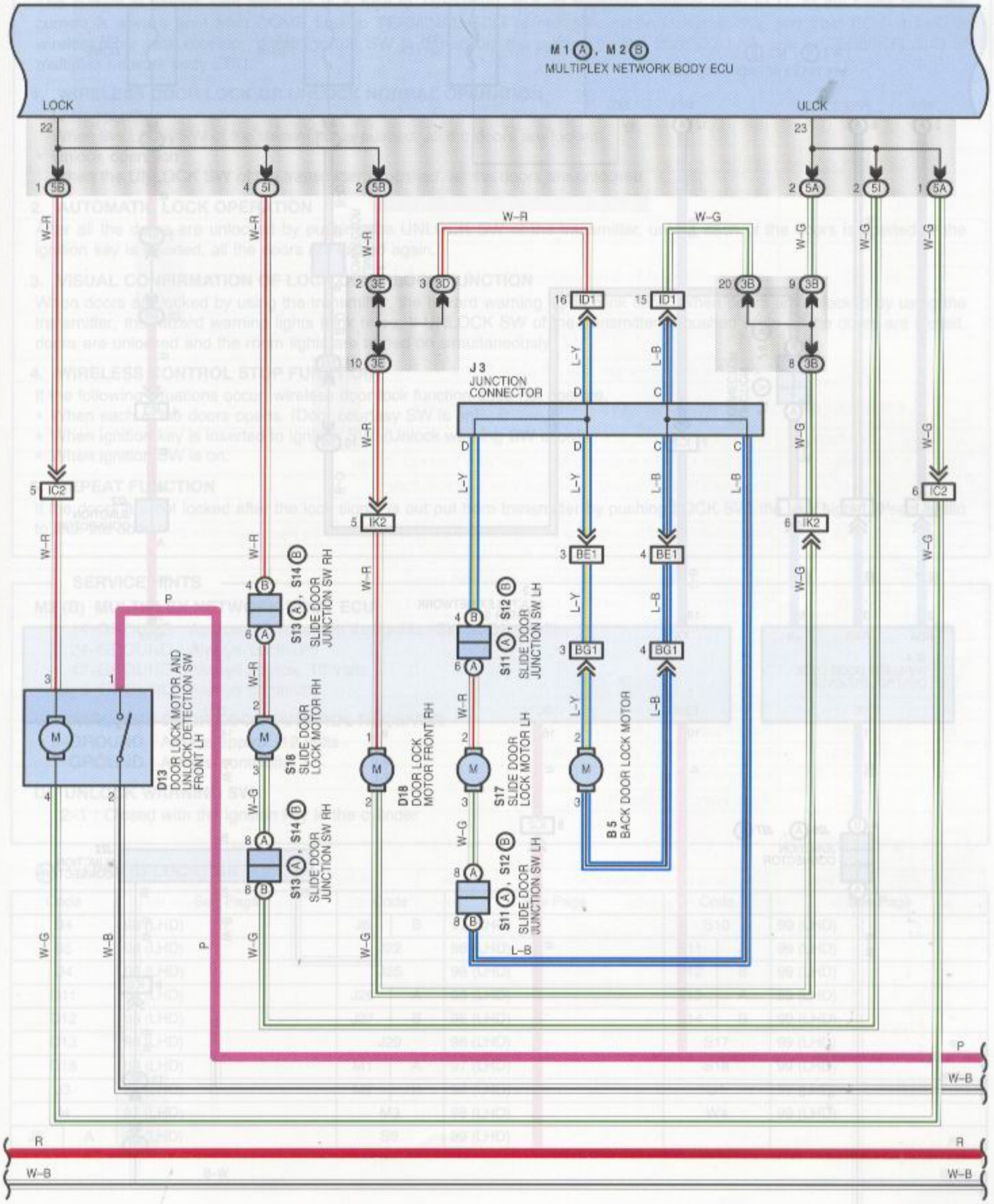
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	118 (RHD)	Instrument Panel Wire	B7	120 (RHD)	Rear Door LH Wire
I4			B8	120 (RHD)	Rear Door RH Wire
I9					



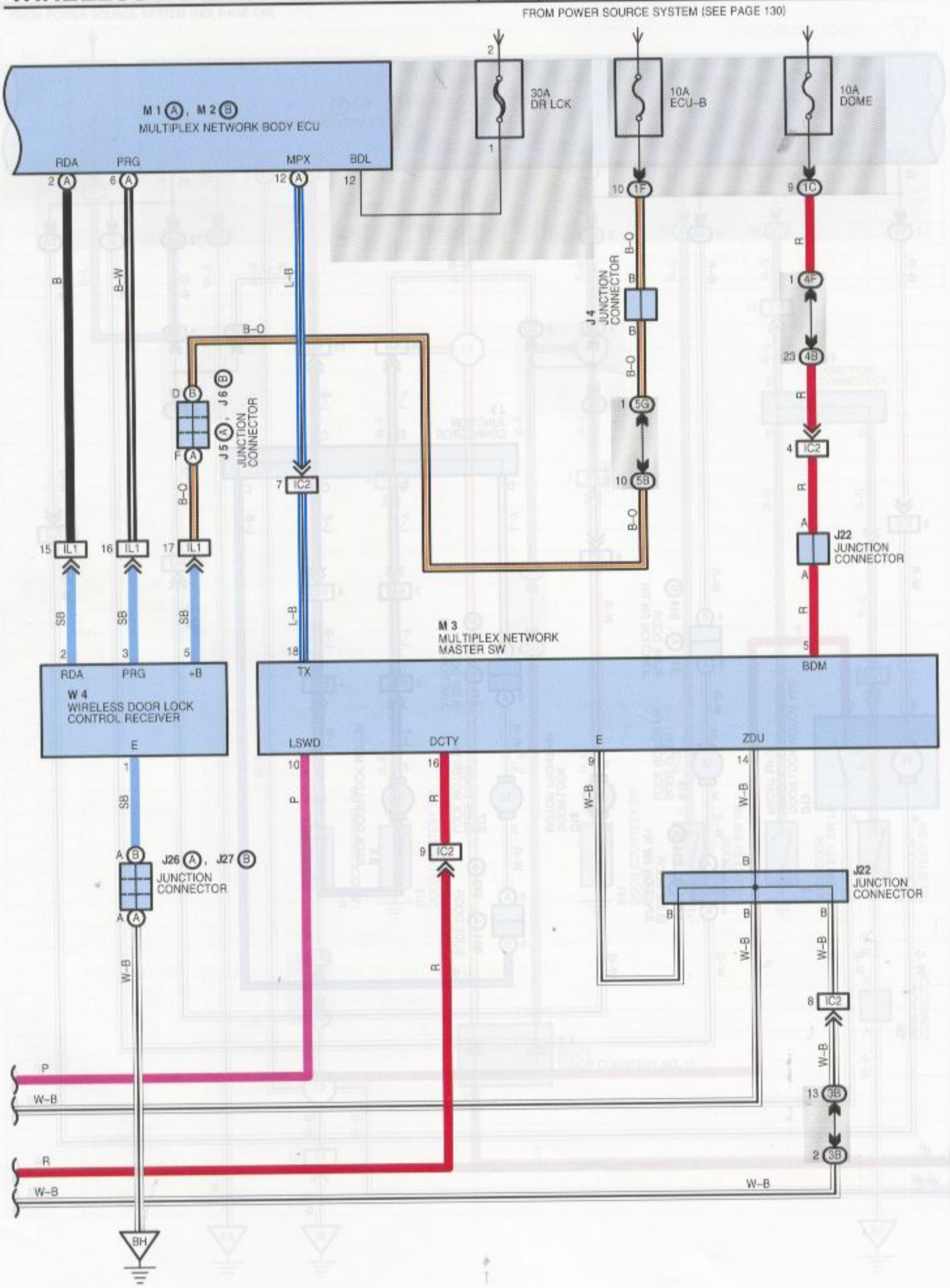
WIRELESS DOOR LOCK CONTROL (LHD)

FROM POWER SOURCE SYSTEM (SEE PAGE 130)




M1 A , M2 B
MULTIPLEX NETWORK BODY ECU
LOCK
ULCK
J3
JUNCTION CONNECTOR
D13
DOOR LOCK MOTOR AND UNLOCK DETECTION SW FRONT LH
S18
SLIDE DOOR LOCK MOTOR RH
S13 A , S14 B
SLIDE DOOR JUNCTION SW RH
D18
DOOR LOCK MOTOR FRONT RH
S17
SLIDE DOOR LOCK MOTOR LH
S11 A , S12 B
SLIDE DOOR JUNCTION SW LH
B5
BACK DOOR LOCK MOTOR
W-R
W-G
L-Y
L-B
P
W-B
R

WIRELESS DOOR LOCK CONTROL (LHD)



SYSTEM OUTLINE

The current is always sent from DR LCK fuse to TERMINAL BDL of multiplex network body ECU. At the same time, the current is always sent from DOME fuse to TERMINAL BDM of multiplex network master SW, and from ECU-B fuse to wireless door lock receiver. When ignition SW is turned on, the current is sent from ECU-IG fuse to TERMINAL SIG of multiplex network body ECU.

1. WIRELESS DOOR LOCK OR UNLOCK NORMAL OPERATION

* Lock operation
  When the LOCK SW of the transmitter is pushed, all the doors are locked.
* Unlock operation
  When the UNLOCK SW of the transmitter is pushed, all the doors are unlocked.

2. AUTOMATIC LOCK OPERATION

After all the doors are unlocked by pushing the UNLOCK SW of the transmitter, unless each of the doors is opened or the ignition key is inserted, all the doors are locked again.

3. VISUAL CONFIRMATION OF LOCK OR UNLOCK FUNCTION

When doors are locked by using the transmitter, the hazard warning lights blink once. When doors are unlocked by using the transmitter, the hazard warning lights blink twice. If UNLOCK SW of the transmitter is pushed while all the doors are locked, doors are unlocked and the room lights are turned on simultaneously.

4. WIRELESS CONTROL STOP FUNCTION

If the following situations occur, wireless door lock function does not operate.

* When each of the doors opens. (Door courtesy SW is on)
* When ignition key is inserted to ignition SW. (Unlock warning SW is on)
* When ignition SW is on.

5. REPEAT FUNCTION

If the doors are not locked after the lock signal is out put from transmitter by pushing LOCK SW, the lock signal is sent again to lock the doors.

SERVICE HINTS

M2 (B) MULTIPLEX NETWORK BODY ECU

14-GROUND : Approx. **12** volts with the ignition SW at **ON** position
24-GROUND : Always continuity
12-GROUND : Always approx. **12** volts
(B) 5-GROUND : Always continuity

W4 WIRELESS DOOR LOCK CONTROL RECEIVER

5-GROUND : Always approx. **12** volts
1-GROUND : Always continuity

U1 UNLOCK WARNING SW

2-1 : Closed with the ignition key in the cylinder

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B4	98 (LHD)	J6 B	97 (LHD)	S10	99 (LHD)
B5	98 (LHD)	J22	98 (LHD)	S11 A	99 (LHD)
D4	96 (LHD)	J25	98 (LHD)	S12 B	99 (LHD)
D11	98 (LHD)	J26 A	98 (LHD)	S13 A	99 (LHD)
D12	98 (LHD)	J27 B	98 (LHD)	S14 B	99 (LHD)
D13	98 (LHD)	J29	98 (LHD)	S17	99 (LHD)
D18	98 (LHD)	M1 A	97 (LHD)	S18	99 (LHD)
J3	97 (LHD)	M2 B	97 (LHD)	U1	97 (LHD)
J4	97 (LHD)	M3	98 (LHD)	W4	99 (LHD)
J5 A	97 (LHD)	S9	99 (LHD)		

WIRELESS DOOR LOCK CONTROL (LHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1F		
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B		
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5B		
5C		
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G		
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL1	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

: GROUND POINTS

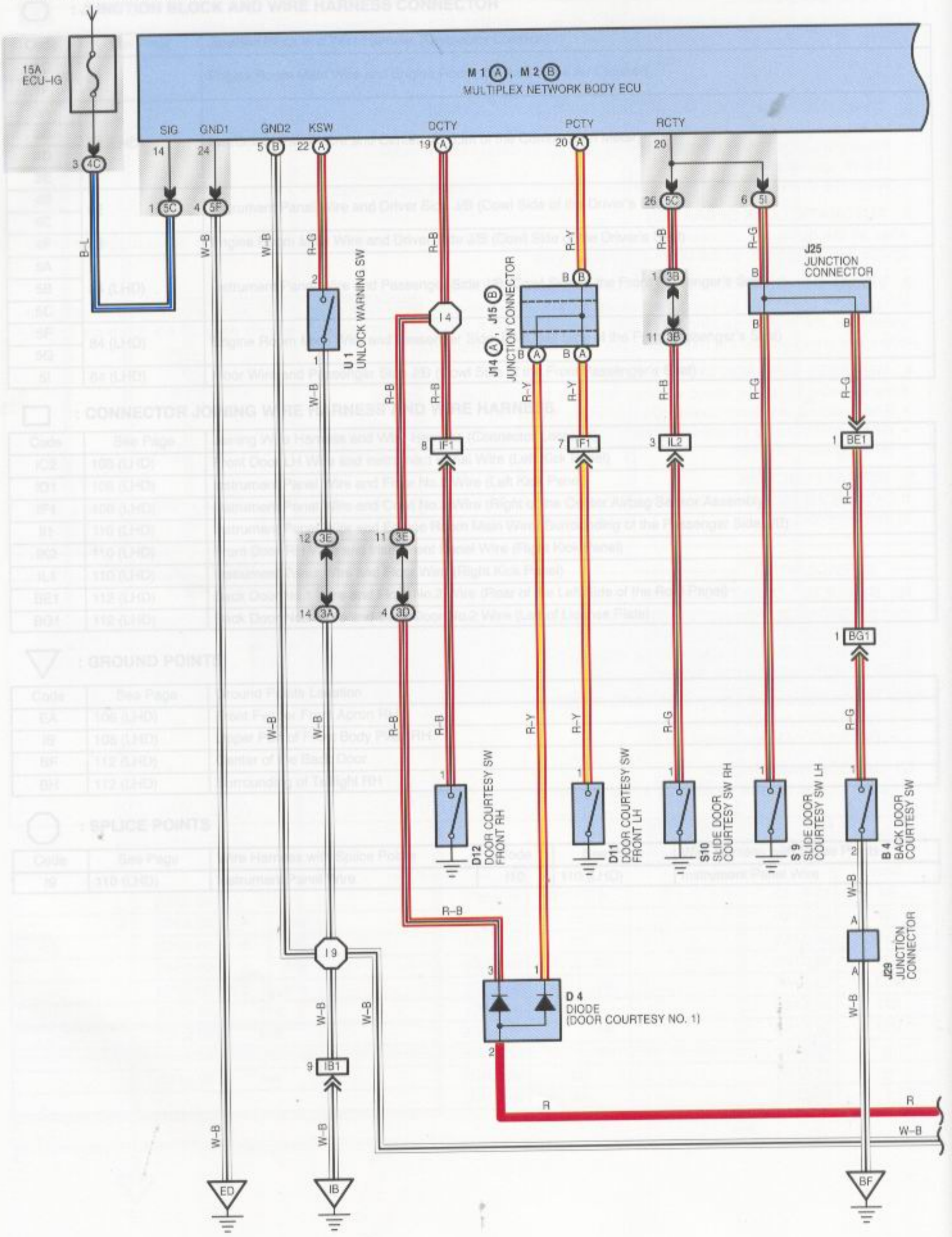
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
IB	108 (LHD)	Upper Part of Front Body Pillar RH
BF	112 (LHD)	Center of the Back Door
BH	112 (LHD)	Surrounding of Taillight RH

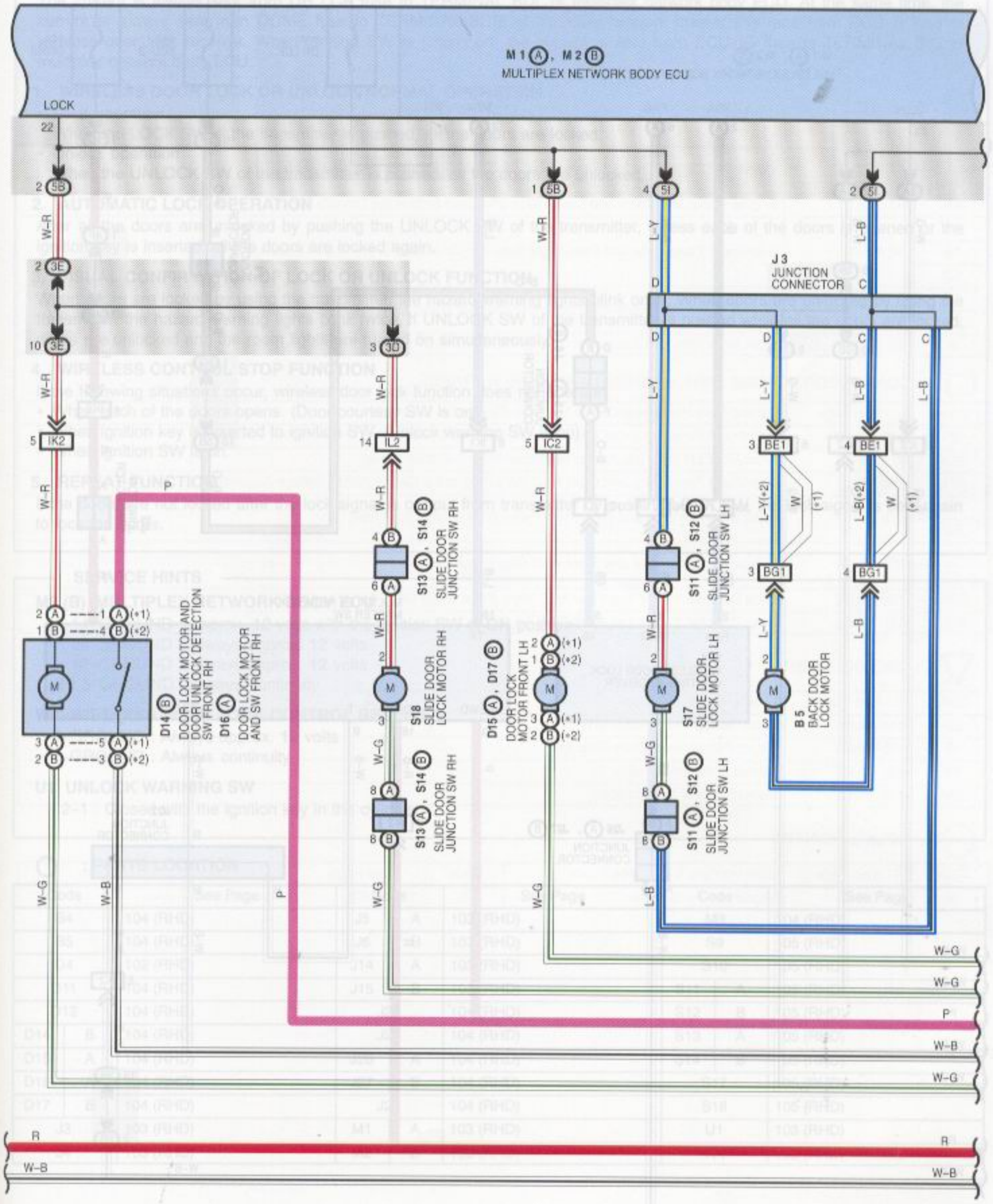
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	110 (LHD)	Instrument Panel Wire	I10	110 (LHD)	Instrument Panel Wire

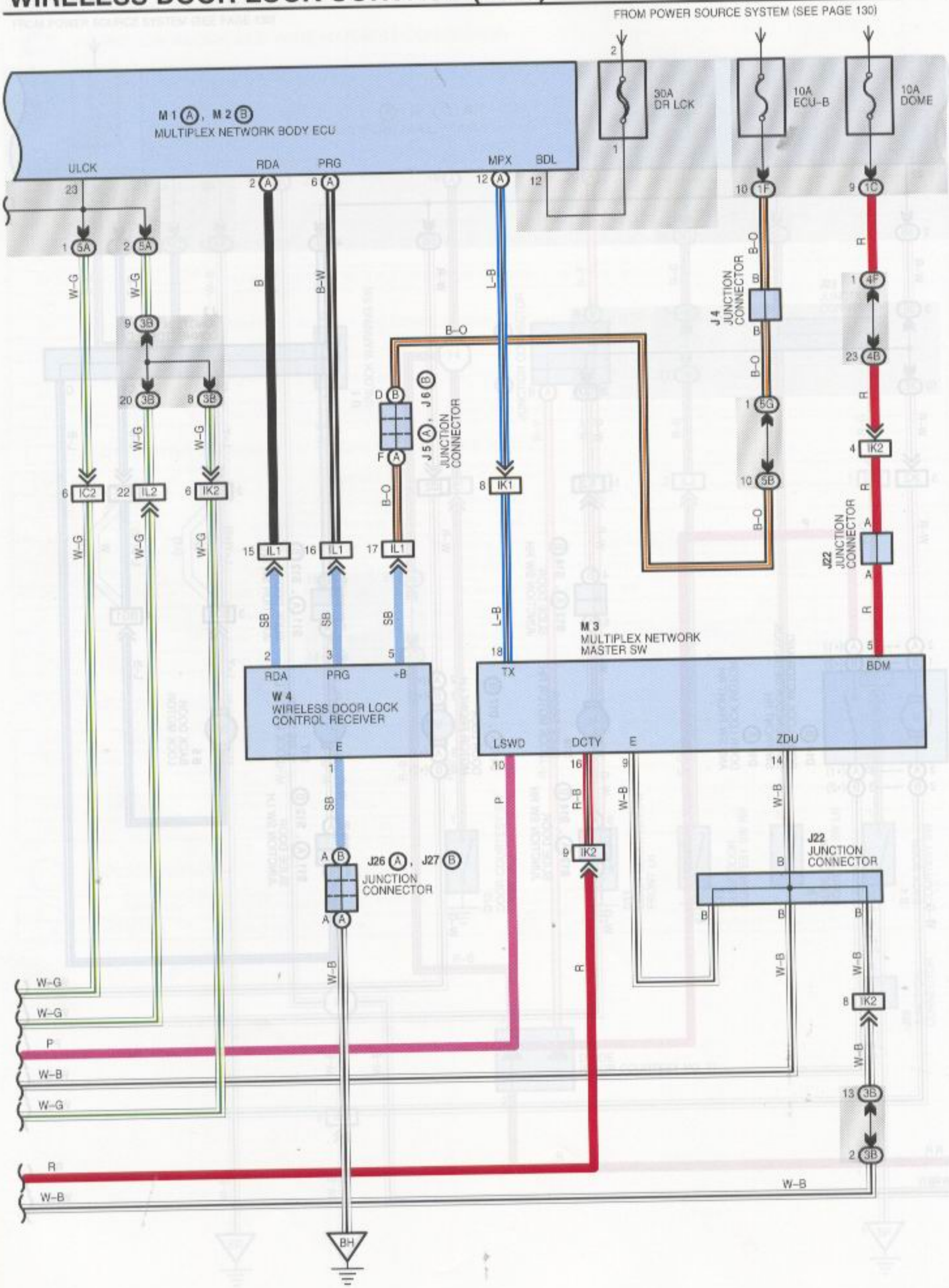
WIRELESS DOOR LOCK CONTROL (RHD)

FROM POWER SOURCE SYSTEM (SEE PAGE 130)




M1 A, M2 B
MULTIPLEX NETWORK BODY ECU
LOCK
22
2 5B
W-R
2 3E
10 3E
W-R
5 IK2
W-R
2 A ----1 A (*1)
1 B ----4 B (*2)
3 A ----5 A (*1)
2 B ----3 B (*2)
D14 B DOOR LOCK MOTOR AND DOOR UNLOCK DETECTION SW FRONT RH
D16 A DOOR LOCK MOTOR AND SW FRONT RH
P
3 3D
W-R
14 IL2
W-R
4 B
6 A
S13 A, S14 B SLIDE DOOR JUNCTION SW RH
W-R
2 A (*1)
1 B (*2)
M
3
S18 SLIDE DOOR LOCK MOTOR RH
W-G
8 A
6 B
S13 A, S14 B SLIDE DOOR JUNCTION SW RH
W-G
1 5B
W-R
5 IC2
W-R
D15 A, D17 B DOOR LOCK MOTOR FRONT LH
2 A (*1)
1 B (*2)
M
3 A (*1)
2 B (*2)
W-G
4 5I
L-Y
D
D
L-Y
4 B
6 A
S11 A, S12 B SLIDE DOOR JUNCTION SW LH
W-R
2
M
3
S17 SLIDE DOOR LOCK MOTOR LH
W-G
8 A
6 B
S11 A, S12 B SLIDE DOOR JUNCTION SW LH
L-B
J3 JUNCTION CONNECTOR
2 5I
L-B
C
C
L-B
D
D
L-Y
3 BE1
L-Y(*2)
W
(*1)
3 BG1
L-Y
2
M
3
B5 BACK DOOR LOCK MOTOR
4 BE1
L-B(*2)
W
(*1)
4 BG1
L-B
W-G
W-G
P
W-B
W-G
R
W-B
R
W-B

WIRELESS DOOR LOCK CONTROL (RHD)



SYSTEM OUTLINE

The current is always sent from DR LCK fuse to TERMINAL BDL of multiplex network body ECU. At the same time, the current is always sent from DOME fuse to TERMINAL BDM of multiplex network master SW, and from ECU-B fuse to wireless door lock receiver. When ignition SW is turned on, the current is sent from ECU-IG fuse to TERMINAL SIG of multiplex network body ECU.

1. WIRELESS DOOR LOCK OR UNLOCK NORMAL OPERATION

* Lock operation
  When the LOCK SW of the transmitter is pushed, all the doors are locked.
* Unlock operation
  When the UNLOCK SW of the transmitter is pushed, all the doors are unlocked.

2. AUTOMATIC LOCK OPERATION

After all the doors are unlocked by pushing the UNLOCK SW of the transmitter, unless each of the doors is opened or the ignition key is inserted, all the doors are locked again.

3. VISUAL CONFIRMATION OF LOCK OR UNLOCK FUNCTION

When doors are locked by using the transmitter, the hazard warning lights blink once. When doors are unlocked by using the transmitter, the hazard warning lights blink twice. If UNLOCK SW of the transmitter is pushed while all the doors are locked, doors are unlocked and the room lights are turned on simultaneously.

4. WIRELESS CONTROL STOP FUNCTION

If the following situations occur, wireless door lock function does not operate.

* When each of the doors opens. (Door courtesy SW is on)
* When ignition key is inserted to ignition SW. (Unlock warning SW is on)
* When ignition SW is on.

5. REPEAT FUNCTION

If the doors are not locked after the lock signal is out put from transmitter by pushing LOCK SW, the lock signal is sent again to lock the doors.

SERVICE HINTS

M2 (B) MULTIPLEX NETWORK BODY ECU

14-GROUND : Approx. **12** volts with the ignition SW at **ON** position
24-GROUND : Always approx. **12** volts
12-GROUND : Always approx. **12** volts
(B) 5-GROUND : Always continuity

W4 WIRELESS DOOR LOCK CONTROL RECEIVER

5-GROUND : Always approx. **12** volts
1-GROUND : Always continuity

U1 UNLOCK WARNING SW

2-1 : Closed with the ignition key in the cylinder

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
B4		104 (RHD)	J5	A	103 (RHD)	M3		104 (RHD)
B5		104 (RHD)	J6	B	103 (RHD)	S9		105 (RHD)
D4		102 (RHD)	J14	A	103 (RHD)	S10		105 (RHD)
D11		104 (RHD)	J15	B	103 (RHD)	S11	A	105 (RHD)
D12		104 (RHD)	J22		104 (RHD)	S12	B	105 (RHD)
D14	B	104 (RHD)	J25		104 (RHD)	S13	A	105 (RHD)
D15	A	104 (RHD)	J26	A	104 (RHD)	S14	B	105 (RHD)
D16	A	104 (RHD)	J27	B	104 (RHD)	S17		105 (RHD)
D17	B	104 (RHD)	J29		104 (RHD)	S18		105 (RHD)
J3		103 (RHD)	M1	A	103 (RHD)	U1		103 (RHD)
J4		103 (RHD)	M2	B	103 (RHD)	W4		105 (RHD)

WIRELESS DOOR LOCK CONTROL (RHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1F		
3B	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5B		
5C		
5F	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G		
5I	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IC2	116 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IK1	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK2		
IL1	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IL2		
BE1	120 (RHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	120 (RHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)

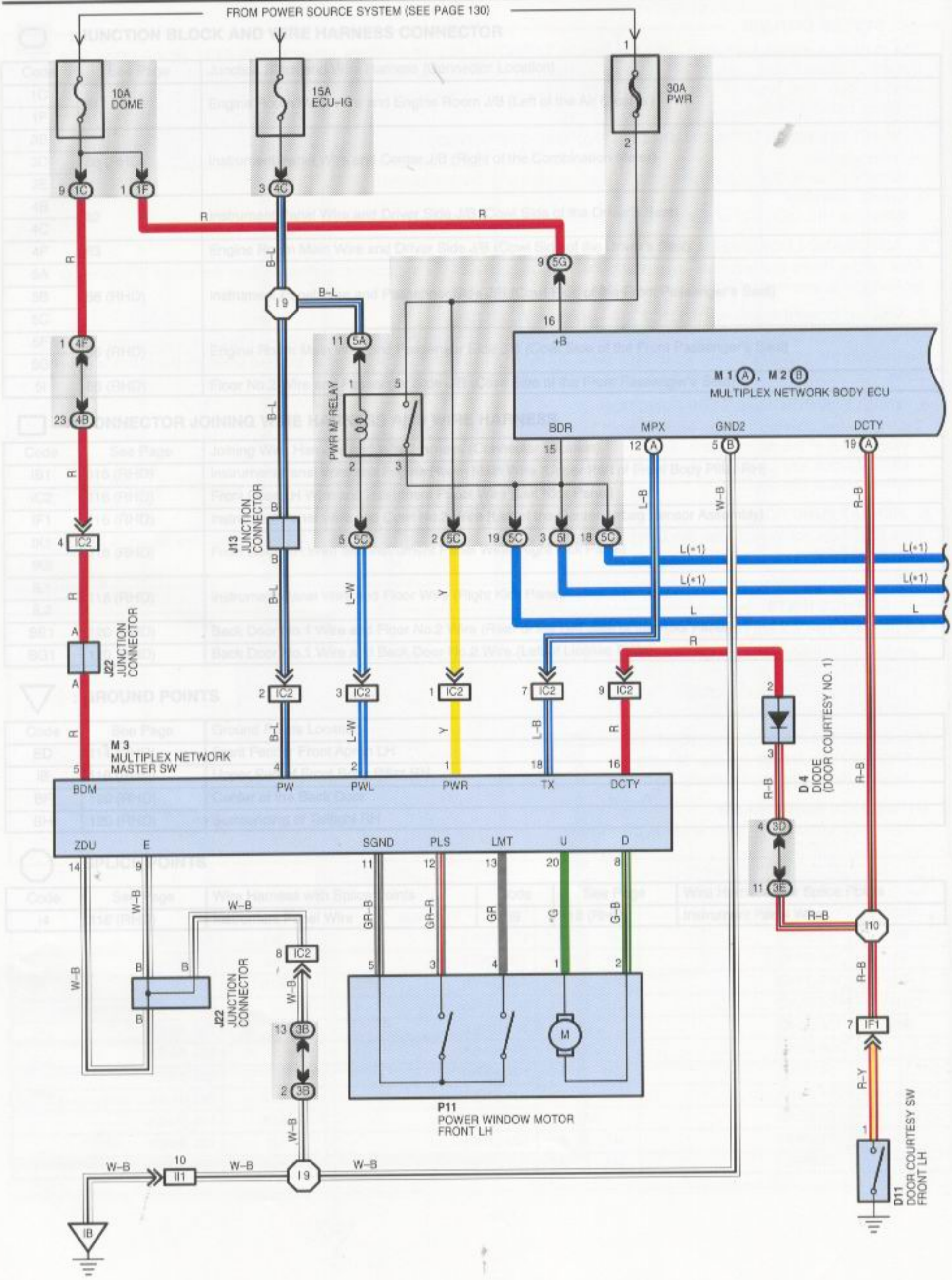
: GROUND POINTS

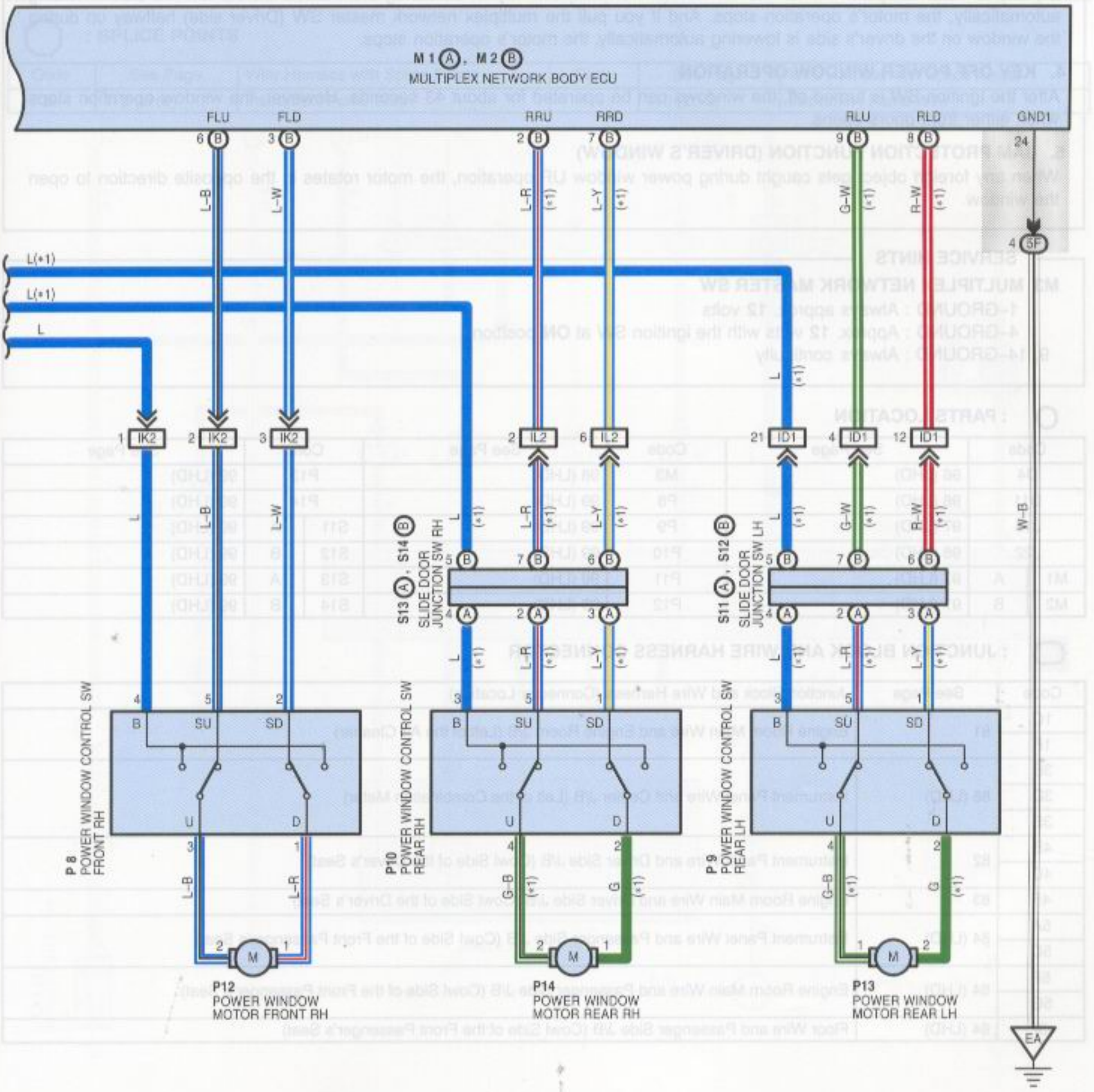
Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
IB	116 (RHD)	Upper Part of Front Body Pillar RH
BF	120 (RHD)	Center of the Back Door
BH	120 (RHD)	Surrounding of Taillight RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I4	118 (RHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire

POWER WINDOW (LHD)




M1 A , M2 B
MULTIPLEX NETWORK BODY ECU
FLU
FLD
RRU
RRD
RLU
RLD
GND1
L-B
L-W
L-R
L-Y
G-W
R-W
W-B
L(*1)
L
IK2
IL2
ID1
S13 A , S14 B
SLIDE DOOR JUNCTION SW RH
S11 A , S12 B
SLIDE DOOR JUNCTION SW LH
P 8
POWER WINDOW CONTROL SW FRONT RH
P10
POWER WINDOW CONTROL SW REAR RH
P 9
POWER WINDOW CONTROL SW REAR LH
B
SU
SD
U
D
G-B
G
P12
POWER WINDOW MOTOR FRONT RH
P14
POWER WINDOW MOTOR REAR RH
P13
POWER WINDOW MOTOR REAR LH
5F
EA

POWER WINDOW (LHD)

SYSTEM OUTLINE

Communication between multiplex network master SW and multiplex network body ECU is controlled and multiplex network body ECU recognizes the conditions of each SW to control the operation of windows.

1. MANUAL UP OR DOWN OPERATION (DRIVER'S WINDOW, PASSENGER'S WINDOW)

During you are pushing multiplex network master SW (Driver side) halfway down, the motor operates and the window on the driver's side opens. During you are pulling multiplex network master SW (Driver side) halfway up, the motor operates and the windows on the driver's side closes. The window on the passenger's side opens or closes by pushing down or pulling up multiplex network master SW (Front passenger, rear passenger) or power window SW front RH, rear LH, RH.

2. AUTO UP OR DOWN OPERATION (DRIVER'S WINDOW)

When the multiplex network master SW (Driver side) is fully pushed down, the motor operates and the window on the driver's side automatically opens. When the multiplex network master SW (Driver side) is fully pulled up, the motor operates and the window on the driver's side automatically closes.

3. STOPPING AUTOMATIC WINDOW OPERATION

If you push the multiplex network master SW (Driver side) halfway down during the window on the driver's side is raising automatically, the motor's operation stops. And if you pull the multiplex network master SW (Driver side) halfway up during the window on the driver's side is lowering automatically, the motor's operation stops.

4. KEY OFF POWER WINDOW OPERATION

After the Ignition SW is turned off, the windows can be operated for about 43 seconds. However, the window operation stops when either front doors opens.

5. JAM PROTECTION FUNCTION (DRIVER'S WINDOW)

When any foreign object gets caught during power window UP operation, the motor rotates in the opposite direction to open the window.

SERVICE HINTS

M3 MULTIPLEX NETWORK MASTER SW

1-GROUND : Always approx. **12** volts
4-GROUND : Approx. **12** volts with the ignition SW at **ON** position
9, 14-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code	See Page	Code		See Page
D4		96 (LHD)	M3	98 (LHD)	P13		99 (LHD)
D11		98 (LHD)	P8	99 (LHD)	P14		99 (LHD)
J13		97 (LHD)	P9	99 (LHD)	S11	A	99 (LHD)
J22		98 (LHD)	P10	99 (LHD)	S12	B	99 (LHD)
M1	A	97 (LHD)	P11	99 (LHD)	S13	A	99 (LHD)
M2	B	97 (LHD)	P12	99 (LHD)	S14	B	99 (LHD)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1F		
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5C		
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G		
5I	84 (LHD)	Floor Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

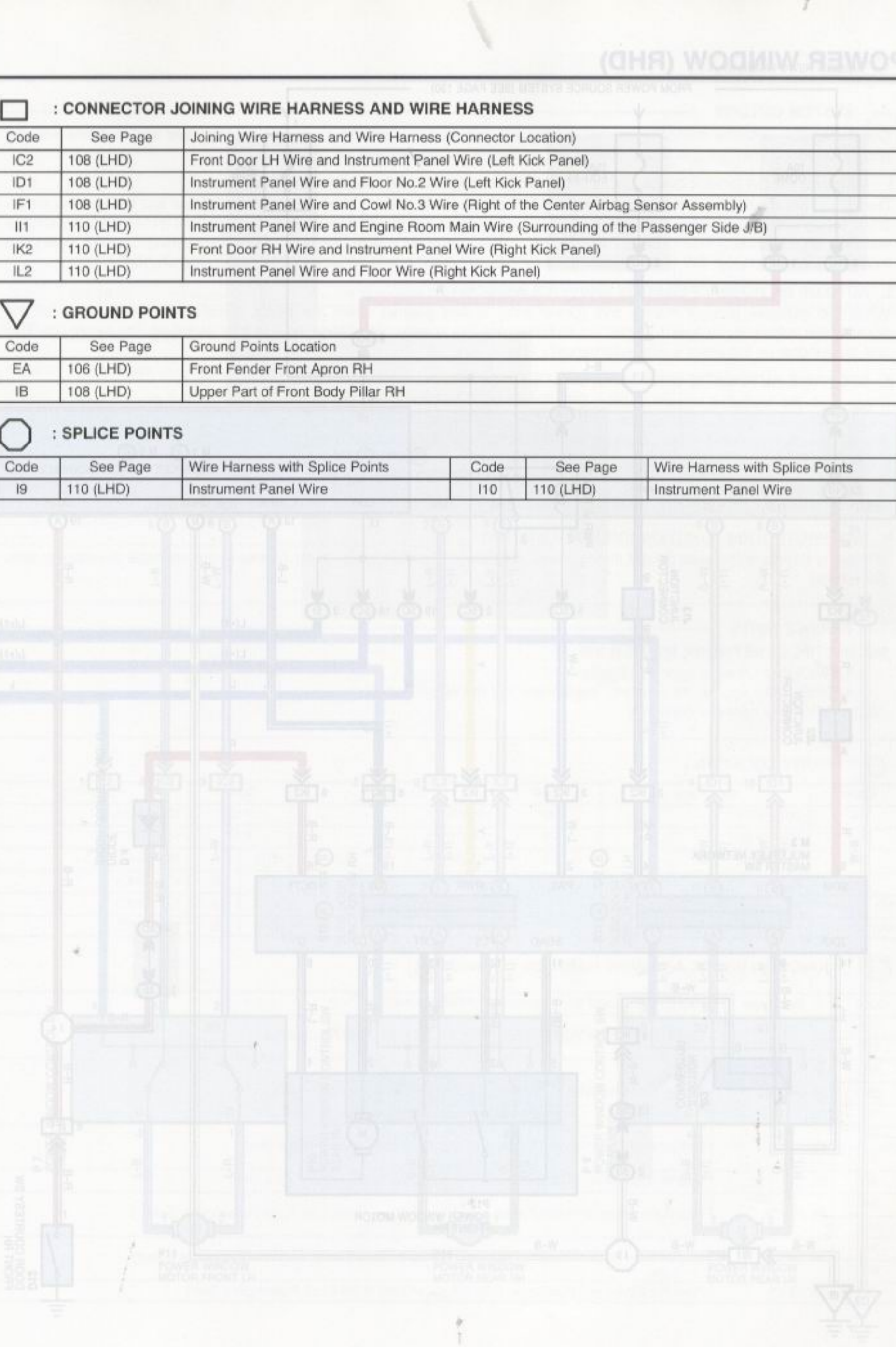
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

: GROUND POINTS

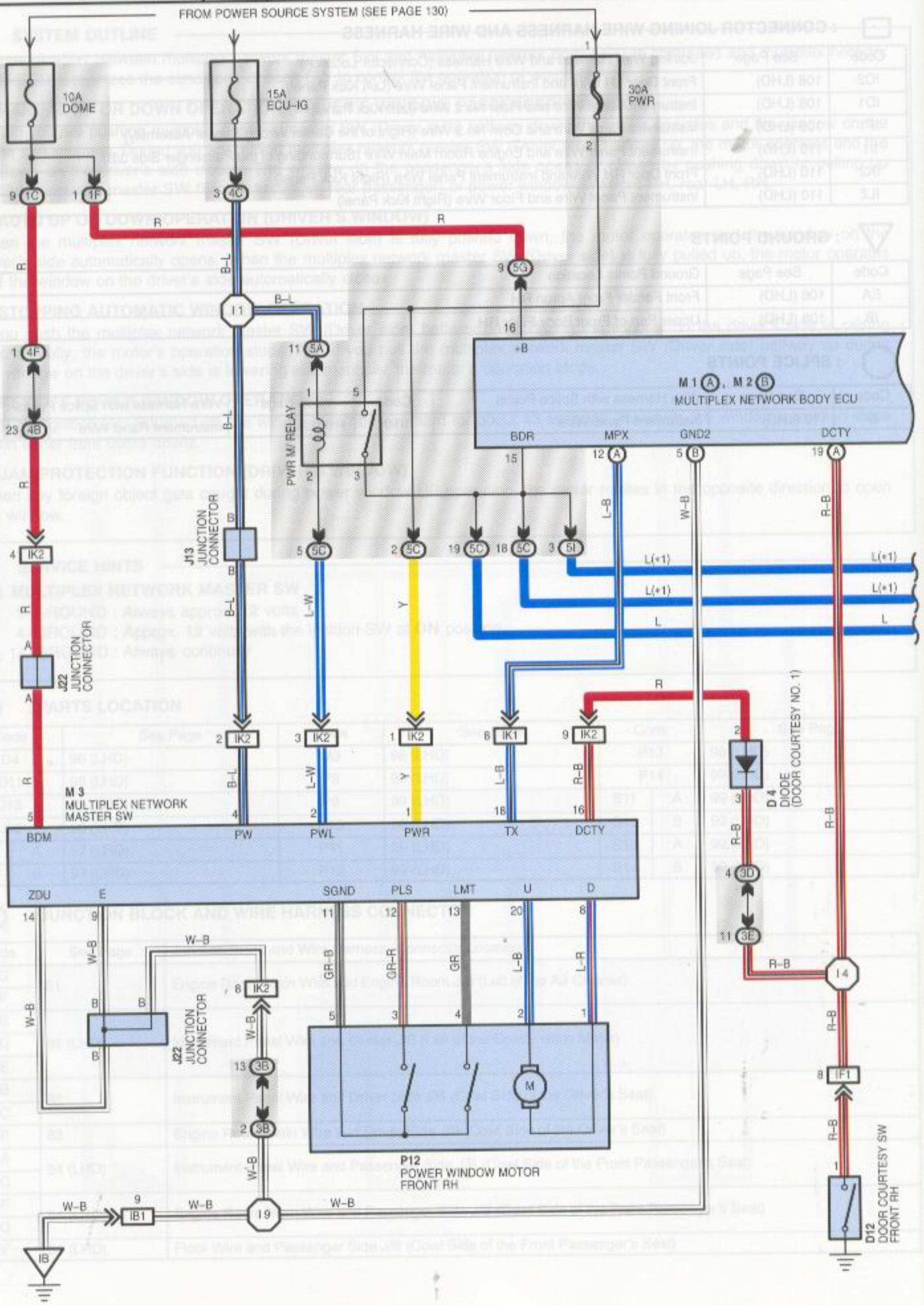
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
IB	108 (LHD)	Upper Part of Front Body Pillar RH

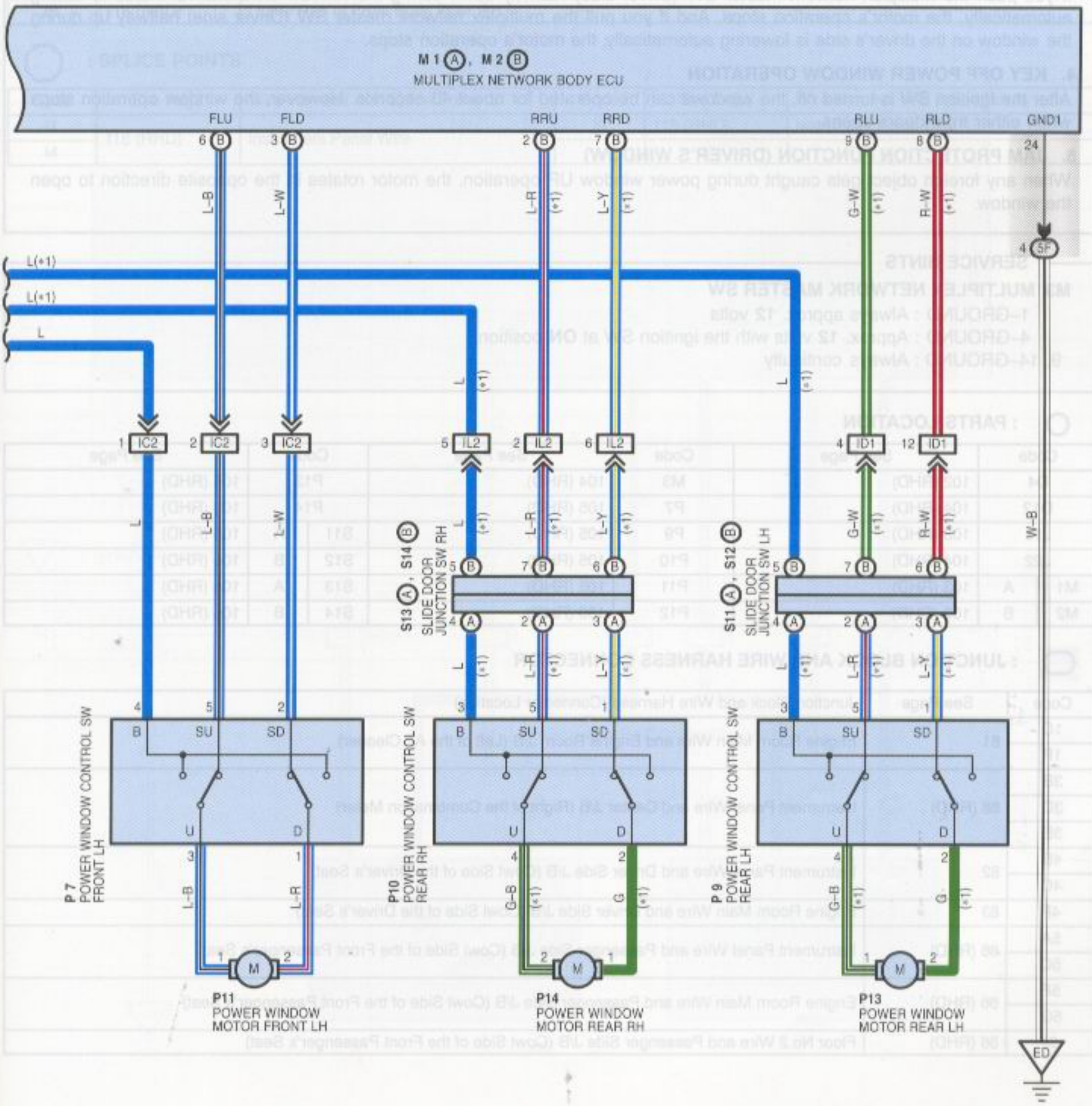
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	110 (LHD)	Instrument Panel Wire	I10	110 (LHD)	Instrument Panel Wire



POWER WINDOW (RHD)




M1 A , M2 B
MULTIPLEX NETWORK BODY ECU
FLU
FLD
RRU
RRD
RLU
RLD
GND1
L-B
L-W
L-R
L-Y
G-W
R-W
W-B
(*1)
L(*1)
L
IC2
IL2
ID1
S13 A , S14 B
SLIDE DOOR JUNCTION SW RH
S11 A , S12 B
SLIDE DOOR JUNCTION SW LH
B
SU
SD
U
D
P 7
POWER WINDOW CONTROL SW FRONT LH
P10
POWER WINDOW CONTROL SW REAR RH
P 9
POWER WINDOW CONTROL SW REAR LH
G-B
G
M
P11
POWER WINDOW MOTOR FRONT LH
P14
POWER WINDOW MOTOR REAR RH
P13
POWER WINDOW MOTOR REAR LH
SP
ED

POWER WINDOW (RHD)

SYSTEM OUTLINE

Communication between multiplex network master SW and multiplex network body ECU is controlled and multiplex network body ECU recognizes the conditions of each SW to control the operation of windows.

1. MANUAL UP OR DOWN OPERATION (DRIVER'S WINDOW, PASSENGER'S WINDOW)

During you are pushing multiplex network master SW (Driver side) halfway down, the motor operates and the window on the driver's side opens. During you are pulling multiplex network master SW (Driver side) halfway up, the motor operates and the windows on the driver's side closes. The window on the passenger's side opens or closes by pushing down or pulling up multiplex network master SW (Front passenger, rear passenger) or power window SW front LH, rear LH, RH.

2. AUTO UP OR DOWN OPERATION (DRIVER'S WINDOW)

When the multiplex network master SW (Driver side) is fully pushed down, the motor operates and the window on the driver's side automatically opens. When the multiplex network master SW (Driver side) is fully pulled up, the motor operates and the window on the driver's side automatically closes.

3. STOPPING AUTOMATIC WINDOW OPERATION

If you push the multiplex network master SW (Driver side) halfway down during the window on the driver's side is raising automatically, the motor's operation stops. And if you pull the multiplex network master SW (Driver side) halfway up during the window on the driver's side is lowering automatically, the motor's operation stops.

4. KEY OFF POWER WINDOW OPERATION

After the Ignition SW is turned off, the windows can be operated for about 43 seconds. However, the window operation stops when either front doors opens.

5. JAM PROTECTION FUNCTION (DRIVER'S WINDOW)

When any foreign object gets caught during power window UP operation, the motor rotates in the opposite direction to open the window.

SERVICE HINTS

M3 MULTIPLEX NETWORK MASTER SW

1-GROUND : Always approx. **12** volts
4-GROUND : Approx. **12** volts with the ignition SW at **ON** position
9, 14-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code	See Page	Code		See Page
D4		102 (RHD)	M3	104 (RHD)	P13		105 (RHD)
D12		104 (RHD)	P7	105 (RHD)	P14		105 (RHD)
J13		103 (RHD)	P9	105 (RHD)	S11	A	105 (RHD)
J22		104 (RHD)	P10	105 (RHD)	S12	B	105 (RHD)
M1	A	103 (RHD)	P11	105 (RHD)	S13	A	105 (RHD)
M2	B	103 (RHD)	P12	105 (RHD)	S14	B	105 (RHD)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C 1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3B 3D 3E	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B 4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A 5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5F 5G	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5I	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IC2	116 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	116 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IK1	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK2		
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

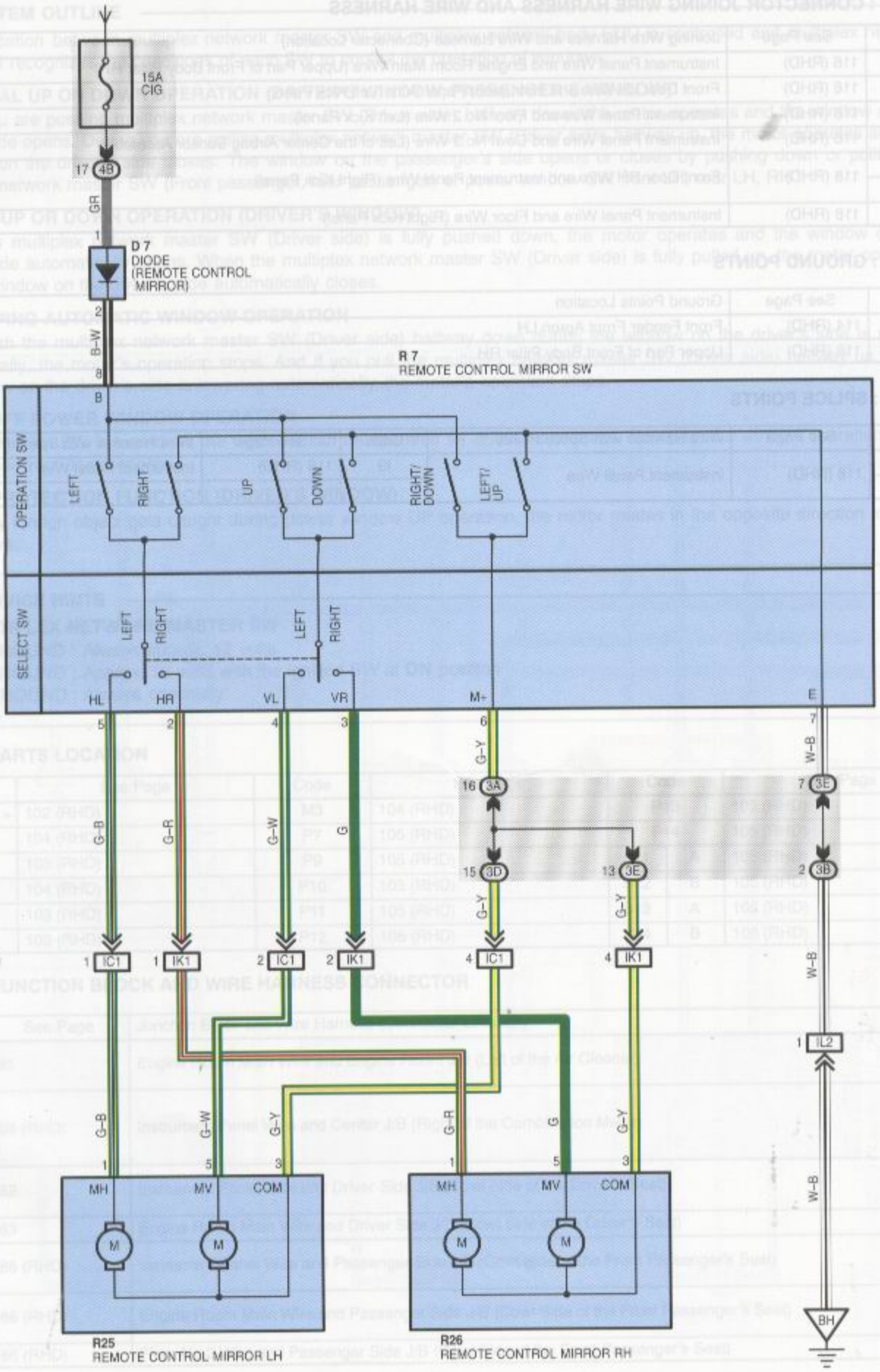
: GROUND POINTS

Code	See Page	Ground Points Location
ED	114 (RHD)	Front Fender Front Apron LH
IB	116 (RHD)	Upper Part of Front Body Pillar RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	118 (RHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire
I4					

REMOTE CONTROL MIRROR



SERVICE HINTS

R7 REMOTE CONTROL MIRROR SW

8-6 : Continuity with the operation SW at **DOWN** or **RIGHT** position
6-7 : Continuity with the operation SW at **UP** or **LEFT** position
8-GROUND : Approx. **12** votls with the ignition SW at **ACC** or **ON** position
7-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D7	96 (LHD)	R7	103 (RHD)	R26	99 (LHD)
	102 (RHD)	R25	99 (LHD)		105 (RHD)
R7	97 (LHD)		105 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3E	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

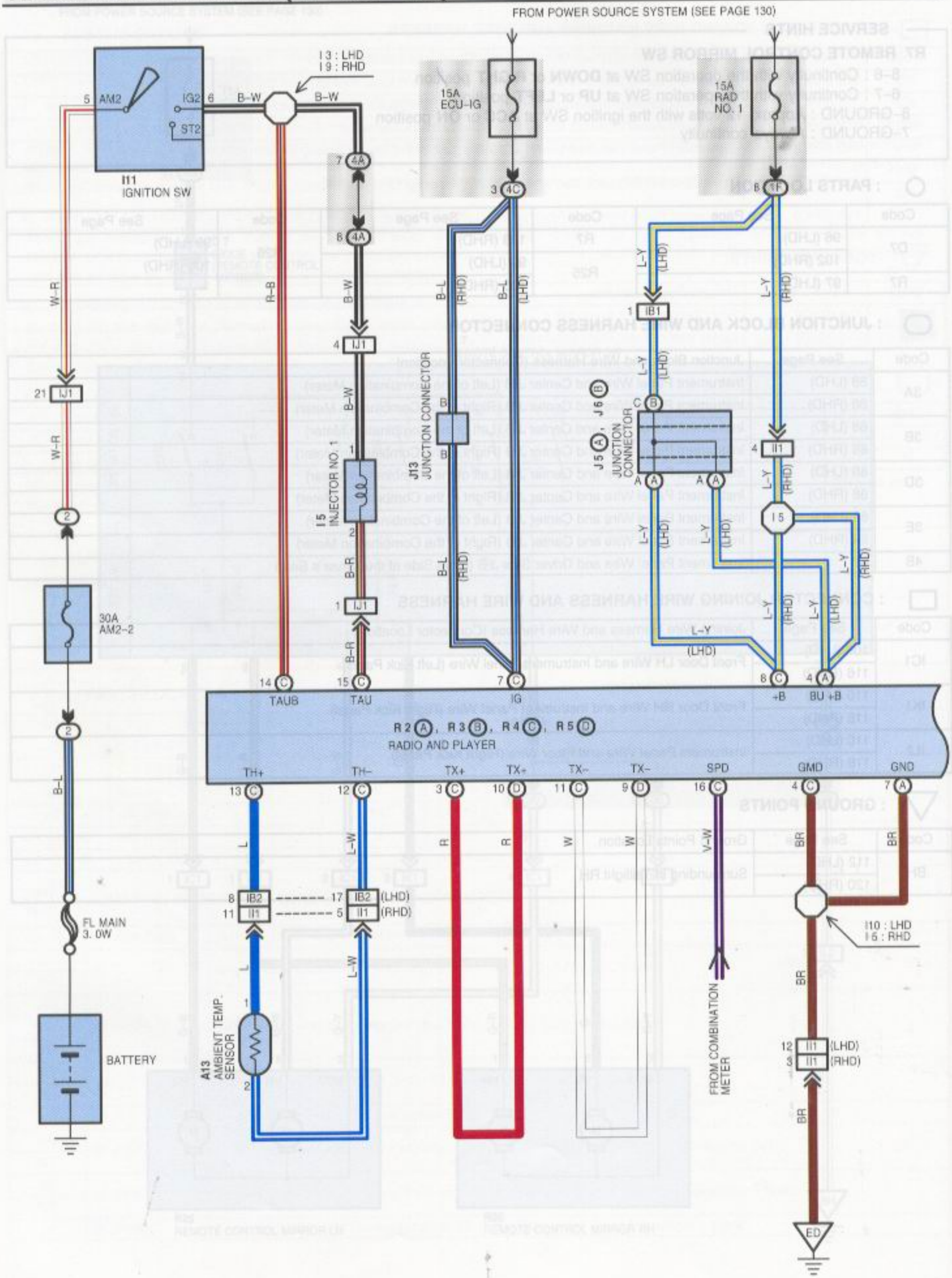
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	116 (RHD)	
IK1	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

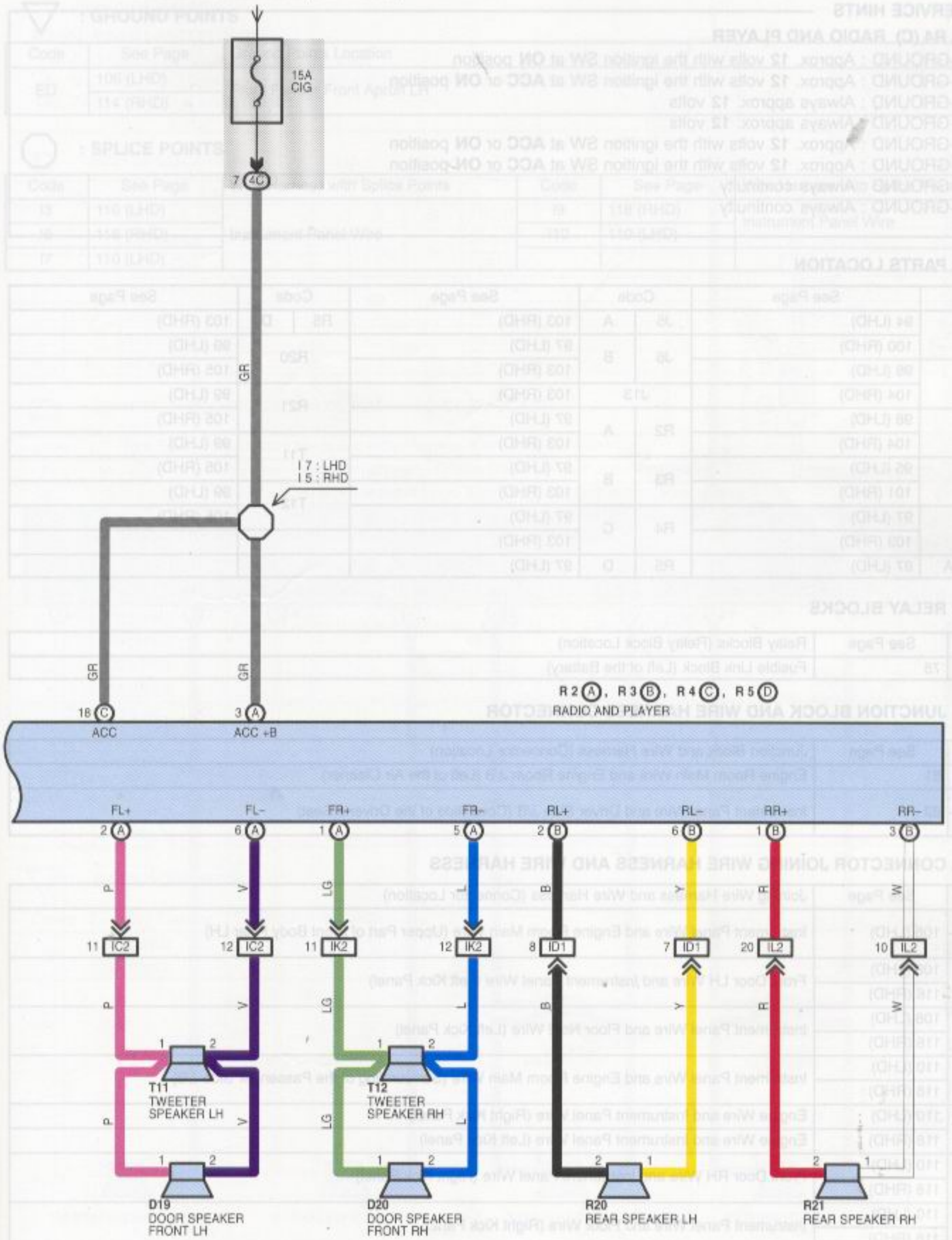
▽ : GROUND POINTS

Code	See Page	Ground Points Location
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

RADIO AND PLAYER (w/ DISPLAY)



FROM POWER SOURCE SYSTEM (SEE PAGE 130)



RADIO AND PLAYER (w/ DISPLAY)

SERVICE HINTS

R2 (A), R4 (C) RADIO AND PLAYER

(C)14-GROUND : Approx. **12** volts with the ignition SW at **ON** position
(C) 7-GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
(A) 4-GROUND : Always approx. **12** volts
(C) 8-GROUND : Always approx. **12** volts
(A) 3-GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
(C)18-GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
(A) 7-GROUND : Always continuity
(C) 4-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A13	94 (LHD)	J5 A	103 (RHD)	R5 D	103 (RHD)
	100 (RHD)	J6 B	97 (LHD)	R20	99 (LHD)
D19	98 (LHD)		103 (RHD)		105 (RHD)
	104 (RHD)	J13	103 (RHD)	R21	99 (LHD)
D20	98 (LHD)	R2 A	97 (LHD)		105 (RHD)
	104 (RHD)		103 (RHD)	T11	99 (LHD)
I5	95 (LHD)	R3 B	97 (LHD)		105 (RHD)
	101 (RHD)		103 (RHD)	T12	99 (LHD)
I11	97 (LHD)	R4 C	97 (LHD)		105 (RHD)
	103 (RHD)		103 (RHD)		
J5 A	97 (LHD)	R5 D	97 (LHD)		

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

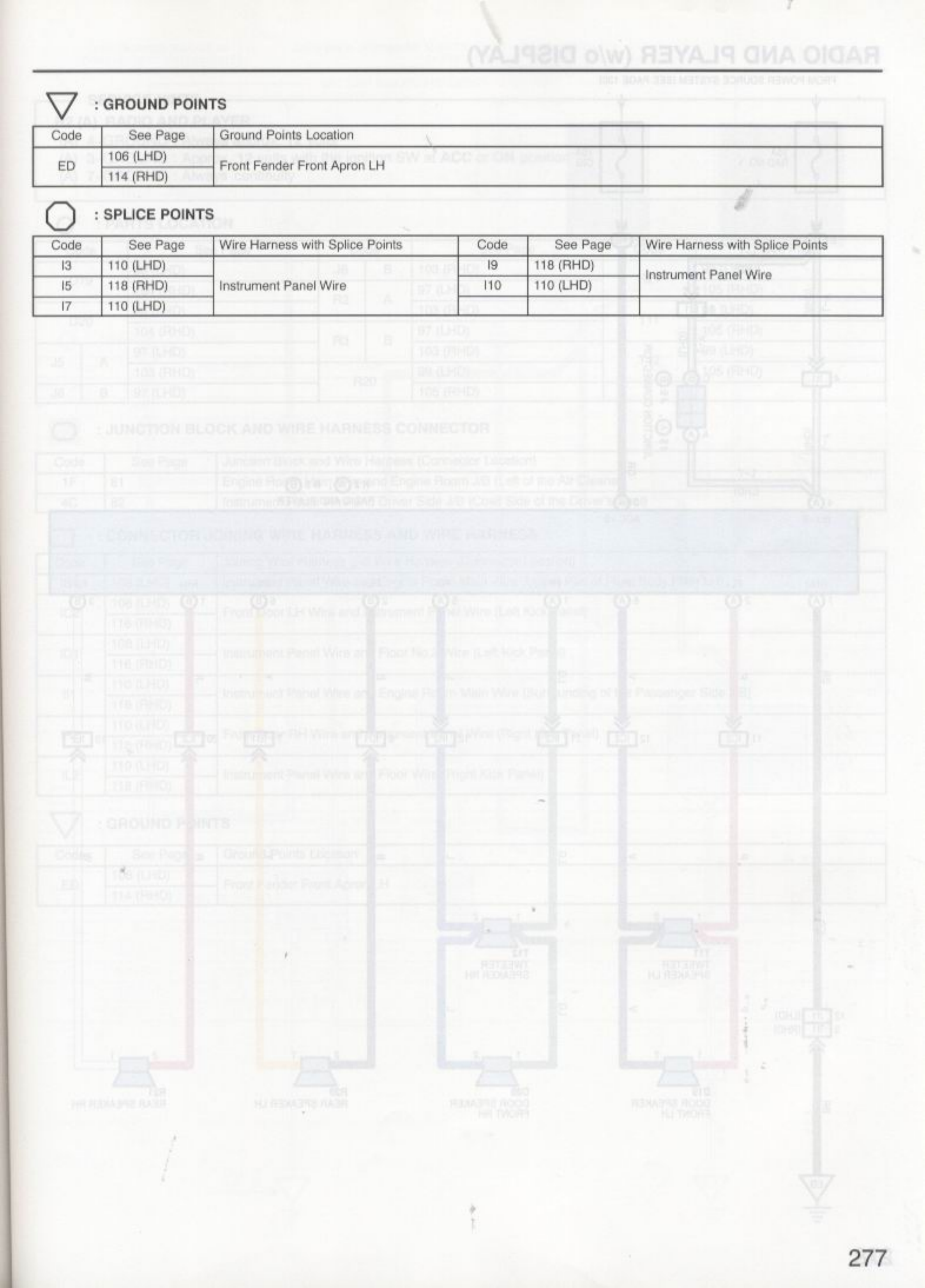
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB2		
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	116 (RHD)	
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
	116 (RHD)	
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
	118 (RHD)	
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

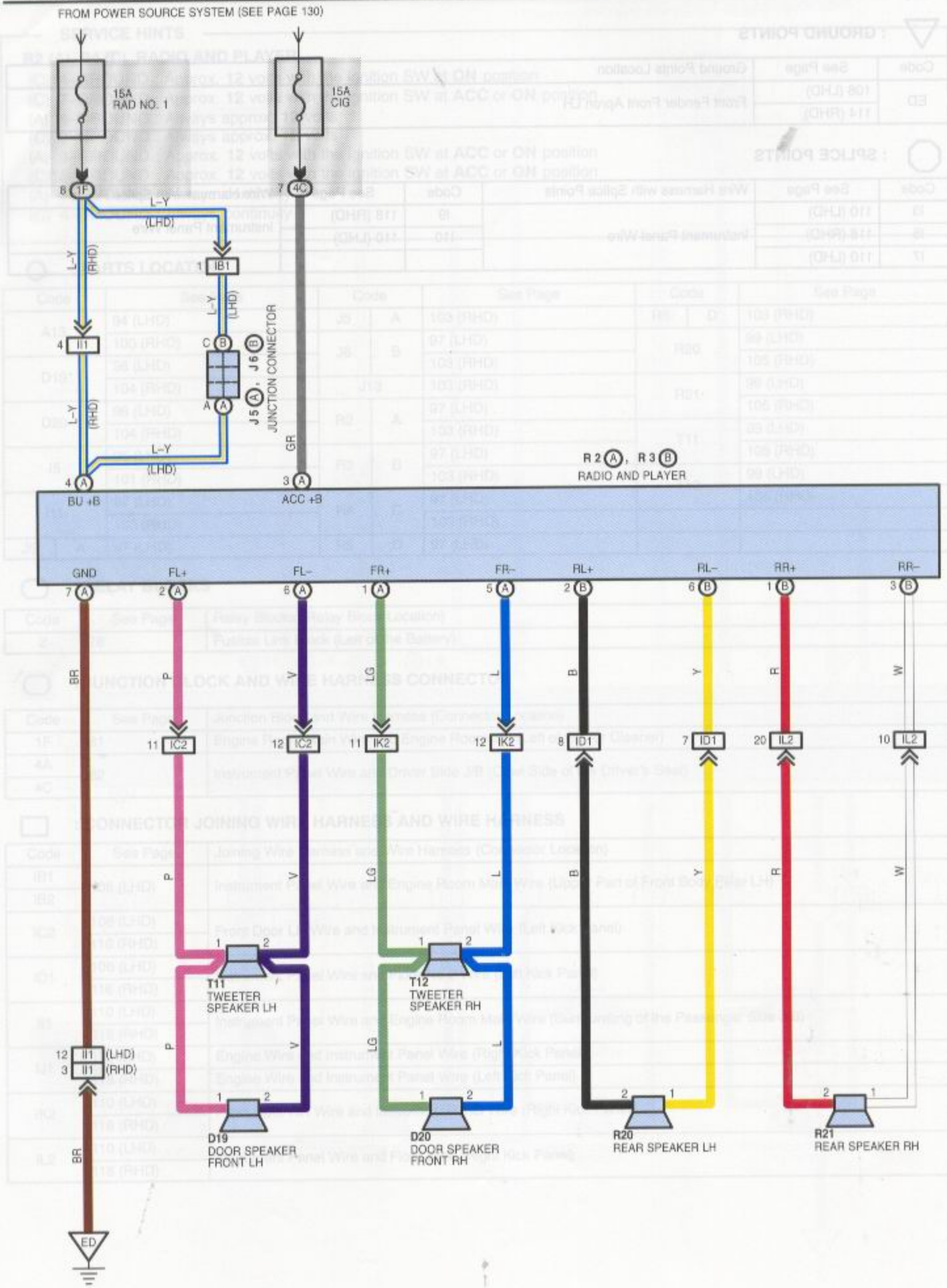
Code	See Page	Ground Points Location
ED	106 (LHD) 114 (RHD)	Front Fender Front Apron LH

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	110 (LHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire
I5	118 (RHD)		I10	110 (LHD)	
I7	110 (LHD)				



RADIO AND PLAYER (w/o DISPLAY)



SERVICE HINTS

R2 (A) RADIO AND PLAYER

(A) 4–GROUND : Always approx. **12** volts
(A) 3–GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
(A) 7–GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
D19		98 (LHD)	J6	B	103 (RHD)	R21	99 (LHD)
		104 (RHD)	R2	A	97 (LHD)		105 (RHD)
D20		98 (LHD)			103 (RHD)	T11	99 (LHD)
		104 (RHD)	R3	B	97 (LHD)		105 (RHD)
J5	A	97 (LHD)			103 (RHD)	T12	99 (LHD)
		103 (RHD)	R20		99 (LHD)		105 (RHD)
J6	B	97 (LHD)			105 (RHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

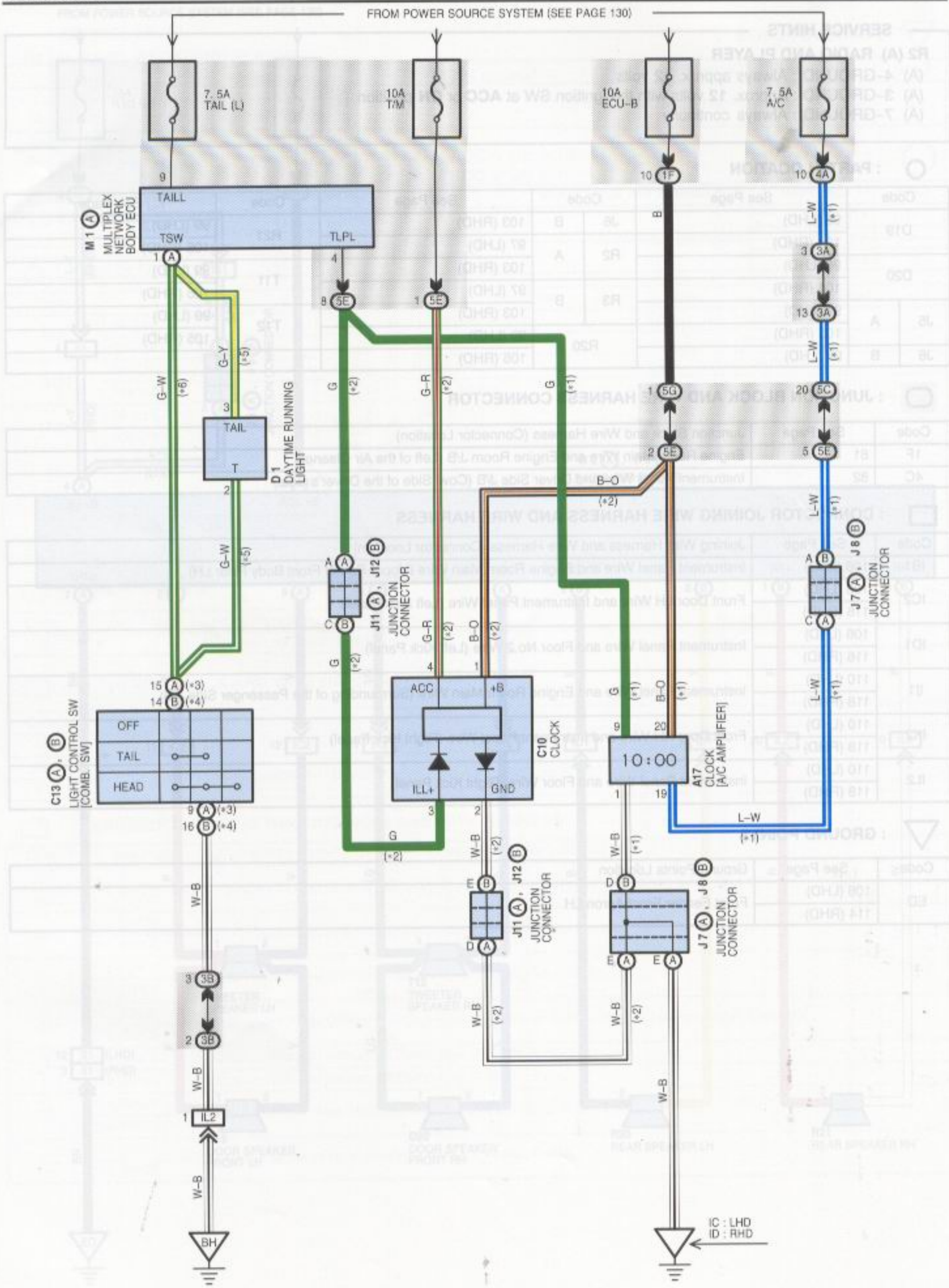
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	116 (RHD)	
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
	116 (RHD)	
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
	118 (RHD)	
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

Code	See Page	Ground Points Location
ED	106 (LHD)	Front Fender Front Apron LH
	114 (RHD)	

CLOCK

* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C
* 3 : AUSTRALIA, SINGAPORE, HONG KONG
* 4 : EXCEPT *3
* 5 : W/ DAYTIME RUNNING LIGHT
* 6 : W/O DAYTIME RUNNING LIGHT



SERVICE HINTS

A17 CLOCK [A/C AMPLIFIER]

20–GROUND : Always approx. **12** volts
19–GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
9–GROUND : Approx. **12** volts with the light control SW at **TAIL** or **HEAD** position
1–GROUND : Always continuity

C10 CLOCK

4–GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
1–GROUND : Always approx. **12** volts
3–GROUND : Approx. **12** volts with the light control SW at **TAIL** or **HEAD** position
2–GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A17		102 (RHD)	D1		96 (LHD)	J11	A	103 (RHD)
C10		96 (LHD)	J7	A	97 (LHD)	J12	B	97 (LHD)
		102 (RHD)			103 (RHD)			103 (RHD)
C13	A	102 (RHD)	J8	B	97 (LHD)	M1	A	97 (LHD)
	B	96 (LHD)			103 (RHD)			103 (RHD)
		102 (RHD)	J11	A	97 (LHD)			

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

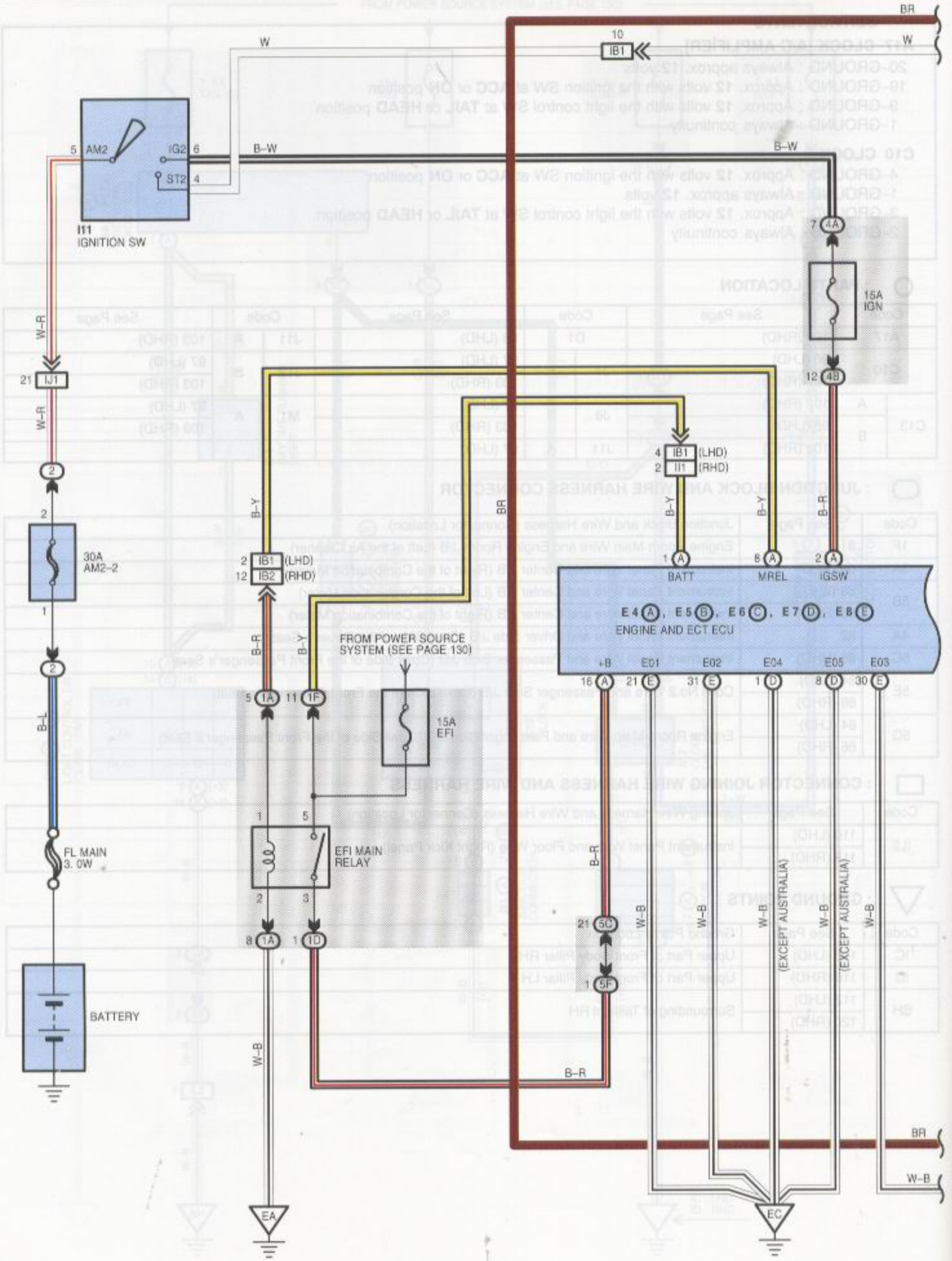
▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

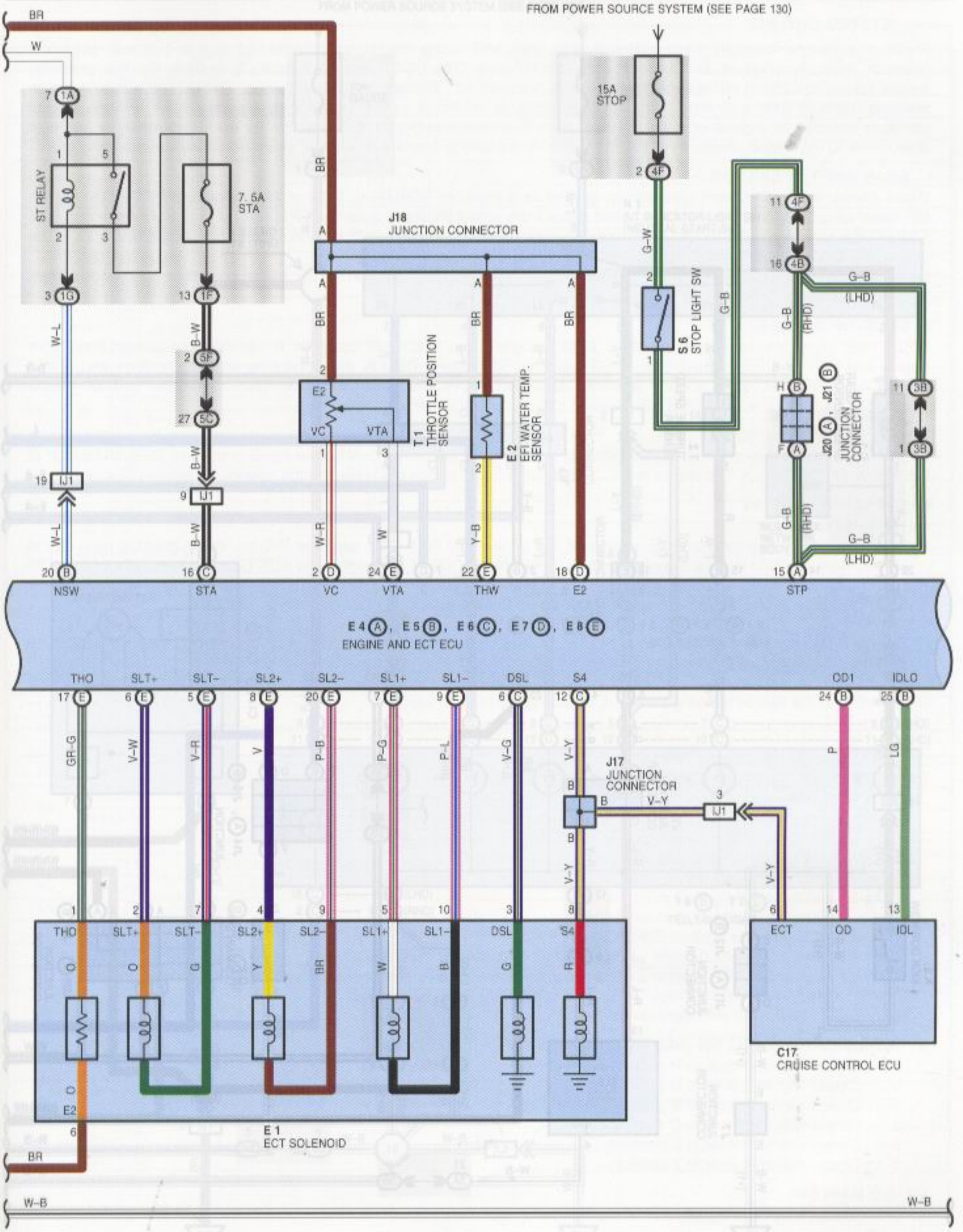
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

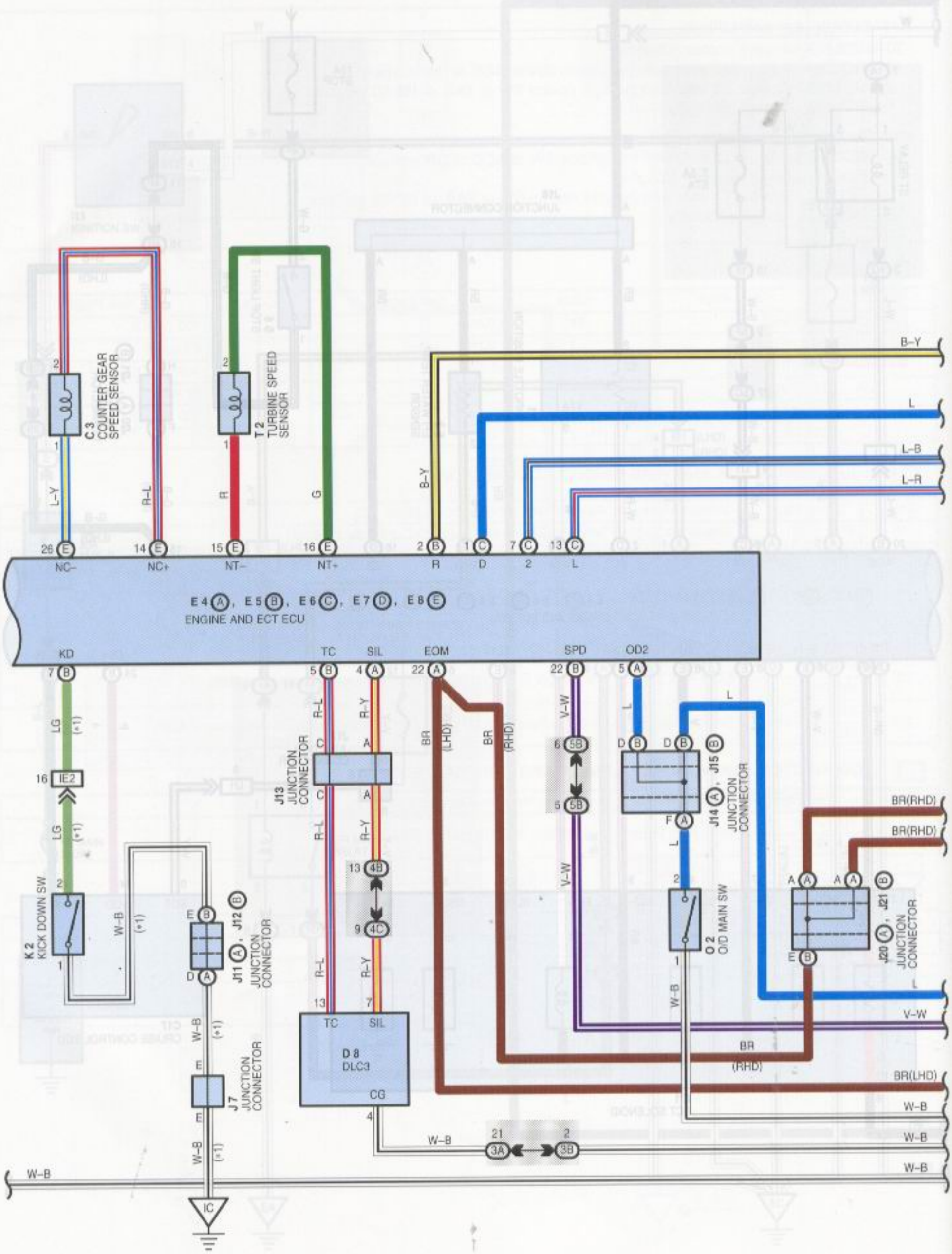
Code	See Page	Ground Points Location
IC	108 (LHD)	Upper Part of Front Body Pillar RH
ID	116 (RHD)	Upper Part of Front Body Pillar LH
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

ECT AND A/T INDICATOR

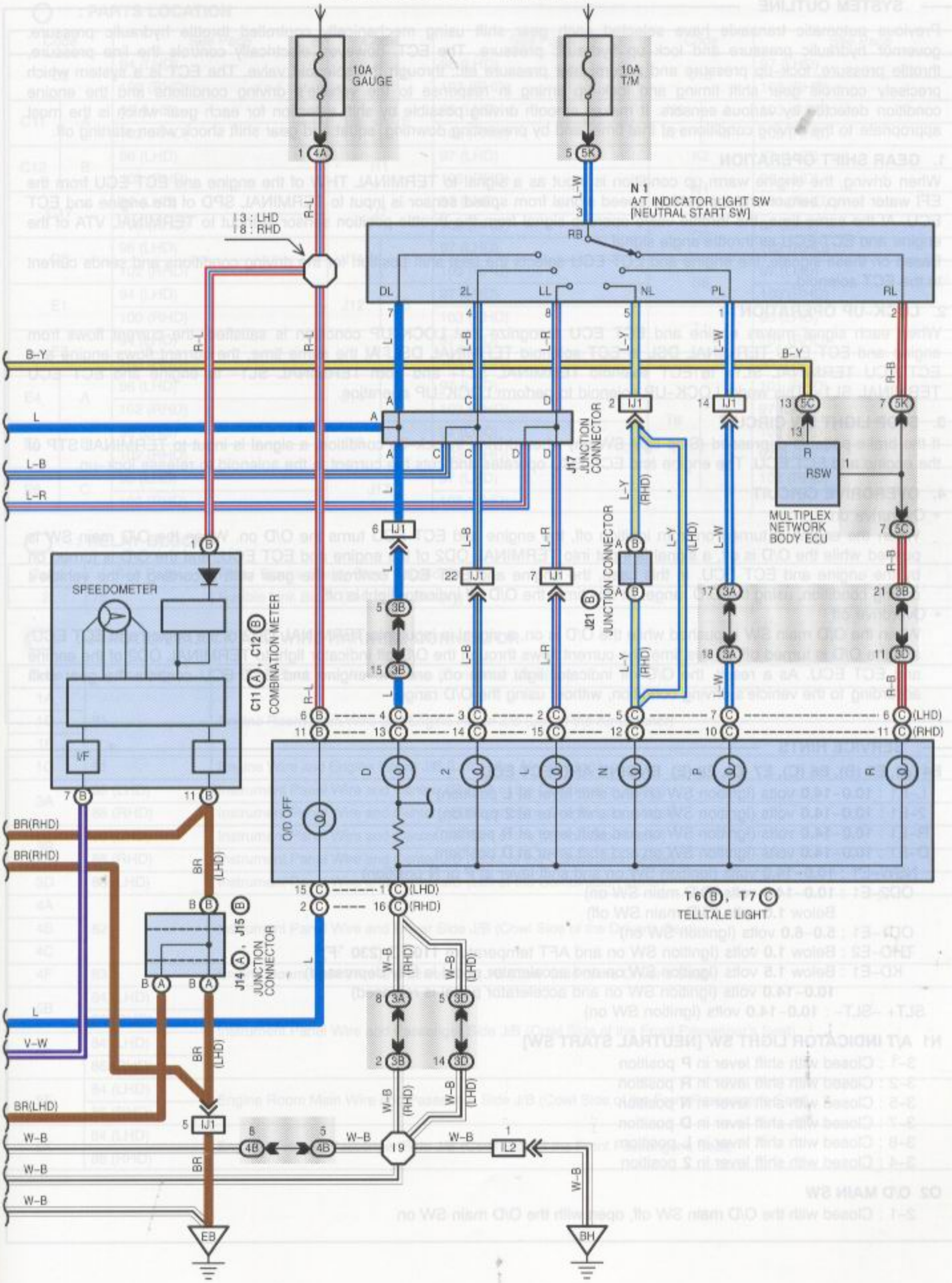



FROM POWER SOURCE SYSTEM (SEE PAGE 130)
BR
W
ST RELAY
7.5A STA
15A STOP
J18 JUNCTION CONNECTOR
J17 JUNCTION CONNECTOR
S6 STOP LIGHT SW
T1 THROTTLE POSITION SENSOR
E2 EFI WATER TEMP. SENSOR
J20 A, J21 B JUNCTION CONNECTOR
E4 A, E5 B, E6 C, E7 D, E8 E
ENGINE AND ECT ECU
NSW
STA
VC
VTA
THW
E2
STP
THO
SLT+
SLT-
SL2+
SL2-
SL1+
SL1-
DSL
S4
CD1
IDLO
E1 ECT SOLENOID
C17 CRUISE CONTROL ECU
ECT
OD
IDL
W-B

ECT AND A/T INDICATOR



FROM POWER SOURCE SYSTEM (SEE PAGE 130)



ECT AND A/T INDICATOR

SYSTEM OUTLINE

Previous automatic transaxle have selected each gear shift using mechanically controlled throttle hydraulic pressure, governor hydraulic pressure and lock-up hydraulic pressure. The ECT, however, electrically controls the line pressure, throttle pressure, lock-up pressure and accumulator pressure etc. through the solenoid valve. The ECT is a system which precisely controls gear shift timing and lock-up timing in response to the vehicle's driving conditions and the engine condition detected by various sensors. It makes smooth driving possible by shift selection for each gear which is the most appropriate to the driving conditions at that time, and by preventing downing, squat and gear shift shock when starting off.

1. GEAR SHIFT OPERATION

When driving, the engine warm up condition is input as a signal to TERMINAL THW of the engine and ECT ECU from the EFI water temp. sensor and the vehicle speed signal from speed sensor is input to TERMINAL SPD of the engine and ECT ECU. At the same time, the throttle valve opening signal from the throttle position sensor is input to TERMINAL VTA of the engine and ECT ECU as throttle angle signal.
Based on these signals, the engine and ECT ECU selects the best shift position for the driving conditions and sends current to the ECT solenoid.

2. LOCK-UP OPERATION

When each signal makes engine and ECT ECU recognize that LOCK-UP condition is satisfied, the current flows from engine and ECT ECU TERMINAL DSL to ECT solenoid TERMINAL DSL. At the same time, the current flows engine and ECT ECU TERMINAL SL1+ to ECT solenoid TERMINAL SL1+ and from TERMINAL SL1- to engine and ECT ECU TERMINAL SL1-. This works LOCK-UP solenoid to perform LOCK-UP operation.

3. STOP LIGHT SW CIRCUIT

If the brake pedal is depressed (Stop light SW on) when driving in lock-up condition, a signal is input to TERMINAL STP of the engine and ECT ECU. The engine and ECT ECU operates and cuts the current to the solenoid to release lock-up.

4. OVERDRIVE CIRCUIT

* Overdrive on
  When the engine is turned on from ignition off, the engine and ECT ECU turns the O/D on. When the O/D main SW is pushed while the O/D is off, a signal is input into TERMINAL OD2 of the engine and ECT ECU, and the O/D is turned on by the engine and ECT ECU. In this case, the engine and ECT ECU controls the gear shift according to the vehicle's driving condition, using the O/D range. At this time, the O/D off indicator light is off.
* Overdrive off
  When the O/D main SW is pushed while the O/D is on, a signal is input into TERMINAL OD2 of the engine and ECT ECU, and the O/D is turned off. At this time, the current flows through the O/D off indicator light to TERMINAL OD2 of the engine and ECT ECU. As a result, the O/D off indicator light turns on, and the engine and ECT ECU controls the gear shift according to the vehicle's driving condition, without using the O/D range.

SERVICE HINTS

E4 (A), E5 (B), E6 (C), E7 (D), E8 (E) ENGINE AND ECT ECU

L-E1 : **10.0-14.0** volts (Ignition SW on and shift lever at **L** position)
2-E1 : **10.0-14.0** volts (Ignition SW on and shift lever at **2** position)
R-E1 : **10.0-14.0** volts (Ignition SW on and shift lever at **R** position)
D-E1 : **10.0-14.0** volts (Ignition SW on and shift lever at **D** position)
NSW-E1 : **10.0-14.0** volts (Ignition SW on and shift lever at **P** or **N** position)
OD2-E1 : **10.0-14.0** volts (O/D main SW on)
Below **1.0** volts (O/D main SW off)
OD1-E1 : **5.0-6.0** volts (Ignition SW on)
THO-E2 : Below **1.0** volts (Ignition SW on and AFT temperature **110** °C (**230** °F)
KD-E1 : Below **1.5** volts (Ignition SW on and accelerator pedal is fully depressed)
10.0-14.0 volts (Ignition SW on and accelerator pedal is released)
SLT+ -SLT- : **10.0-14.0** volts (Ignition SW on)

N1 A/T INDICATOR LIGHT SW [NEUTRAL START SW]

3-1 : Closed with shift lever in **P** position
3-2 : Closed with shift lever in **R** position
3-5 : Closed with shift lever in **N** position
3-7 : Closed with shift lever in **D** position
3-8 : Closed with shift lever in **L** position
3-4 : Closed with shift lever in **2** position

O2 O/D MAIN SW

2-1 : Closed with the O/D main SW off, open with the O/D main SW on

○ : PARTS LOCATION

Code		See Page
C3		94 (LHD)
		100 (RHD)
C11	A	96 (LHD)
		102 (RHD)
C12	B	96 (LHD)
		102 (RHD)
C17		96 (LHD)
		102 (RHD)
D8		96 (LHD)
		102 (RHD)
E1		94 (LHD)
		100 (RHD)
E2		94 (LHD)
		100 (RHD)
E4	A	96 (LHD)
		102 (RHD)
E5	B	96 (LHD)
		102 (RHD)
E6	C	96 (LHD)
		102 (RHD)
E7	D	96 (LHD)
		102 (RHD)
E8	E	96 (LHD)
		102 (RHD)
I11		97 (LHD)
		103 (RHD)
J7		97 (LHD)
		103 (RHD)
J11	A	97 (LHD)
		103 (RHD)
J12	B	97 (LHD)
		103 (RHD)
J13		97 (LHD)
		103 (RHD)
J14	A	97 (LHD)
		103 (RHD)
J15	B	97 (LHD)
		103 (RHD)
J17		97 (LHD)
		103 (RHD)
J18		97 (LHD)
		103 (RHD)
J20	A	103 (RHD)
J21	B	103 (RHD)
K2		97 (LHD)
N1		95 (LHD)
		101 (RHD)
O2		97 (LHD)
		103 (RHD)
S6		97 (LHD)
		103 (RHD)
T1		95 (LHD)
		101 (RHD)
T2		95 (LHD)
		101 (RHD)
T6	B	97 (LHD)
		103 (RHD)
T7	C	97 (LHD)
		103 (RHD)

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1D		
1F		
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5B	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5C	84 (LHD)	
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5K	84 (LHD)	Engine Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

ECT AND A/T INDICATOR

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IE2	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

▽ : GROUND POINTS

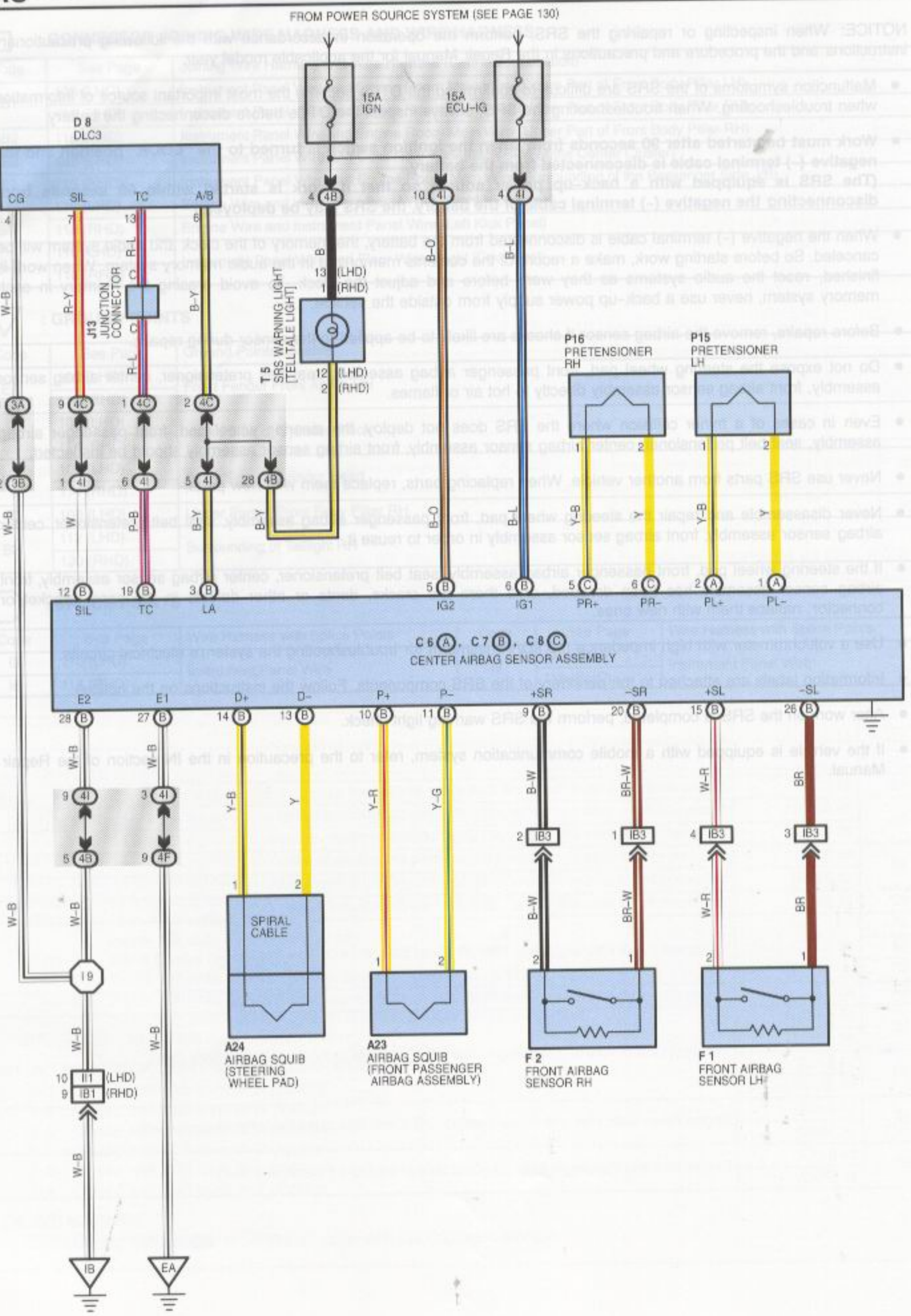
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
EB	106 (LHD)	Intake Side of Cylinder Block
	114 (RHD)	
EC	106 (LHD)	Right Side of Cylinder Head
	114 (RHD)	
IC	108 (LHD)	Upper Part of Front Body Pillar RH
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	110 (LHD)	Instrument Panel Wire	I9	110 (LHD)	Instrument Panel Wire
I8	118 (RHD)			118 (RHD)	

NOTICE: When inspecting or repairing the SRS, perform the operation in accordance with the following precautionary instructions and the procedure and precautions in the Repair Manual for the applicable model year.

- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started after 90 seconds from when the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.**
  (The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may be deployed.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be canceled. So before starting work, make a record of the contents memorized in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. To avoid erasing the memory in each memory system, never use a back-up power supply from outside the vehicle.
- Before repairs, remove the airbag sensor if shocks are likely to be applied to the sensor during repairs.
- Do not expose the steering wheel pad, front passenger airbag assembly, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly directly to hot air or flames.
- Even in cases of a minor collision where the SRS does not deploy, the steering wheel pad, front passenger airbag assembly, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly should be inspected.
- Never use SRS parts from another vehicle. When replacing parts, replace them with new parts.
- Never disassemble and repair the steering wheel pad, front passenger airbag assembly, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly in order to reuse it.
- If the steering wheel pad, front passenger airbag assembly, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly has been dropped, or if there are cracks, dents or other defects in the case, bracket or connector, replace them with new ones.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting the system's electrical circuits.
- Information labels are attached to the periphery of the SRS components. Follow the instructions on the notices.
- After work on the SRS is completed, perform the SRS warning light check.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
15A IGN
15A ECU-IG
D 8 DLC3
CG
SIL
TC
A/B
J13 JUNCTION CONNECTOR
T 5 SRS WARNING LIGHT [TELLTALE LIGHT]
13 (LHD)
1 (RHD)
12 (LHD)
2 (RHD)
P16 PRETENSIONER RH
P15 PRETENSIONER LH
W-B
R-Y
R-L
B-Y
B
B-O
B-L
Y-B
Y
W
P-B
SIL
TC
LA
IG2
IG1
PR+
PR-
PL+
PL-
C 6 (A), C 7 (B), C 8 (C)
CENTER AIRBAG SENSOR ASSEMBLY
E2
E1
D+
D-
P+
P-
+SR
-SR
+SL
-SL
SPIRAL CABLE
A24 AIRBAG SQUIB (STEERING WHEEL PAD)
A23 AIRBAG SQUIB (FRONT PASSENGER AIRBAG ASSEMBLY)
F 2 FRONT AIRBAG SENSOR RH
F 1 FRONT AIRBAG SENSOR LH
B-W
BR-W
W-R
BR
10 (LHD)
9 (RHD)
I8
EA

SYSTEM OUTLINE

The SRS is a driver and front passenger protection device which has a supplemental role to the seat belts.
When the ignition SW is on does the current flow from the ECU-IG fuse to TERMINAL IG1 of the center airbag sensor assembly.
If an accident occurs while driving, when the frontal impact exceeds a set level, current from the ECU-IG fuse flows to TERMINALS D+, P+, PL+ and PR+ of the center airbag sensor assembly to TERMINAL 1 of the airbag squibs and the pretensioners to TERMINAL 1 to TERMINALS D-, P-, PL- and PR- of the center airbag sensor assembly to TERMINAL E1, E2 or BODY GROUND to GROUND, so that current flows to the front airbag squibs and the pretensioners and causes them to operate.
The airbag stored inside the steering wheel pad is instantaneously expanded to soften the shock to the driver.
The airbag stored inside the passenger's instrument panel is instantaneously expanded to soften the shock to the front passenger.
The pretensioners make sure of the seat belt restrainability.

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A23	96 (LHD)	C8 C	96 (LHD)	J13	97 (LHD)
	102 (RHD)		102 (RHD)		103 (RHD)
A24	96 (LHD)	D8	96 (LHD)	P15	99 (LHD)
	102 (RHD)		102 (RHD)		105 (RHD)
C6 A	96 (LHD)	F1	94 (LHD)	P16	99 (LHD)
	102 (RHD)		100 (RHD)		105 (RHD)
C7 B	96 (LHD)	F2	94 (LHD)	T5	97 (LHD)
	102 (RHD)		100 (RHD)		103 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4I	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB3	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)

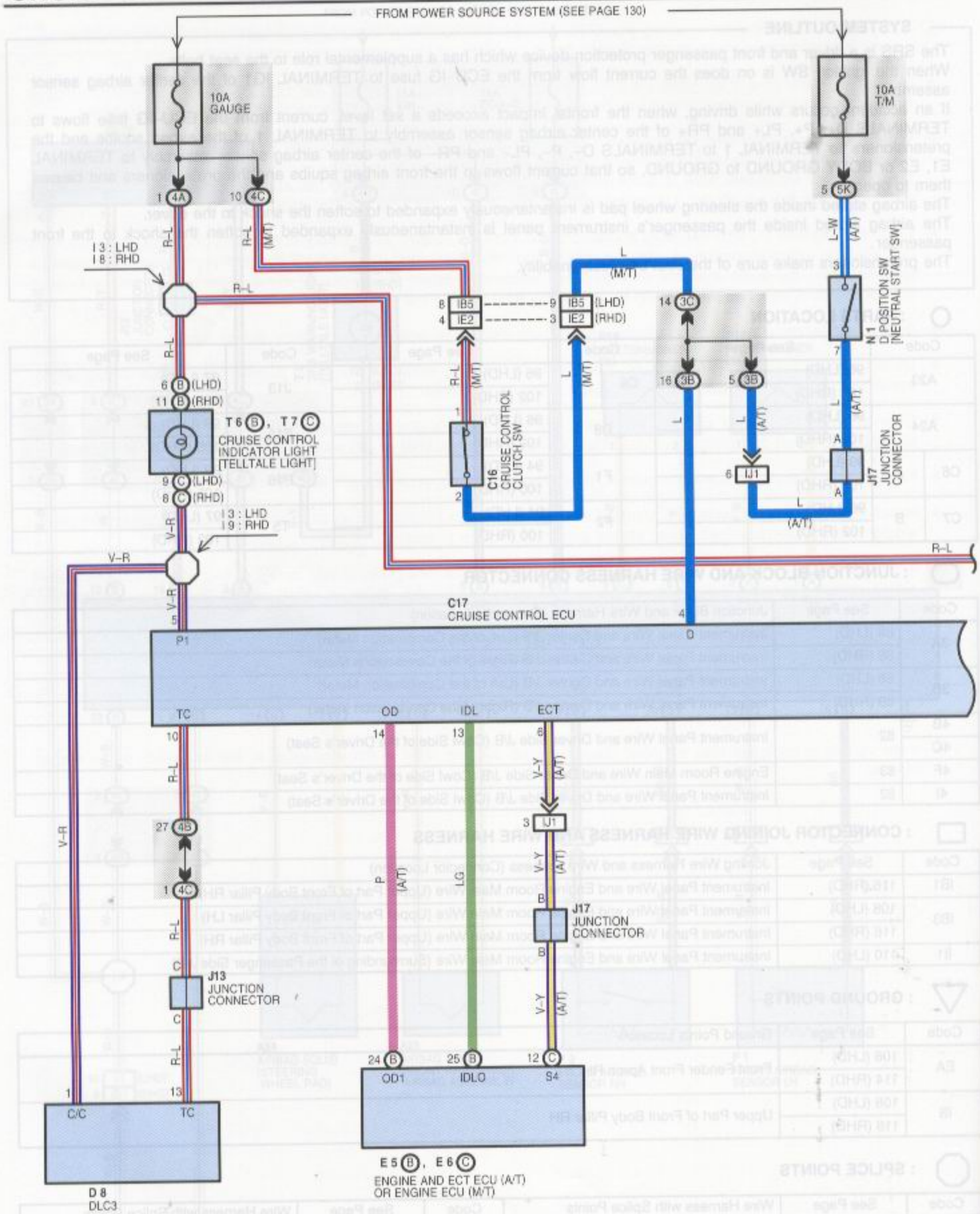
▽ : GROUND POINTS

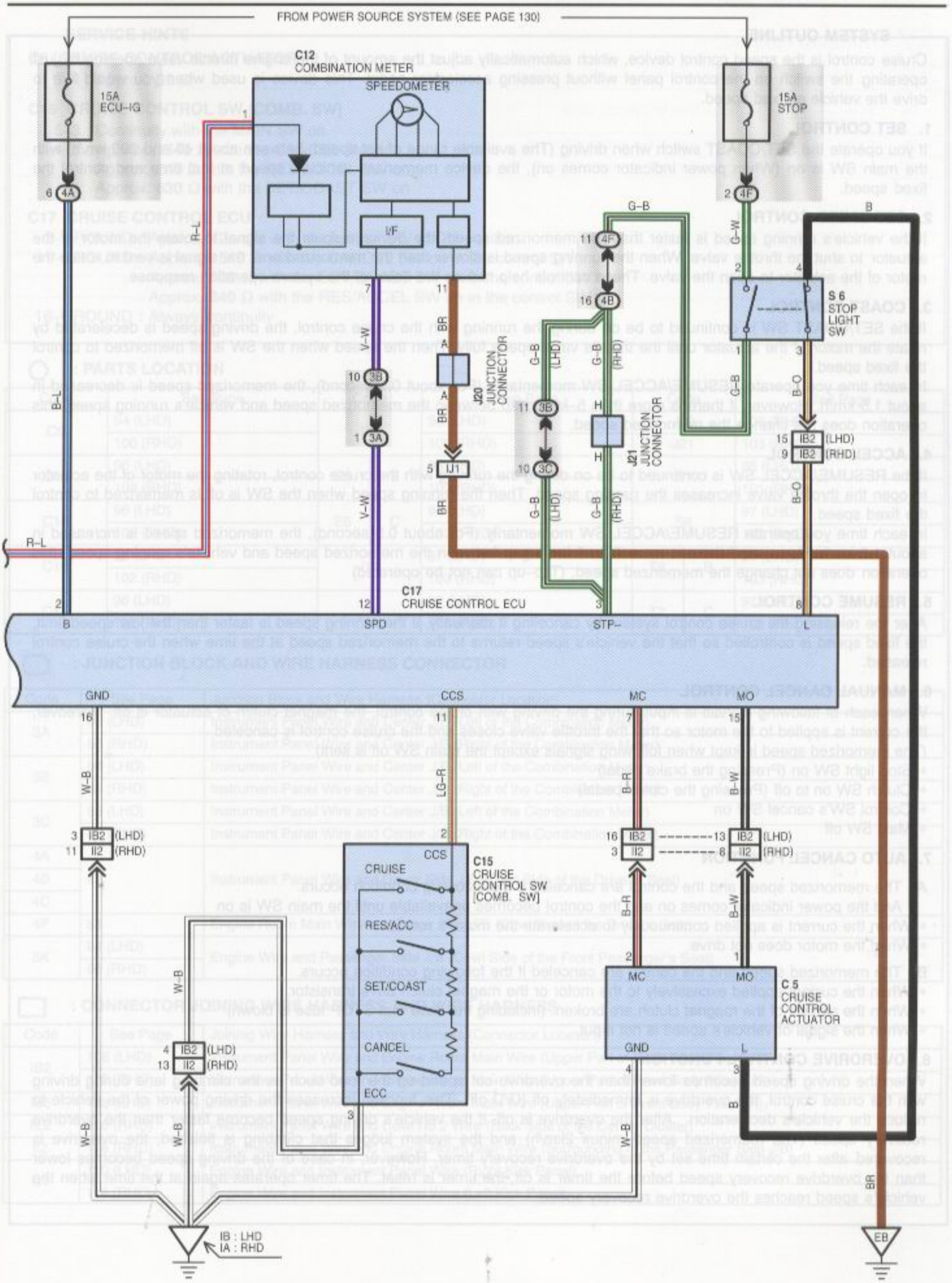
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	

⯃ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	110 (LHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire

CRUISE CONTROL




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
C12
COMBINATION METER
SPEEDOMETER
I/F
15A
ECU-IG
15A
STOP
S 6
STOP
LIGHT
SW
J20
JUNCTION
CONNECTOR
J21
JUNCTION
CONNECTOR
C17
CRUISE CONTROL ECU
B
SPD
STP-
L
GND
CCS
MC
MO
C15
CRUISE
CONTROL SW
[COMB. SW]
CRUISE
RES/ACC
SET/COAST
CANCEL
ECC
C 5
CRUISE
CONTROL
ACTUATOR
IB : LHD
IA : RHD
EB

CRUISE CONTROL

SYSTEM OUTLINE

Cruise control is the speed control device, which automatically adjust the amount of the engine throttle valve opening by just operating the switch on the control panel without pressing accelerator pedal. This device is used when you would like to drive the vehicle at fixed speed.

1. SET CONTROL

If you operate the SET/COAST switch when driving (The available range of set speed: between about 40 and 200 km/h) with the main SW is on (When power indicator comes on), the device memorizes vehicle's speed at that time and control the fixed speed.

2. SET SPEED CONTROL

If the vehicle's running speed is faster than the memorized speed, the device outputs the signal to rotate the motor of the actuator to shut the throttle valve. When the running speed is slower than the memorized one, the signal is sent to rotate the motor of the actuator to open the valve. These controls help reduce the delay of the system operation response.

3. COAST CONTROL

If the SET/COAST SW is continued to be on during the running with the cruise control, the driving speed is decelerated by rotate the motor of the actuator until the throttle valve opens fully. Then the speed when the SW is off memorized to control the fixed speed.

In each time you operate RESUME/ACCEL SW momentarily (For about 0.5 second), the memorized speed is decreased in about 1.5 km/h. However, if there is more than 5-km/h gap between the memorized speed and vehicle's running speed, this operation does not change the memorized speed.

4. ACCEL CONTROL

If the RESUME/ACCEL SW is continued to be on during the running with the cruise control, rotating the motor of the actuator to open the throttle valve increases the running speed. Then the running speed when the SW is off is memorized to control the fixed speed.

In each time you operate RESUME/ACCEL SW momentarily (For about 0.5 second), the memorized speed is increased in about 1.5 km/h. However, if there is more than 5 km/h gap between the memorized speed and vehicle's running speed, this operation does not change the memorized speed. (Tap-up can not be operated)

5. RESUME CONTROL

After the releasing the cruise control system by canceling it manually, if the running speed is faster than the low speed limit, the fixed speed is controlled so that the vehicle's speed returns to the memorized speed at the time when the cruise control released.

6. MANUAL CANCEL CONTROL

When each of following signals is input during the driving with cruise control, the magnet clutch of actuator is off. Moreover, the current is applied to the motor so that the throttle valve closes and the cruise control is canceled.
(The memorized speed is kept when following signals except the main SW off is sent)

* Stop light SW on (Pressing the brake pedal)
* Clutch SW on to off (Pressing the clutch pedal)
* Control SW's cancel SW on
* Main SW off

7. AUTO CANCEL FUNCTION

A) The memorized speed and the control are canceled if the following condition occurs.
And the power indicator comes on and the control becomes unavailable until the main SW is on

* When the current is applied continuously to accelerate the motor's rotation.
* When the motor does not drive.

B) The memorized speed and the control are canceled if the following condition occurs.

* When the current applied excessively to the motor or the magnet clutch drive transistor.
* When the circuits of the magnet clutch are broken. (Including the case that STOP fuse is blown)
* When the signal of vehicle's speed is not input.

8. OVERDRIVE CONTROL FUNCTION

When the driving speed becomes lower than the overdrive cut speed on the road such as the climbing lane during driving with the cruise control, the overdrive is immediately off (O/D off). This function increases the driving power of the vehicle to reduce the vehicle's deceleration. After the overdrive is off, if the vehicle's driving speed become faster than the overdrive recovery speed (The memorized speed minus 2km/h) and the system judges that climbing is finished, the overdrive is recovered after the certain time set by the overdrive recovery timer. However, in case of the driving speed becomes lower than the overdrive recovery speed before the timer is off, the timer is reset. The timer operates again at the time when the vehicle's speed reaches the overdrive recovery speed.

SERVICE HINTS

C5 CRUISE CONTROL ACTUATOR

3–4 : Approx. **38** Ω

C15 CRUISE CONTROL SW [COMB. SW]

5–3 : Continuity with the MAIN SW on
4–3 : Approx. **1540** Ω with the CANCEL SW on
Approx. **240** Ω with the RES/ACCEL SW on
Approx. **630** Ω with the SET/COAST SW on

C17 CRUISE CONTROL ECU

2–GROUND : Approx. **12** volts with the ignition SW at **ON** position
11–GROUND : Approx. **1540** Ω with the CANCEL SW on in the control SW
Approx. **630** Ω with the SET/COAST SW on in the control SW
Approx. **240** Ω with the RES/ACCEL SW on in the control SW
16–GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C5	94 (LHD)	D8	96 (LHD)	J20	103 (RHD)
	100 (RHD)		102 (RHD)	J21	103 (RHD)
C12	96 (LHD)	E5 B	96 (LHD)	N1	95 (LHD)
	102 (RHD)		102 (RHD)		101 (RHD)
C15	96 (LHD)	E6 C	96 (LHD)	S6	97 (LHD)
	102 (RHD)		102 (RHD)		103 (RHD)
C16	96 (LHD)	J13	97 (LHD)	T6 B	97 (LHD)
	102 (RHD)		103 (RHD)		103 (RHD)
C17	96 (LHD)	J17	97 (LHD)	T7 C	97 (LHD)
	102 (RHD)		103 (RHD)		103 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5K	84 (LHD)	Engine Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB5	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IE2	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
II2	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)

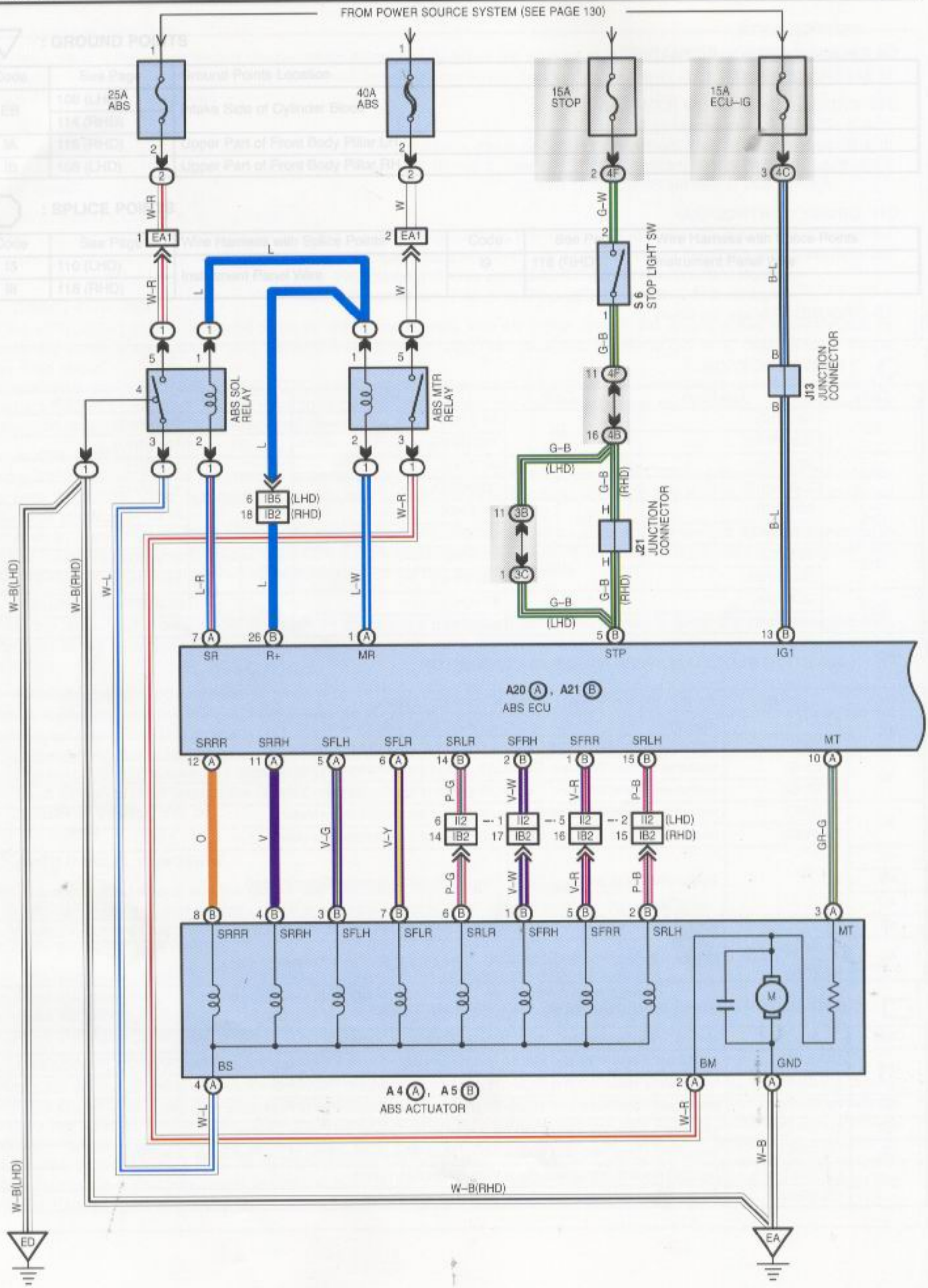
CRUISE CONTROL

▽ : GROUND POINTS

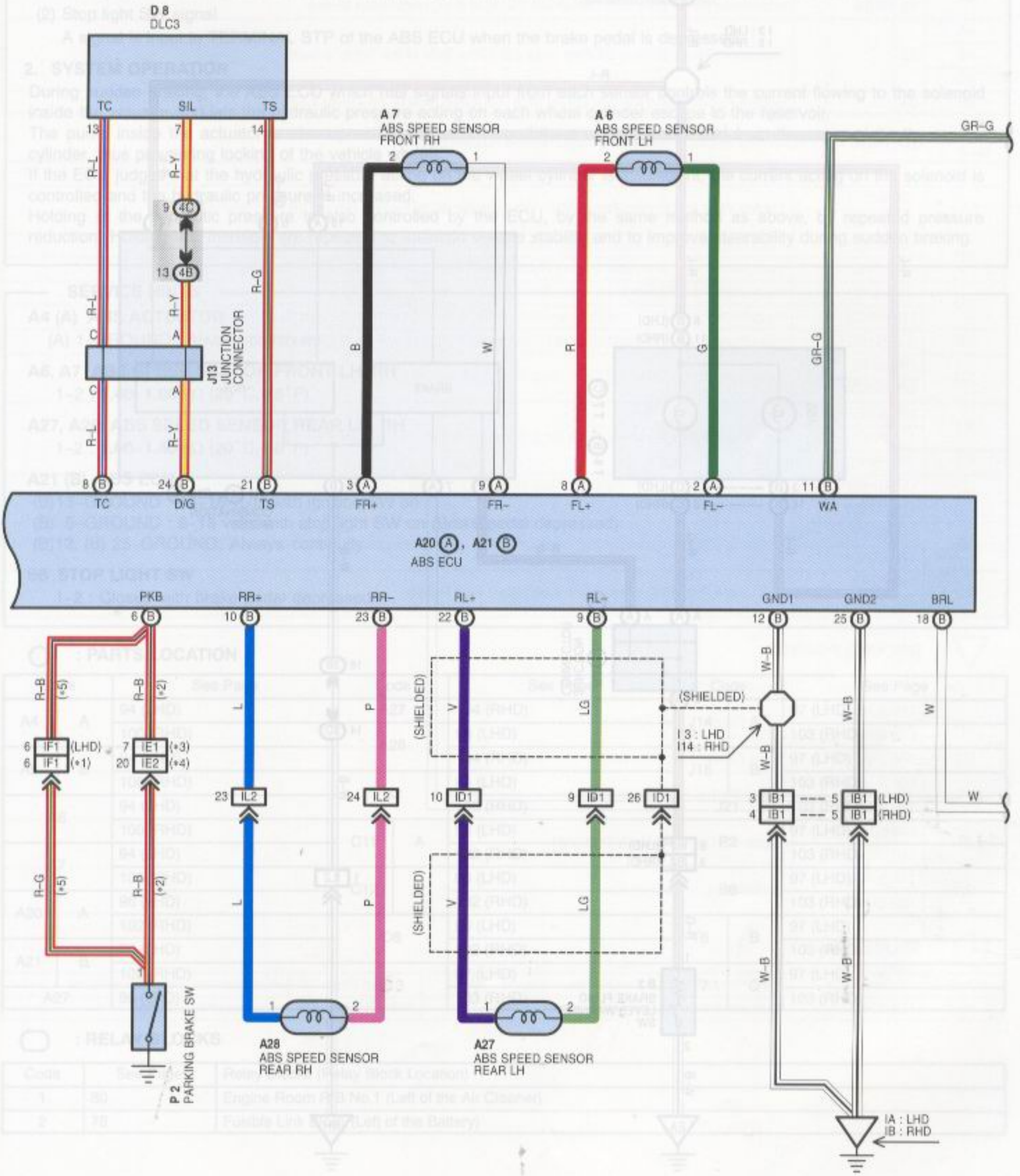
Code	See Page	Ground Points Location
EB	106 (LHD)	Intake Side of Cylinder Block
	114 (RHD)	
IA	116 (RHD)	Upper Part of Front Body Pillar LH
IB	108 (LHD)	Upper Part of Front Body Pillar RH

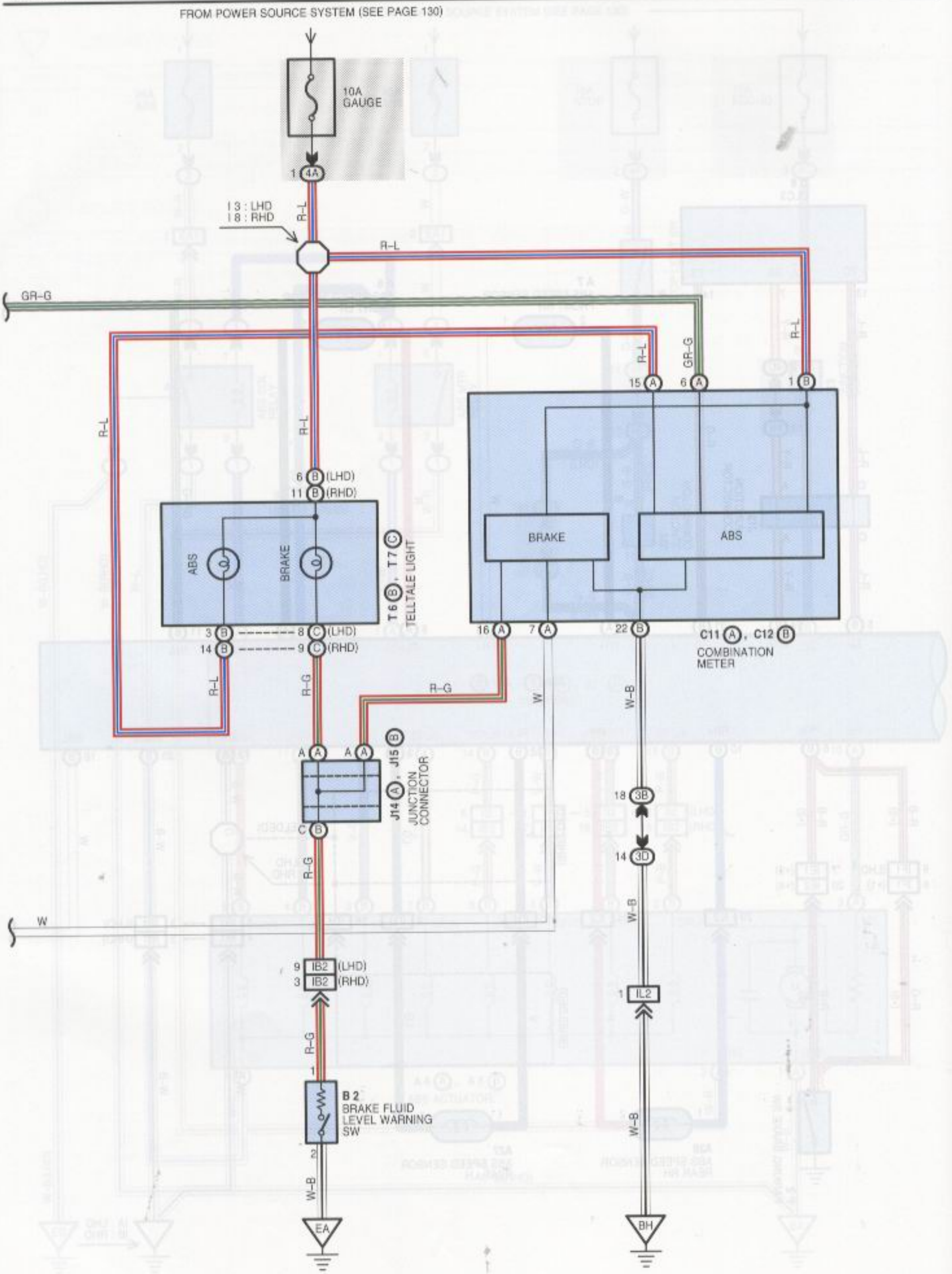
○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	110 (LHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire
I8	118 (RHD)				


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
25A ABS
40A ABS
15A STOP
15A ECU-IG
EA1
W-R
W
L
G-W
G-B
B-L
S6 STOP LIGHT SW
J13 JUNCTION CONNECTOR
J21 JUNCTION CONNECTOR
ABS SOL RELAY
ABS MTR RELAY
IB5 (LHD)
IB2 (RHD)
W-B(LHD)
W-B(RHD)
W-L
L-R
L-W
SR
R+
MR
STP
IG1
A20 A, A21 B
ABS ECU
SRRR
SRRH
SFLH
SFLR
SRLR
SFRH
SFRR
SRLH
MT
O
V
V-G
V-Y
P-G
V-W
V-R
P-B
Gr-G
II2
IB2
BS
BM
GND
M
A4 A, A5 B
ABS ACTUATOR
EA
ED

* 1 : RHD EXCEPT AUSTRALIA
* 2 : AUSTRALIA
* 3 : MANUAL A/C
* 4 : AUTOMATIC A/C
* 5 : EXCEPT AUSTRALIA




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A
GAUGE
1 4A
I 3 : LHD
I 8 : RHD
R-L
R-L
GR-G
R-L
R-L
GR-G
R-L
15 A
6 A
1 B
6 B (LHD)
11 B (RHD)
ABS
BRAKE
T6 B, T7 C
TELLTALE LIGHT
BRAKE
ABS
3 B -------- 8 C (LHD)
14 B -------- 9 C (RHD)
16 A
7 A
22 B
C11 A, C12 B
COMBINATION
METER
R-L
R-G
R-G
W
W-B
A A A A
J15 B
J14 A, J15 B
JUNCTION
CONNECTOR
18 3B
14 3D
C B
R-G
W
W-B
9 IB2 (LHD)
3 IB2 (RHD)
1 IL2
R-G
1
B 2
BRAKE FLUID
LEVEL WARNING
SW
2
W-B
W-B
EA
BH

SYSTEM OUTLINE

This system controls the respective brake fluid pressures acting on the disc brake cylinders of the right front wheel, left front wheel, and rear wheels when the brakes are applied in a panic stop so that wheels do not lock.
This results in improved directional stability and steerability during panic braking.

1. INPUT SIGNALS

(1) Speed sensor signal
The speed of the wheels is detected and input to TERMINALS FL+, FR+, RL+ and RR+ of the ABS ECU.

(2) Stop light SW signal
A signal is input to TERMINAL STP of the ABS ECU when the brake pedal is depressed.

2. SYSTEM OPERATION

During sudden braking, the ABS ECU which has signals input from each sensor controls the current flowing to the solenoid inside the actuator and lets the hydraulic pressure acting on each wheel cylinder escape to the reservoir.
The pump inside the actuator is also operating at this time and it returns the brake fluid from the reservoir to the master cylinder, thus preventing locking of the vehicle wheels.
If the ECU judges that the hydraulic pressure acting on the wheel cylinder is insufficient, the current acting on the solenoid is controlled and the hydraulic pressure is increased.
Holding of the hydraulic pressure is also controlled by the ECU, by the same method as above, by repeated pressure reduction. Holding and increase are repeated to maintain vehicle stability and to improve steerability during sudden braking.

SERVICE HINTS

A4 (A) ABS ACTUATOR
(A) 1–GROUND : Always continuity

A6, A7 ABS SPEED SENSOR FRONT LH, RH
1–2 : **1.40–1.80** kΩ (**20**°C, **68**°F)

A27, A28 ABS SPEED SENSOR REAR LH, RH
1–2 : **1.00–1.40** kΩ (**20**°C, **68**°F)

A21 (B) ABS ECU
(B)13–GROUND : **10–16** volts with ignition SW on
(B) 5–GROUND : **8–16** volts with stop light SW on (Brake pedal depressed)
(B)12, (B) 25–GROUND: Always continuity

S6 STOP LIGHT SW
1–2 : Closed with brake pedal depressed

○ : PARTS LOCATION

Code		See Page
A4	A	94 (LHD)
		100 (RHD)
A5	B	94 (LHD)
		100 (RHD)
A6		94 (LHD)
		100 (RHD)
A7		94 (LHD)
		100 (RHD)
A20	A	96 (LHD)
		102 (RHD)
A21	B	96 (LHD)
		102 (RHD)
A27		98 (LHD)

Code		See Page
A27		104 (RHD)
A28		98 (LHD)
		104 (RHD)
B2		94 (LHD)
		100 (RHD)
C11	A	96 (LHD)
		102 (RHD)
C12	B	96 (LHD)
		102 (RHD)
D8		96 (LHD)
		102 (RHD)
J13		97 (LHD)
		103 (RHD)

Code		See Page
J14	A	97 (LHD)
		103 (RHD)
J15	B	97 (LHD)
		103 (RHD)
J21		103 (RHD)
P2		97 (LHD)
		103 (RHD)
S6		97 (LHD)
		103 (RHD)
T6	B	97 (LHD)
		103 (RHD)
T7	C	97 (LHD)
		103 (RHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	80	Engine Room R/B No.1 (Left of the Air Cleaner)
2	78	Fusible Link Block (Left of the Battery)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3C		
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	106 (LHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
	114 (RHD)	
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB5	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
	116 (RHD)	
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
	116 (RHD)	
IE2	116 (RHD)	
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
	110 (LHD)	
II2	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
	118 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	

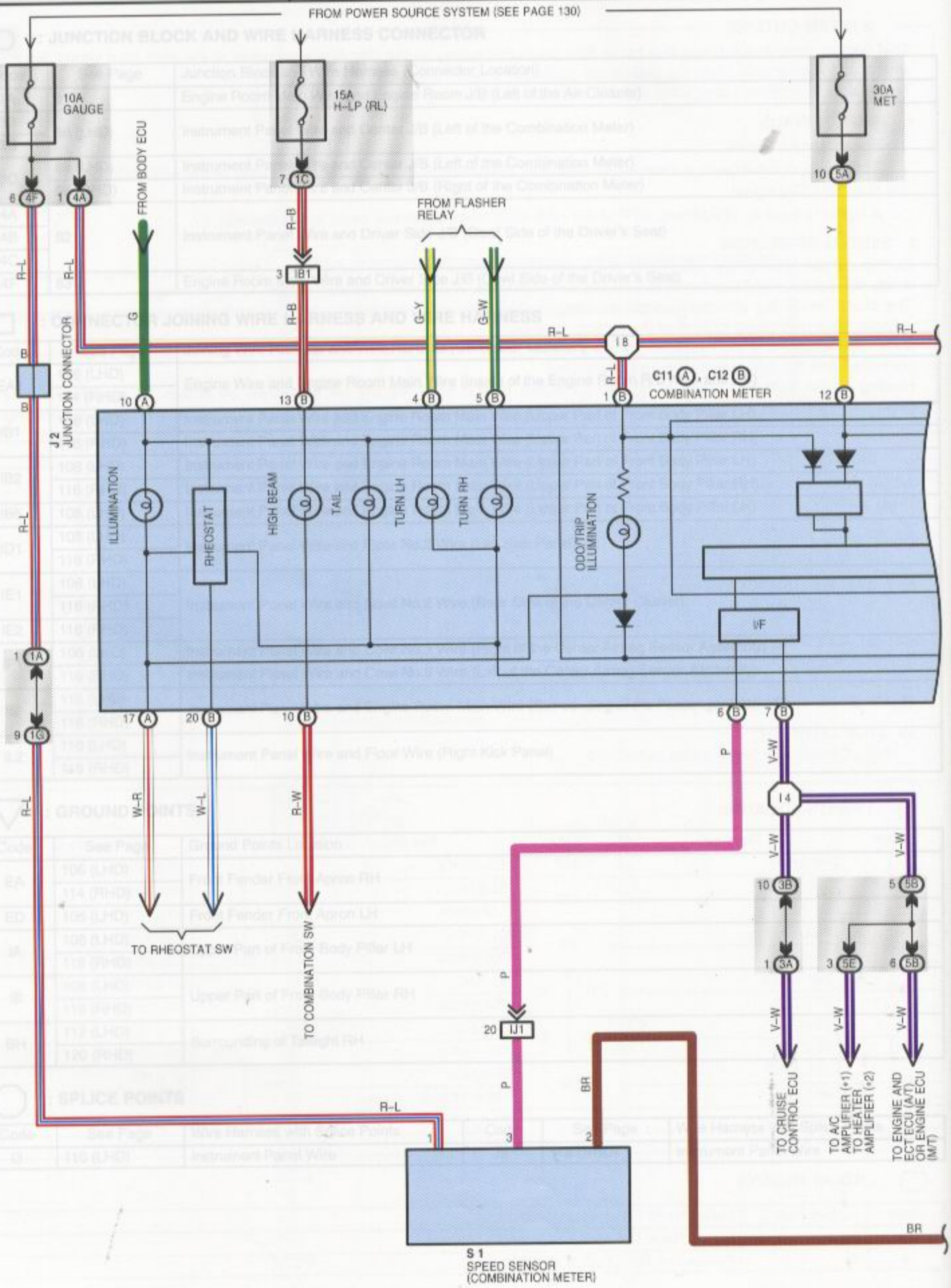
: GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	
ED	106 (LHD)	Front Fender Front Apron LH
IA	108 (LHD)	Upper Part of Front Body Pillar LH
	116 (RHD)	
IB	108 (LHD)	Upper Part of Front Body Pillar RH
	116 (RHD)	
BH	112 (LHD)	Surrounding of Taillight RH
	120 (RHD)	

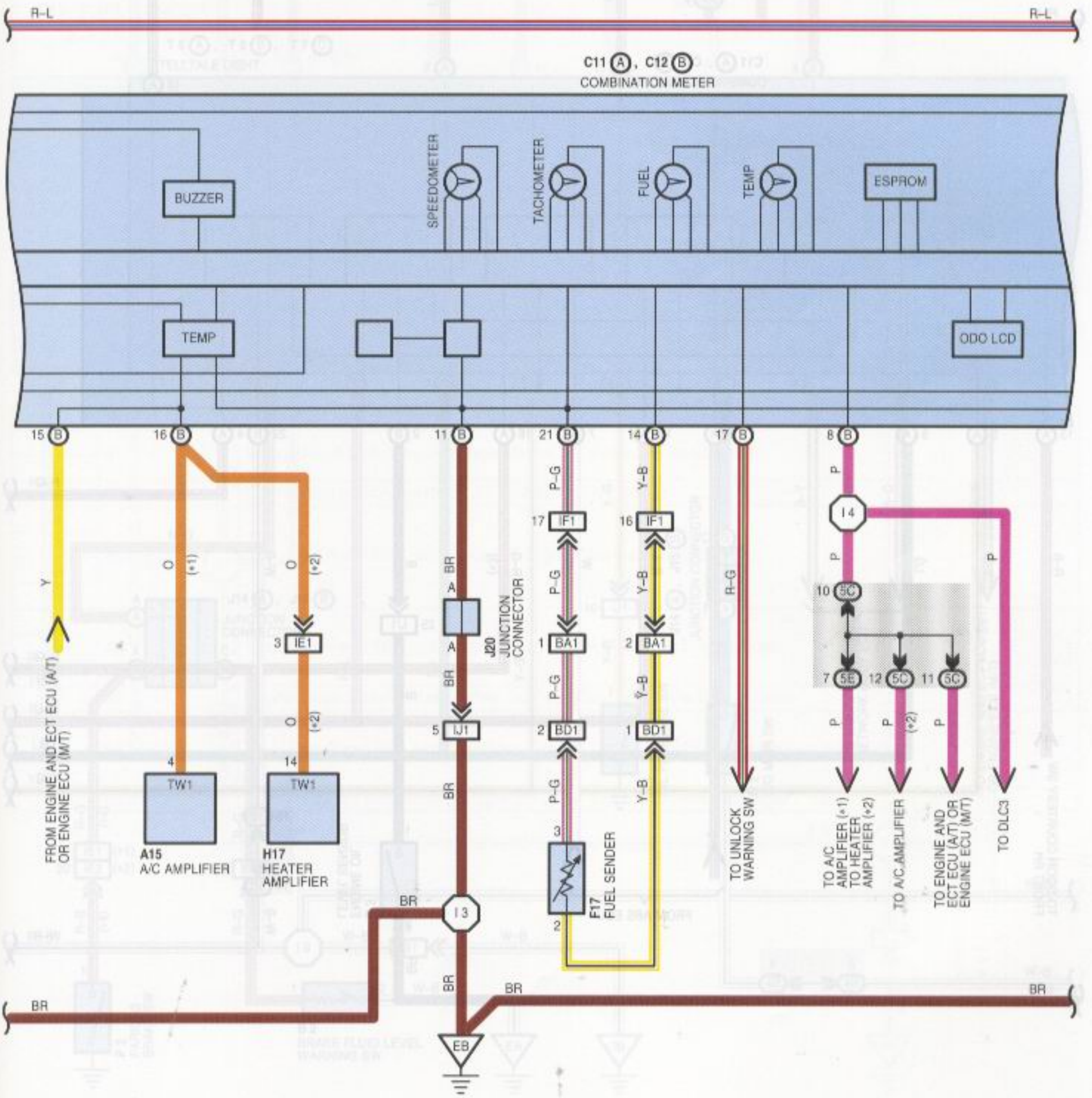
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	110 (LHD)	Instrument Panel Wire	I8	118 (RHD)	Instrument Panel Wire

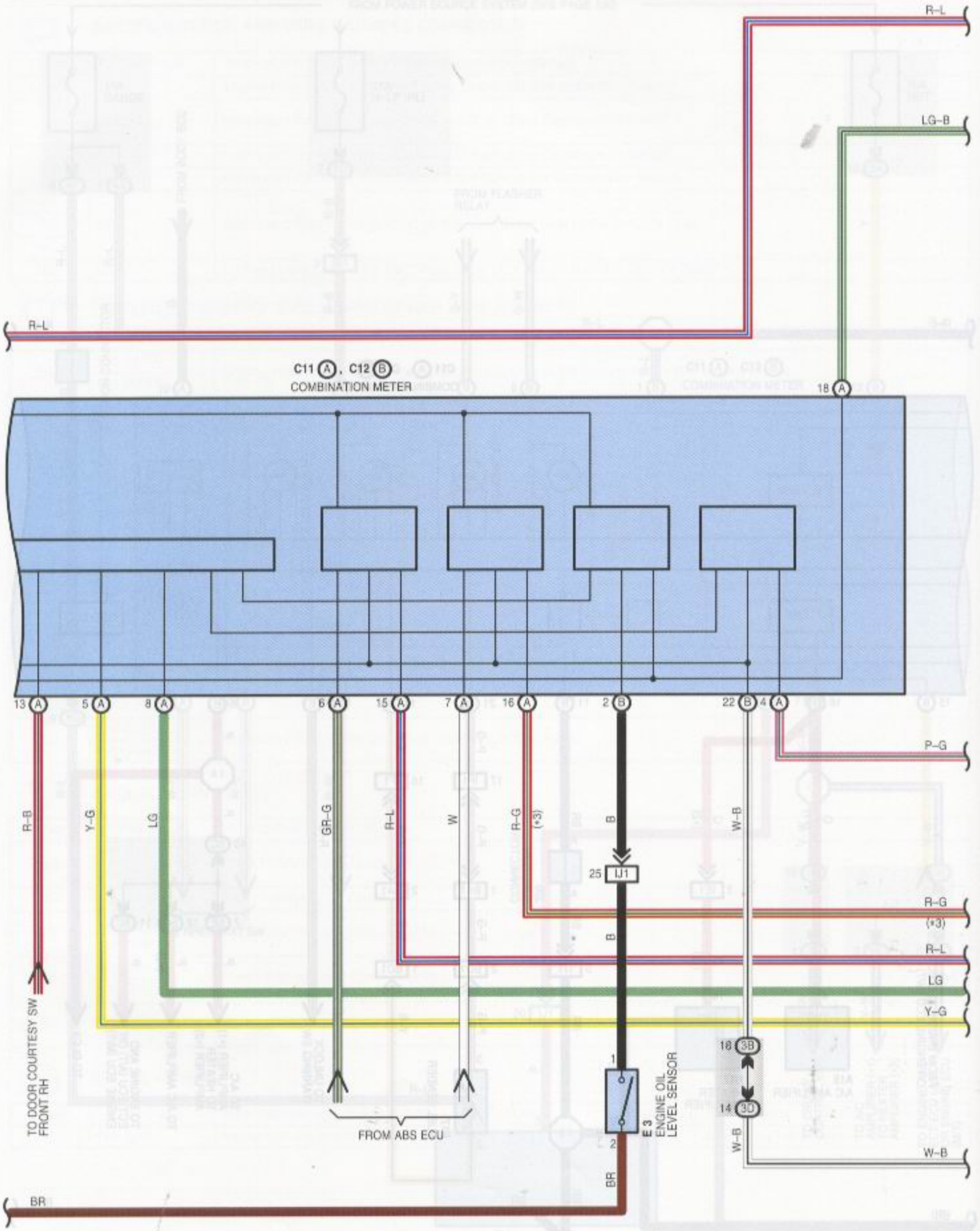
COMBINATION METER (ANALOG METER)

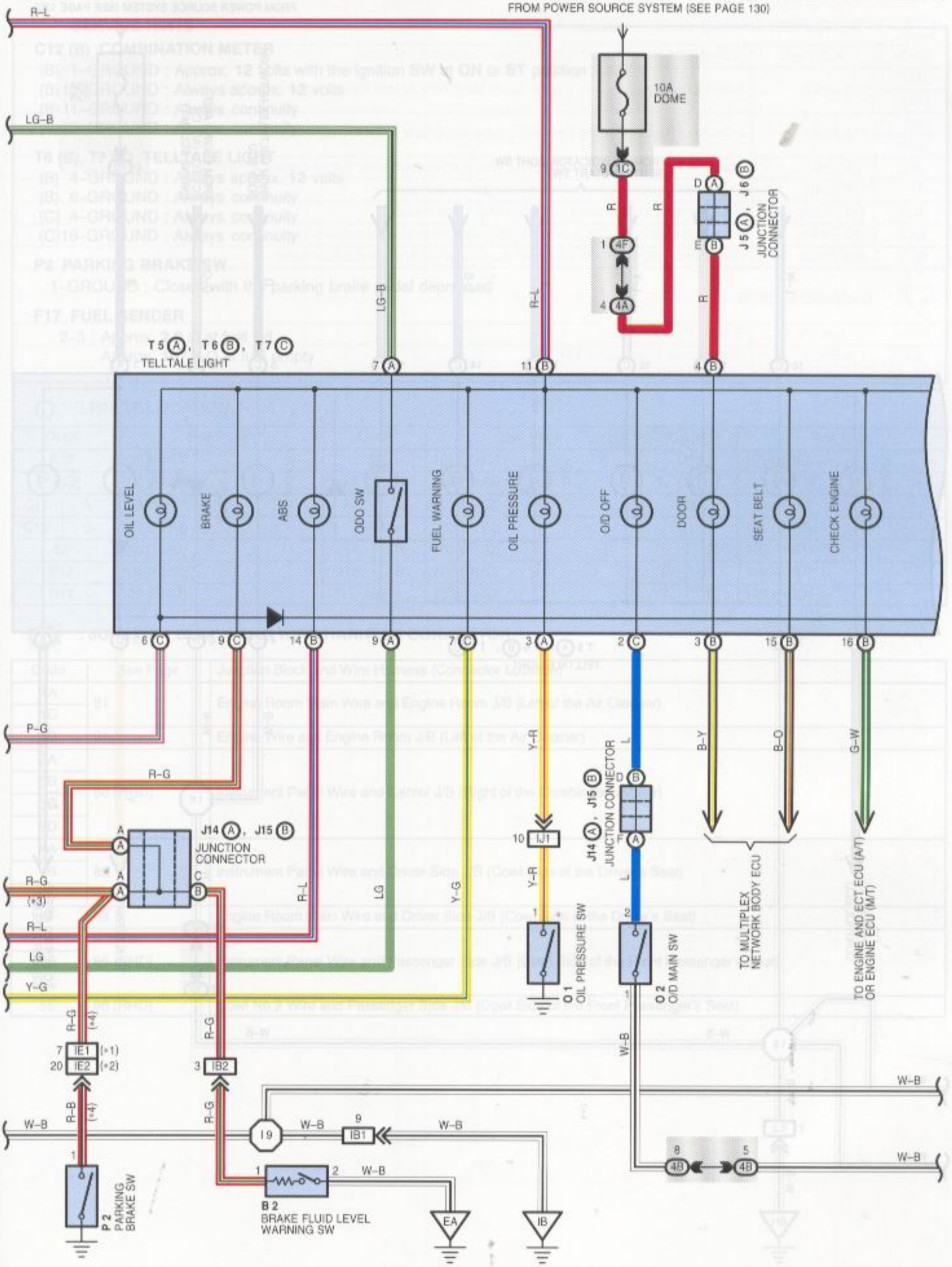


* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C

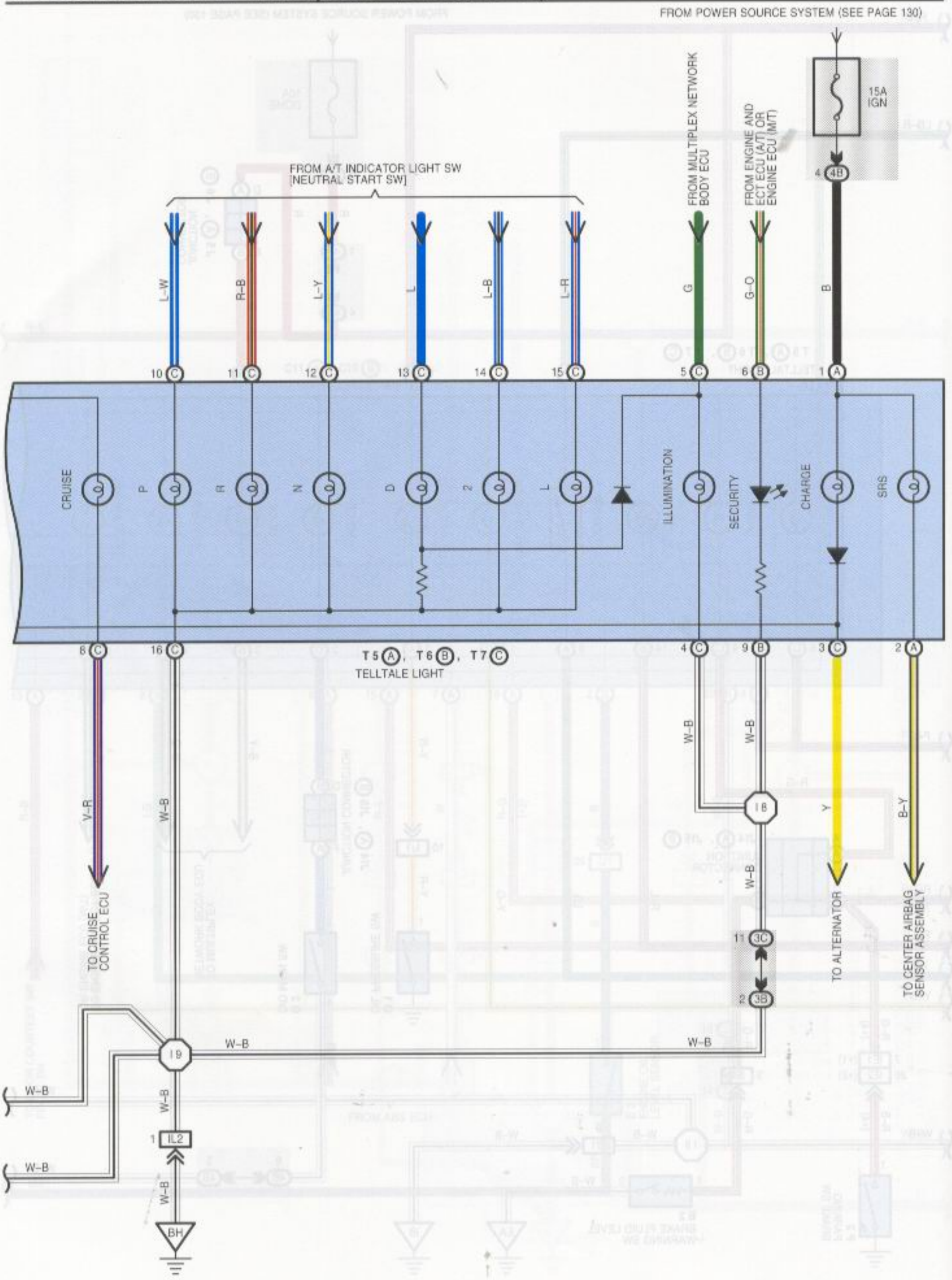


COMBINATION METER (ANALOG METER)




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
R–L
LG–B
10A
DOME
9 1C
R
1 4F
4 4A
R
D A J6 B
J5 A, J6 B
JUNCTION
CONNECTOR
R
T5 A, T6 B, T7 C
TELLTALE LIGHT
7 A
11 B
4 B
LG–B
R–L
OIL LEVEL
BRAKE
ABS
ODO SW
FUEL WARNING
OIL PRESSURE
O/D OFF
DOOR
SEAT BELT
CHECK ENGINE
6 C
9 C
14 B
9 A
7 C
3 A
2 C
3 B
15 B
16 B
P–G
R–G
Y–R
L
D B J15 B
J14 A, J15 B
JUNCTION CONNECTOR
F A
B–Y
B–O
G–W
TO MULTIPLEX
NETWORK BODY ECU
TO ENGINE AND ECT ECU (A/T)
OR ENGINE ECU (M/T)
J14 A, J15 B
JUNCTION
CONNECTOR
A
A
A
C
B
R–G
(*3)
R–L
LG
Y–G
10 IJ1
Y–R
1
2
O1
OIL PRESSURE SW
O2
O/D MAIN SW
W–B
R–G
(*4)
7 IE1 (*1)
20 IE2 (*2)
3 IB2
R–B
(*4)
R–G
W–B
I9
9
IB1
W–B
W–B
8 4B
5 4B
W–B
1
P2
PARKING
BRAKE SW
1
2
W–B
B2
BRAKE FLUID LEVEL
WARNING SW
EA
IB

COMBINATION METER (ANALOG METER)



SERVICE HINTS

C12 (B) COMBINATION METER

(B) 1-GROUND : Approx. **12** volts with the ignition SW at **ON** or **ST** position
(B) 12-GROUND : Always approx. **12** volts
(B) 11-GROUND : Always continuity
(B) 22-GROUND : Always continuity

T6 (B), T7 (C) TELLTALE LIGHT

(B) 4-GROUND : Always approx. **12** volts
(B) 9-GROUND : Always continuity
(C) 4-GROUND : Always continuity
(C) 16-GROUND : Always continuity

P2 PARKING BRAKE SW

1-GROUND : Closed with the parking brake pedal depressed

F17 FUEL SENDER

2-3 : Approx. **2.0** Ω at fuel full
Approx. **107.0** Ω at fuel empty

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A15	102 (RHD)	J2	101 (RHD)	O1	101 (RHD)
B2	100 (RHD)	J5 A	103 (RHD)	O2	103 (RHD)
C11 A	102 (RHD)	J6 B	103 (RHD)	P2	103 (RHD)
C12 B	102 (RHD)	J13	103 (RHD)	S1	101 (RHD)
E3	100 (RHD)	J14 A	103 (RHD)	T5 A	103 (RHD)
F17	104 (RHD)	J15 B	103 (RHD)	T6 B	103 (RHD)
H17	102 (RHD)	J20	103 (RHD)	T7 C	103 (RHD)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1C		
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B		
3C		
3D		
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5B		
5C		
5E	86 (RHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

COMBINATION METER (ANALOG METER)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

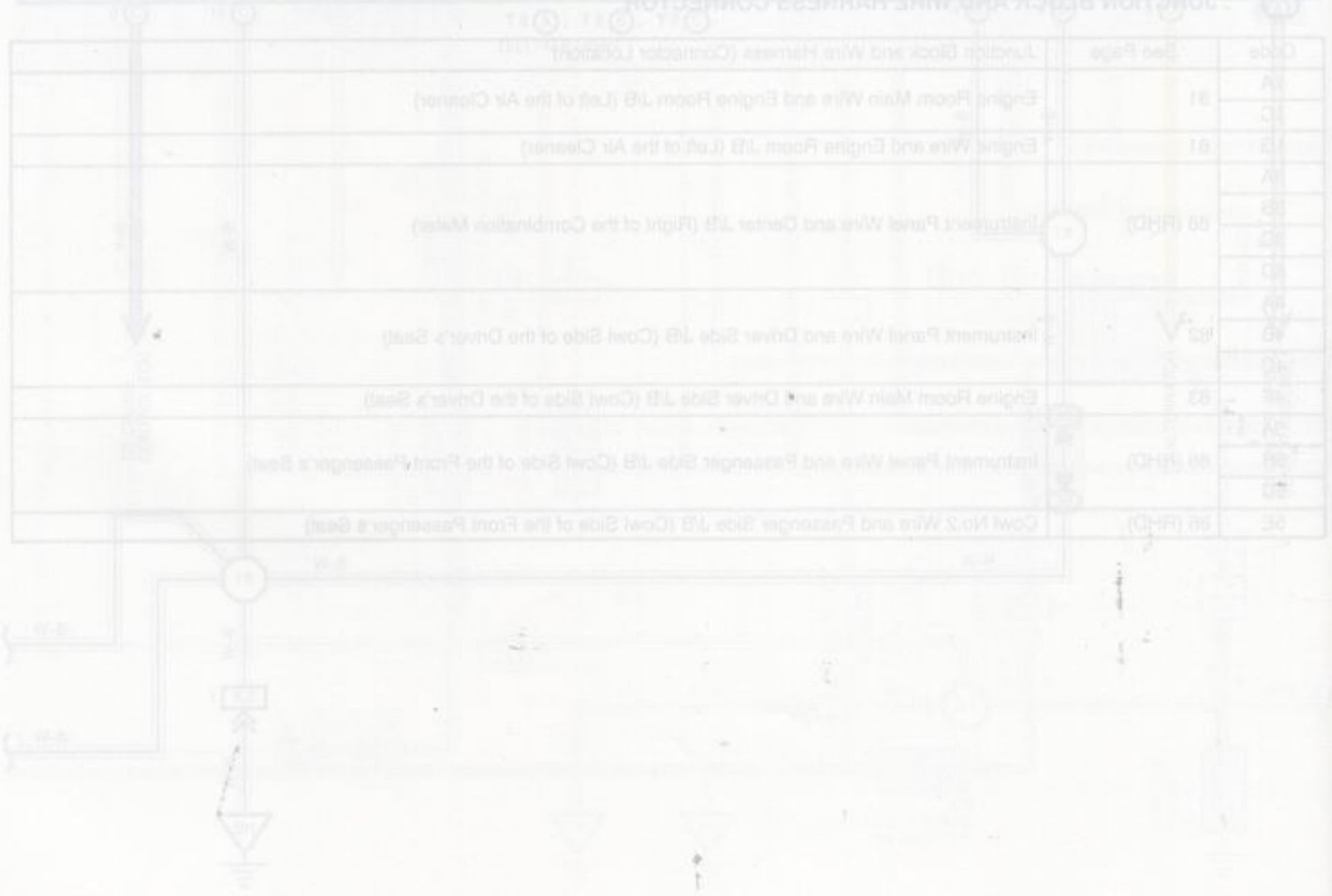
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2		
IE1	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2		
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
IJ1	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BA1	120 (RHD)	Frame Wire and Cowl No.3 Wire (Right Under the Front Passenger's Seat)
BD1	120 (RHD)	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)

: GROUND POINTS

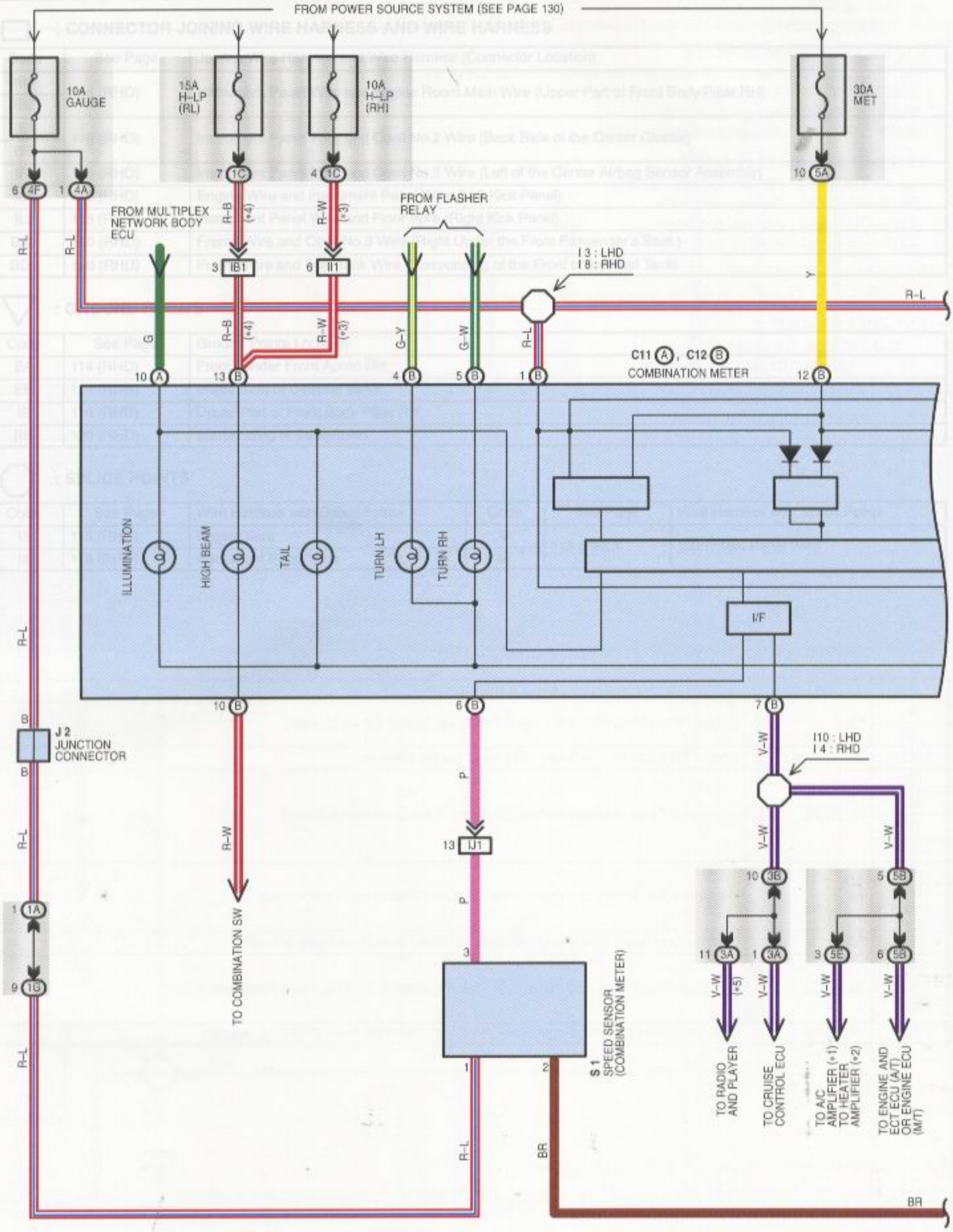
Code	See Page	Ground Points Location
EA	114 (RHD)	Front Fender Front Apron RH
EB	114 (RHD)	Intake Side of Cylinder Block
IB	116 (RHD)	Upper Part of Front Body Pillar RH
BH	120 (RHD)	Surrounding of Taillight RH

: SPLICE POINTS

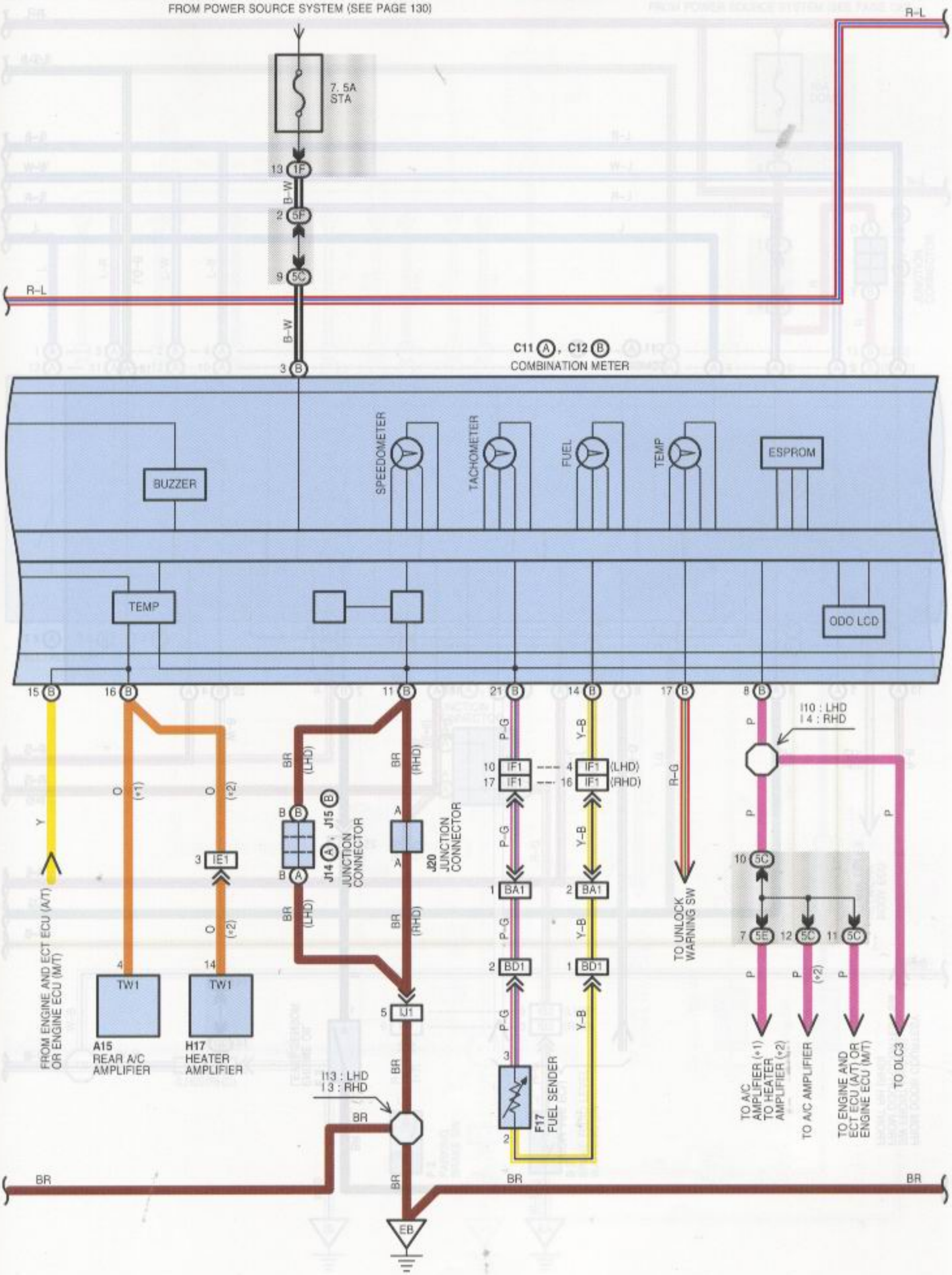
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	118 (RHD)	Engine Wire	I8	118 (RHD)	Instrument Panel Wire
I4	118 (RHD)	Instrument Panel Wire	I9		



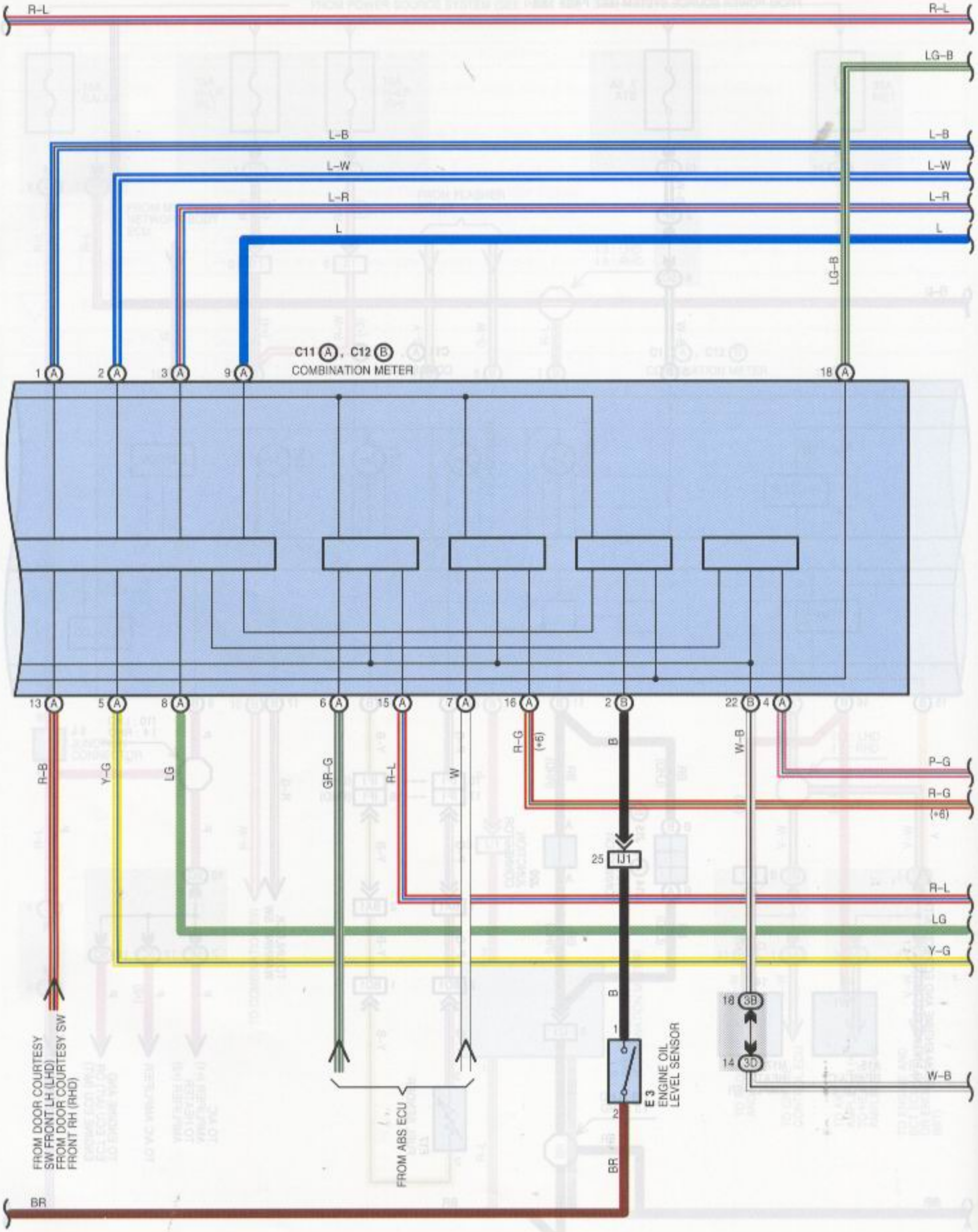
COMBINATION METER (OPTITRON METER)



* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C
* 3 : W/ DAYTIME RUNNING LIGHT
* 4 : W/O DAYTIME RUNNING LIGHT
* 5 : W/ DISPLAY



COMBINATION METER (OPTITRON METER)

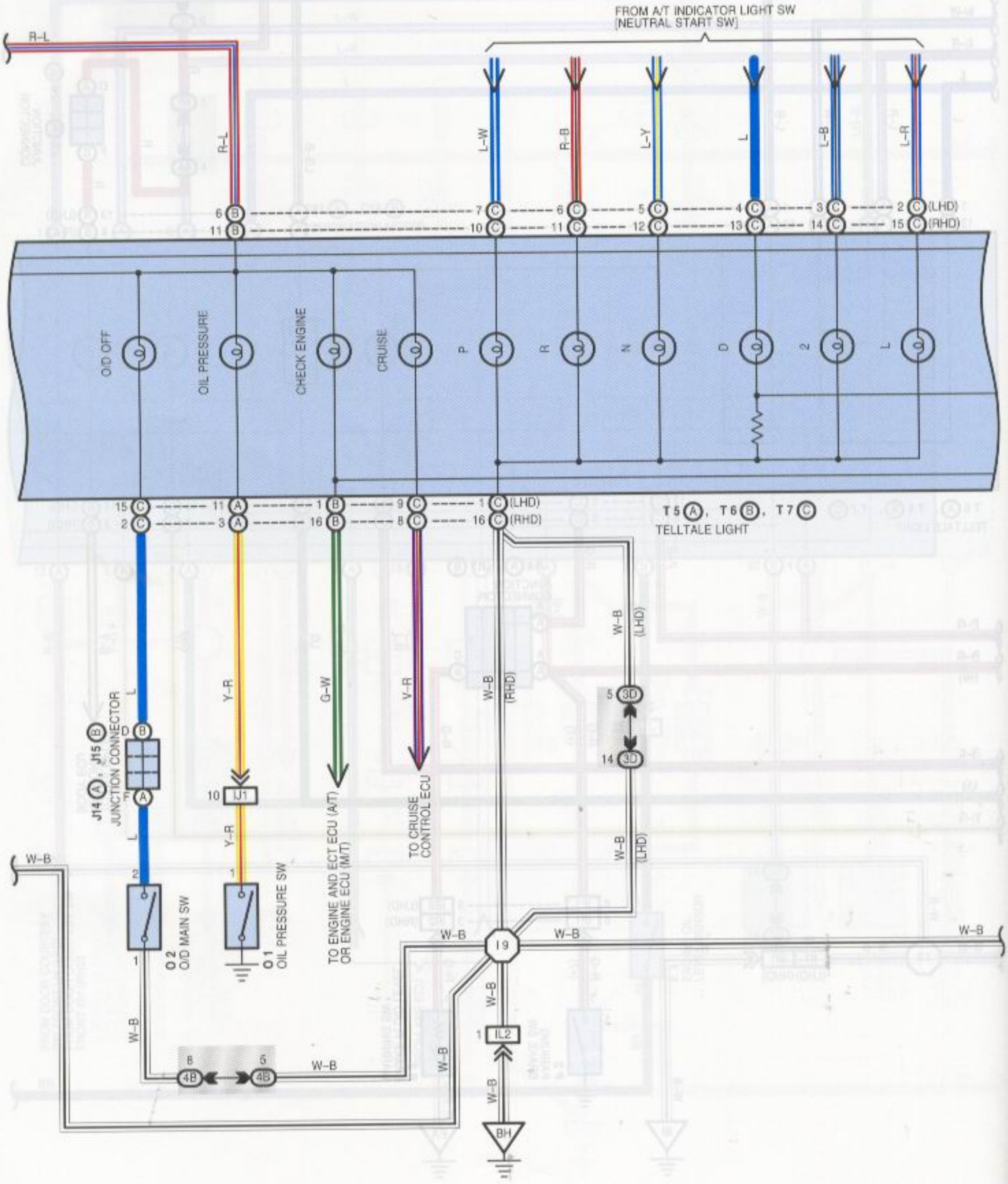


*6 : W/ ABS
*7 : W/O ABS

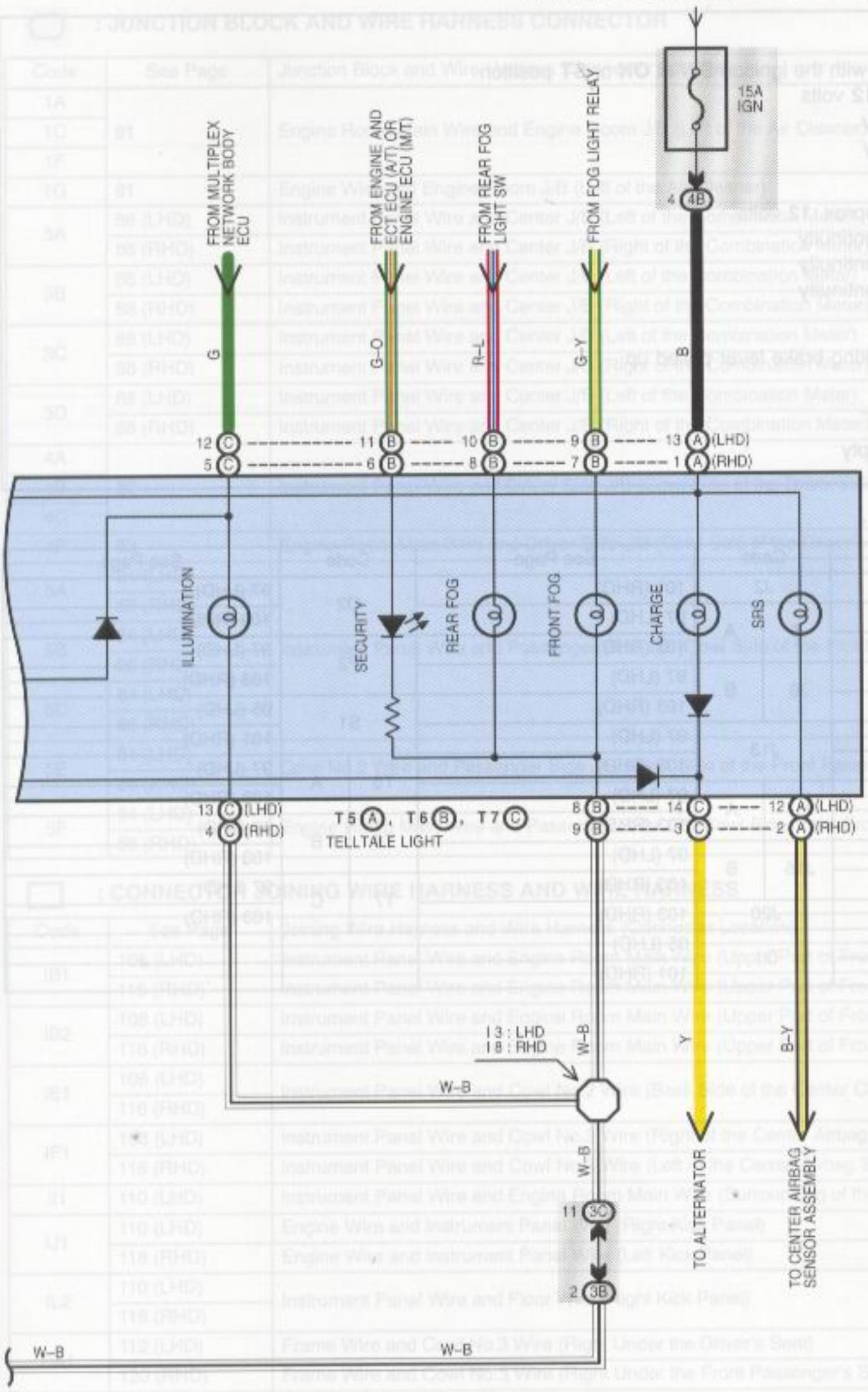
FROM POWER SOURCE SYSTEM (SEE PAGE 130)

R–L
LG–B
L–B
L–W
L–R
L
10A DOME
9 1C
R–L
R
1 4F
4 4A
R
D A J6 B
F B J5 A
JUNCTION CONNECTOR
R
LG–B
1 A 3 A 2 A 4 A 7 A 13 B (LHD)
13 A 11 A 12 A 10 A 7 A 4 B (RHD)
OIL LEVEL
BRAKE
ABS
ODO SW
FUEL WARNING
DOOR
T5 A, T6 B, T7 C
TELLTALE LIGHT
12 C 8 C 3 B 6 A 10 C 14 B (LHD)
6 C 9 C 14 B 9 A 7 C 3 B (RHD)
P–G
R–G
J14 A, J15 B
JUNCTION CONNECTOR
A
A
A
C
B
P–G
R–G
(*6)
R–L
LG
Y–G
B–Y
TO MULTIPLEX NETWORK BODY ECU
R–G
(*7)
R–G
R–L
LG
Y–G
W–B
W–B
W–B
W–B
10 9
I9
I1 IB1
(LHD) (RHD)
W–B
W–B
IB
6 IF1 9 IB2 (LHD)
6 IF1 3 IB2 (RHD)
R–G
(*7)
R–G
P 2
PARKING BRAKE SW
B 2
BRAKE FLUID LEVEL WARNING SW
W–B
EA

COMBINATION METER (OPTITRON METER)



FROM POWER SOURCE SYSTEM (SEE PAGE 130)



COMBINATION METER (OPTITRON METER)

SERVICE HINTS

C12 (B) COMBINATION METER

(B) 1–GROUND : Approx. **12** volts with the ignition SW at **ON** or **ST** position
(B) 12–GROUND : Always approx. **12** volts
(B) 11–GROUND : Always continuity
(B) 22–GROUND : Always continuity

T6 (B), T7 (C) TELLTALE LIGHT

(B) 4, (B) 13–GROUND : Always approx. **12** volts
(B) 8, (B) 9–GROUND : Always continuity
(C) 1, (C) 16–GROUND : Always continuity
(C) 4, (C) 13–GROUND : Always continuity

P2 PARKING BRAKE SW

1–GROUND : Closed with the parking brake lever pulled up

F17 FUEL SENDER

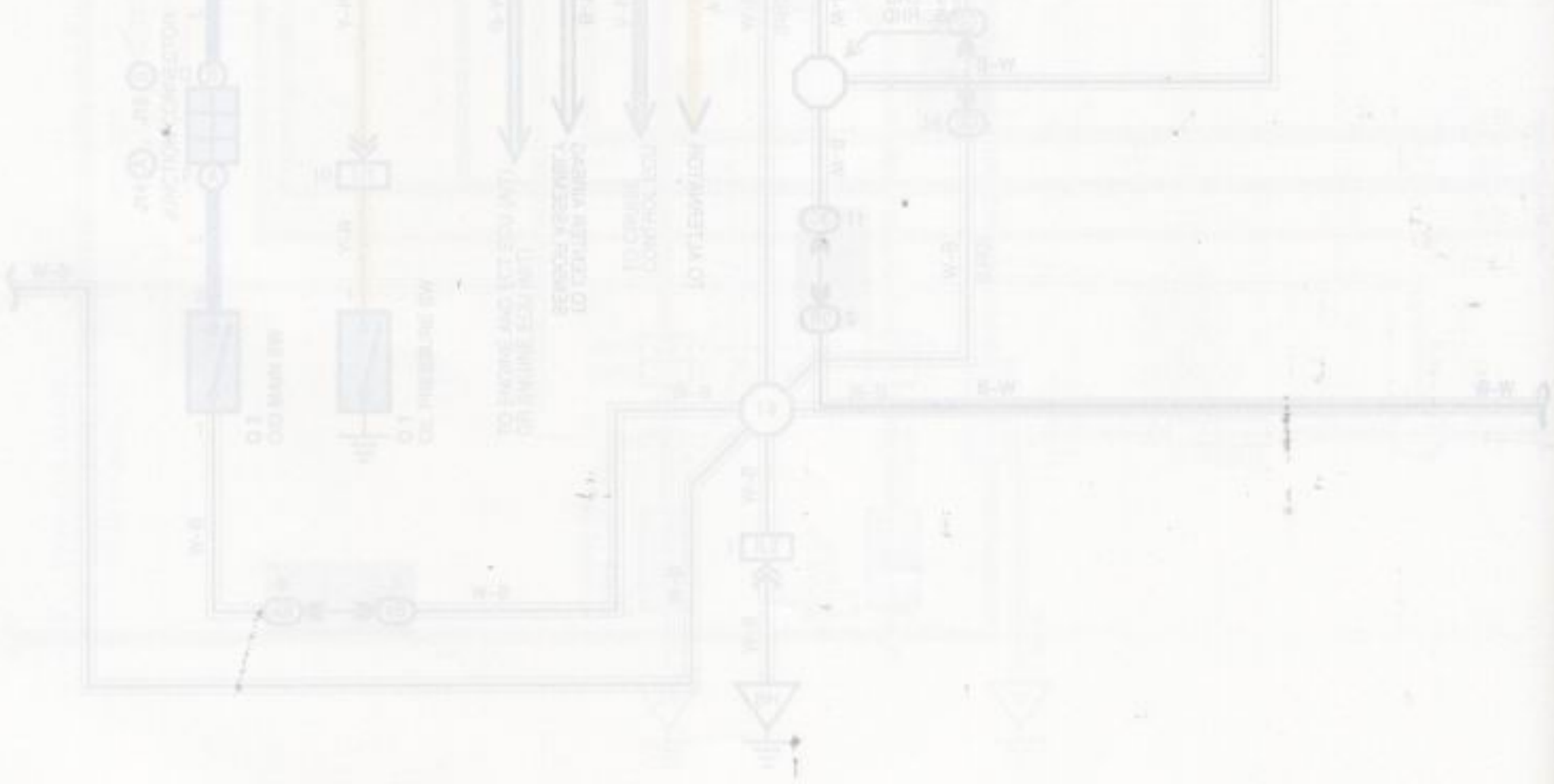
2–3 : Approx. **2.0** Ω at fuel full
Approx. **107.0** Ω at fuel empty

○ : PARTS LOCATION

Code		See Page
A15		102 (RHD)
B2		94 (LHD)
		100 (RHD)
C11	A	96 (LHD)
		102 (RHD)
C12	B	96 (LHD)
		102 (RHD)
E3		94 (LHD)
		100 (RHD)
F17		98 (LHD)
		104 (RHD)
H17		96 (LHD)
		102 (RHD)
J2		95 (LHD)

Code		See Page
J2		101 (RHD)
J5	A	97 (LHD)
		103 (RHD)
J6	B	97 (LHD)
		103 (RHD)
J13		97 (LHD)
		103 (RHD)
J14	A	97 (LHD)
		103 (RHD)
J15	B	97 (LHD)
		103 (RHD)
J20		103 (RHD)
O1		95 (LHD)
		101 (RHD)

Code		See Page
O2		97 (LHD)
		103 (RHD)
P2		97 (LHD)
		103 (RHD)
S1		95 (LHD)
		101 (RHD)
T5	A	97 (LHD)
		103 (RHD)
T6	B	97 (LHD)
		103 (RHD)
T7	C	97 (LHD)
		103 (RHD)



: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1C		
1F		
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5A	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5B	84 (LHD)	
	86 (RHD)	
5C	84 (LHD)	
	86 (RHD)	
5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5F	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
	116 (RHD)	
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	
BA1	112 (LHD)	Frame Wire and Cowl No.3 Wire (Right Under the Driver's Seat)
	120 (RHD)	Frame Wire and Cowl No.3 Wire (Right Under the Front Passenger's Seat)
BD1	112 (LHD)	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)
	120 (RHD)	

COMBINATION METER (OPTITRON METER)

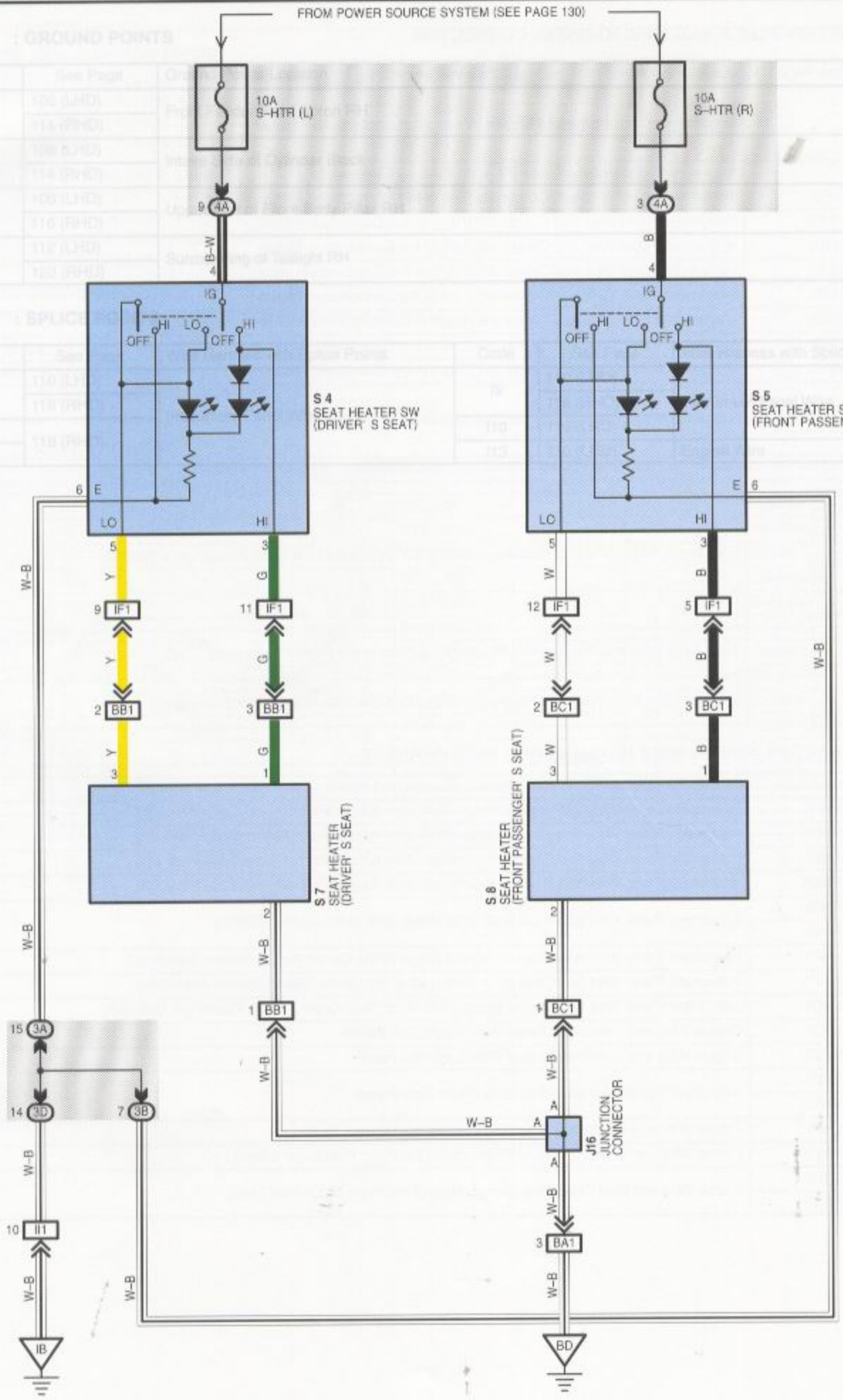
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD) 114 (RHD)	Front Fender Front Apron RH
EB	106 (LHD) 114 (RHD)	Intake Side of Cylinder Block
IB	108 (LHD) 116 (RHD)	Upper Part of Front Body Pillar RH
BH	112 (LHD) 120 (RHD)	Surrounding of Taillight RH

○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	110 (LHD) 118 (RHD)	Instrument Panel Wire	I9	110 (LHD) 118 (RHD)	Instrument Panel Wire
I4	118 (RHD)		I10	110 (LHD)	
I8			I13	110 (LHD)	Engine Wire

SEAT HEATER


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A
S-HTR (L)
10A
S-HTR (R)
9 4A
3 4A
4 B-W
B
4
IG
OFF
HI
LO
OFF
HI
S 4
SEAT HEATER SW
(DRIVER' S SEAT)
S 5
SEAT HEATER SW
(FRONT PASSENGER' S SEAT)
6 E
LO
HI
E 6
5 Y
3 G
5 W
3 B
9 IF1
11 IF1
12 IF1
5 IF1
Y
G
W
B
2 BB1
3 BB1
2 BC1
3 BC1
W-B
S 7
SEAT HEATER
(DRIVER' S SEAT)
S 8
SEAT HEATER
(FRONT PASSENGER' S SEAT)
2
1 BB1
1 BC1
15 3A
14 3D
7 3B
10 I1
3 BA1
A
J16
JUNCTION
CONNECTOR
IB
BD

SERVICE HINTS

S4, S5 SEAT HEATER SW (DRIVER'S SEAT, FRONT PASSENGER'S SEAT)

4-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position

6-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
J16	97 (LHD)	S5	97 (LHD)	S8	99 (LHD)
S4	97 (LHD)	S7	99 (LHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B		
3D		
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

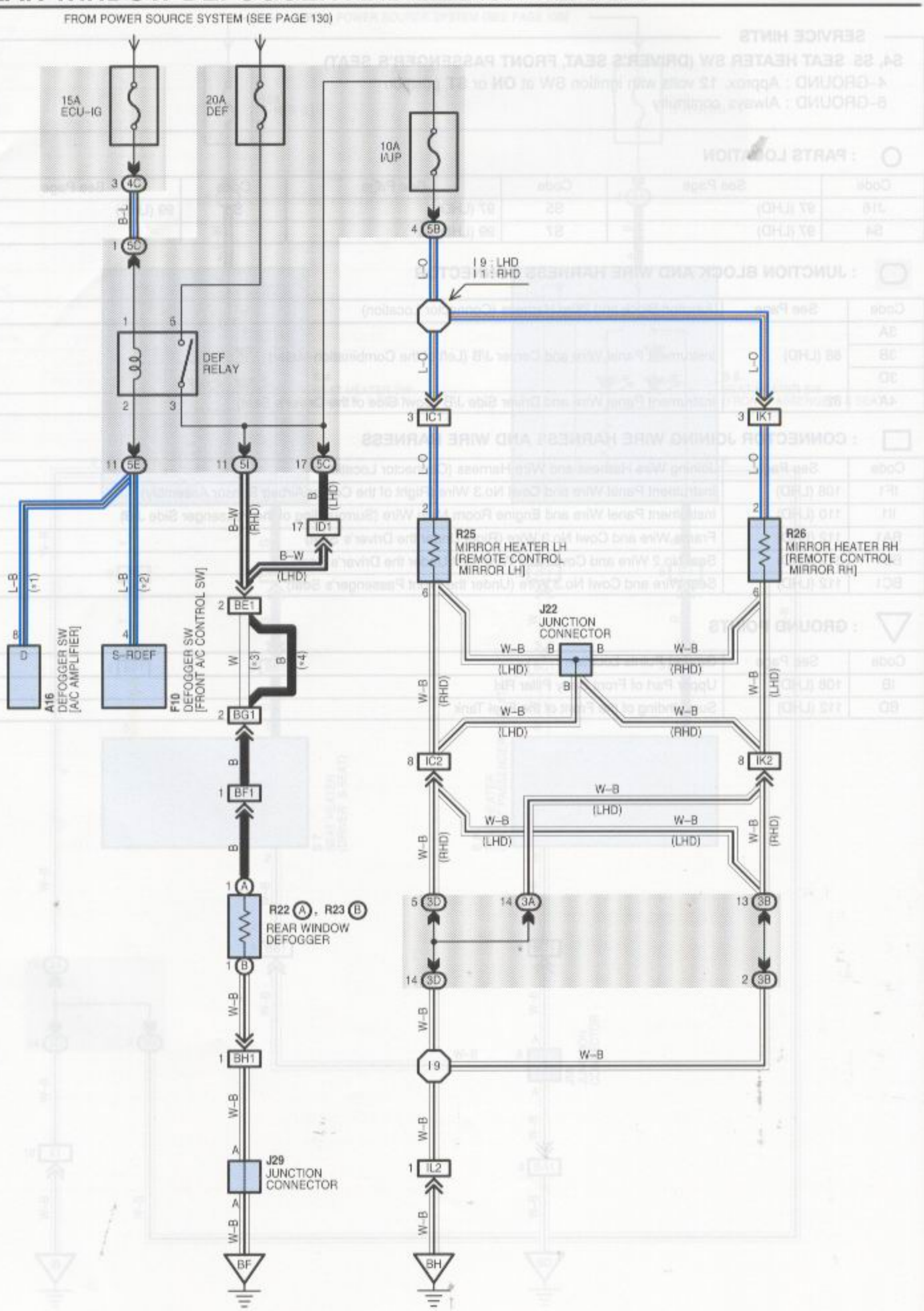
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
BA1	112 (LHD)	Frame Wire and Cowl No.3 Wire (Right Under the Driver's Seat)
BB1	112 (LHD)	Seat No.2 Wire and Cowl No.3 Wire (Left Under the Driver's Seat)
BC1	112 (LHD)	Seat Wire and Cowl No.3 Wire (Under the Front Passenger's Seat)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
IB	108 (LHD)	Upper Part of Front Body Pillar RH
BD	112 (LHD)	Surrounding of the Front of the Fuel Tank

REAR WINDOW DEFOGGER AND MIRROR HEATER

* 1 : AUTOMATIC A/C
* 2 : MANUAL A/C
* 3 : U. K.
* 4 : EXCEPT U. K.



SERVICE HINTS

DEF RELAY

3–5 : Closed with the ignition SW at **ON** position and the defogger SW [A/C amplifier] (Automatic A/C) or defogger SW [Front A/C control SW] (Manual A/C) on

○ : PARTS LOCATION

Code	See Page	Code		See Page	Code		See Page
A16	102 (RHD)	J29		98 (LHD)	R23	B	105 (RHD)
F10	96 (LHD)			104 (RHD)	R25		99 (LHD)
	102 (RHD)	R22	A	99 (LHD)			105 (RHD)
J22	98 (LHD)			105 (RHD)	R26		99 (LHD)
	104 (RHD)	R23	B	99 (LHD)			105 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5B	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5C	84 (LHD)	
	86 (RHD)	
5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
	86 (RHD)	
5I	86 (RHD)	Floor No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	116 (RHD)	
IC2	108 (LHD)	
	116 (RHD)	
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IK1	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	
IK2	110 (LHD)	
	118 (RHD)	
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
	118 (RHD)	
BE1	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
	120 (RHD)	
BF1	112 (LHD)	Back Door No.2 Wire and Rear Window No.1 Wire (Left of the Back Door)
	120 (RHD)	
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)
	120 (RHD)	
BH1	112 (LHD)	Back Door No.2 Wire and Rear Window No.1 Wire (Right of the Back Door)
	120 (RHD)	

REAR WINDOW DEFOGGER AND MIRROR HEATER

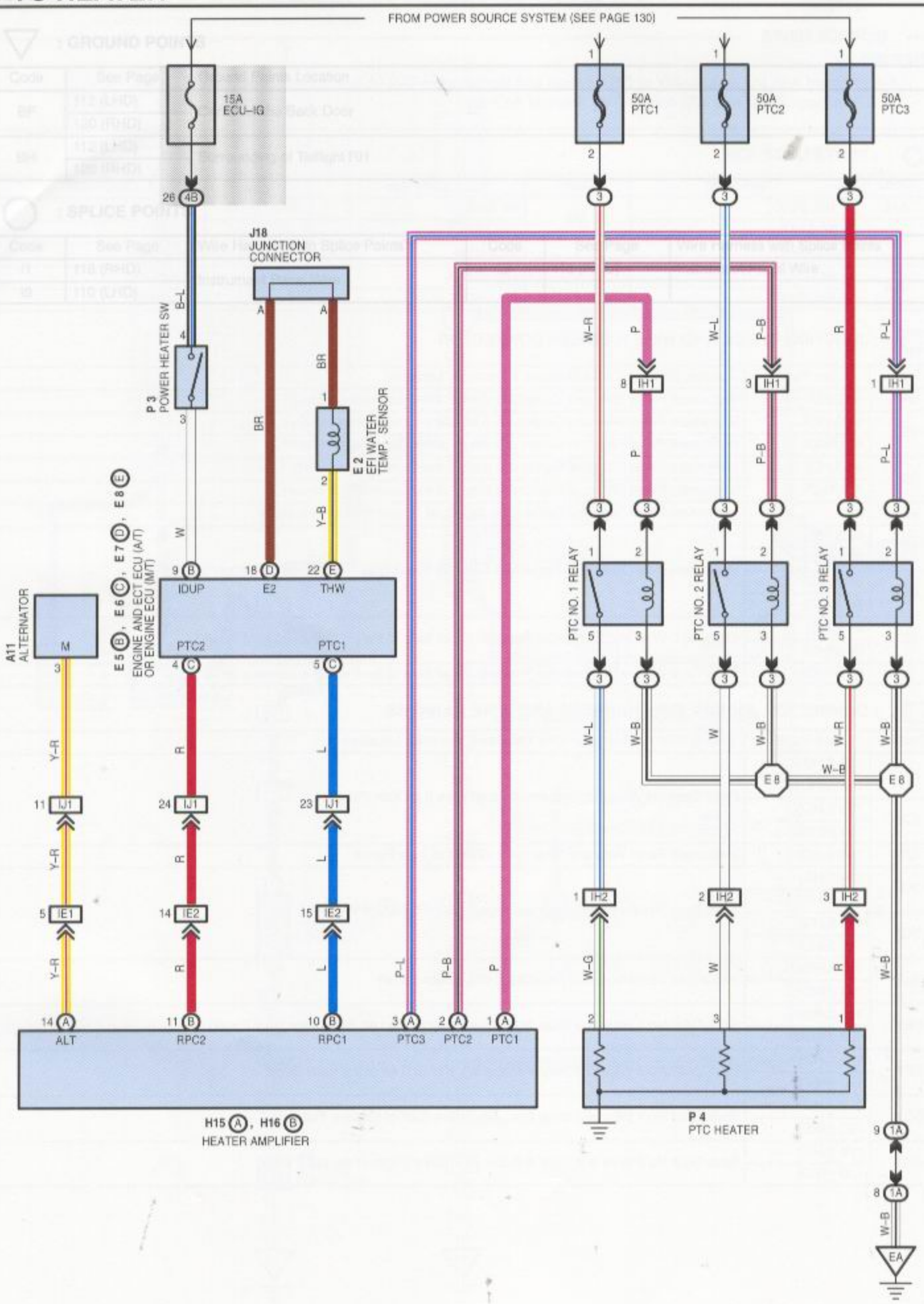
: GROUND POINTS

Code	See Page	Ground Points Location
BF	112 (LHD) 120 (RHD)	Center of the Back Door
BH	112 (LHD) 120 (RHD)	Surrounding of Taillight RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	118 (RHD)	Instrument Panel Wire	I9	118 (RHD)	Instrument Panel Wire
I9	110 (LHD)				

PTC HEATER


FROM POWER SOURCE SYSTEM (SEE PAGE 130)
15A ECU-IG
50A PTC1
50A PTC2
50A PTC3
J18 JUNCTION CONNECTOR
P 3 POWER HEATER SW
E 2 EFI WATER TEMP. SENSOR
PTC NO. 1 RELAY
PTC NO. 2 RELAY
PTC NO. 3 RELAY
IDUP
E2
THW
PTC2
PTC1
ALT
RPC2
RPC1
PTC3
PTC2
PTC1
H15 A, H16 B
HEATER AMPLIFIER
P 4
PTC HEATER
E 8
EA

SYSTEM OUTLINE

When either of conditions of the engine coolant temperature, the outside temperature, opening rate of the air mix door or the power heater SW being ON is fulfilled, three, two or one PTC heater could be selected to be used according to the electricity generation rate of the alternator.

SERVICE HINTS

E2 EFI WATER TEMP. SENSOR

1–2 : Approx. **156** kΩ (**–40** °C, **–40** °F)
Approx. **3.5** kΩ (**25** °C, **77** °F)
Approx. **0.09** kΩ (**150** °C, **302** °F)

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
A11		94 (LHD)	E7	D	96 (LHD)	J18	97 (LHD)
		100 (RHD)			102 (RHD)		103 (RHD)
E2		94 (LHD)	E8	E	96 (LHD)	P3	97 (LHD)
		100 (RHD)			102 (RHD)		103 (RHD)
E5	B	96 (LHD)	H15	A	96 (LHD)	P4	97 (LHD)
		102 (RHD)			102 (RHD)		103 (RHD)
E6	C	96 (LHD)	H16	B	96 (LHD)		
		102 (RHD)			102 (RHD)		

▢ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
3	78	R/B No.3 (Front of the Left Suspension Tower)

▢ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
	116 (RHD)	
IE2	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
	116 (RHD)	
IH1	110 (LHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar RH)
	118 (RHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
IH2	110 (LHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar RH)
	118 (RHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)

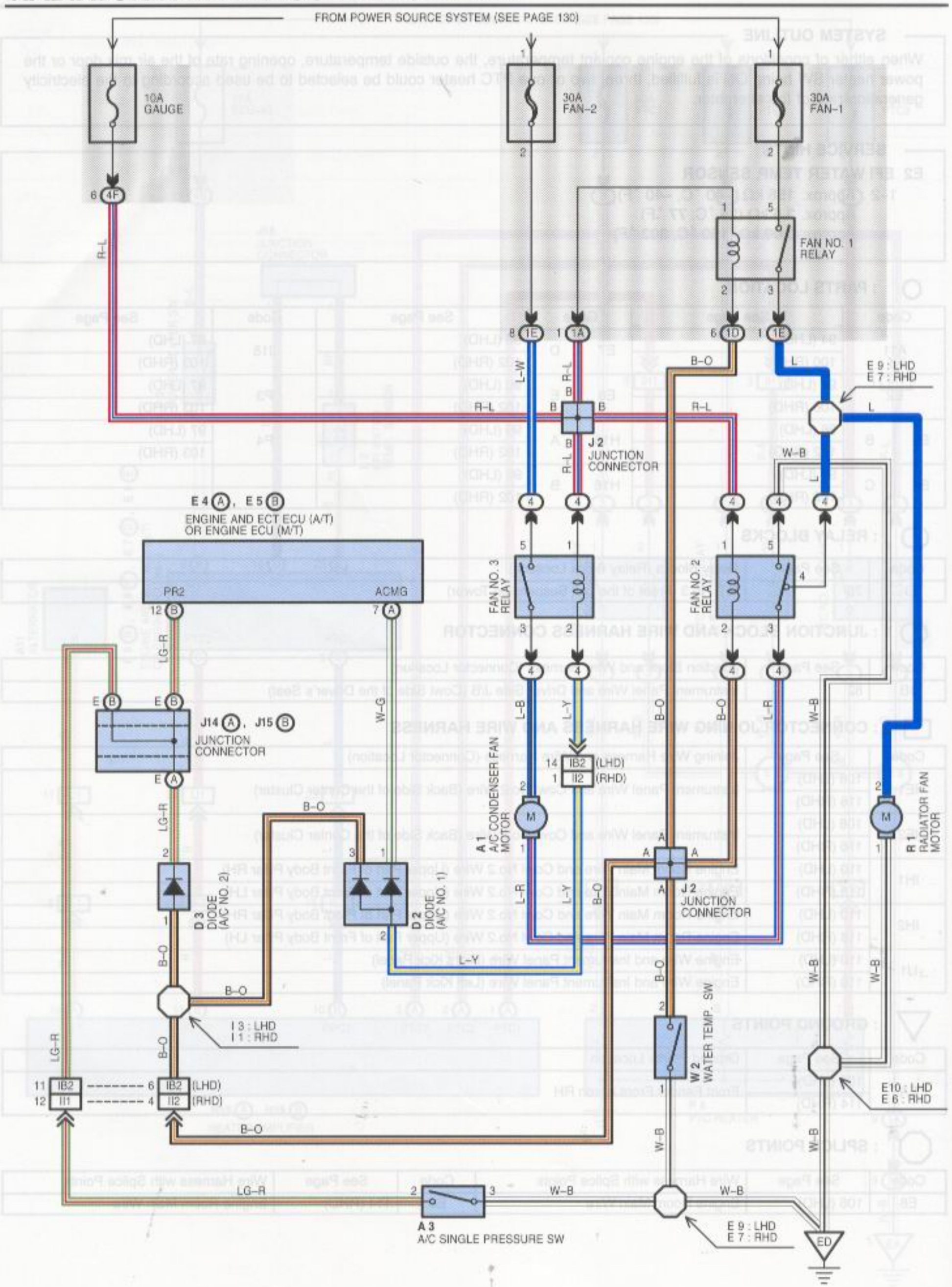
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
	114 (RHD)	

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E8	106 (LHD)	Engine Room Main Wire	E8	114 (RHD)	Engine Room Main Wire

RADIATOR FAN AND CONDENSER FAN



SYSTEM OUTLINE

1. LOW SPEED OPERATION

FAN NO.3 relay is turned on when the air conditioner is operated, and the current is sent from FAN-2 fuse to FAN NO.3 relay (Point side). The current is also sent from A/C condenser fan motor TERMINAL 2 to TERMINAL 1, and from FAN NO.2 relay TERMINAL 3 to TERMINAL 4, and from radiator fan motor TERMINAL 2 to TERMINAL 1, GROUND. Then each motor operates at a low speed.

2. HIGH SPEED OPERATION

When either A/C single pressure SW or water temp. SW is turned to ON position, the current is sent from FAN-2 fuse to FAN NO.3 relay (Point side), from A/C condenser fan motor TERMINAL 2 to TERMINAL 1, and from FAN NO.2 relay TERMINAL 3 to TERMINAL 5, GROUND. Simultaneously, the current is also sent from FAN-1 fuse to FAN NO.1 relay (Point side), and from radiator fan motor TERMINAL 2 to TERMINAL 1, GROUND. Each motor operates at high speed.

SERVICE HINTS

W2 WATER TEMP. SW

1-2 : Open above approx. **83** °C (**181.4** °F)
: Closed below approx. **93** °C (**199.4** °F)

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A1	94 (LHD)	E4 A	96 (LHD)	J15 B	97 (LHD)
	100 (RHD)		102 (RHD)		103 (RHD)
A3	94 (LHD)	E5 B	96 (LHD)	R1	95 (LHD)
	100 (RHD)		102 (RHD)		101 (RHD)
D2	96 (LHD)	J2	95 (LHD)	W2	95 (LHD)
	102 (RHD)		101 (RHD)		101 (RHD)
D3	96 (LHD)	J14 A	97 (LHD)		
	102 (RHD)		103 (RHD)		

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	79	R/B No.4 (Surrounding of the Left Radiator Support)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1D		
1E		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
II2		

▽ : GROUND POINTS

Code	See Page	Ground Points Location
ED	106 (LHD)	Front Fender Front Apron LH
	114 (RHD)	

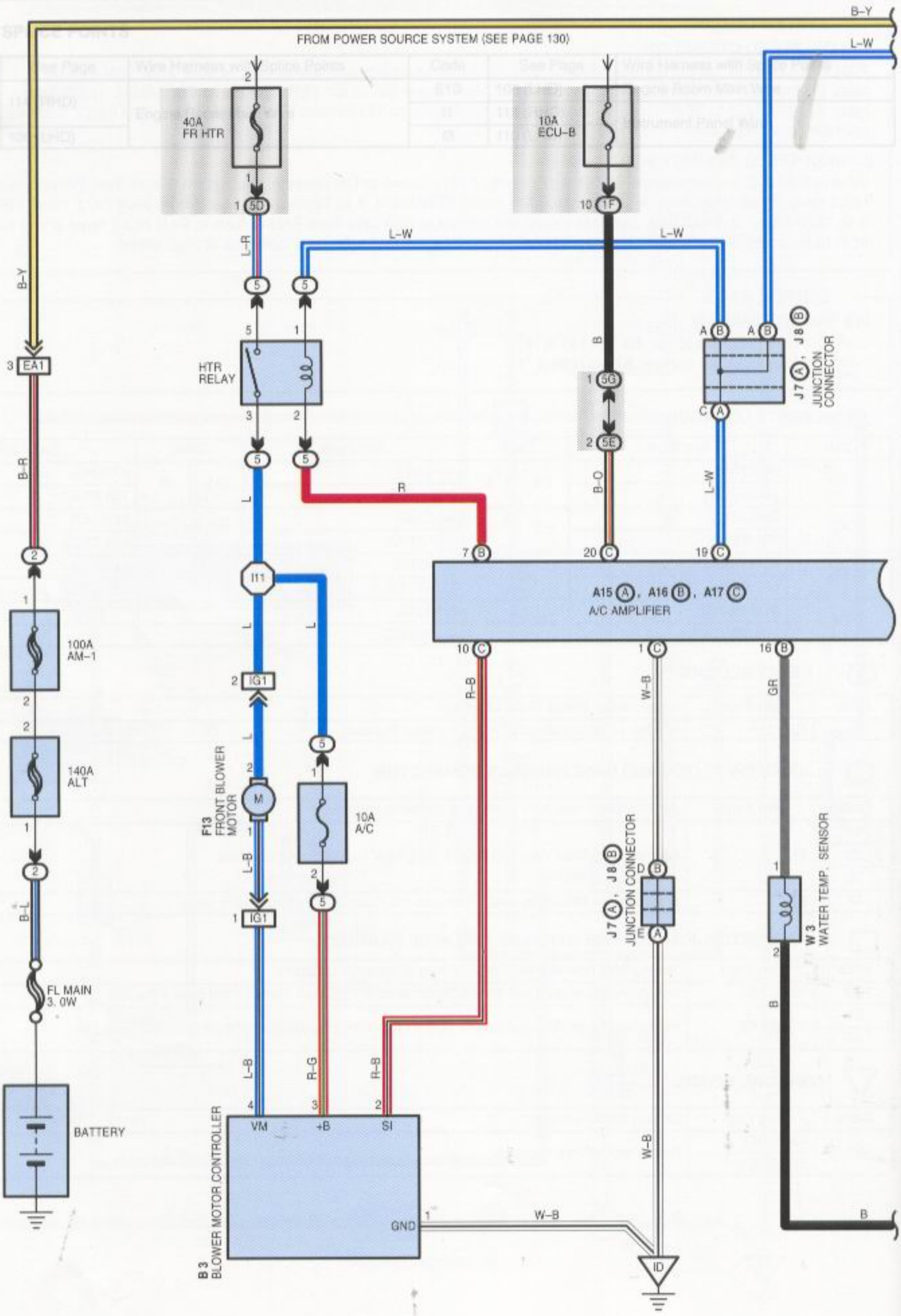
RADIATOR FAN AND CONDENSER FAN

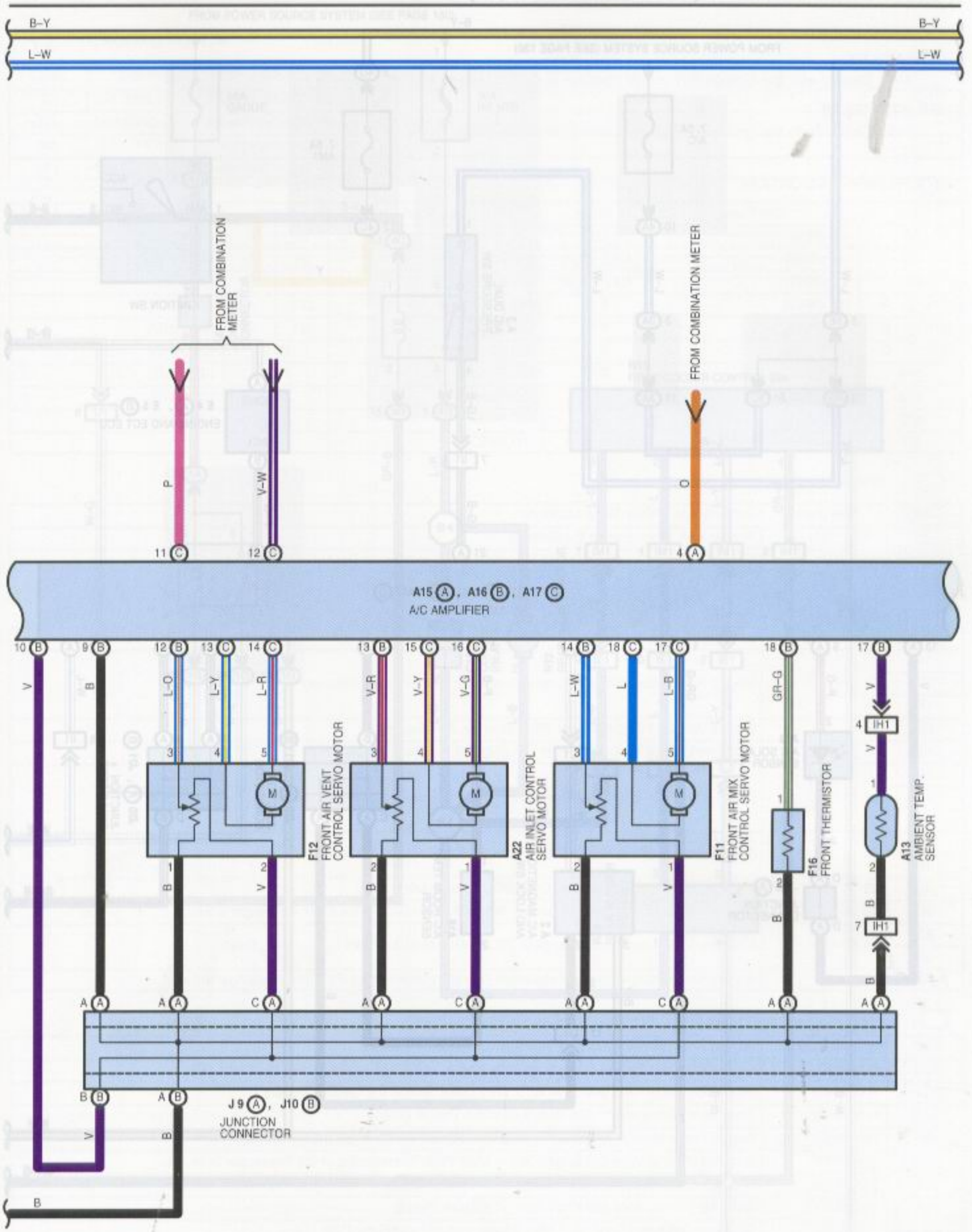
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points
E6	114 (RHD)	Engine Room Main Wire
E7		
E9	106 (LHD)	

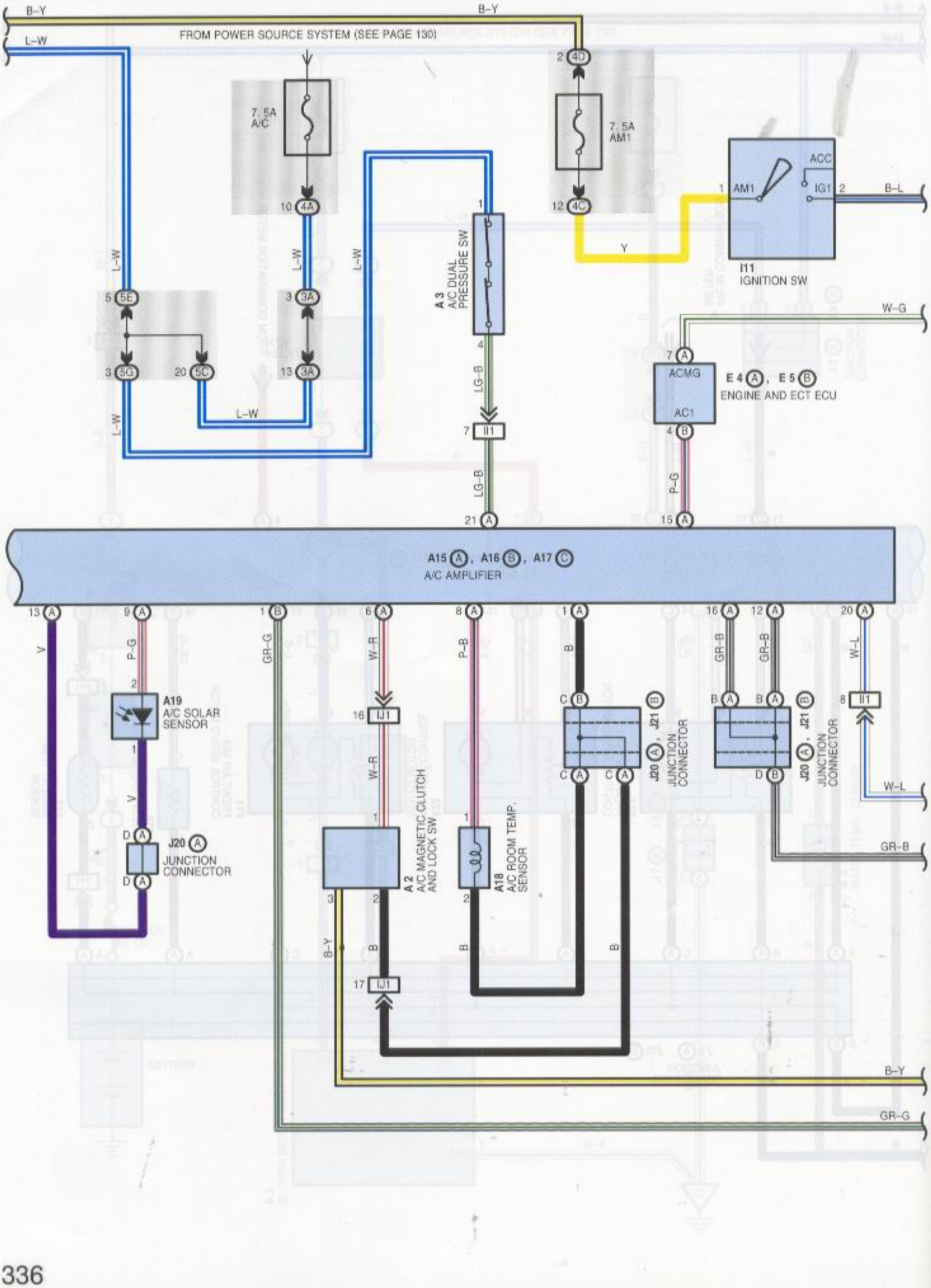
Code	See Page	Wire Harness with Splice Points
E10	106 (LHD)	Engine Room Main Wire
I1	118 (RHD)	Instrument Panel Wire
I3	110 (LHD)	

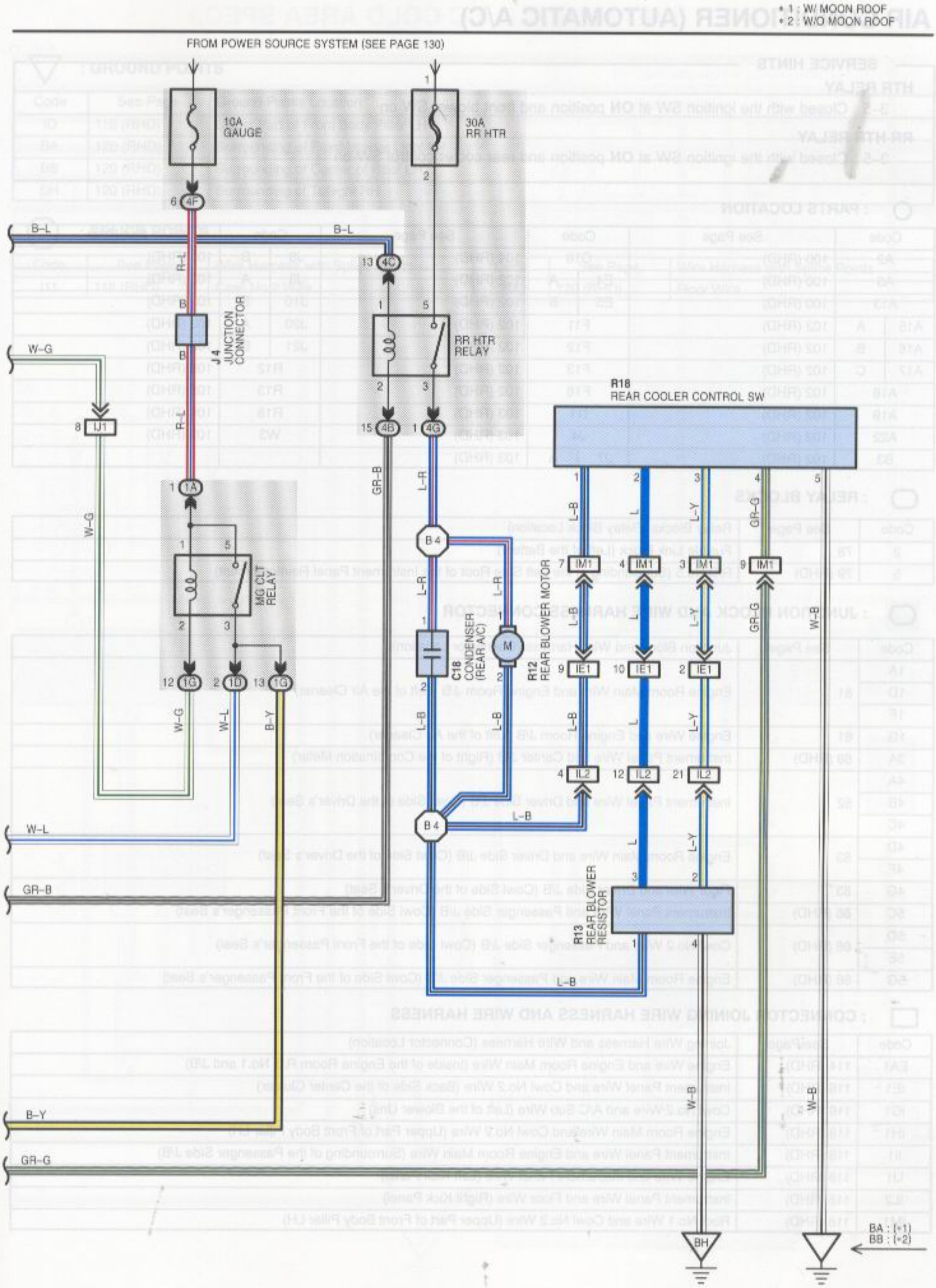
AIR CONDITIONER (AUTOMATIC A/C)




B–Y
L–W
B–Y
L–W
FROM COMBINATION METER
P
V–W
11 C
12 C
FROM COMBINATION METER
O
4 A
A15 A , A16 B , A17 C
A/C AMPLIFIER
10 B
9 B
12 B
13 C
14 C
13 B
15 C
16 C
14 B
18 C
17 C
18 B
17 B
L–O
L–Y
L–R
V–R
V–Y
V–G
L–W
L
L–B
GR–G
V
B
F12
FRONT AIR VENT CONTROL SERVO MOTOR
A22
AIR INLET CONTROL SERVO MOTOR
F11
FRONT AIR MIX CONTROL SERVO MOTOR
F16
FRONT THERMISTOR
A13
AMBIENT TEMP. SENSOR
IH1
J9 A , J10 B
JUNCTION CONNECTOR

AIR CONDITIONER (AUTOMATIC A/C)





* 1 : W/ MOON ROOF
* 2 : W/O MOON ROOF
FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A GAUGE
30A RR HTR
4F
B-L
R-L
4C
J4 JUNCTION CONNECTOR
RR HTR RELAY
W-G
IJ1
4B
4G
1A
MG CLT RELAY
1G
1D
GR-B
L-R
B4
C18 CONDENSER (REAR A/C)
M
R12 REAR BLOWER MOTOR
R18 REAR COOLER CONTROL SW
IM1
IE1
IL2
L-B
L
L-Y
GR-G
W-B
W-L
B-Y
R13 REAR BLOWER RESISTOR
BH
BA : (*1)
BB : (*2)

AIR CONDITIONER (AUTOMATIC A/C)

SERVICE HINTS

HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and front blower SW on

RR HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and rear cooler control SW on

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A2	100 (RHD)	C18	104 (RHD)	J8 B	103 (RHD)
A3	100 (RHD)	E4 A	102 (RHD)	J9 A	103 (RHD)
A13	100 (RHD)	E5 B	102 (RHD)	J10 B	103 (RHD)
A15 A	102 (RHD)	F11	102 (RHD)	J20 A	103 (RHD)
A16 B	102 (RHD)	F12	102 (RHD)	J21 B	103 (RHD)
A17 C	102 (RHD)	F13	102 (RHD)	R12	105 (RHD)
A18	102 (RHD)	F16	102 (RHD)	R13	105 (RHD)
A19	102 (RHD)	I11	103 (RHD)	R18	105 (RHD)
A22	102 (RHD)	J4	103 (RHD)	W3	103 (RHD)
B3	102 (RHD)	J7 A	103 (RHD)		

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)
5	79 (RHD)	R/B No.5 (Surrounding of the Left Side Root of the Instrument Panel Reinforcement)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A 1D 1F	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
4A 4B 4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4D 4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4G	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5D 5E	86 (RHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

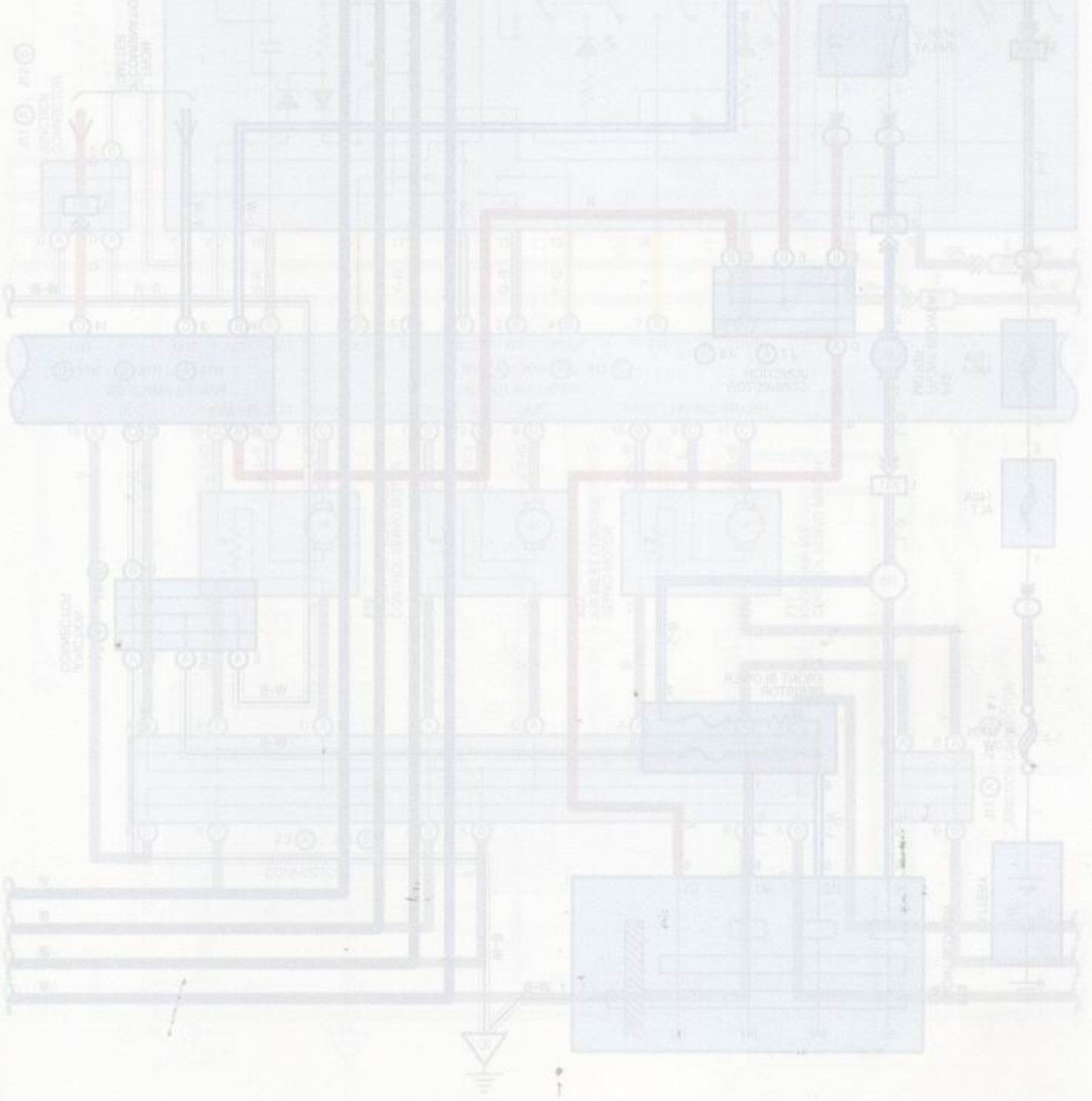
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	114 (RHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
IE1	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IG1	116 (RHD)	Cowl No.2 Wire and A/C Sub Wire (Left of the Blower Unit)
IH1	118 (RHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM1	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)

: GROUND POINTS

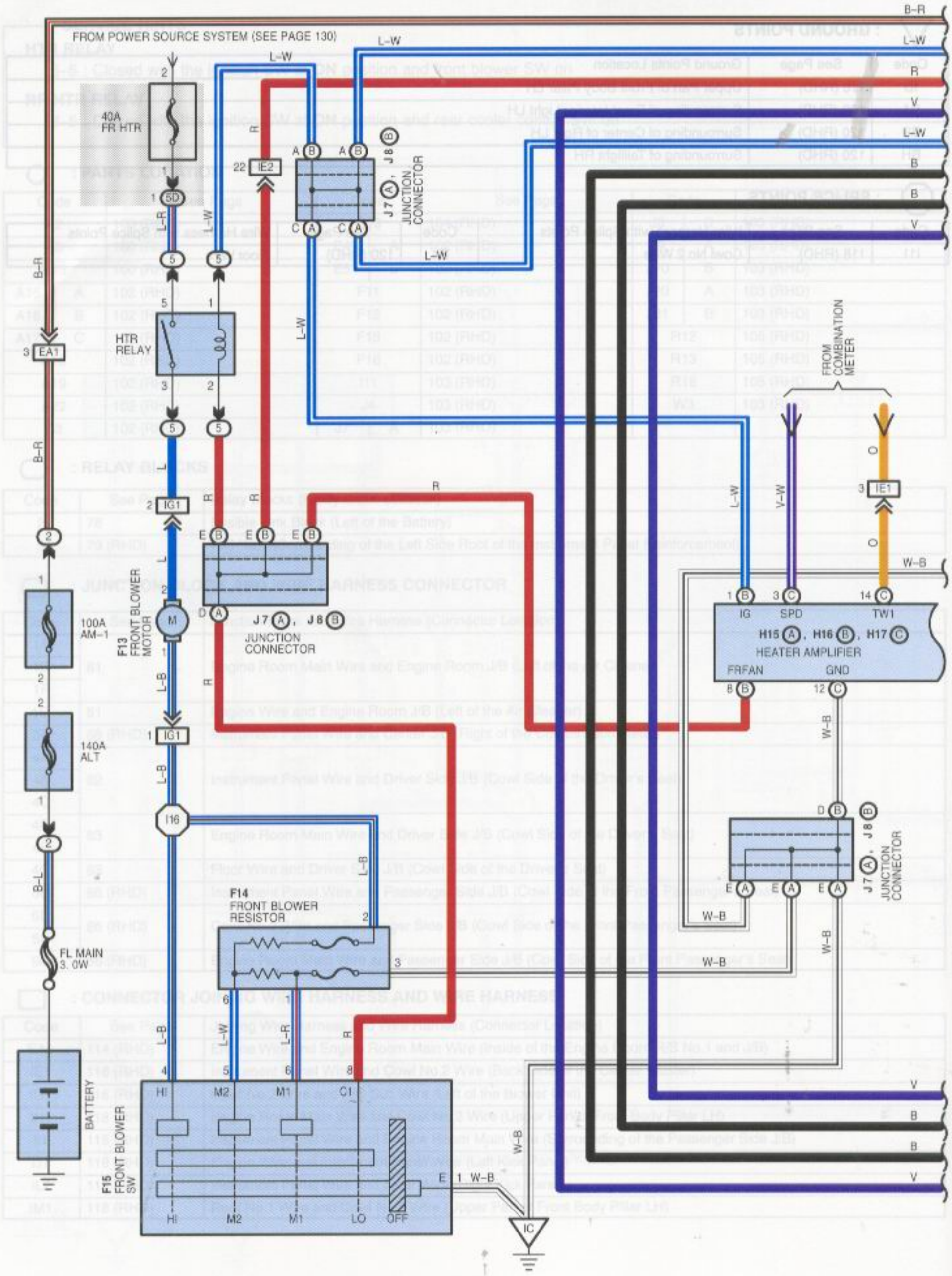
Code	See Page	Ground Points Location
ID	116 (RHD)	Upper Part of Front Body Pillar LH
BA	120 (RHD)	Surrounding of Front Interior Light LH
BB	120 (RHD)	Surrounding of Center of Roof LH
BH	120 (RHD)	Surrounding of Taillight RH

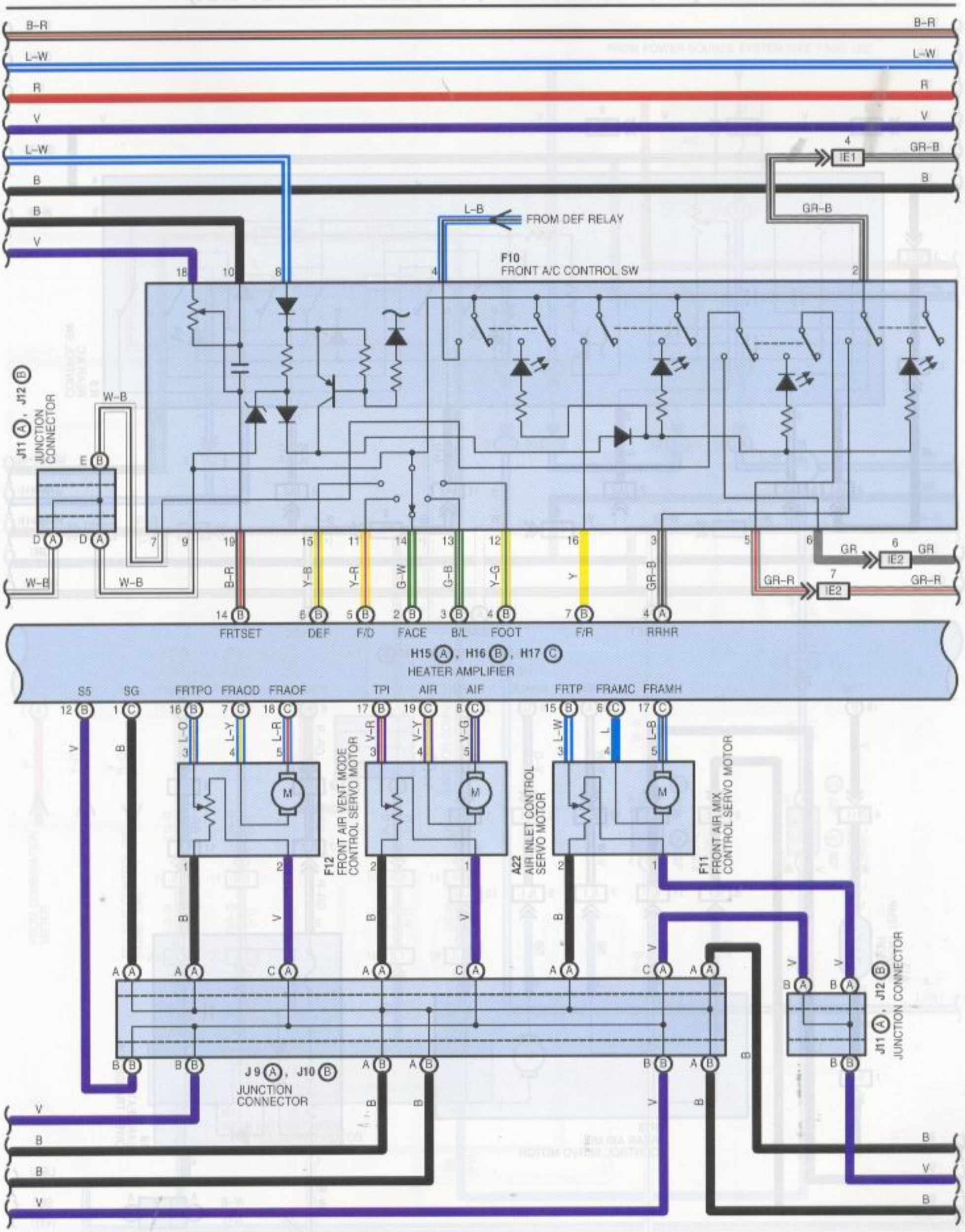
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I11	118 (RHD)	Cowl No.2 Wire	B4	120 (RHD)	Floor Wire

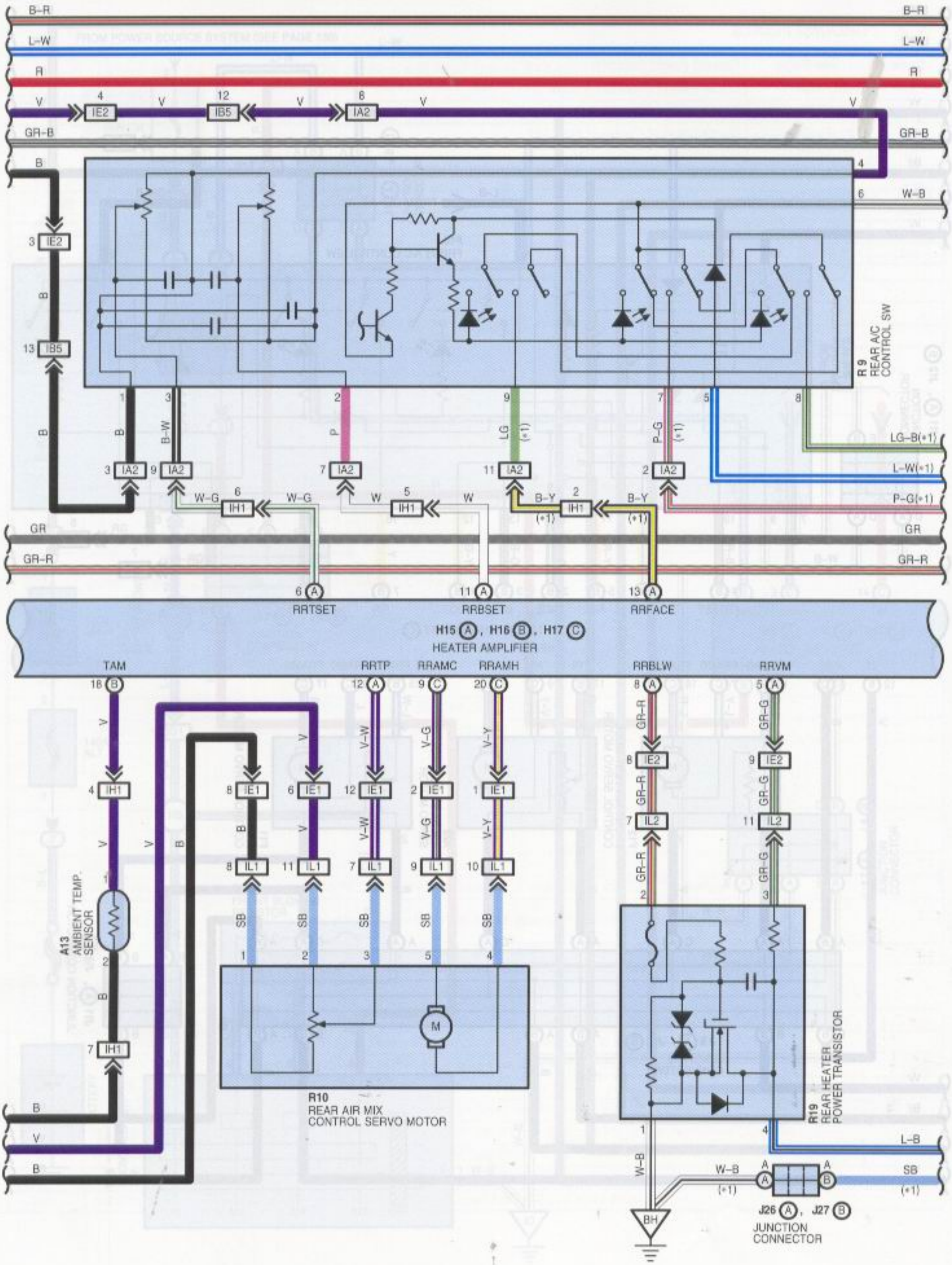


AIR CONDITIONER (LHD MANUAL A/C COLD AREA SPEC.)




B-R
L-W
R
V
L-W
B
B
V
L-B
FROM DEF RELAY
F10
FRONT A/C CONTROL SW
18
10
8
4
2
4
IE1
GR-B
B
GR-B
J11 A , J12 B
JUNCTION CONNECTOR
W-B
E B
D A
D A
7
9
W-B
W-B
19
15
11
14
13
12
16
3
5
6
6
GR
6
GR
IE2
7
GR-R
IE2
GR-R
B-R
Y-B
Y-R
G-W
G-B
Y-G
Y
GR-B
14 B
6 B
5 B
2 B
3 B
4 B
7 B
4 A
FRTSET
DEF
F/D
FACE
B/L
FOOT
F/R
RRHR
H15 A , H16 B , H17 C
HEATER AMPLIFIER
S5
SG
FRTPO
FRAOD
FRAOF
TPI
AIR
AIF
FRTP
FRAMC
FRAMH
12 B
1 C
16 B
7 C
18 C
17 B
19 C
8 C
15 B
6 C
17 C
L-O
L-Y
L-R
V-R
V-Y
V-G
L-W
L
L-B
M
F12
FRONT AIR VENT MODE
CONTROL SERVO MOTOR
A22
AIR INLET CONTROL
SERVO MOTOR
F11
FRONT AIR MIX
CONTROL SERVO MOTOR
J9 A , J10 B
JUNCTION
CONNECTOR
J11 A , J12 B
JUNCTION CONNECTOR

AIR CONDITIONER (LHD MANUAL A/C COLD AREA SPEC.)



*1 : W/ REAR COOLER

FROM POWER SOURCE SYSTEM (SEE PAGE 130)

7.5A A/C

H15 (A), H16 (B), H17 (C)
HEATER AMPLIFIER

IGN ALT HED RRFACE2 RRFACE1 RRFOOT

FROM COMBINATION METER

FROM ALTERNATOR

TO LIGHT CONTROL SW [COMB. SW]

J7 (A), J8 (B) JUNCTION CONNECTOR

J23 (A), J24 (B) JUNCTION CONNECTOR

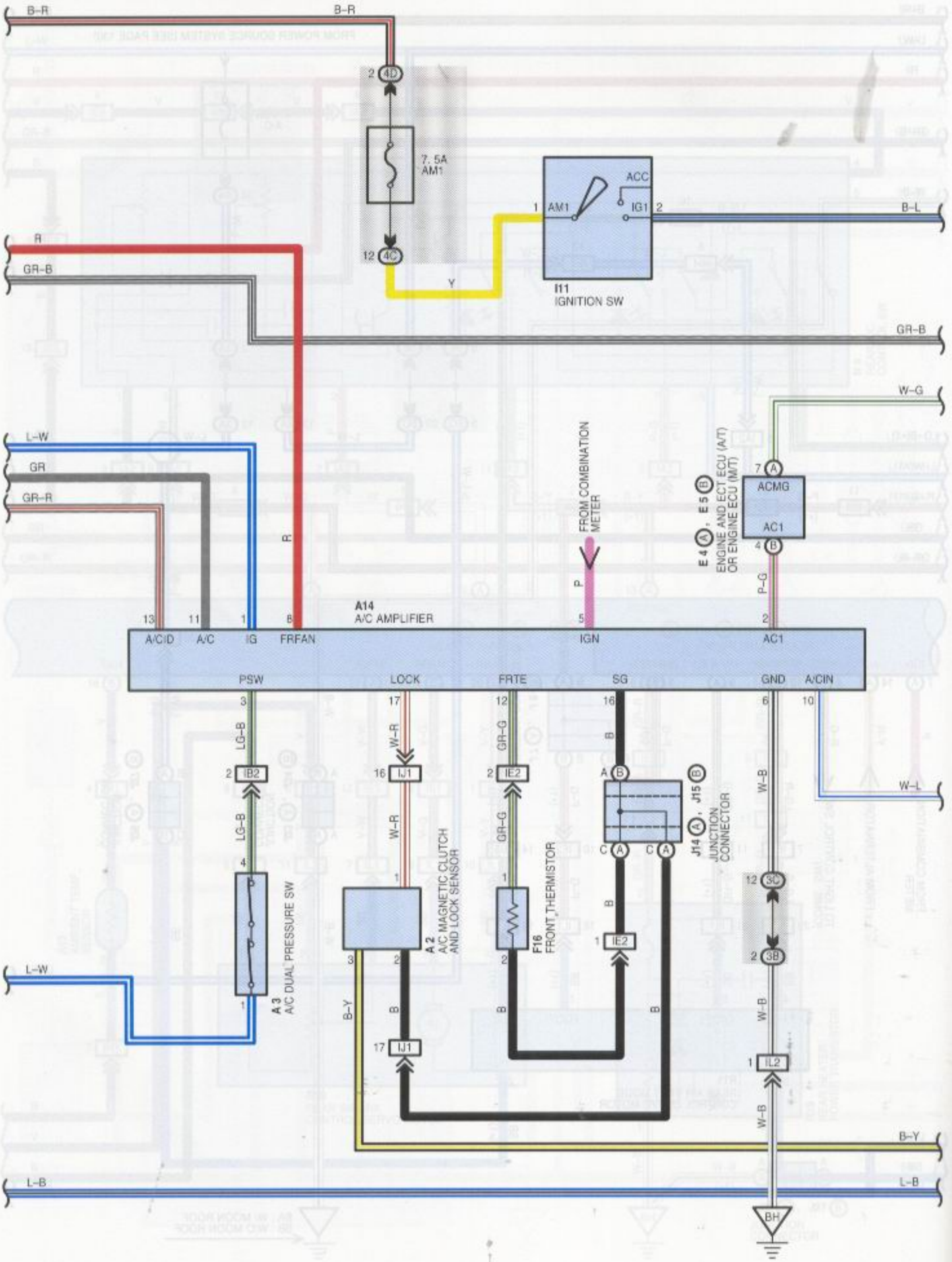
J26 (A), J27 (B) JUNCTION CONNECTOR

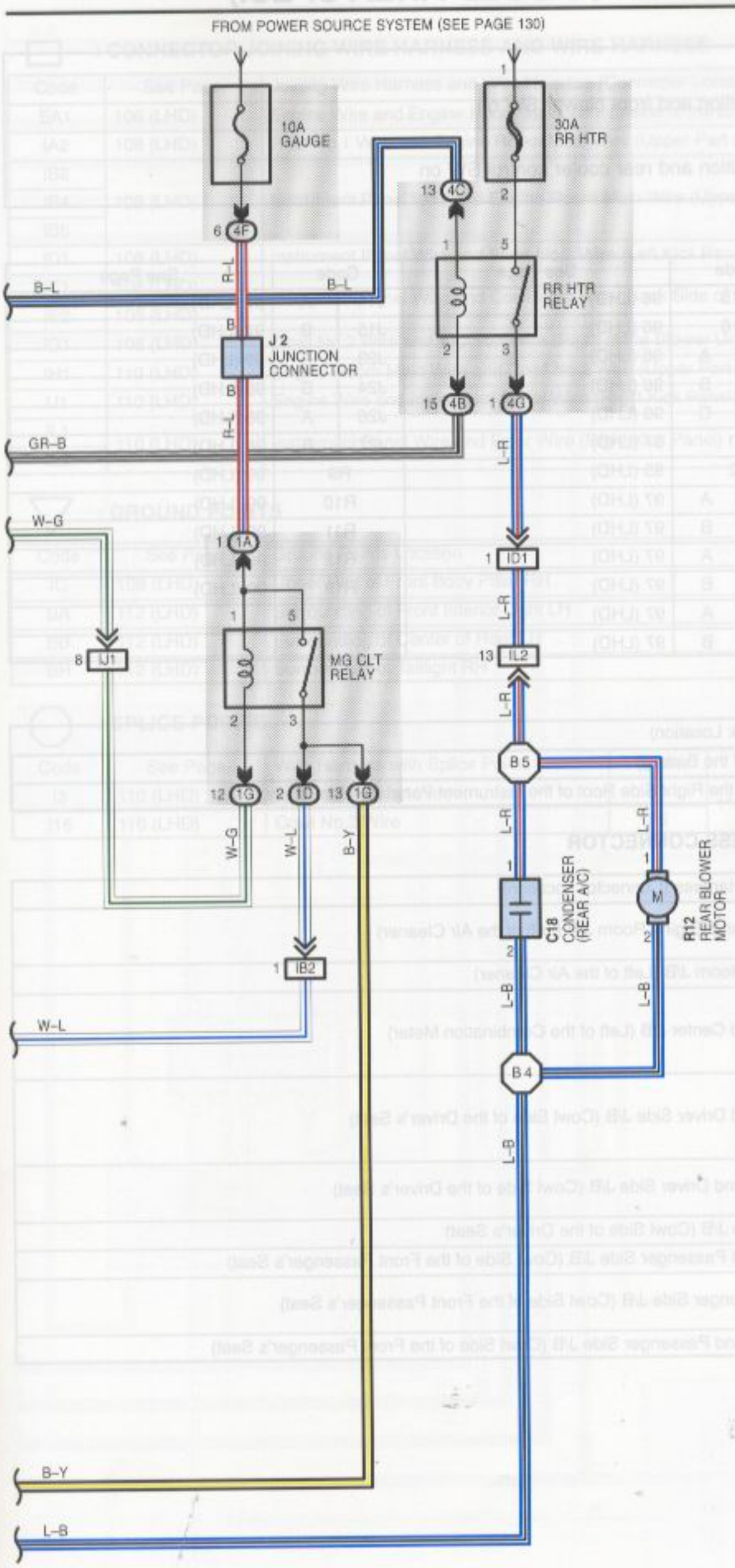
R11
REAR AIR VENT MODE CONTROL SERVO MOTOR

FACE2 FACE1 FOOT B/L

BA : W/ MOON ROOF
BB : W/O MOON ROOF

AIR CONDITIONER (LHD MANUAL A/C COLD AREA SPEC.)




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A
GAUGE
30A
RR HTR
RR HTR
RELAY
J 2
JUNCTION
CONNECTOR
MG CLT
RELAY
C18
CONDENSER
(REAR A/C)
R12
REAR BLOWER
MOTOR
B-L
GR-B
W-G
W-L
B-Y
L-B
R-L
L-R
L-B
4F
4C
4B
4G
1A
1D1
IL2
IJ1
1G
1D
1G
IB2
B5
B4
M

AIR CONDITIONER (LHD MANUAL A/C COLD AREA SPEC.)

SERVICE HINTS

HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and front blower SW on

RR HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and rear cooler control SW on

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A2	94 (LHD)	F15	96 (LHD)	J14 A	97 (LHD)
A3	94 (LHD)	F16	96 (LHD)	J15 B	97 (LHD)
A13	94 (LHD)	H15 A	96 (LHD)	J23 A	98 (LHD)
A14	96 (LHD)	H16 B	96 (LHD)	J24 B	98 (LHD)
A22	96 (LHD)	H17 C	96 (LHD)	J26 A	98 (LHD)
C18	98 (LHD)	I11	97 (LHD)	J27 B	98 (LHD)
E4 A	96 (LHD)	J2	95 (LHD)	R9	99 (LHD)
E5 B	96 (LHD)	J7 A	97 (LHD)	R10	99 (LHD)
F10	96 (LHD)	J8 B	97 (LHD)	R11	99 (LHD)
F11	96 (LHD)	J9 A	97 (LHD)	R12	99 (LHD)
F12	96 (LHD)	J10 B	97 (LHD)	R19	99 (LHD)
F13	96 (LHD)	J11 A	97 (LHD)		
F14	96 (LHD)	J12 B	97 (LHD)		

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)
5	79 (LHD)	R/B No.5 (Surrounding of the Right Side Root of the Instrument Panel Reinforcement)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A 1D	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A 3B 3C	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
4A 4B 4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4D 4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4G	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5D 5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	106 (LHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
IA2	108 (LHD)	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB4		
IB5		
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2	108 (LHD)	
IG1	108 (LHD)	Cowl No.2 Wire and A/C Sub Wire (Right of the Blower Unit)
IH1	110 (LHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar RH)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IL1	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IL2		

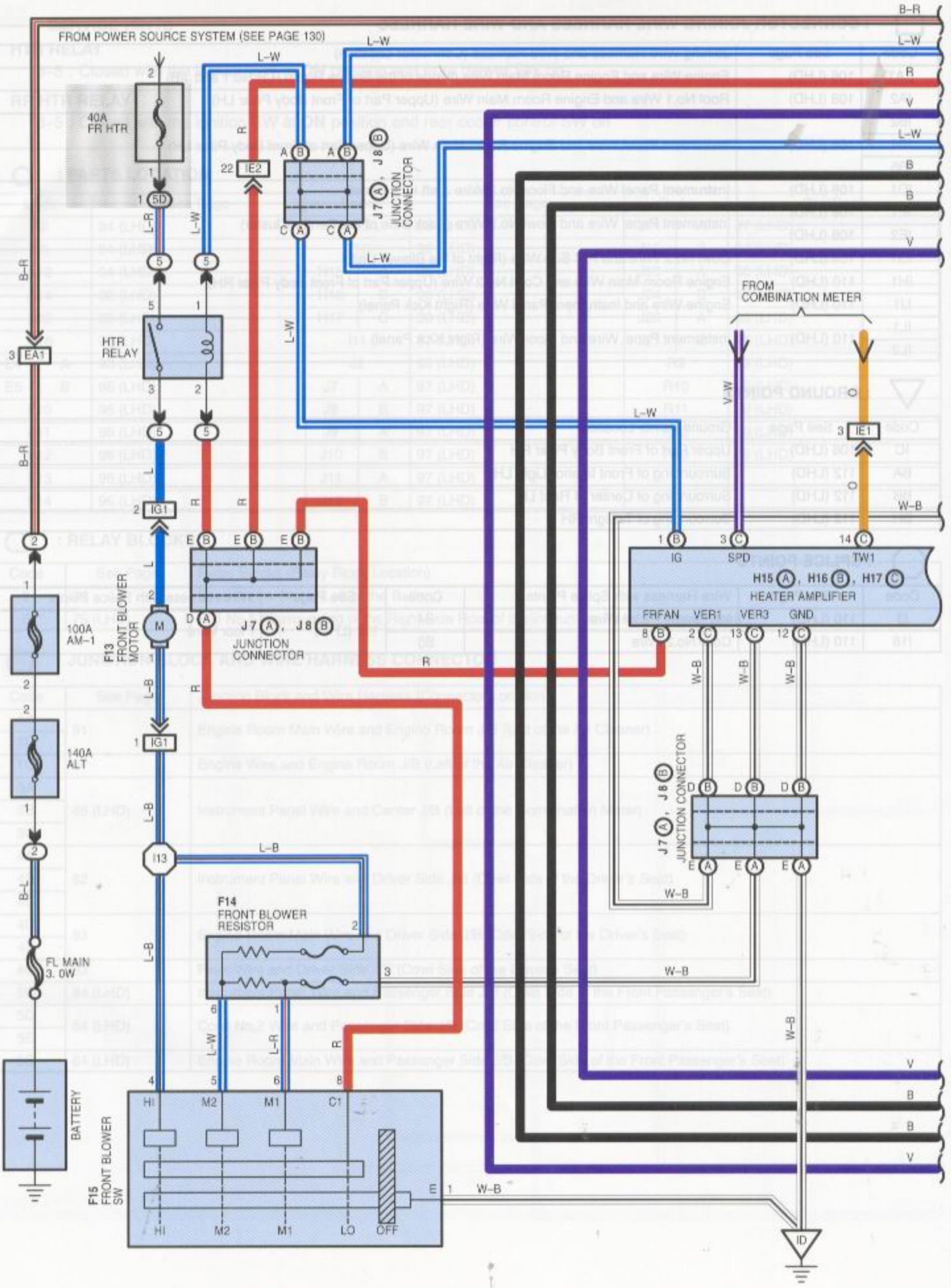
: GROUND POINTS

Code	See Page	Ground Points Location
IC	108 (LHD)	Upper Part of Front Body Pillar RH
BA	112 (LHD)	Surrounding of Front Interior Light LH
BB	112 (LHD)	Surrounding of Center of Roof LH
BH	112 (LHD)	Surrounding of Taillight RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	110 (LHD)	Instrument Panel Wire	B4	112 (LHD)	Floor Wire
I16	110 (LHD)	Cowl No.2 Wire	B5		

AIR CONDITIONER (RHD MANUAL A/C COLD AREA SPEC.)



*1 : W/ REAR COOLER

B–R
L–W
R
V
L–W
B
B
V

I12
L–W
L–W
(*1)

B–R
L–W
R
V
L–W(*1)
B

F10
FRONT A/C CONTROL SW

L–B
FROM DEF RELAY

W–B
J11 (A), J12 (B)
JUNCTION CONNECTOR
W–B
W–B

B–R
Y–R
Y–B
G–W
Y–G
G–B
Y
GR
GR–R

FRTSET
F/D
DEF
FACE
FOOT
B/L
F/R

H15 (A), H16 (B), H17 (C)
HEATER AMPLIFIER

S5 SG FRTPO FRAOD FRAOF TPI AIR AIF FRTP FRAMC FRAMH

L–O
L–Y
L–R
V–R
V–Y
V–G
L–W
L
L–B

F12
FRONT AIR VENT MODE CONTROL SERVO MOTOR

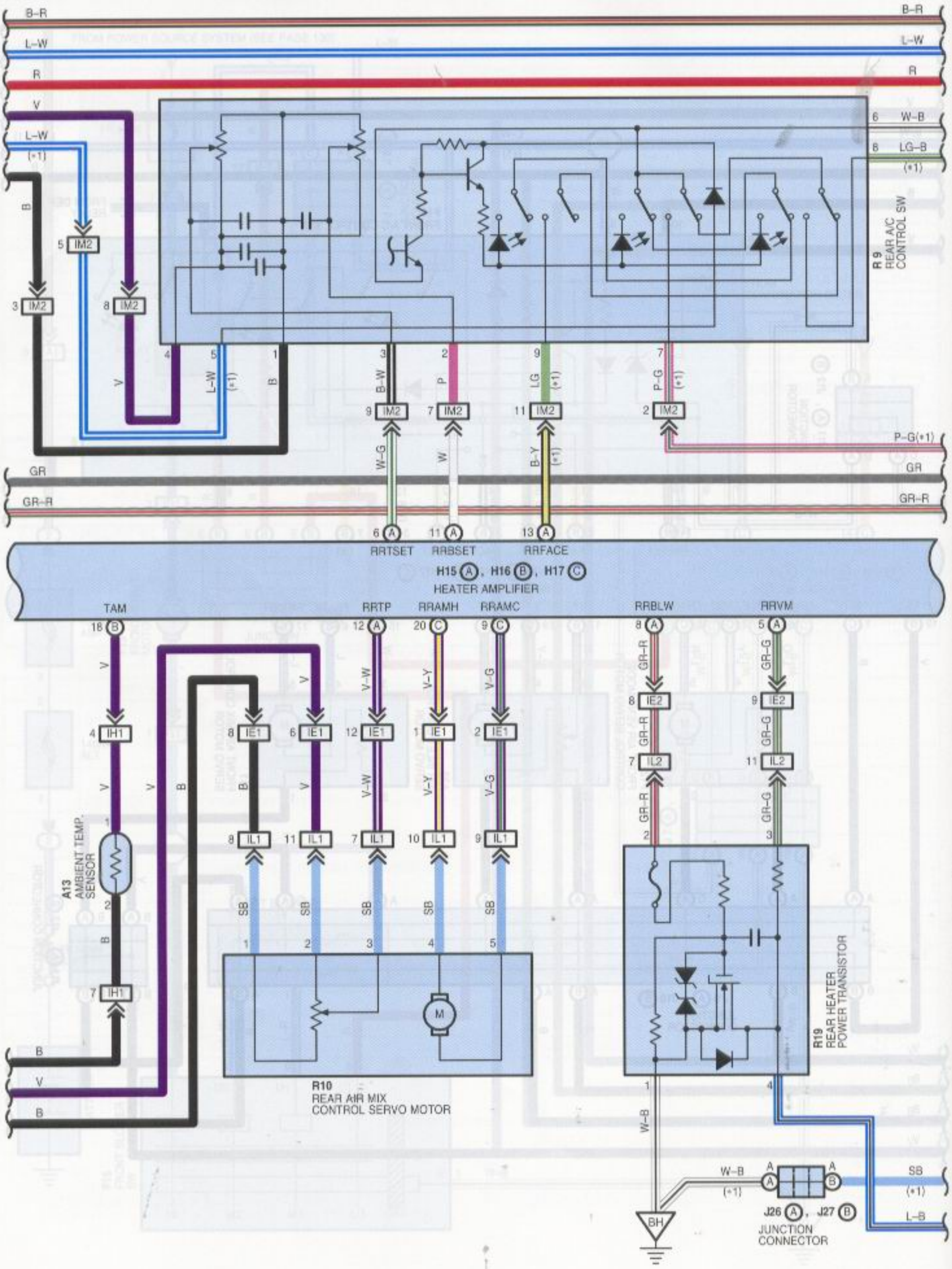
A22
AIR INLET CONTROL SERVO MOTOR

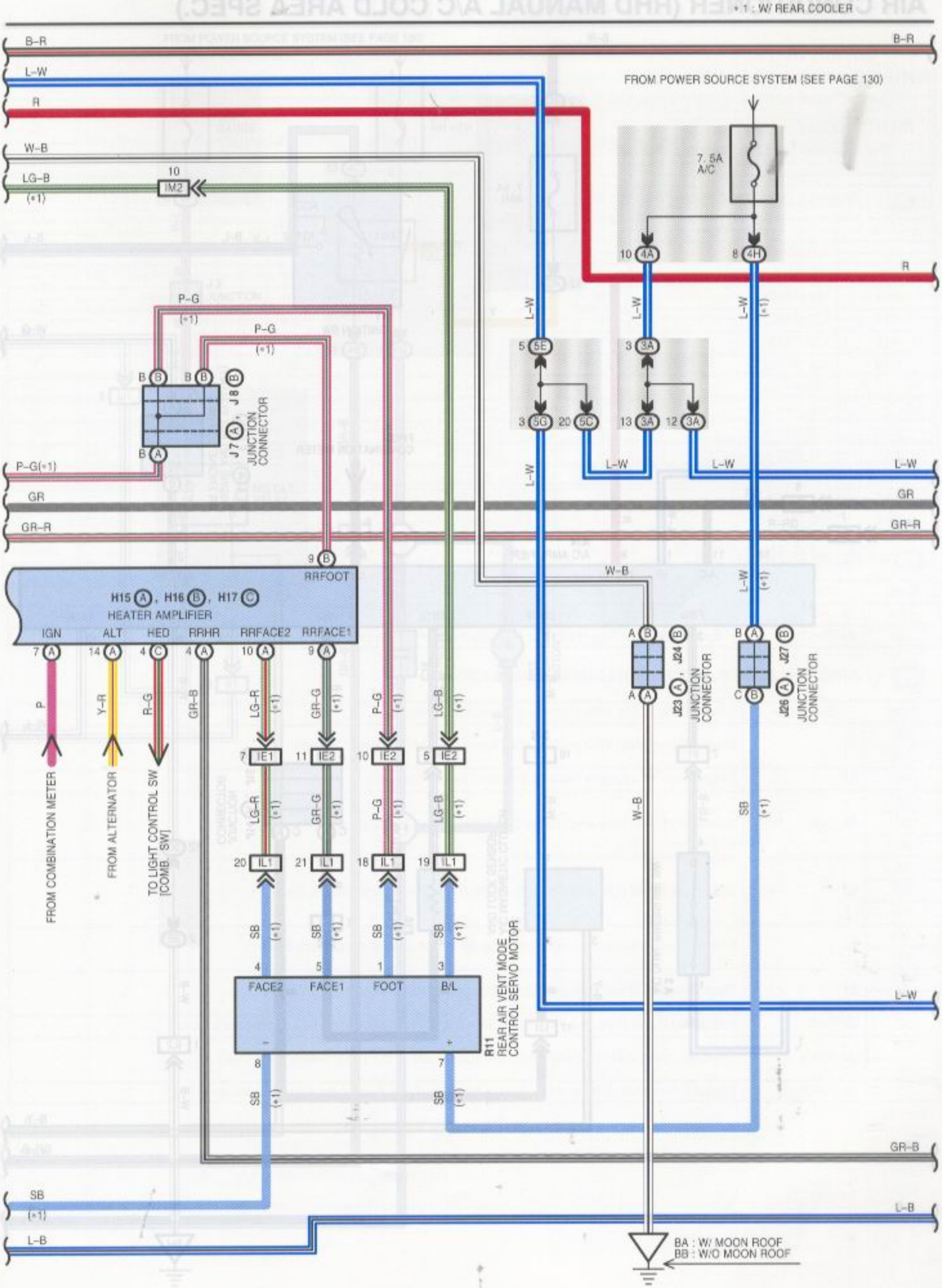
F11
FRONT AIR MIX CONTROL SERVO MOTOR

J9 (A), J10 (B)
JUNCTION CONNECTOR

J11 (A), J12 (B)
JUNCTION CONNECTOR

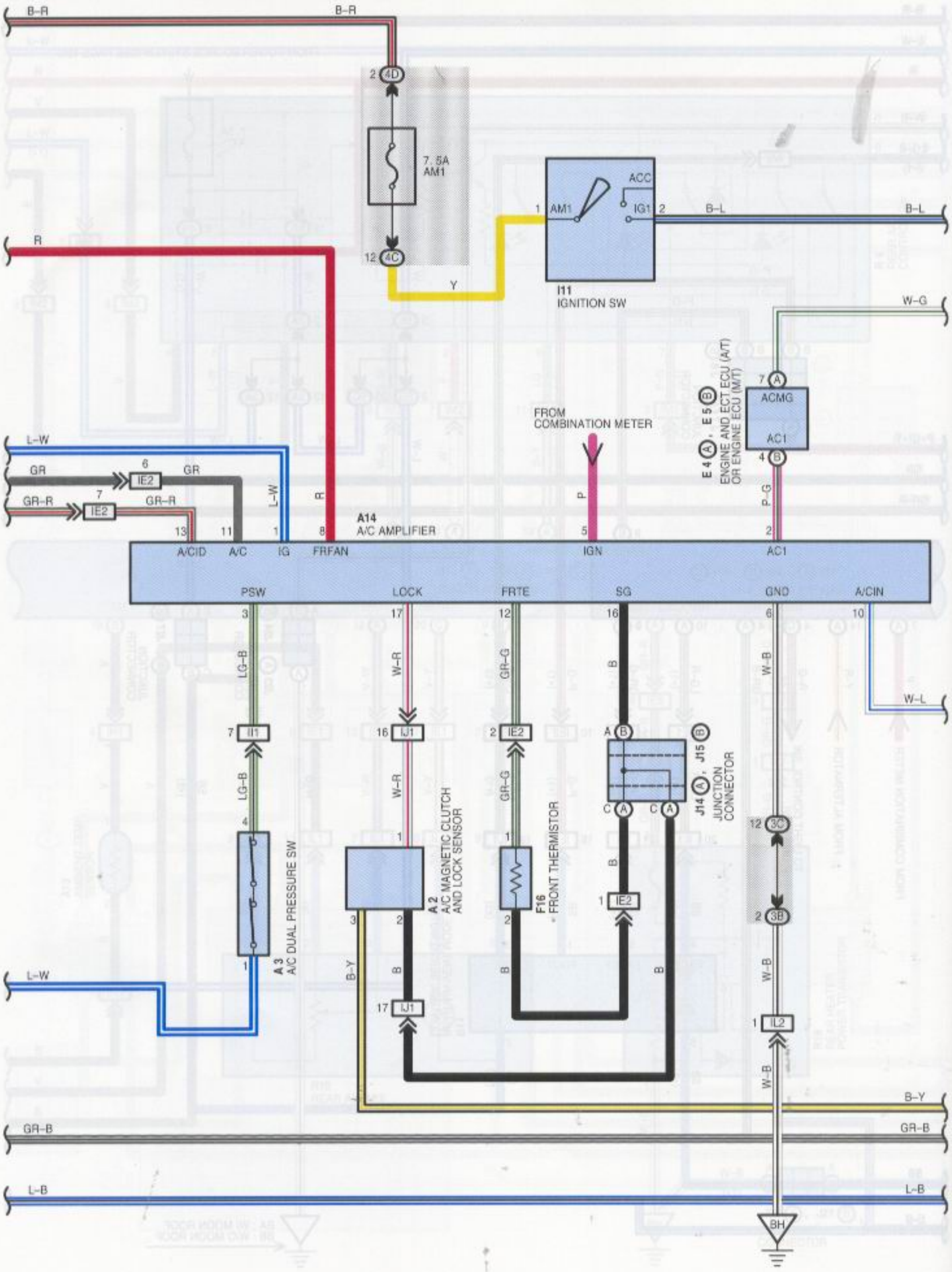
AIR CONDITIONER (RHD MANUAL A/C COLD AREA SPEC.)

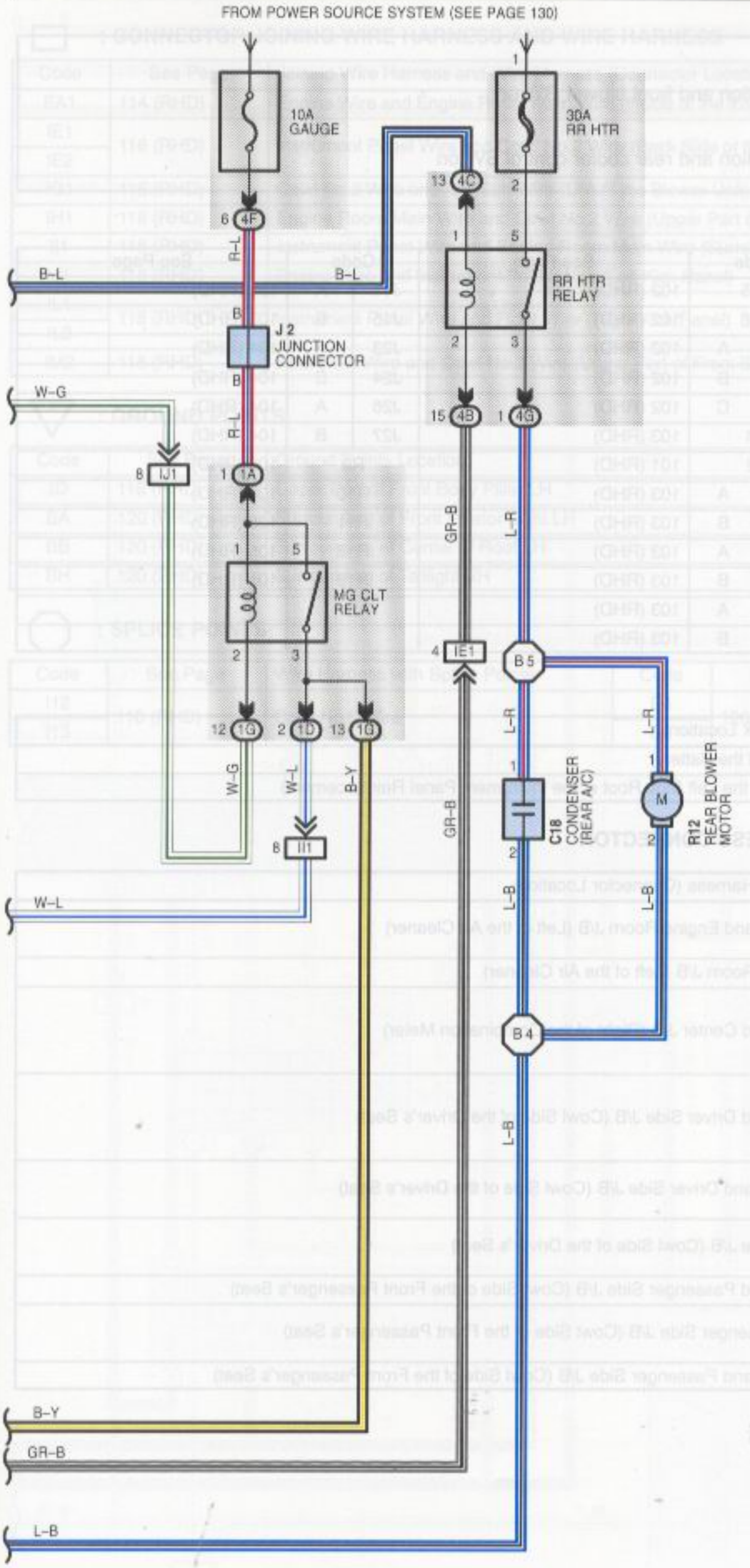




* 1 : W/ REAR COOLER
B–R
L–W
R
W–B
LG–B
(*1)
10
IM2
FROM POWER SOURCE SYSTEM (SEE PAGE 130)
7. 5A
A/C
10 4A
8 4H
P–G
(*1)
B B
B B
J7 A , J8 B
JUNCTION CONNECTOR
B A
P–G(*1)
GR
GR–R
5 5E
3 3A
3 5G
20 5C
13 3A
12 3A
9 B
RRFOOT
H15 A , H16 B , H17 C
HEATER AMPLIFIER
IGN
ALT
HED
RRHR
RRFACE2
RRFACE1
7 A
14 A
4 C
4 A
10 A
9 A
P
Y–R
R–G
GR–B
LG–R
GR–G
P–G
LG–B
FROM COMBINATION METER
FROM ALTERNATOR
TO LIGHT CONTROL SW
[COMB. SW]
7 IE1
11 IE2
10 IE2
5 IE2
20 IL1
21 IL1
18 IL1
19 IL1
SB
4
5
1
3
FACE2
FACE1
FOOT
B/L
R11
REAR AIR VENT MODE
CONTROL SERVO MOTOR
8
7
A B
A A
J23 A , J24 B
JUNCTION CONNECTOR
B A
C B
J26 A , J27 B
JUNCTION CONNECTOR
SB
(*1)
L–B
BA : W/ MOON ROOF
BB : W/O MOON ROOF

AIR CONDITIONER (RHD MANUAL A/C COLD AREA SPEC.)




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A GAUGE
30A RR HTR
6 4F
13 4C
2
1
5
RR HTR RELAY
2
3
15 4B
1 4G
R-L
B-L
B-L
B
J 2 JUNCTION CONNECTOR
B
W-G
R-L
8 IJ1
1 1A
1
5
MG CLT RELAY
2
3
12 1G
2 1D
13 1G
GR-B
L-R
4 IE1
B 5
L-R
L-R
1
C18 CONDENSER (REAR A/C)
M
R12 REAR BLOWER MOTOR
W-G
W-L
B-Y
8 II1
W-L
L-B
L-B
B 4
L-B
B-Y
GR-B
L-B

AIR CONDITIONER (RHD MANUAL A/C COLD AREA SPEC.)

SERVICE HINTS

HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and front blower SW on

RR HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and rear cooler control SW on

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A2		100 (RHD)	F15		102 (RHD)	J14	A	103 (RHD)
A3		100 (RHD)	F16		102 (RHD)	J15	B	103 (RHD)
A13		100 (RHD)	H15	A	102 (RHD)	J23	A	104 (RHD)
A14		102 (RHD)	H16	B	102 (RHD)	J24	B	104 (RHD)
A22		102 (RHD)	H17	C	102 (RHD)	J26	A	104 (RHD)
C18		104 (RHD)	I11		103 (RHD)	J27	B	104 (RHD)
E4	A	102 (RHD)	J2		101 (RHD)	R9		105 (RHD)
E5	B	102 (RHD)	J7	A	103 (RHD)	R10		105 (RHD)
F10		102 (RHD)	J8	B	103 (RHD)	R11		105 (RHD)
F11		102 (RHD)	J9	A	103 (RHD)	R12		105 (RHD)
F12		102 (RHD)	J10	B	103 (RHD)	R19		105 (RHD)
F13		102 (RHD)	J11	A	103 (RHD)			
F14		102 (RHD)	J12	B	103 (RHD)			

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)
5	79 (RHD)	R/B No.5 (Surrounding of the Left Side Root of the Instrument Panel Reinforcement)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1D		
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B		
3C		
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4D	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F		
4G	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4H		
5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5D	86 (RHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E		
5G	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	114 (RHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
IE1	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2		
IG1	116 (RHD)	Cowl No.2 Wire and A/C Sub Wire (Left of the Blower Unit)
IH1	118 (RHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL1	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IL2		
IM2	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)

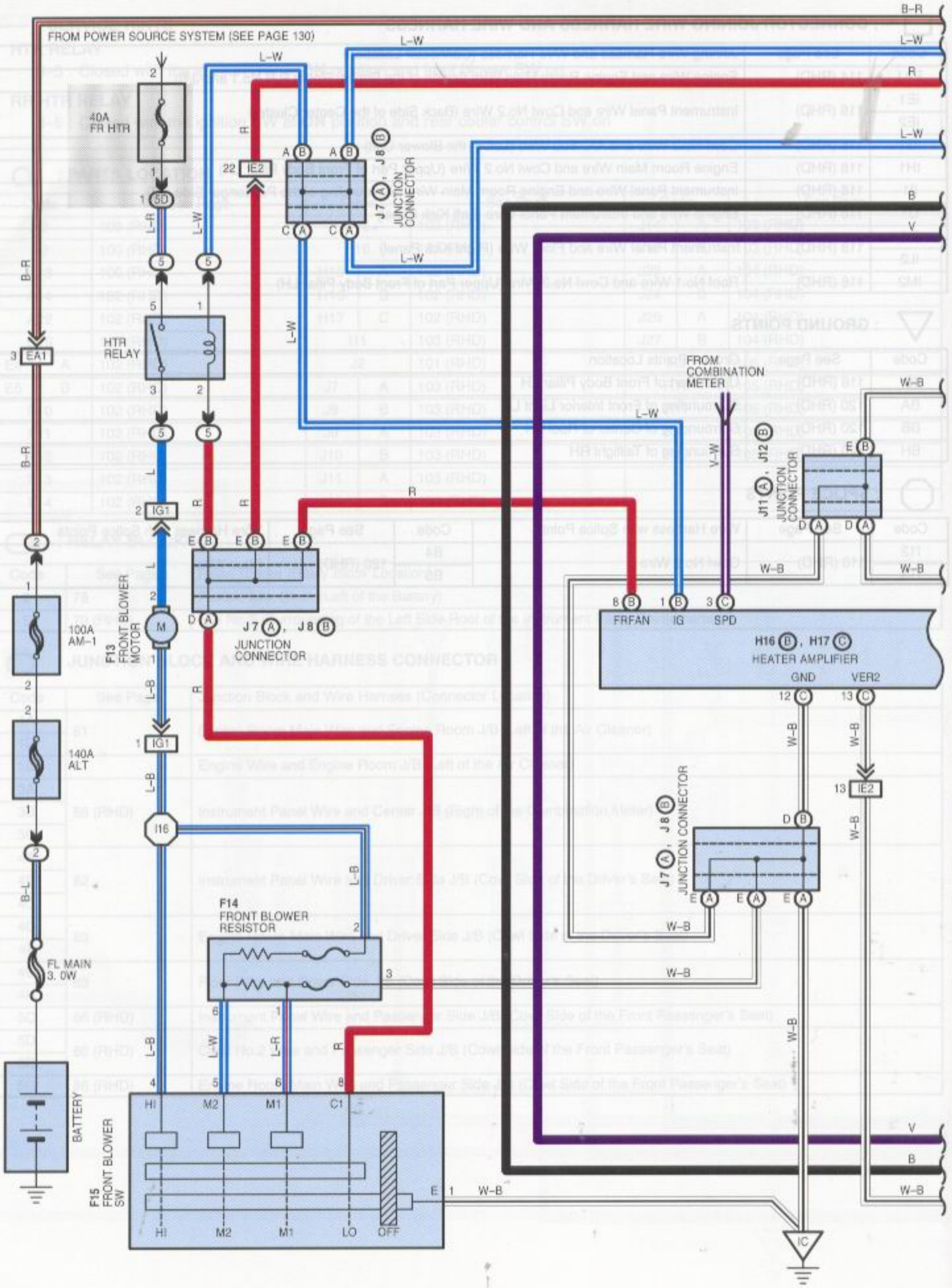
: GROUND POINTS

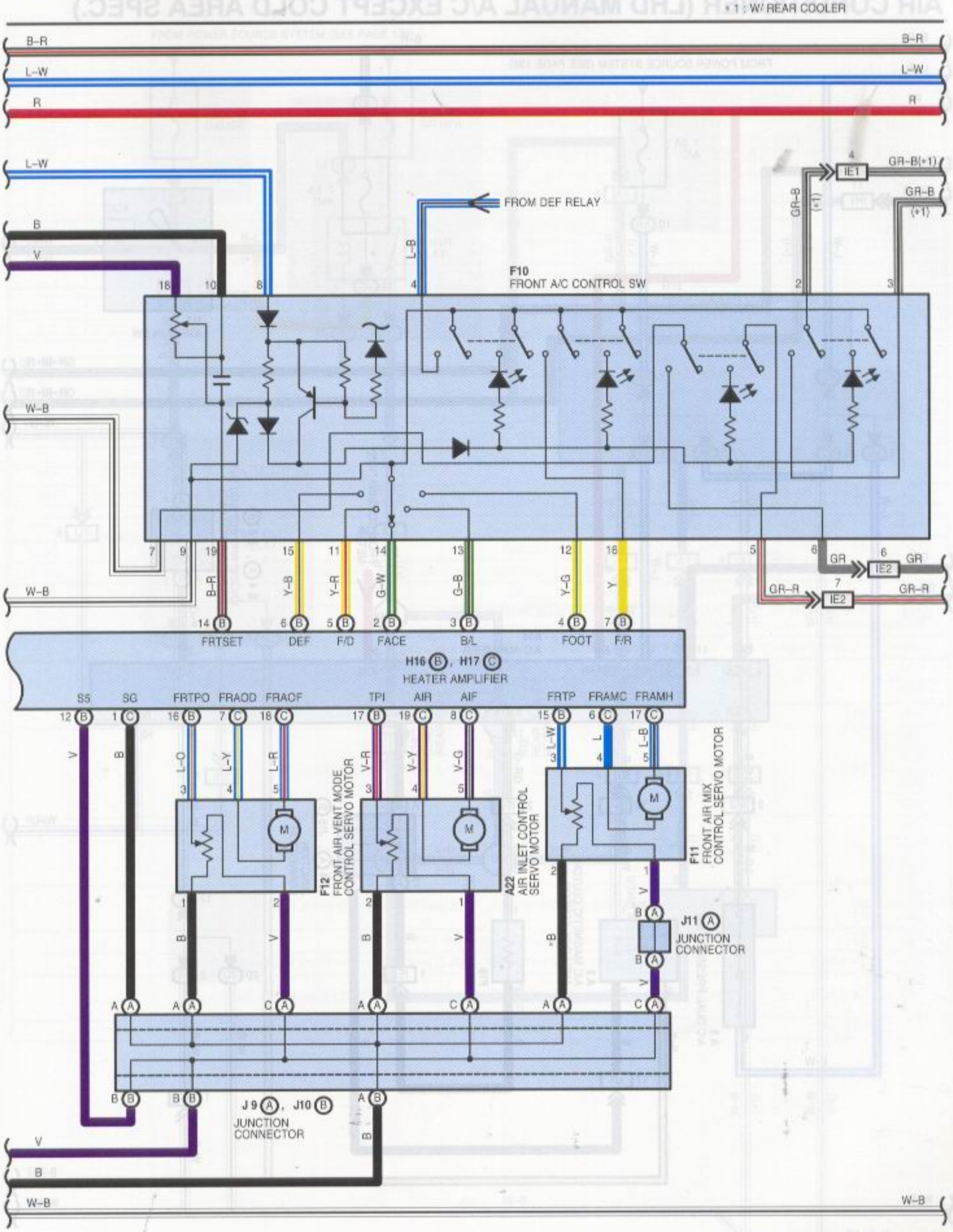
Code	See Page	Ground Points Location
ID	116 (RHD)	Upper Part of Front Body Pillar LH
BA	120 (RHD)	Surrounding of Front Interior Light LH
BB	120 (RHD)	Surrounding of Center of Roof LH
BH	120 (RHD)	Surrounding of Taillight RH

: SPLICE POINTS

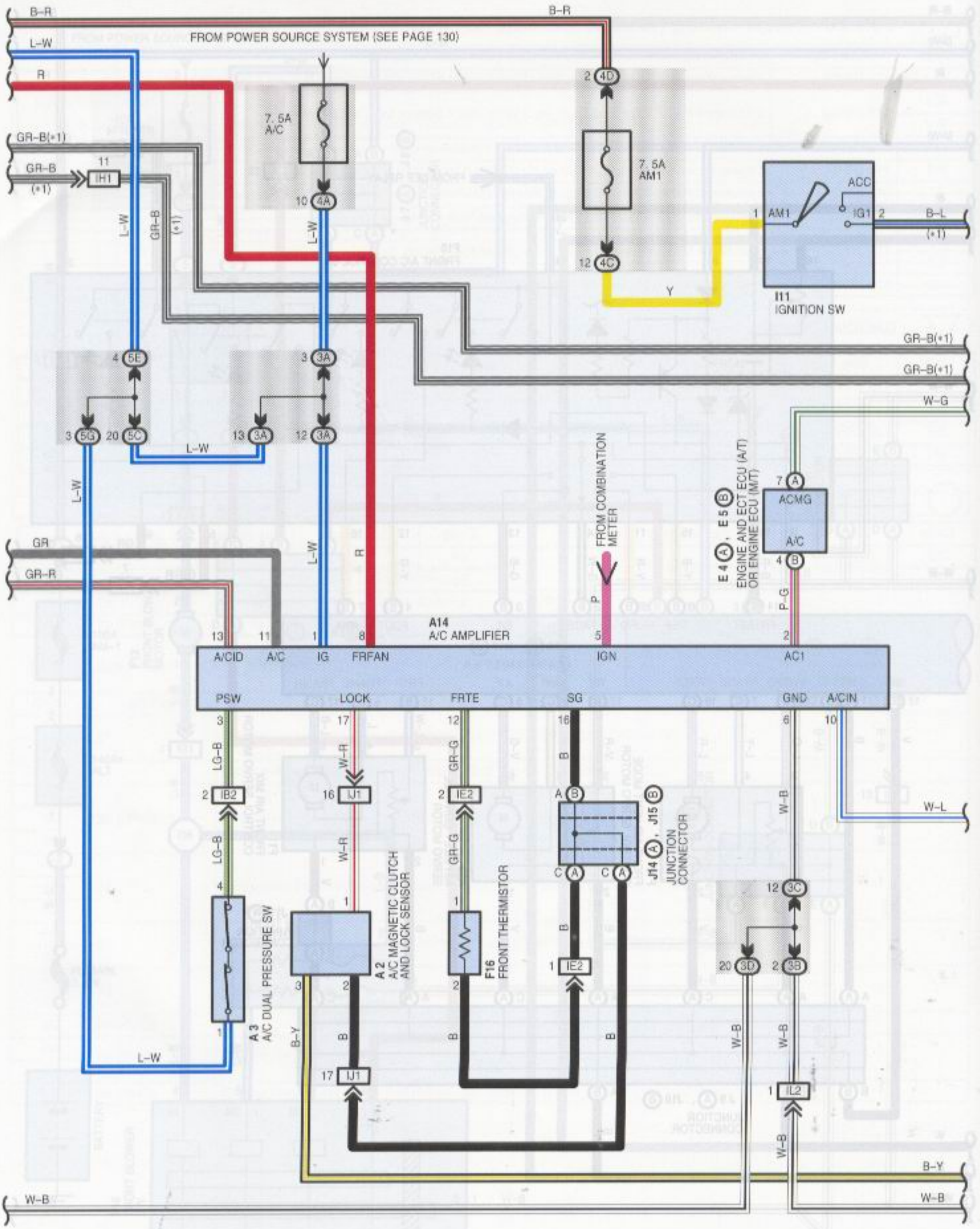
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I12	118 (RHD)	Cowl No.2 Wire	B4	120 (RHD)	Floor Wire
I13			B5		

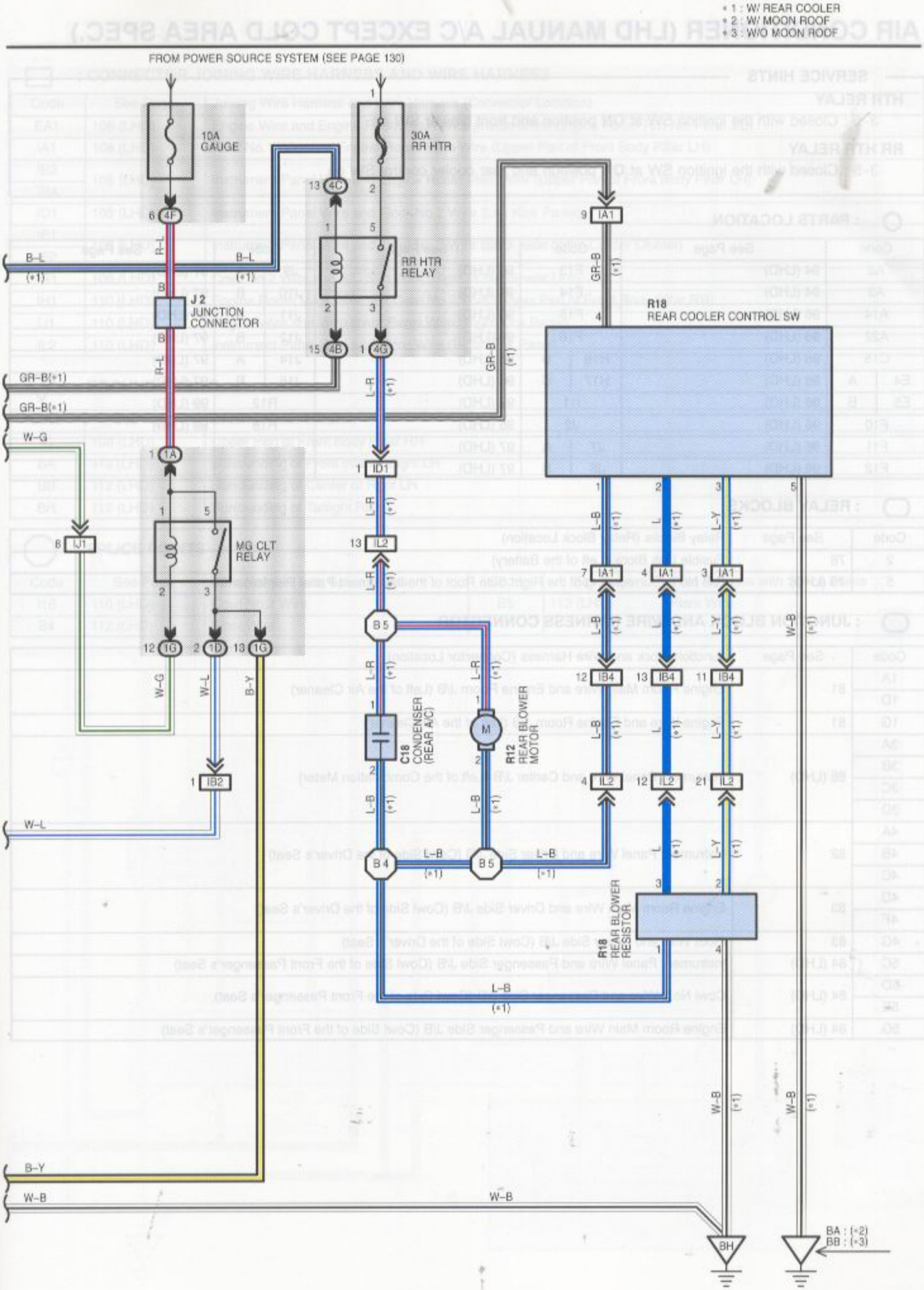
AIR CONDITIONER (LHD MANUAL A/C EXCEPT COLD AREA SPEC.)




*1 : W/ REAR COOLER
B-R
L-W
R
L-W
B
V
FROM DEF RELAY
L-B
F10
FRONT A/C CONTROL SW
IE1
GR-B(*1)
GR-B
(*1)
W-B
W-B
B-R
Y-B
Y-R
G-W
G-B
Y-G
Y
GR
GR-R
IE2
FRTSET
DEF
F/D
FACE
B/L
FOOT
F/R
H16 (B), H17 (C)
HEATER AMPLIFIER
S5
SG
FRTPO
FRAOD
FRAOF
TPI
AIR
AIF
FRTP
FRAMC
FRAMH
L-O
L-Y
L-R
V-R
V-Y
V-G
L-W
L
L-B
F12
FRONT AIR VENT MODE CONTROL SERVO MOTOR
A22
AIR INLET CONTROL SERVO MOTOR
F11
FRONT AIR MIX CONTROL SERVO MOTOR
J11 (A)
JUNCTION CONNECTOR
J9 (A), J10 (B)
JUNCTION CONNECTOR
V
B
W-B
W-B

AIR CONDITIONER (LHD MANUAL A/C EXCEPT COLD AREA SPEC.)





* 1 : W/ REAR COOLER
* 2 : W/ MOON ROOF
* 3 : W/O MOON ROOF
FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A GAUGE
30A RR HTR
RR HTR RELAY
J 2 JUNCTION CONNECTOR
MG CLT RELAY
R18 REAR COOLER CONTROL SW
C18 CONDENSER (REAR A/C)
R12 REAR BLOWER MOTOR
R18 REAR BLOWER RESISTOR
BA : (*2)
BB : (*3)

AIR CONDITIONER (LHD MANUAL A/C EXCEPT COLD AREA SPEC.)

SERVICE HINTS

HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and front blower SW on

RR HTR RELAY

3-5 : Closed with the ignition SW at **ON** position and rear cooler control SW on

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A2	94 (LHD)	F13	96 (LHD)	J9 A	97 (LHD)
A3	94 (LHD)	F14	96 (LHD)	J10 B	97 (LHD)
A14	96 (LHD)	F15	96 (LHD)	J11 A	97 (LHD)
A22	96 (LHD)	F16	96 (LHD)	J12 B	97 (LHD)
C18	98 (LHD)	H16 B	96 (LHD)	J14 A	97 (LHD)
E4 A	96 (LHD)	H17 C	96 (LHD)	J15 B	97 (LHD)
E5 B	96 (LHD)	I11	97 (LHD)	R12	99 (LHD)
F10	96 (LHD)	J2	95 (LHD)	R18	99 (LHD)
F11	96 (LHD)	J7 A	97 (LHD)		
F12	96 (LHD)	J8 B	97 (LHD)		

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)
5	79 (LHD)	R/B No.5 (Surrounding of the Right Side Root of the Instrument Panel Reinforcement)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A 1D	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
3A 3B 3C 3D	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
4A 4B 4C	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4D 4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4G	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5D 5E	84 (LHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5G	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

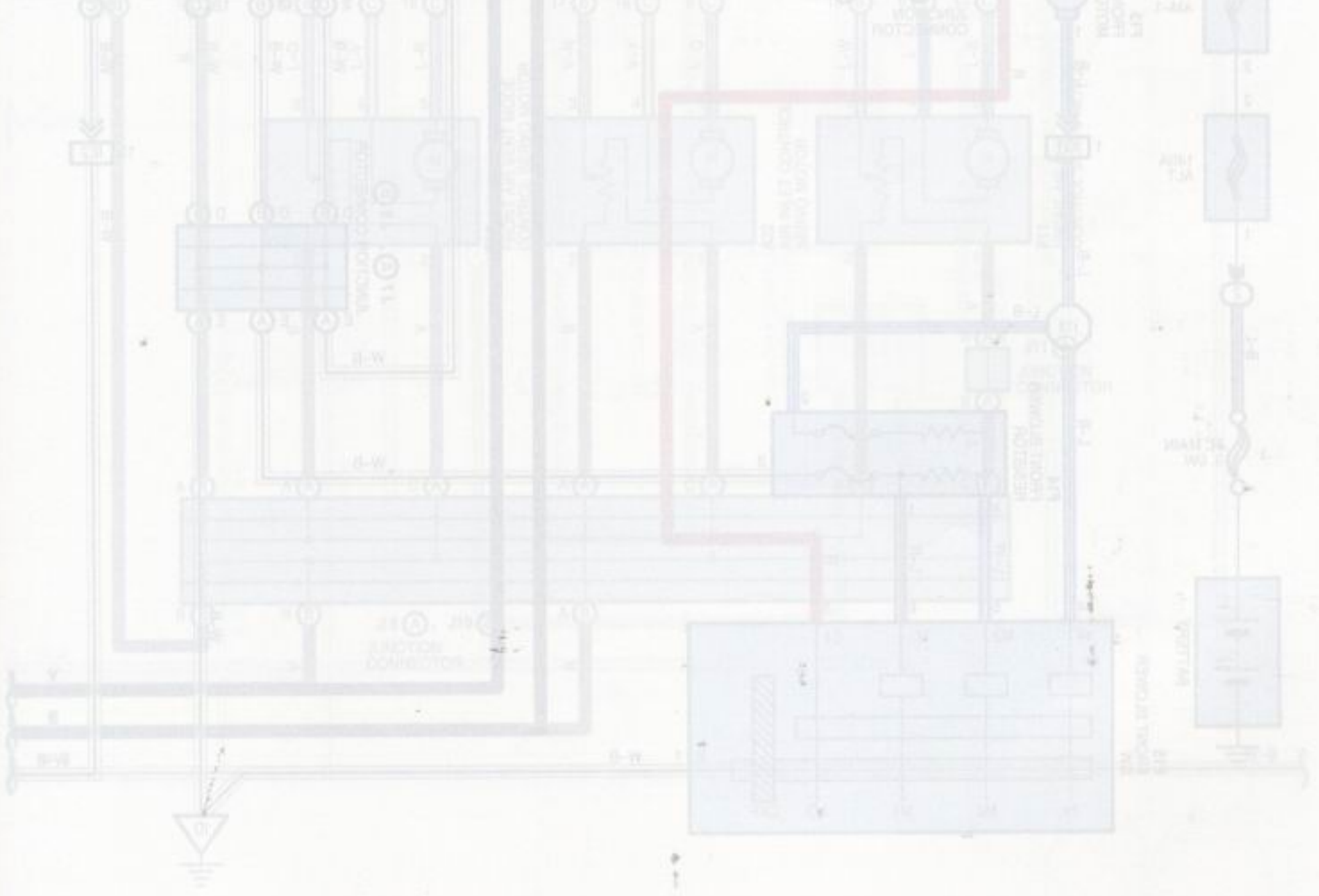
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	106 (LHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
IA1	108 (LHD)	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB2	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB4		
ID1	108 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IE1	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2		
IG1	108 (LHD)	Cowl No.2 Wire and A/C Sub Wire (Right of the Blower Unit)
IH1	110 (LHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar RH)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

: GROUND POINTS

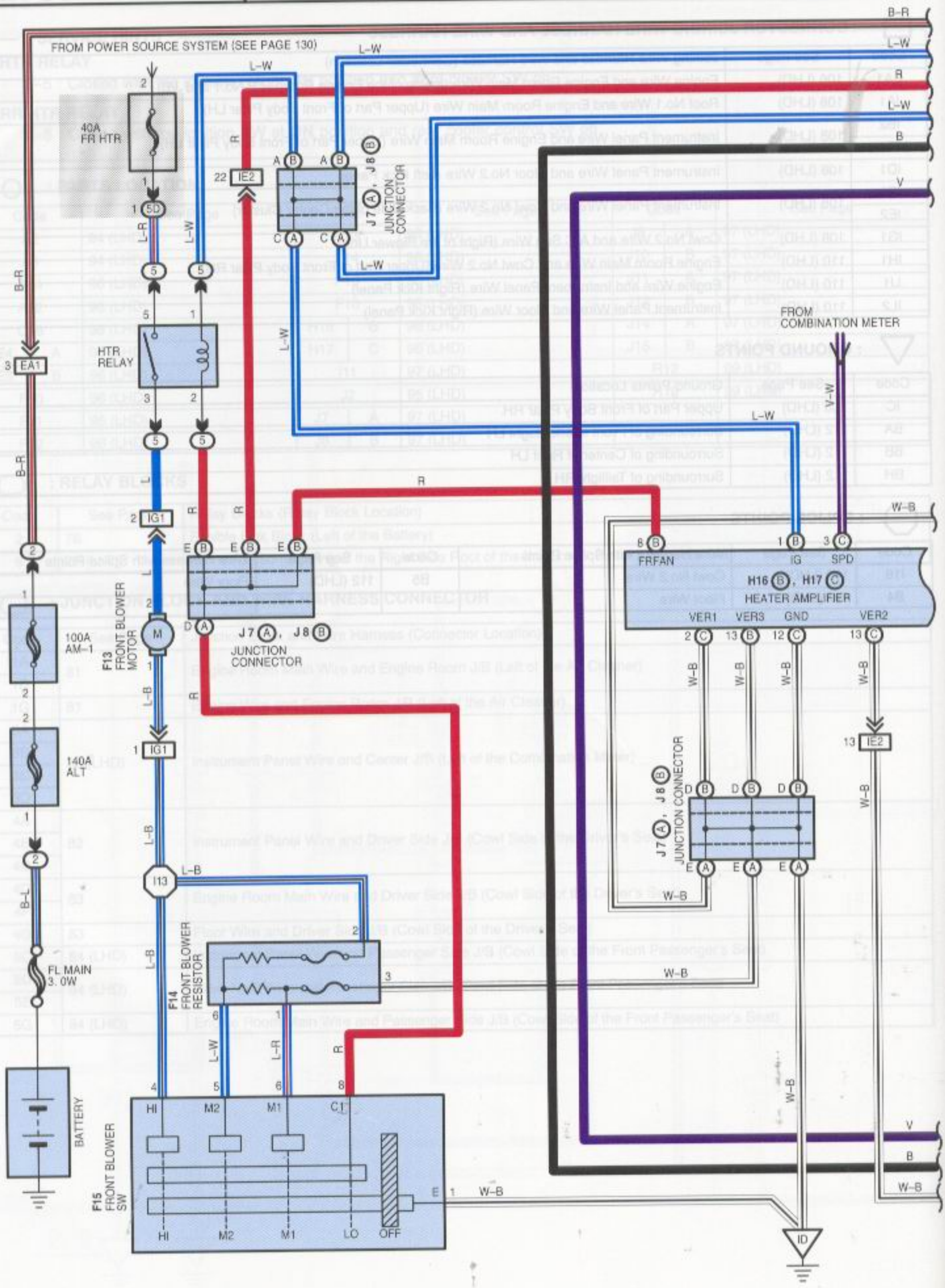
Code	See Page	Ground Points Location
IC	108 (LHD)	Upper Part of Front Body Pillar RH
BA	112 (LHD)	Surrounding of Front Interior Light LH
BB	112 (LHD)	Surrounding of Center of Roof LH
BH	112 (LHD)	Surrounding of Taillight RH

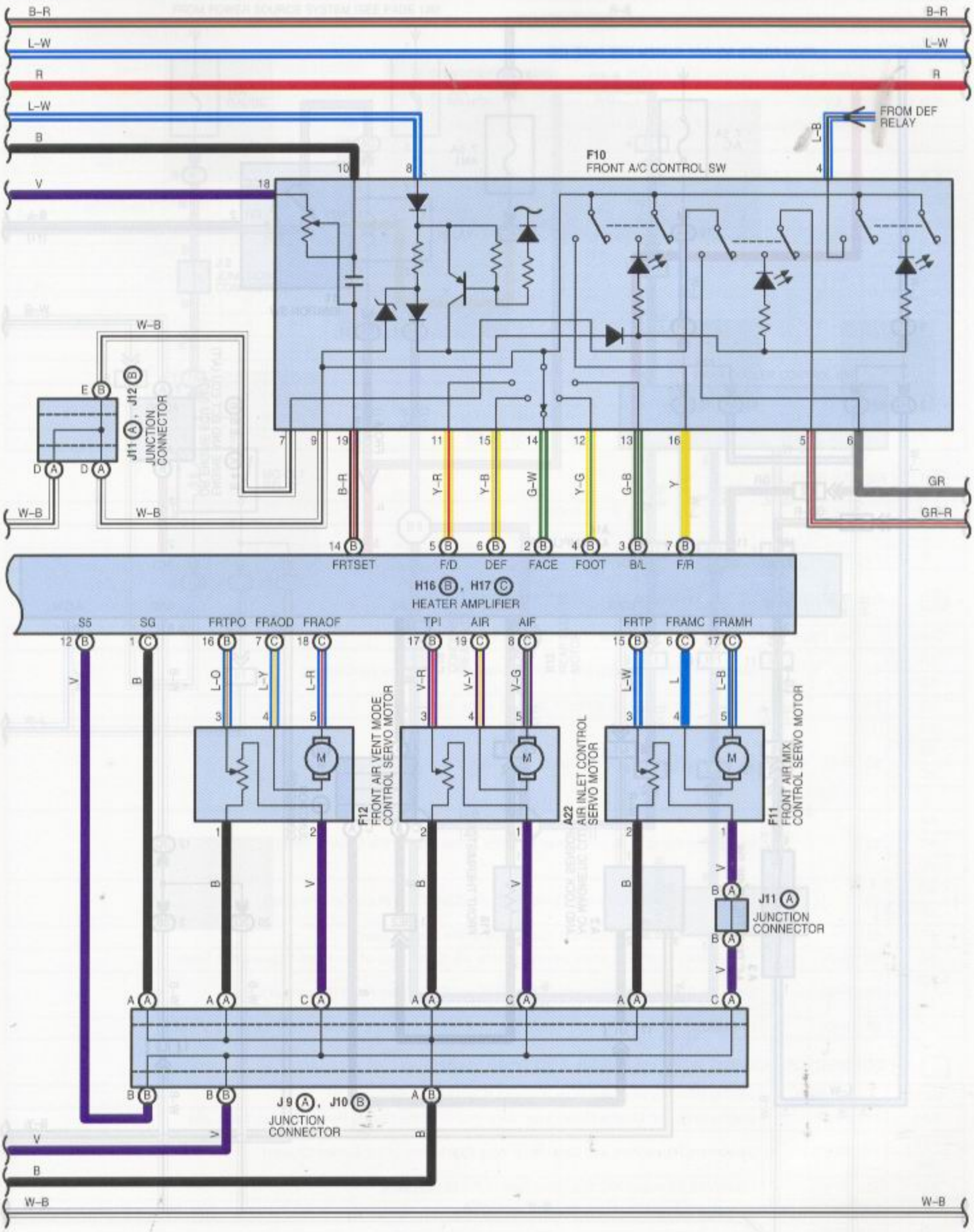
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I16	110 (LHD)	Cowl No.2 Wire	B5	112 (LHD)	Floor Wire
B4	112 (LHD)	Floor Wire			

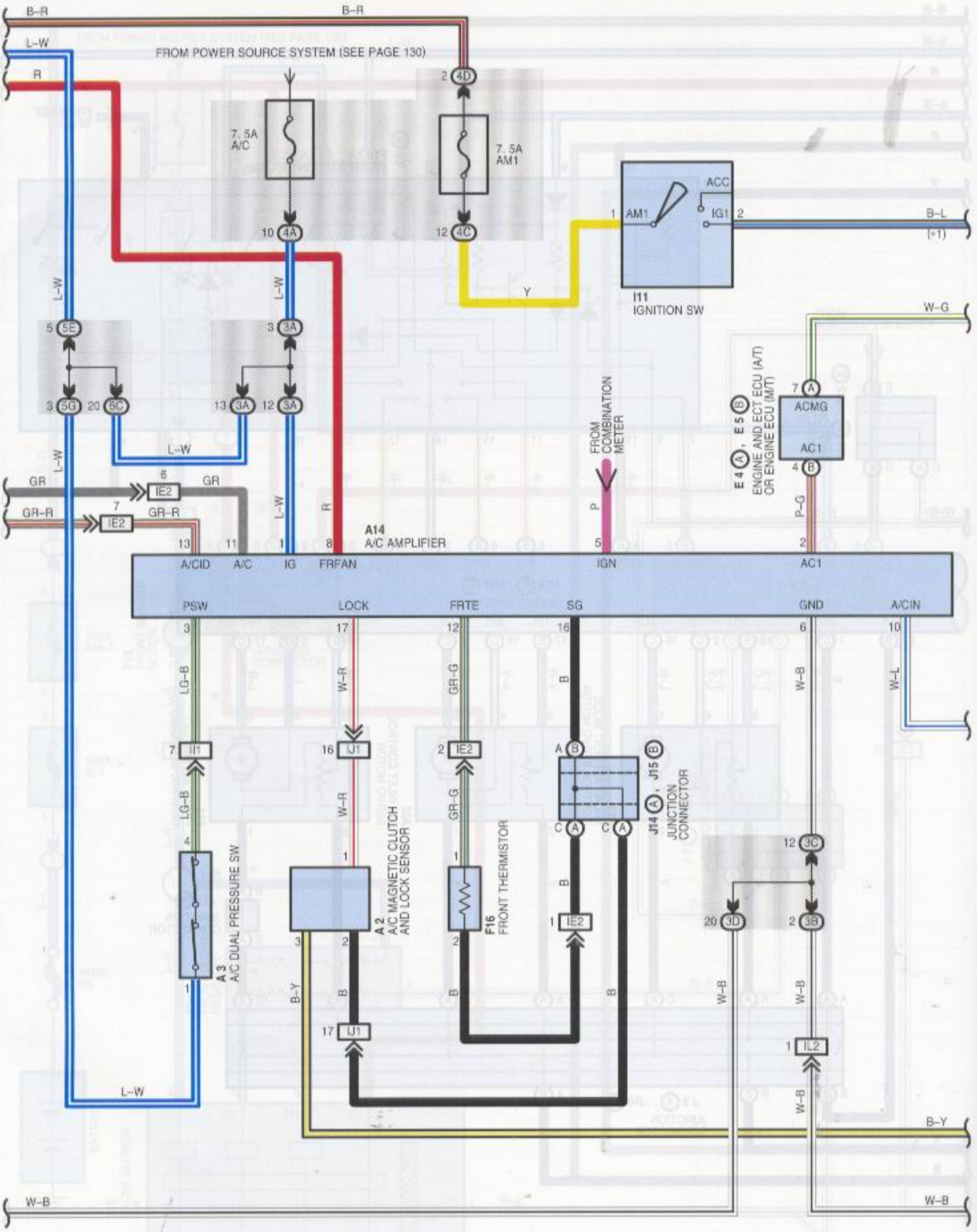


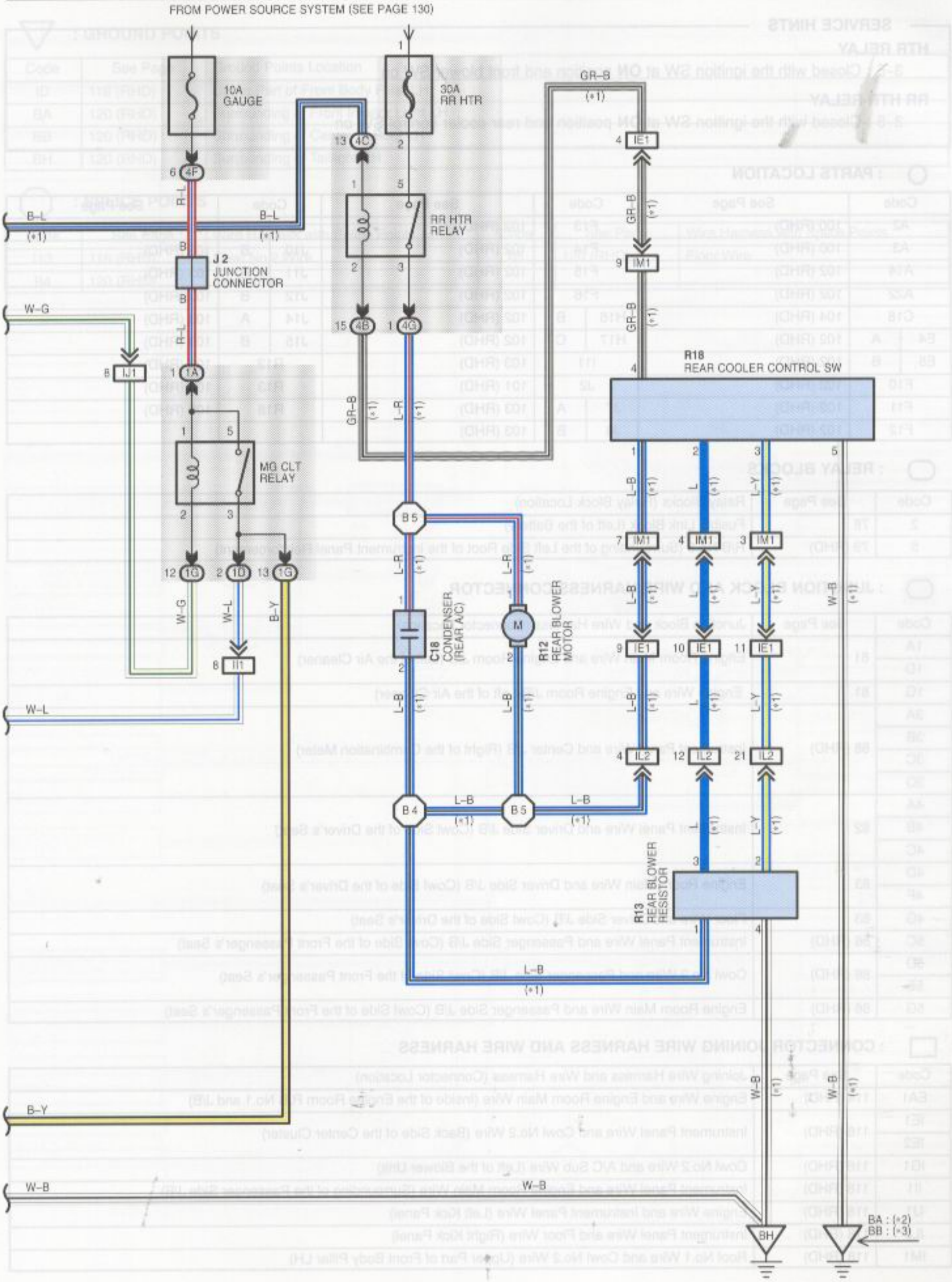
AIR CONDITIONER (RHD MANUAL A/C EXCEPT COLD AREA SPEC.)




B-R
L-W
R
L-W
B
V
B-R
L-W
R
FROM DEF RELAY
L-B
F10
FRONT A/C CONTROL SW
10
8
18
4
W-B
E B
J12 B
J11 A, JUNCTION CONNECTOR
D A
D A
W-B
W-B
7
9
19
11
15
14
12
13
16
5
6
B-R
Y-R
Y-B
G-W
Y-G
G-B
Y
GR
GR-R
14 B
5 B
6 B
2 B
4 B
3 B
7 B
FRTSET
F/D
DEF
FACE
FOOT
B/L
F/R
H16 B, H17 C
HEATER AMPLIFIER
S5
SG
FRTPO
FRAOD
FRAOF
TPI
AIR
AIF
FRTP
FRAMC
FRAMH
12 B
1 C
16 B
7 C
18 C
17 B
19 C
8 C
15 B
6 C
17 C
V
B
L-O
L-Y
L-R
V-R
V-Y
V-G
L-W
L
L-B
3
4
5
3
4
5
3
4
5
M
M
M
F12
FRONT AIR VENT MODE CONTROL SERVO MOTOR
A22
AIR INLET CONTROL SERVO MOTOR
F11
FRONT AIR MIX CONTROL SERVO MOTOR
1
2
2
1
2
1
B
V
B
V
B
V
V
B A
B A
J11 A
JUNCTION CONNECTOR
A A
A A
C A
A A
C A
A A
C A
B B
B B
J9 A, J10 B
JUNCTION CONNECTOR
A B
B
V
V
B
W-B
W-B

AIR CONDITIONER (RHD MANUAL A/C EXCEPT COLD AREA SPEC.)




FROM POWER SOURCE SYSTEM (SEE PAGE 130)
10A GAUGE
30A RR HTR
RR HTR RELAY
J2 JUNCTION CONNECTOR
MG CLT RELAY
R18 REAR COOLER CONTROL SW
C18 CONDENSER (REAR A/C)
R12 REAR BLOWER MOTOR
R13 REAR BLOWER RESISTOR
W-G
R-L
B-L (*1)
GR-B (*1)
L-R (*1)
L-B (*1)
L (*1)
L-Y (*1)
W-L
B-Y
W-B
W-B (*1)
BH
BA : (*2)
BB : (*3)

AIR CONDITIONER (RHD MANUAL A/C EXCEPT COLD AREA SPEC.)

SERVICE HINTS

HTR RELAY

3–5 : Closed with the ignition SW at **ON** position and front blower SW on

RR HTR RELAY

3–5 : Closed with the ignition SW at **ON** position and rear cooler control SW on

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A2	100 (RHD)	F13	102 (RHD)	J9 A	103 (RHD)
A3	100 (RHD)	F14	102 (RHD)	J10 B	103 (RHD)
A14	102 (RHD)	F15	102 (RHD)	J11 A	103 (RHD)
A22	102 (RHD)	F16	102 (RHD)	J12 B	103 (RHD)
C18	104 (RHD)	H16 B	102 (RHD)	J14 A	103 (RHD)
E4 A	102 (RHD)	H17 C	102 (RHD)	J15 B	103 (RHD)
E5 B	102 (RHD)	I11	103 (RHD)	R12	105 (RHD)
F10	102 (RHD)	J2	101 (RHD)	R13	105 (RHD)
F11	102 (RHD)	J7 A	103 (RHD)	R18	105 (RHD)
F12	102 (RHD)	J8 B	103 (RHD)		

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	78	Fusible Link Block (Left of the Battery)
5	79 (RHD)	R/B No.5 (Surrounding of the Left Side Root of the Instrument Panel Reinforcement)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1D		
1G	81	Engine Wire and Engine Room J/B(Left of the Air Cleaner)
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B		
3C		
3D		
4A	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4B		
4C		
4D	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4F		
4G	83	Floor Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5C	86 (RHD)	Instrument Panel Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5D	86 (RHD)	Cowl No.2 Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)
5E		
5G	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

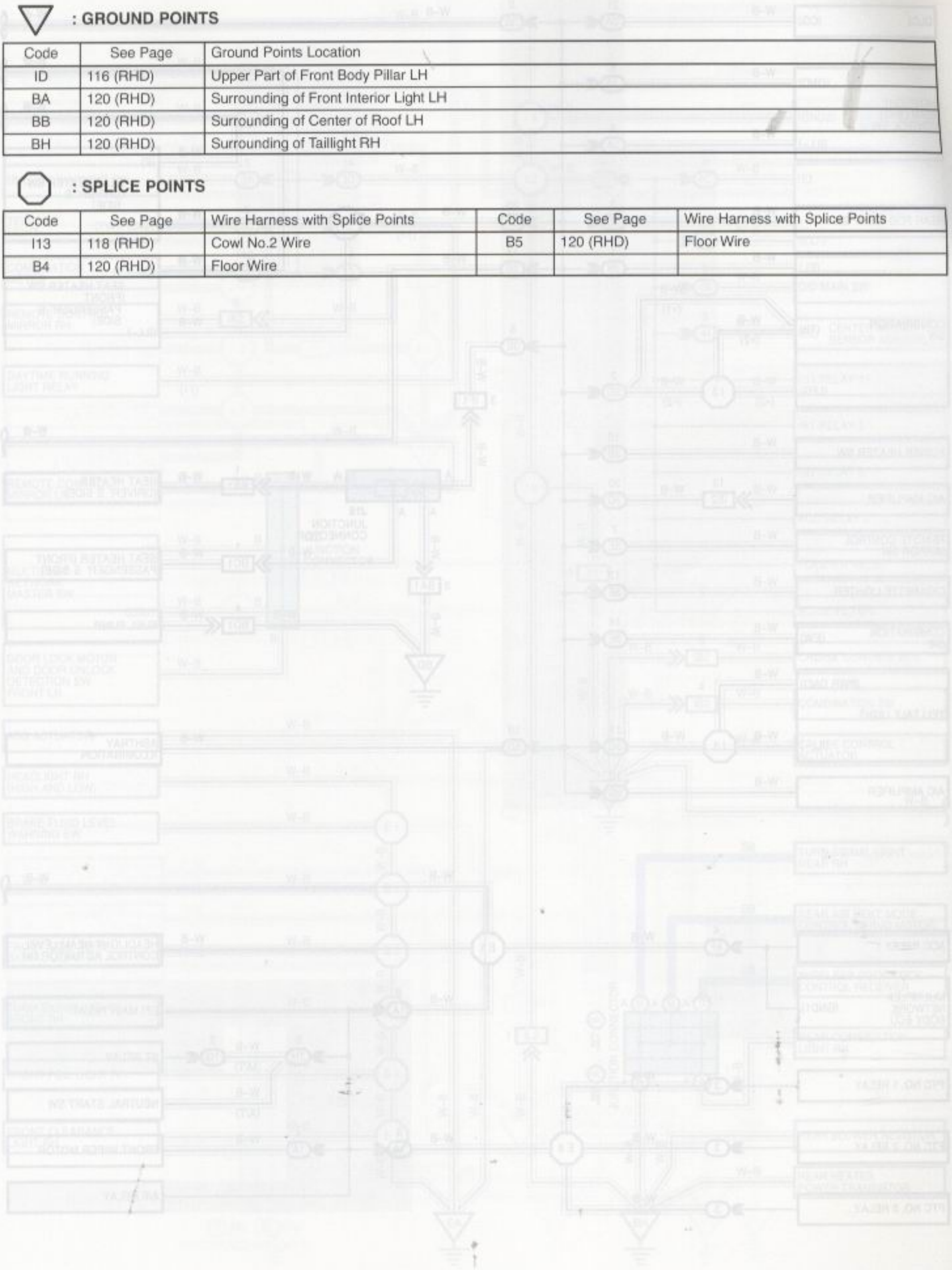
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	114 (RHD)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and J/B)
IE1	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IE2		
IG1	116 (RHD)	Cowl No.2 Wire and A/C Sub Wire (Left of the Blower Unit)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM1	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)

: GROUND POINTS

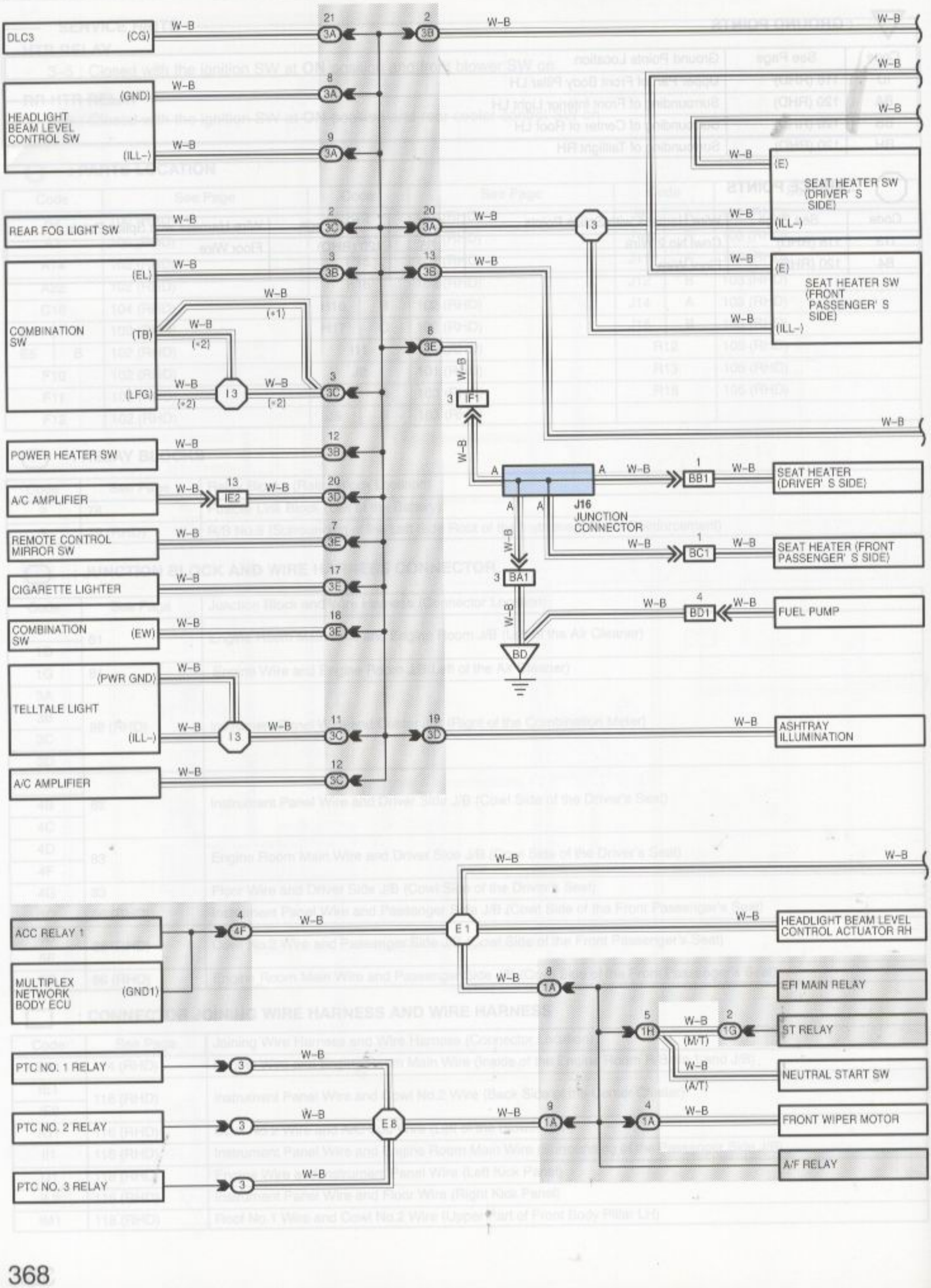
Code	See Page	Ground Points Location
ID	116 (RHD)	Upper Part of Front Body Pillar LH
BA	120 (RHD)	Surrounding of Front Interior Light LH
BB	120 (RHD)	Surrounding of Center of Roof LH
BH	120 (RHD)	Surrounding of Taillight RH

: SPLICE POINTS

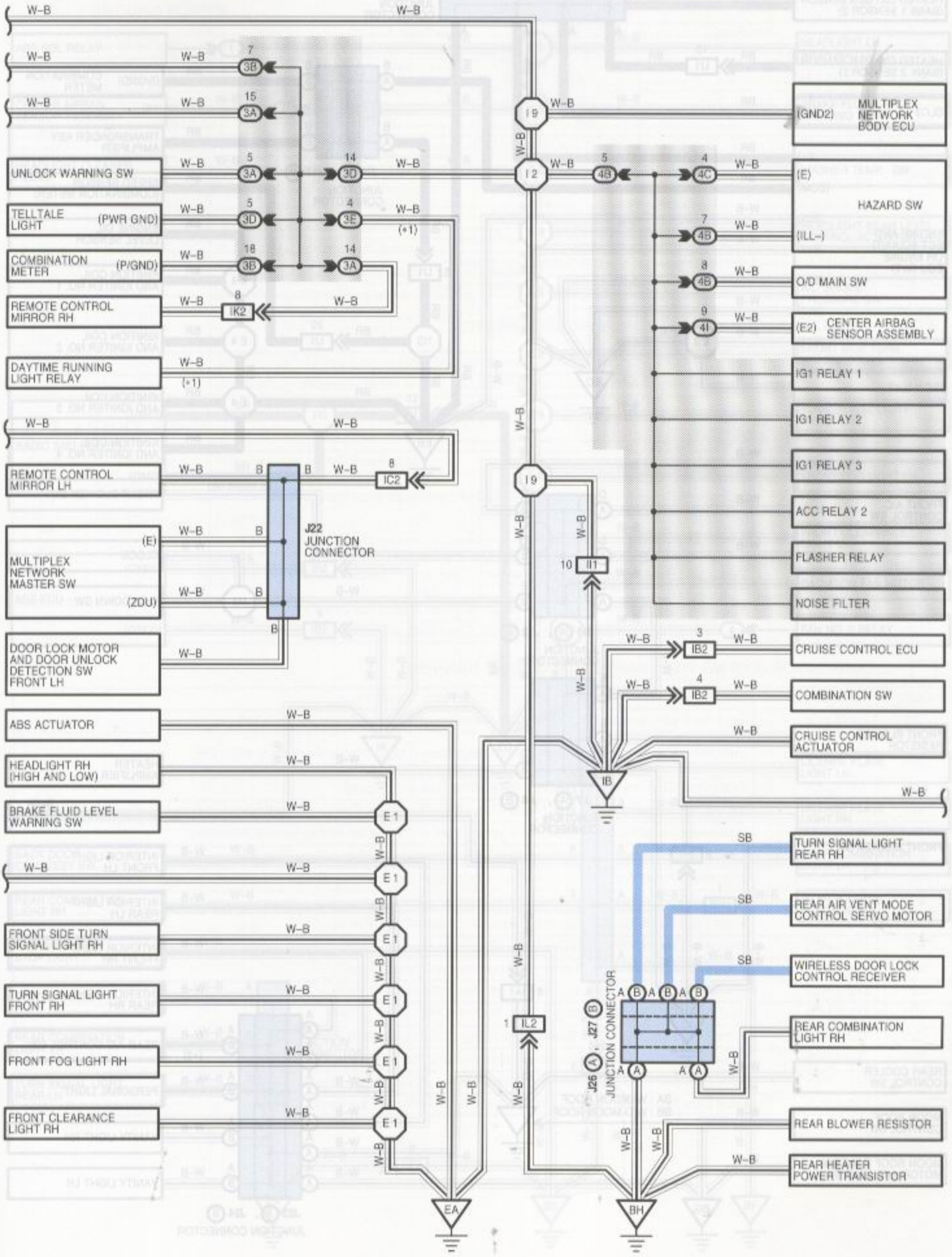
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I13	118 (RHD)	Cowl No.2 Wire	B5	120 (RHD)	Floor Wire
B4	120 (RHD)	Floor Wire			



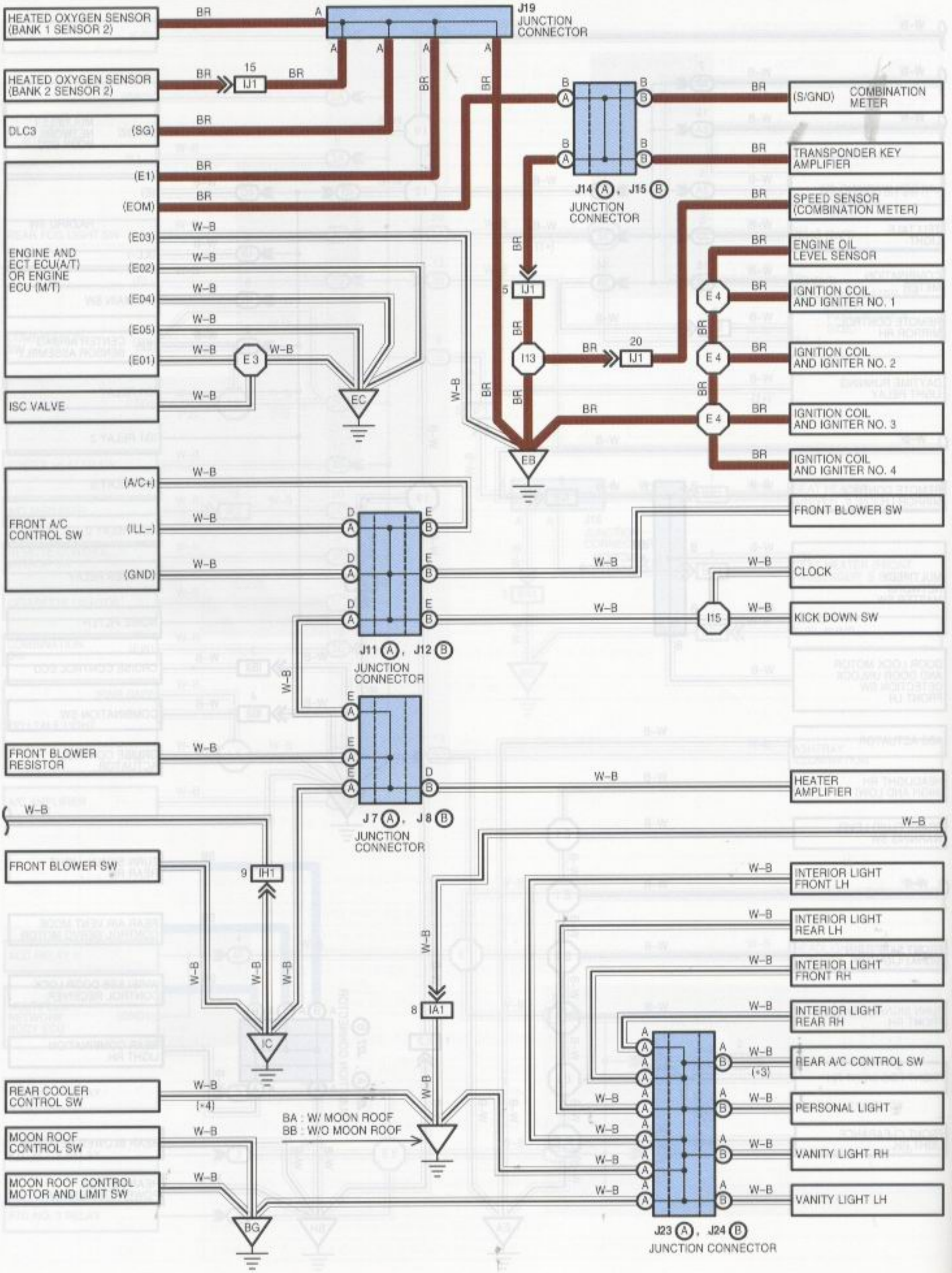
I GROUND POINT (LHD)



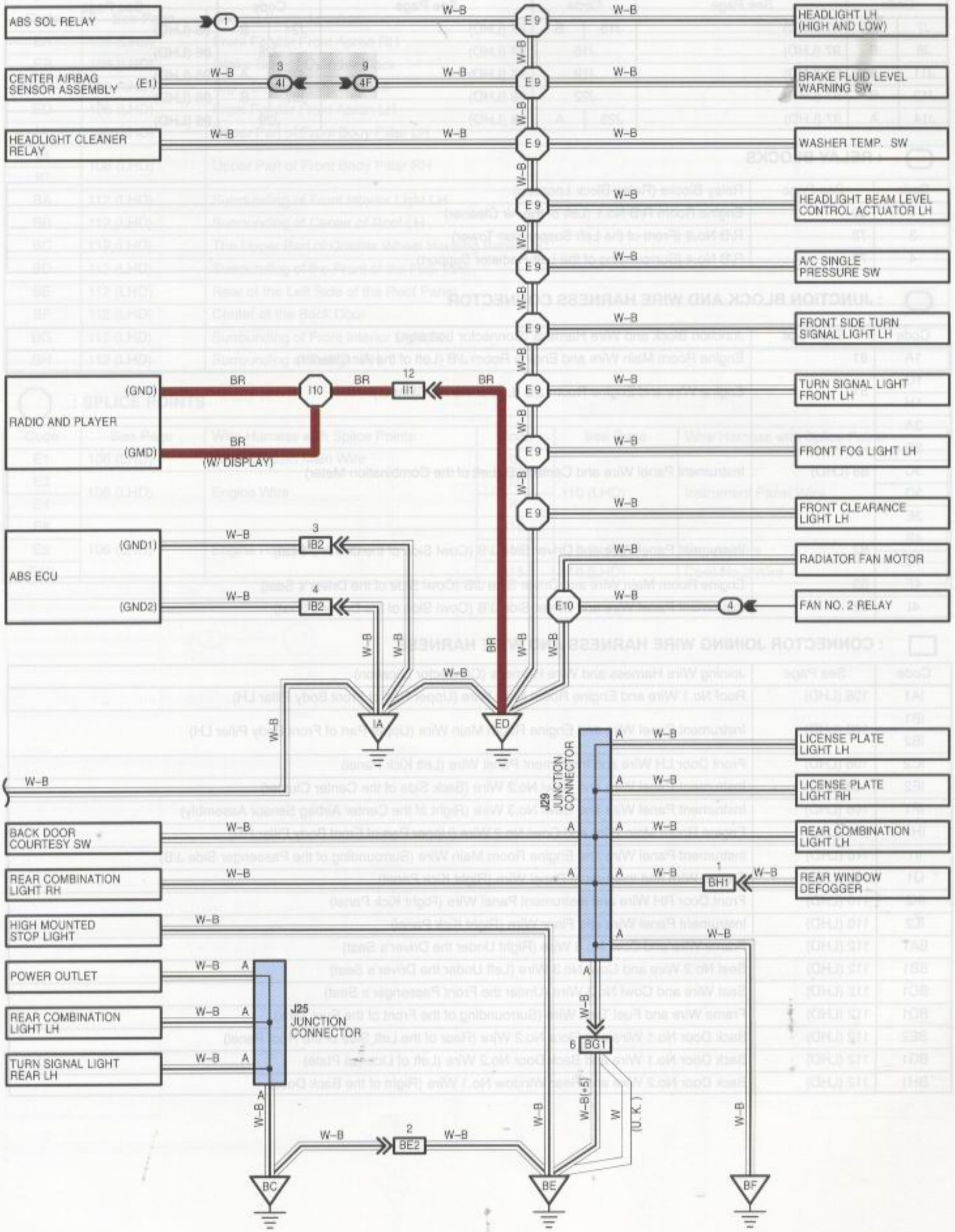
* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : W/O DAYTIME RUNNING LIGHT



I GROUND POINT (LHD)



* 3 : COLD AREA SPEC.
* 4 : EXCEPT COLD AREA SPEC.
* 5 : EXCEPT U. K.



I GROUND POINT (LHD)

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
J7	A	97 (LHD)	J15	B	97 (LHD)	J24	B	98 (LHD)
J8	B	97 (LHD)	J16		97 (LHD)	J25		98 (LHD)
J11	A	97 (LHD)	J19		97 (LHD)	J26	A	98 (LHD)
J12	B	97 (LHD)	J22		98 (LHD)	J27	B	98 (LHD)
J14	A	97 (LHD)	J23	A	98 (LHD)	J29		98 (LHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	80	Engine Room R/B No.1 (Left of the Air Cleaner)
3	78	R/B No.3 (Front of the Left Suspension Tower)
4	79	R/B No.4 (Surrounding of the Left Radiator Support)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
1H		
3A	88 (LHD)	Instrument Panel Wire and Center J/B (Left of the Combination Meter)
3B		
3C		
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4I	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

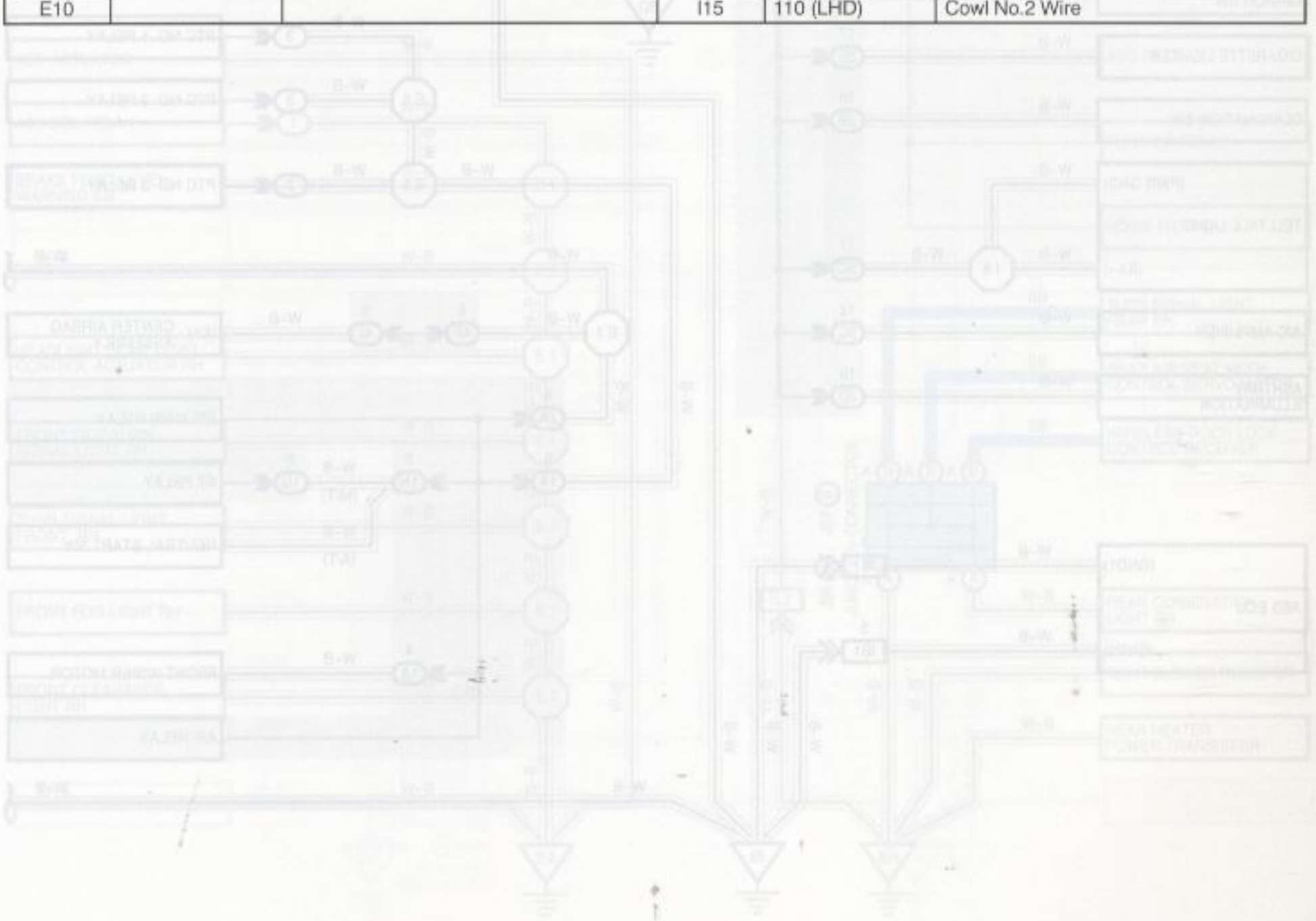
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	108 (LHD)	Roof No.1 Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB1	108 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)
IB2		
IC2	108 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE2	108 (LHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IF1	108 (LHD)	Instrument Panel Wire and Cowl No.3 Wire (Right of the Center Airbag Sensor Assembly)
IH1	110 (LHD)	Engine Room Main Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar RH)
II1	110 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
IJ1	110 (LHD)	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IK2	110 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2	110 (LHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BA1	112 (LHD)	Frame Wire and Cowl No.3 Wire (Right Under the Driver's Seat)
BB1	112 (LHD)	Seat No.2 Wire and Cowl No.3 Wire (Left Under the Driver's Seat)
BC1	112 (LHD)	Seat Wire and Cowl No.3 Wire (Under the Front Passenger's Seat)
BD1	112 (LHD)	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)
BE2	112 (LHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	112 (LHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)
BH1	112 (LHD)	Back Door No.2 Wire and Rear Window No.1 Wire (Right of the Back Door)

: GROUND POINTS

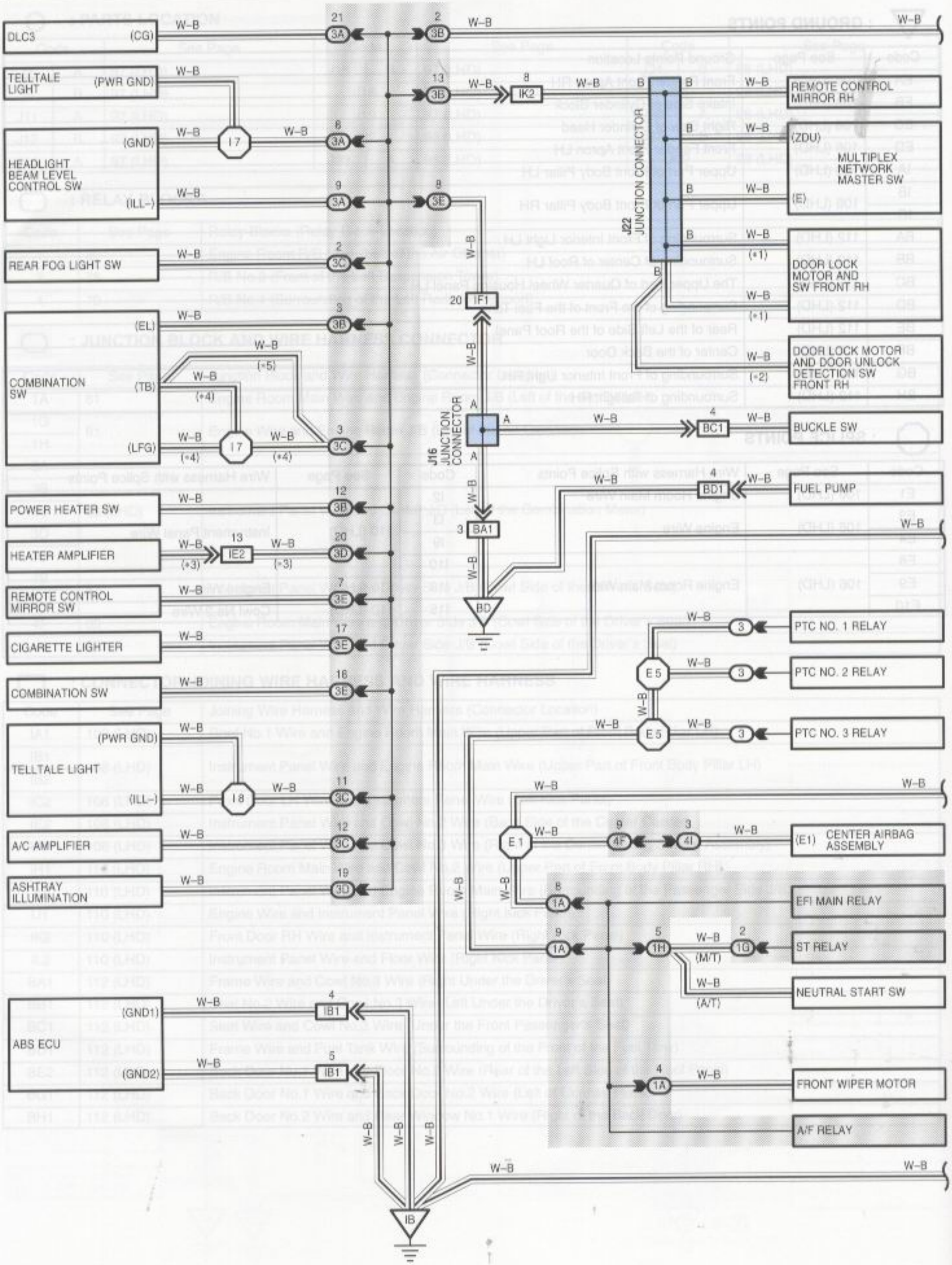
Code	See Page	Ground Points Location
EA	106 (LHD)	Front Fender Front Apron RH
EB	106 (LHD)	Intake Side of Cylinder Block
EC	106 (LHD)	Right Side of Cylinder Head
ED	106 (LHD)	Front Fender Front Apron LH
IA	108 (LHD)	Upper Part of Front Body Pillar LH
IB	108 (LHD)	Upper Part of Front Body Pillar RH
IC		
BA	112 (LHD)	Surrounding of Front Interior Light LH
BB	112 (LHD)	Surrounding of Center of Roof LH
BC	112 (LHD)	The Upper Part of Quarter Wheel Housing Panel LH
BD	112 (LHD)	Surrounding of the Front of the Fuel Tank
BE	112 (LHD)	Rear of the Left Side of the Roof Panel
BF	112 (LHD)	Center of the Back Door
BG	112 (LHD)	Surrounding of Front Interior Light RH
BH	112 (LHD)	Surrounding of Taillight RH

: SPLICE POINTS

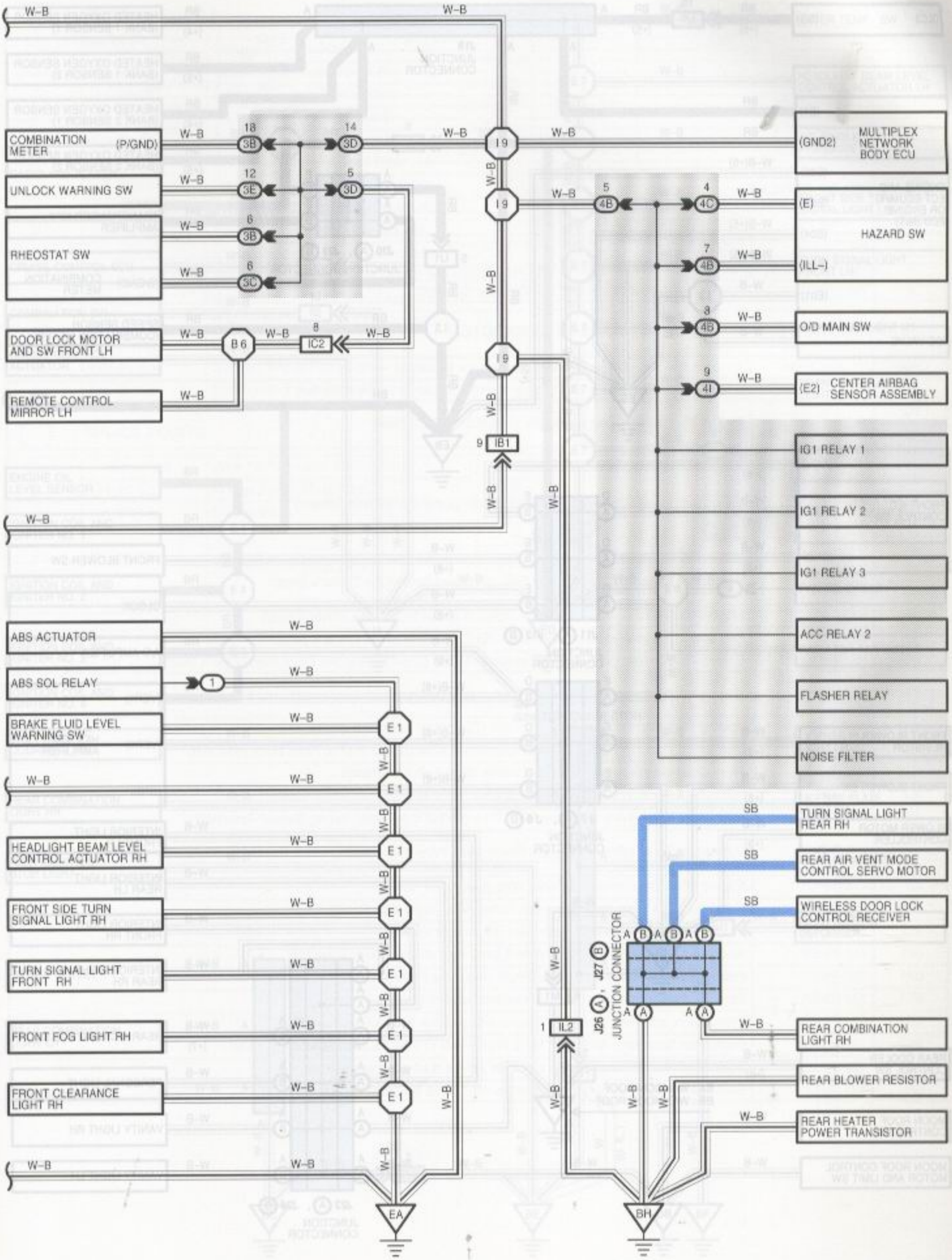
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	106 (LHD)	Engine Room Main Wire	I2	110 (LHD)	Instrument Panel Wire
E3	106 (LHD)	Engine Wire	I3		
E4			I9		
E8	106 (LHD)	Engine Room Main Wire	I10		
E9			I13	110 (LHD)	Engine Wire
E10			I15	110 (LHD)	Cowl No.2 Wire



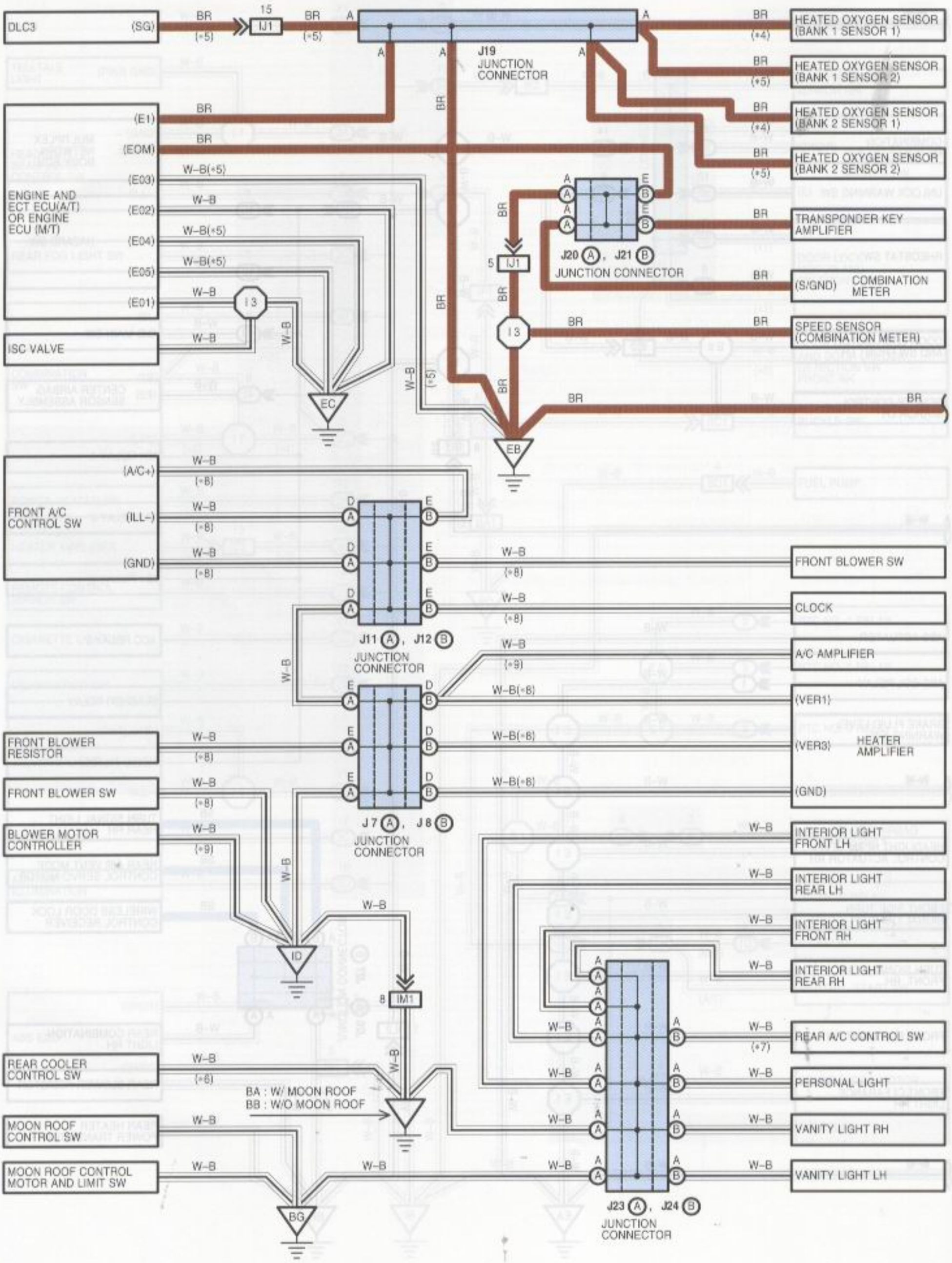
I GROUND POINT (RHD)



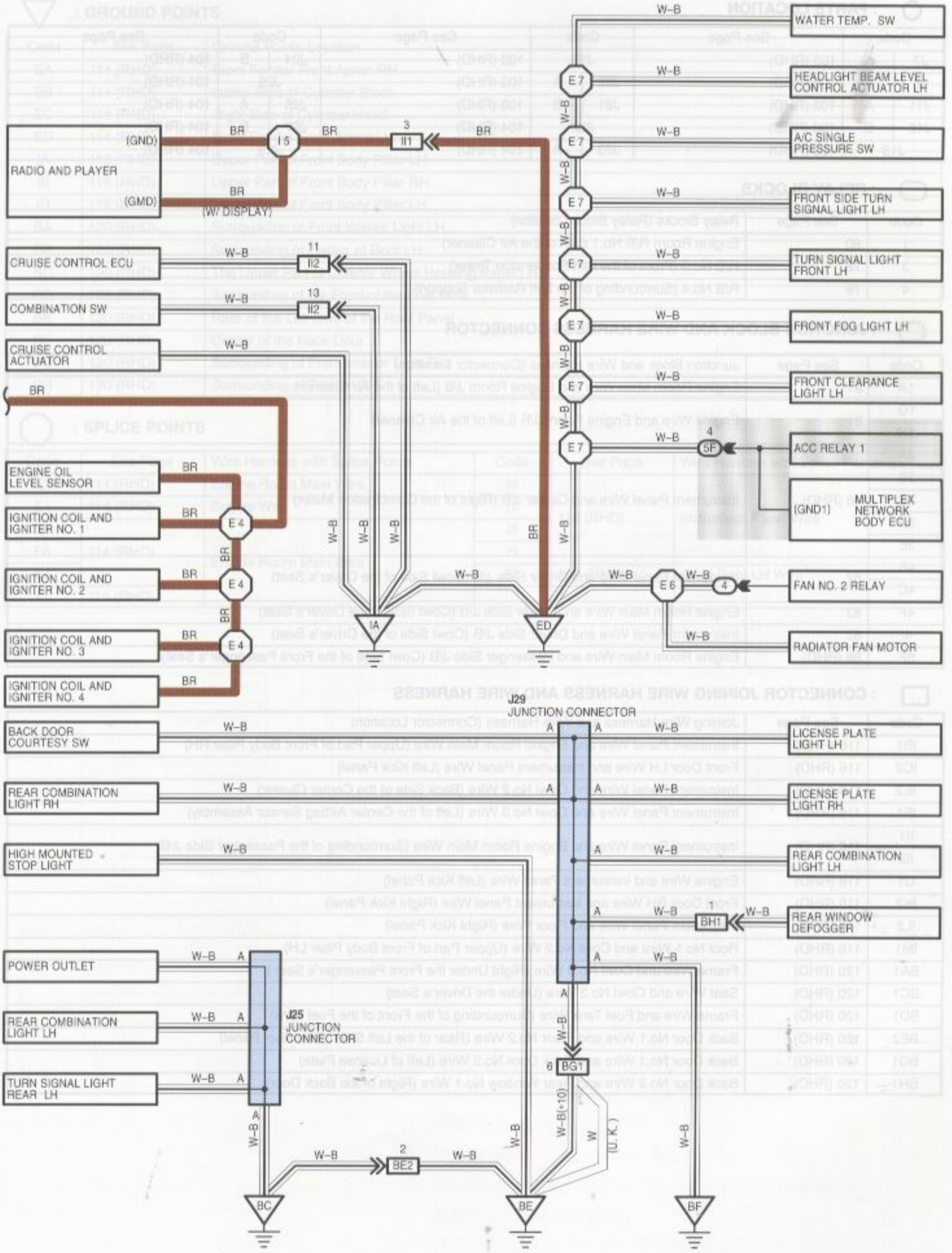
* 1 : W/ DOUBLE LOCKING SYSTEM
* 2 : W/O DOUBLE LOCKING SYSTEM
* 3 : MANUAL A/C EXCEPT COLD AREA SPEC.
* 4 : AUSTRALIA
* 5 : EXCEPT AUSTRALIA



I GROUND POINT (RHD)



* 4 : AUSTRALIA
* 5 : EXCEPT AUSTRALIA
* 6 : EXCEPT COLD AREA SPEC.
* 7 : COLD AREA SPEC.
* 8 : MANUAL A/C
* 9 : AUTOMATIC A/C
*10 : EXCEPT U. K.



I GROUND POINT (RHD)

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
J7	A	103 (RHD)	J19		103 (RHD)	J24	B	104 (RHD)
J8	B	103 (RHD)	J20	A	103 (RHD)	J25		104 (RHD)
J11	A	103 (RHD)	J21	B	103 (RHD)	J26	A	104 (RHD)
J12	B	103 (RHD)	J22		104 (RHD)	J27	B	104 (RHD)
J16		103 (RHD)	J23	A	104 (RHD)	J29		104 (RHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	80	Engine Room R/B No.1 (Left of the Air Cleaner)
3	78	R/B No.3 (Front of the Left Suspension Tower)
4	79	R/B No.4 (Surrounding of the Left Radiator Support)

▭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room J/B (Left of the Air Cleaner)
1G	81	Engine Wire and Engine Room J/B (Left of the Air Cleaner)
1H		
3A	88 (RHD)	Instrument Panel Wire and Center J/B (Right of the Combination Meter)
3B		
3C		
3D		
3E		
4B	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4C		
4F	83	Engine Room Main Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
4I	82	Instrument Panel Wire and Driver Side J/B (Cowl Side of the Driver's Seat)
5F	86 (RHD)	Engine Room Main Wire and Passenger Side J/B (Cowl Side of the Front Passenger's Seat)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	116 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)
IC2	116 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE2	116 (RHD)	Instrument Panel Wire and Cowl No.2 Wire (Back Side of the Center Cluster)
IF1	116 (RHD)	Instrument Panel Wire and Cowl No.3 Wire (Left of the Center Airbag Sensor Assembly)
II1	118 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Surrounding of the Passenger Side J/B)
II2		
IJ1	118 (RHD)	Engine Wire and Instrument Panel Wire (Left Kick Panel)
IK2	118 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2	118 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM1	118 (RHD)	Roof No.1 Wire and Cowl No.2 Wire (Upper Part of Front Body Pillar LH)
BA1	120 (RHD)	Frame Wire and Cowl No.3 Wire (Right Under the Front Passenger's Seat)
BC1	120 (RHD)	Seat Wire and Cowl No.3 Wire (Under the Driver's Seat)
BD1	120 (RHD)	Frame Wire and Fuel Tank Wire (Surrounding of the Front of the Fuel Tank)
BE2	120 (RHD)	Back Door No.1 Wire and Floor No.2 Wire (Rear of the Left Side of the Roof Panel)
BG1	120 (RHD)	Back Door No.1 Wire and Back Door No.2 Wire (Left of License Plate)
BH1	120 (RHD)	Back Door No.2 Wire and Rear Window No.1 Wire (Right of the Back Door)

▽ : GROUND POINTS

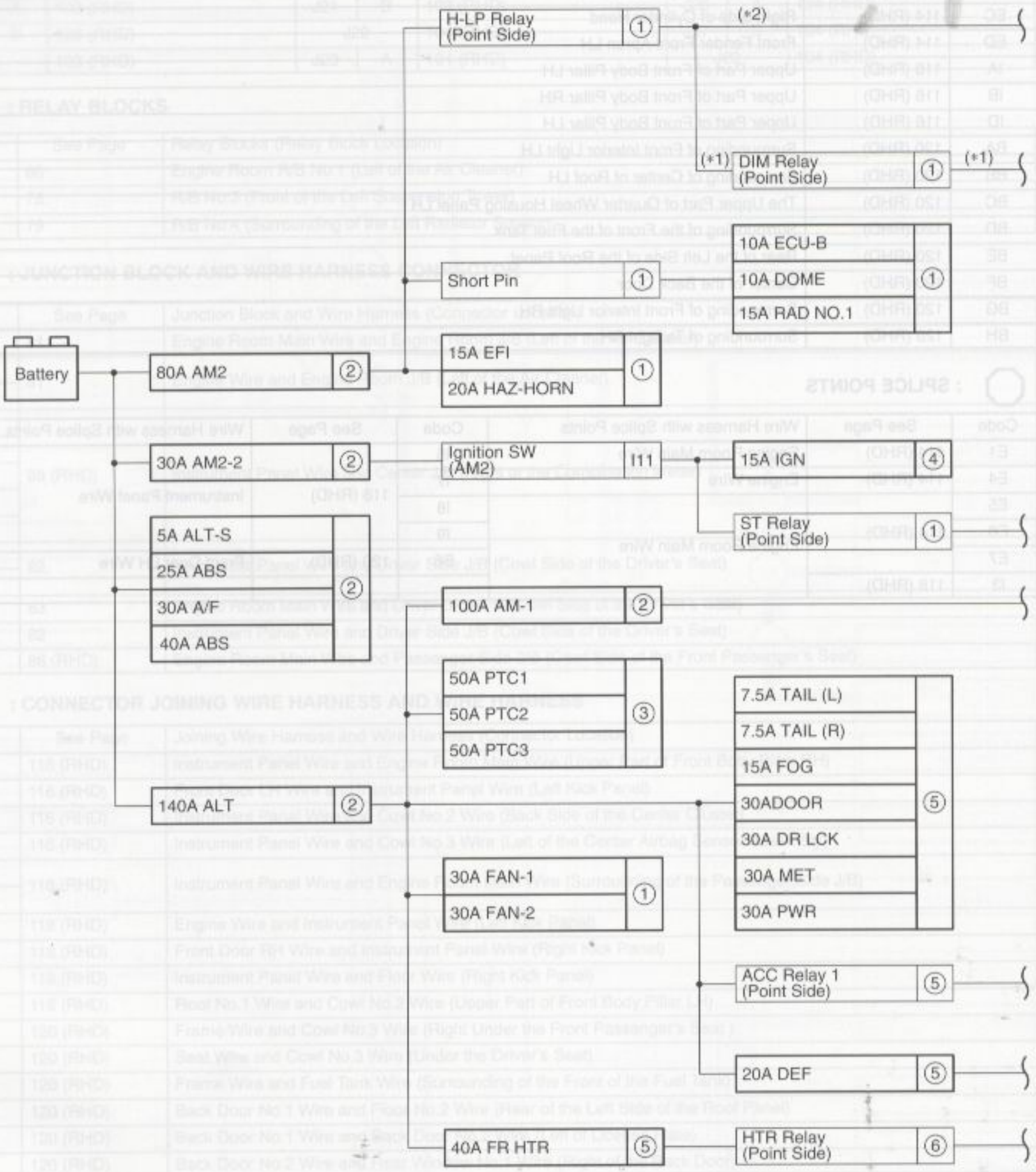
Code	See Page	Ground Points Location
EA	114 (RHD)	Front Fender Front Apron RH
EB	114 (RHD)	Intake Side of Cylinder Block
EC	114 (RHD)	Right Side of Cylinder Head
ED	114 (RHD)	Front Fender Front Apron LH
IA	116 (RHD)	Upper Part of Front Body Pillar LH
IB	116 (RHD)	Upper Part of Front Body Pillar RH
ID	116 (RHD)	Upper Part of Front Body Pillar LH
BA	120 (RHD)	Surrounding of Front Interior Light LH
BB	120 (RHD)	Surrounding of Center of Roof LH
BC	120 (RHD)	The Upper Part of Quarter Wheel Housing Panel LH
BD	120 (RHD)	Surrounding of the Front of the Fuel Tank
BE	120 (RHD)	Rear of the Left Side of the Roof Panel
BF	120 (RHD)	Center of the Back Door
BG	120 (RHD)	Surrounding of Front Interior Light RH
BH	120 (RHD)	Surrounding of Taillight RH

○ : SPLICE POINTS

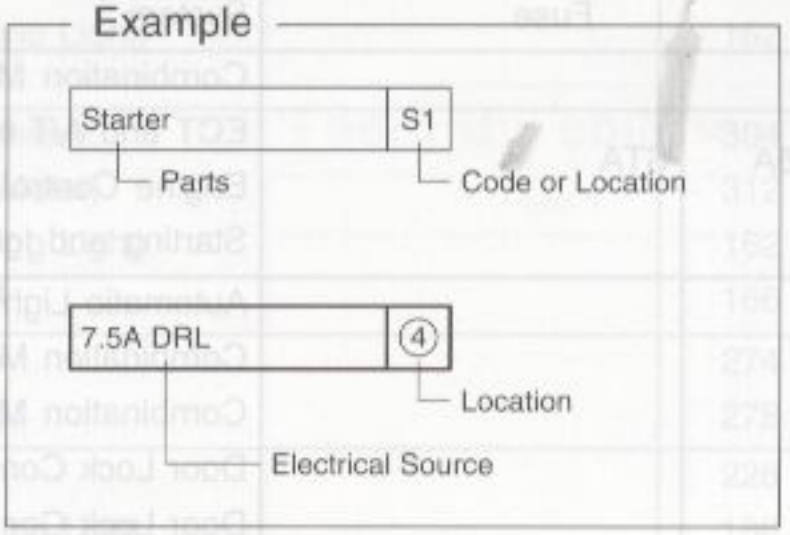
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	114 (RHD)	Engine Room Main Wire	I5	118 (RHD)	Instrument Panel Wire
E4	114 (RHD)	Engine Wire	I7		
E5	114 (RHD)	Engine Room Main Wire	I8		
E6			I9		
E7			B6	120 (RHD)	Front Door LH Wire
I3	118 (RHD)				

J POWER SOURCE (Current Flow Chart)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other Parts.



* 1:w/ Daytime Running Light
* 2:w/o Daytime Running Light



(*2)
15A H-LP (LL)
15A H-LP (RL)
①

(*1)
10A H-LP (LH)
10A H-LP (LL)
10A H-LP (RH)
10A H-LP (RL)
①

7.5A STA
①

IG1 Relay 1 (Point Side) ④ → 7.5A A/C, 10A GAUGE ④

ACC Relay 2 (Point Side) ④ → 15A CIG ④

IG1 Relay 2 (Point Side) ④ → 15A ECU-IG, 30A WIP ④

IG1 Relay 3 (Point Side) ④ → 10A S-HTR (L), 10A S-HTR (R) ④

7.5A AM1
7.5A OBD II
15A STOP
30A RR HTR
④

10A T/M
15A P/OUTLET
⑤

DEF Relay (Point Side) ⑤ → 10A I/UP ⑤

10A A/C
⑥

[LOCATION]

① : Engine Room R/B No.1 and J/B (See Page 80)

② : Fusible Link Block (See Page 78)

③ : R/B No.3 (See Page 78)

④ : Driver Side J/B (See Page 82)

⑤ : Passenger Side J/B (See Page 84 (LHD) or 86 (RHD))

⑥ : R/B No.5 (See Page 79)

J POWER SOURCE (Current Flow Chart)

Engine Room No.1 R/B and J/B (See page 80)

Fuse		System	Page
7.5A	STA	Combination Meter (Optitron Meter)	312
		ECT and A/T Indicator	282
		Engine Control	142
		Starting and Ignition	136
10A	DOME	Automatic Light Control	206
		Combination Meter (Analog Meter)	304
		Combination Meter (Optitron Meter)	312
		Door Lock Control (LHD)	234
		Door Lock Control (RHD)	240
		Double Locking	246
		Interior Light (LHD)	194
		Interior Light (RHD)	200
		Power Window (LHD)	264
		Power Window (RHD)	268
		Wireless Door Lock Control (LHD)	252
		Wireless Door Lock Control (RHD)	258
10A	ECU-B	Air Conditioner (Automatic A/C)	334
		Clock	280
		Double Locking	246
		Headlight (w/ Daytime Running Light)	158
		Rear Fog Light	170
		Wireless Door Lock Control (LHD)	252
		Wireless Door Lock Control (RHD)	258
10A	H-LP (LH) [w/ Daytime Running Light]	Headlight (w/ Daytime Running Light)	158
10A	H-LP (LL) [w/ Daytime Running Light]	Headlight (w/ Daytime Running Light)	158
10A	H-LP (RH) [w/ Daytime Running Light]	Combination Meter (Optitron Meter)	312
		Headlight (w/ Daytime Running Light)	158
10A	H-LP (RL) [w/ Daytime Running Light]	Headlight (w/ Daytime Running Light)	158
		Headlight Beam Level Control	166
15A	EFI	ECT and A/T Indicator	282
		Engine Control	142
		Engine Immobiliser System	154
15A	H-LP (LH) [w/o Daytime Running Light]	Headlight (w/o Daytime Running Light)	162
15A	H-LP (LL) [w/o Daytime Running Light]	Headlight (w/o Daytime Running Light)	162

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
15A	H-LP (RH) [w/o Daytime Running Light]	Headlight (w/o Daytime Running Light)	162
15A	H-LP (RL) [w/o Daytime Running Light]	Combination Meter (Analog Meter)	304
		Combination Meter (Optitron Meter)	312
		Headlight (w/o Daytime Running Light)	162
		Headlight Beam Level Control	166
15A	RAD NO.1	Radio and Player (w/ Display)	274
		Radio and Player (w/o Display)	278
20A	HAZ-HORN	Horn	228
		Turn Signal and Hazard Warning Light	186
30A	FAN-1	Radiator Fan and Condenser Fan	330
30A	FAN-2	Radiator Fan and Condenser Fan	330

Fusible Link Block (See Page 78)

Fuse		System	Page
5A	ALT-S	Charging	140
25A	ABS	ABS	298
30A	A/F	Engine Control	142
30A	AM2-2	ECT and A/T Indicator	282
		Engine Control	142
		Radio and Player (w/ Display)	274
		Starting and Ignition	136
40A	ABS	ABS	298
80A	AM2	Automatic Light Control	206
		Headlight (w/ Daytime Running Light)	158
		Headlight (w/o Daytime Running Light)	162
		Headlight Cleaner	208
		Rear Fog Light	170
100A	AM-1	Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362
140A	ALT	Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362
		Charging	140

R/B No.3 (See Page 78)

Fuse		System	Page
50A	PTC1	PTC Heater	328

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
50A	PTC2	PTC Heater	328
50A	PTC3	PTC Heater	328

Driver Side J/B (See Page 82)

Fuse		System	Page
7.5A	A/C	Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362
		Clock	280
		Interior Light (RHD)	200
7.5A	AM1	Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362
7.5A	OBDII	Engine Control	142
10A	GAUGE	ABS	298
		Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362
		Charging	140
		Combination Meter (Analog Meter)	304
		Combination Meter (Optitron Meter)	312
		Cruise Control	292
		ECT and A/T Indicator	282
		Engine Control	142
		Headlight (w/ Daytime Running Light)	158
		Interior Light (LHD)	194
		Radiator Fan and Condenser Fan	330
		Seat Belt Warning	218
		Turn Signal and Hazard Warning Light	186
10A	S-HTR (L)	Seat Heater	322
10A	S-HTR (R)	Seat Heater	322
15A	CIG	Cigarette Lighter	210
		Radio and Player (w/ Display)	274
		Radio and Player (w/o Display)	278
		Remote Control Mirror	272
15A	ECU-IG	ABS	298
		Automatic Light Control	206
		Cruise Control	292

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
15A	ECU-IG	Door Lock Control (LHD)	234
		Door Lock Control (RHD)	240
		Double Locking	246
		Light Reminder and Key Reminder Buzzer	214
		Moon Roof	230
		Power Window (LHD)	264
		Power Window (RHD)	268
		PTC Heater	328
		Radio and Player (w/ Display)	274
		Rear Window Defogger and Mirror Heater	324
		SRS	289
		Wireless Door Lock Control (LHD)	252
		Wireless Door Lock Control (RHD)	258
15A	IGN	Charging	140
		Combination Meter (Analog Meter)	304
		Combination Meter (Optitron Meter)	312
		ECT and A/T Indicator	282
		Engine Control	142
		Engine Immobiliser System	154
		Illumination (LHD)	178
		Illumination (RHD)	182
		SRS	289
15A	STOP	ABS	298
		Cruise Control	292
		ECT and A/T Indicator	282
		Engine Control	142
		Stop Light	190
30A	RR HTR	Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362
30A	WIP	Front Wiper and Washer	220
		Headlight Cleaner	208
		Rear Wiper and Washer	224

Passenger Side J/B (See Page 84 (LHD) or 86 (RHD))

Fuse		System	Page
7.5A	TAIL (L)	Automatic Light Control	206
		Clock	280
		Engine Control	142
		Front Fog Light	168
		Headlight (w/ Daytime Running Light)	158
		Headlight (w/o Daytime Running Light)	162

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

Fuse		System	Page
7.5A	TAIL (L)	Illumination (LHD)	178
		Illumination (RHD)	182
		Interior Light (LHD)	194
		Interior Light (RHD)	200
		Light Reminder and Key Reminder Buzzer	214
		Rear Fog Light	170
		Taillight	174
7.5A	TAIL (R)	Automatic Light Control	206
		Engine Control	142
		Front Fog Light	168
		Headlight (w/ Daytime Running Light)	158
		Headlight (w/o Daytime Running Light)	162
		Illumination (LHD)	178
		Illumination (RHD)	182
		Interior Light (LHD)	194
		Interior Light (RHD)	200
		Light Reminder and Key Reminder Buzzer	214
		Rear Fog Light	170
		Taillight	174
10A	I/UP	Engine Control	142
		Rear Window Defogger and Mirror Heater	324
10A	T/M	Back-Up Light	192
		Clock	280
		Cruise Control	292
		ECT and A/T Indicator	282
15A	FOG	Front Fog Light	168
		Rear Fog Light	170
15A	P/OUTLET	Power Outlet	212
20A	DEF	Rear Window Defogger and Mirror Heater	324
30A	DR LCK	Door Lock Control (LHD)	234
		Door Lock Control (RHD)	240
		Double Locking	246
		Wireless Door Lock Control (LHD)	252
		Wireless Door Lock Control (RHD)	258
30A	MET	Combination Meter (Analog Meter)	304
		Combination Meter (Optitron Meter)	312
		Headlight Cleaner	208
		Light Reminder and Key Reminder Buzzer	214
30A	PWR	Moon Roof	230
		Power Window (LHD)	264
		Power Window (RHD)	268

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
40A	FR HTR	Air Conditioner (Automatic A/C)	334
		Air Conditioner (LHD Manual A/C Cold Area Spec.)	340
		Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	356
		Air Conditioner (RHD Manual A/C Cold Area Spec.)	348
		Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	362

R/B No.5 (See Page 79)

Fuse		System	Page
10A	A/C	Air Conditioner (Automatic A/C)	334



* These are the page numbers of the first page on which the related system is shown.

K CONNECTOR LIST

A1
BLACK



A2
GRAY



A3
GRAY



A4
BLACK



A5
BLACK



A6
DRAY GRAY



A7



A8
BLACK



A9
DARK GRAY



A10
DARK GRAY



A11
GREEN



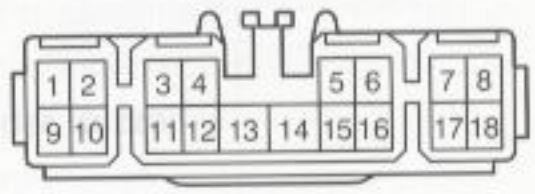
A12



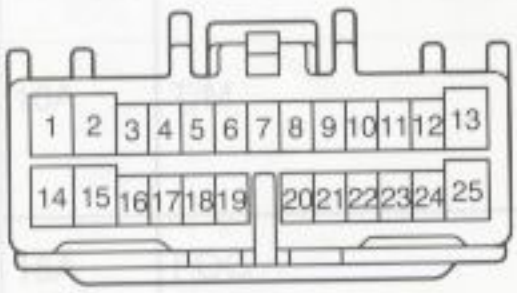
A13
BLACK



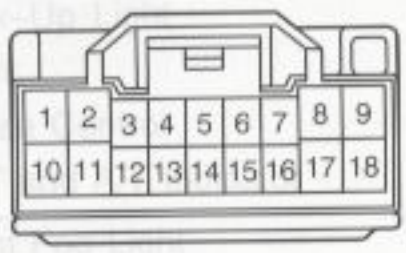
A14



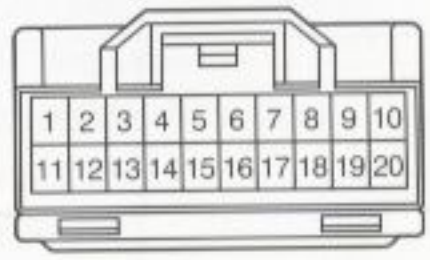
A15



A16



A17



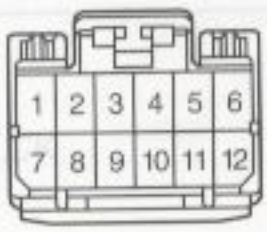
A18
BLACK



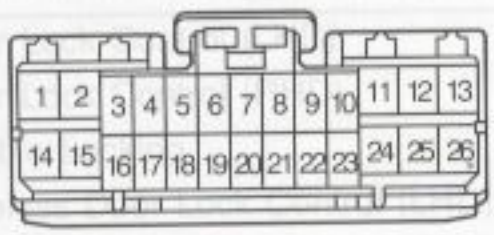
A19
BLACK



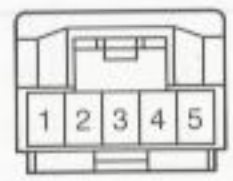
A20



A21



A22



A23
YELLOW



A24
YELLOW



A25



A26
BLACK



A27



A28
BLACK



B1
GRAY

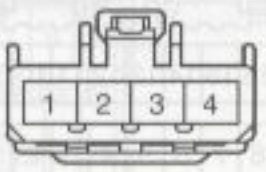


* 1 : Australia, Singapore, Hong Kong
* 2 : Except * 1

B2
BLACK



B3
BLACK



B4



B5
BLACK



B6



C1
BLACK



C2
BLACK



C3
BLACK



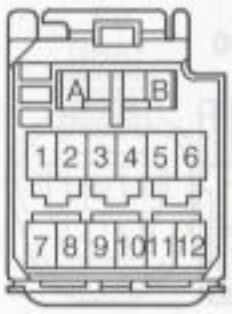
C4
GRAY



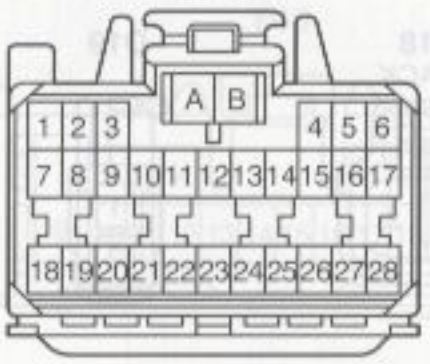
C5
BLACK



C6
YELLOW



C7
YELLOW



C8
YELLOW



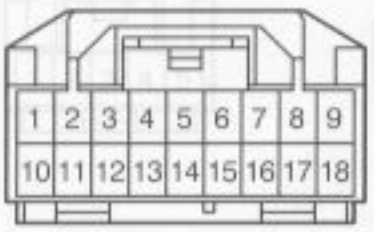
C9



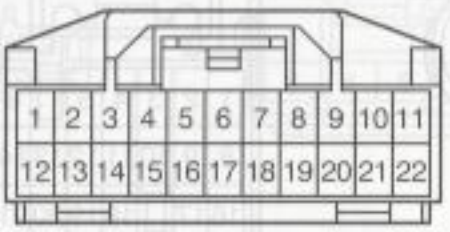
C10
BLACK



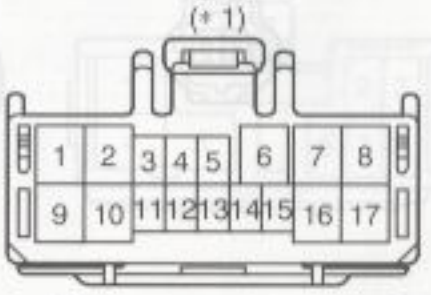
C11



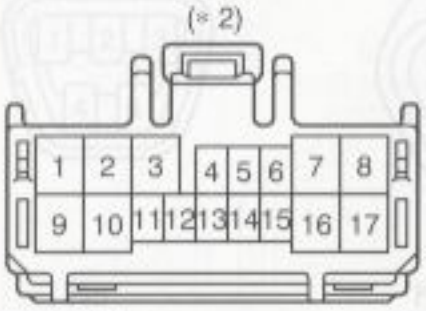
C12



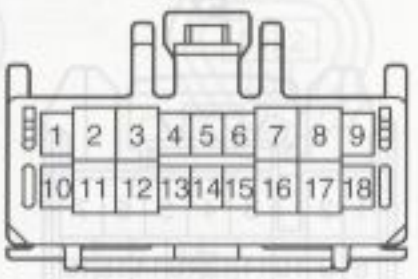
C13
(* 1)



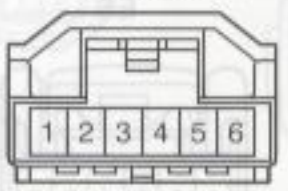
C13
(* 2)



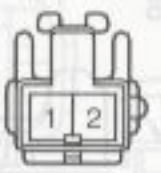
C14
BLACK



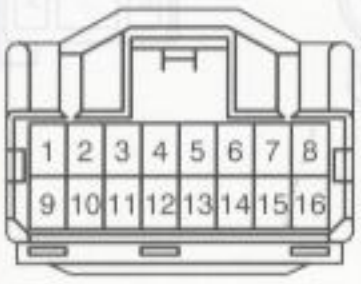
C15
BLACK



C16



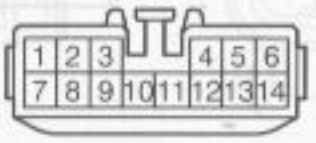
C17



C18



D1
BLUE



D2
BLACK



D3
BLACK



K CONNECTOR LIST

D4
BLACK



D5
BLACK



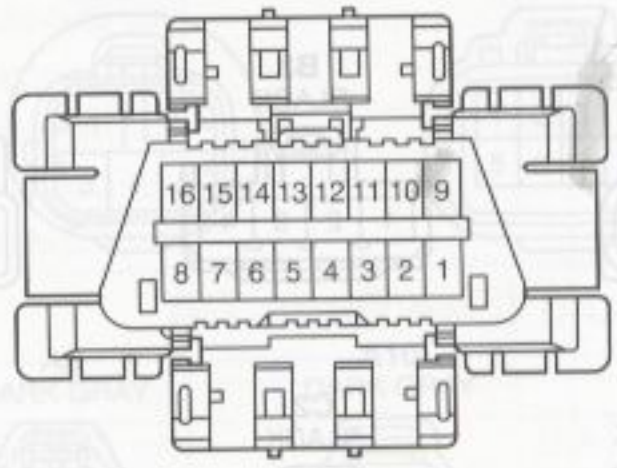
D6
GRAY



D7
BLACK



D8



D9
GRAY



D10
GRAY



D11



D12



D13
BLACK



D14
BLACK



D15



D16



D17
BLACK



D18
BLACK



D19



D20



E1
GRAY



E2
DARK GRAY



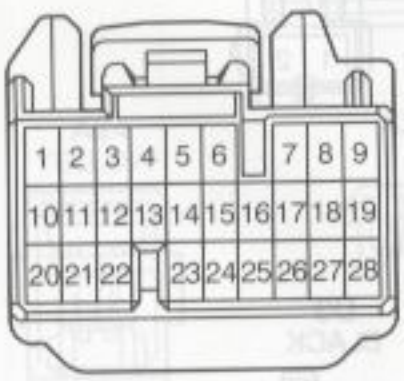
E3
GRAY



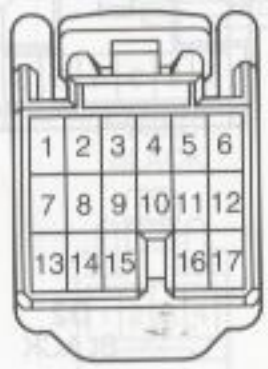
E4



E5



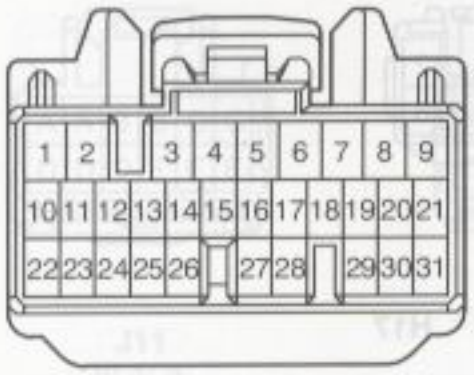
E6



E7



E8



F1
YELLOW



F2
YELLOW



F3
GRAY



F4
GRAY



F5
BROWN



F6
BROWN



F7
GRAY



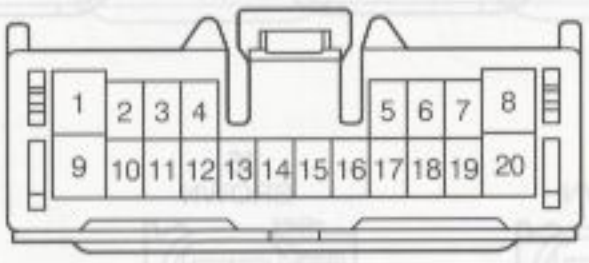
F8
GRAY



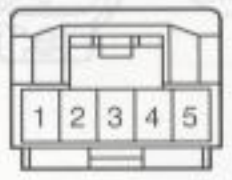
F9
GRAY



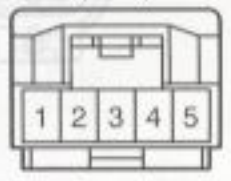
F10



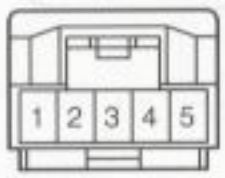
F11



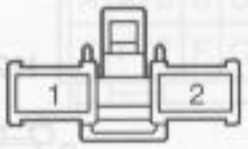
F12
(LHD)



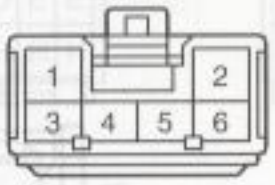
F12
(RHD) BLACK



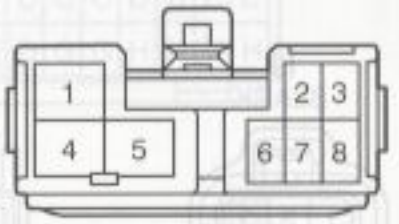
F13
BLACK



F14
BLACK



F15



F16



F17
GRAY



H1
BLACK



H2
BLACK



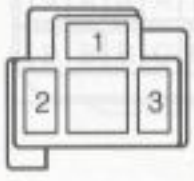
H3
GRAY



H4
BLACK



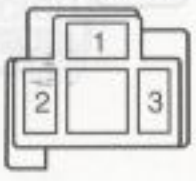
H5
BROWN



H6
BLACK



H7
BROWN



H8
BLACK



H9
DARK GRAY



K CONNECTOR LIST

H10
DARK GRAY



H11
BLACK



H12
BLACK



H13
BLACK



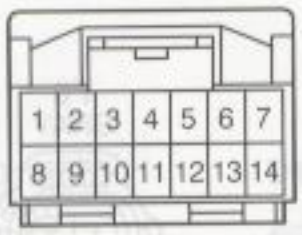
H14
(LHD) GRAY



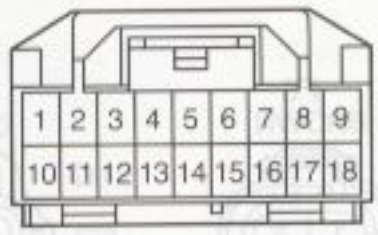
H14
(RHD)



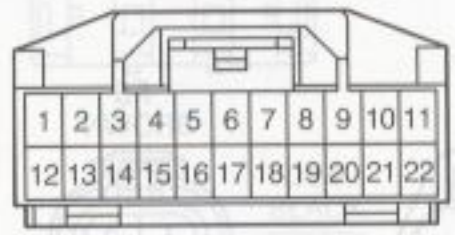
H15



H16



H17



H18



H19
BLACK



H20
BLACK



I1
BLACK



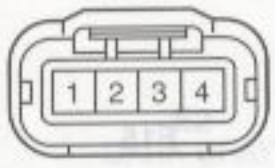
I2
BLACK



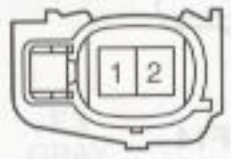
I3
BLACK



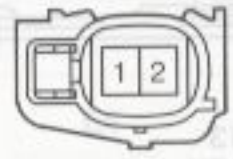
I4
BLACK



I5
BROWN



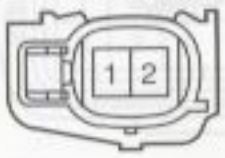
I6
BROWN



I7
BROWN



I8
BROWN



I9
BLACK



I10
GRAY



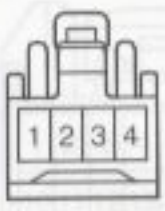
I11



I12



I13



I14



I15



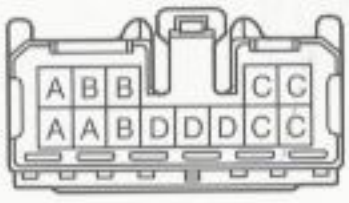
J1
DARK GRAY



J2
DARK GRAY



J3
BLUE



J4
BLACK



J5
BLUE



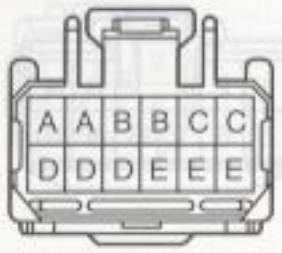
J6
BLUE



J7
BLACK



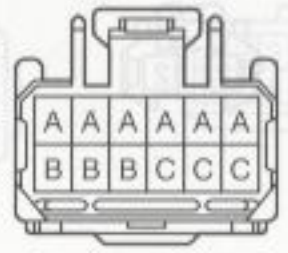
J8
BLACK



J9
GRAY



J10
GRAY



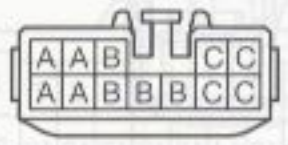
J11
BLACK



J12
BLACK



J13
GRAY



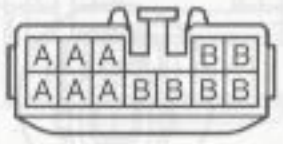
J14



J15



J16



J17



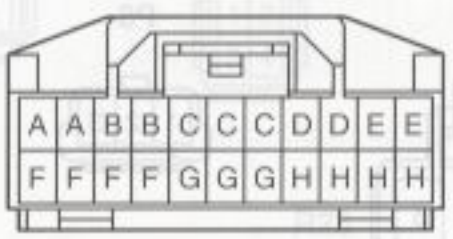
J18



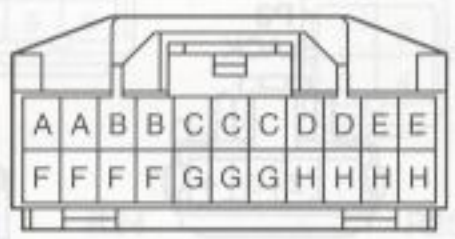
J19



J20



J21



J22



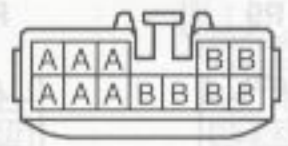
J23



J24



J25



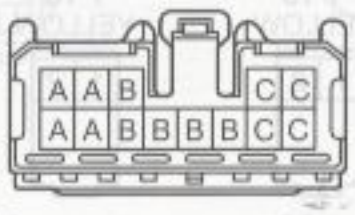
J26
GRAY



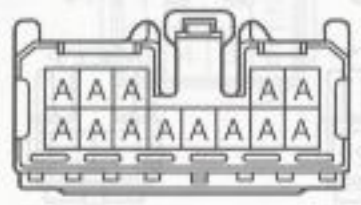
J27



J28



J29
BLACK



K1
DARK GRAY



K CONNECTOR LIST

K2
BLACK



L1
GRAY



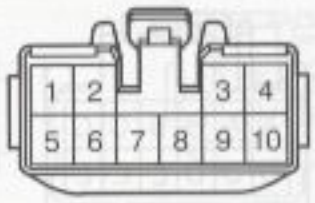
L2
GRAY



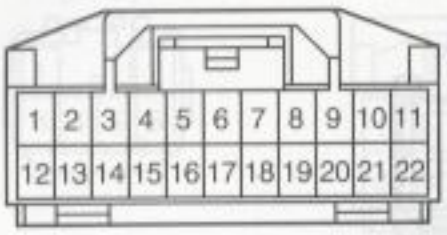
L3



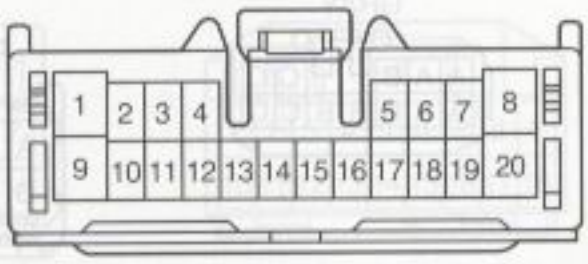
M1



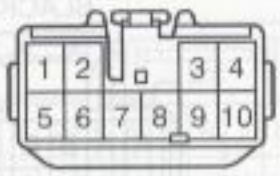
M2



M3



M4



M5



N1
BLACK



N2
GRAY



O1
GRAY



O2
BLUE



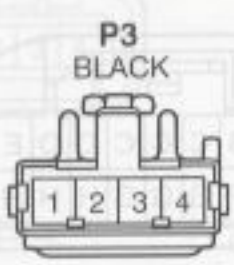
P1
BLACK



P2



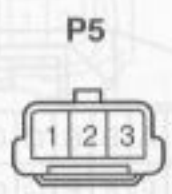
P3
BLACK



P4



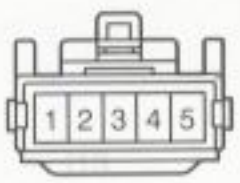
P5



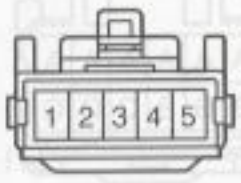
P6



P7



P8



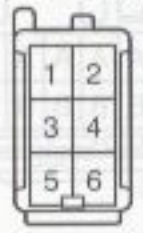
P9



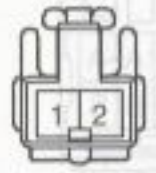
P10



P11
(LHD) BLACK



P11
(RHD)



P12
(LHD)



P12
(RHD) BLACK



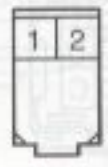
P13



P14



P15
YELLOW



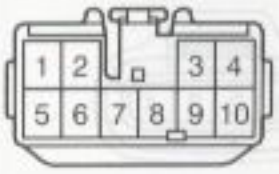
P16
YELLOW



R1
GRAY



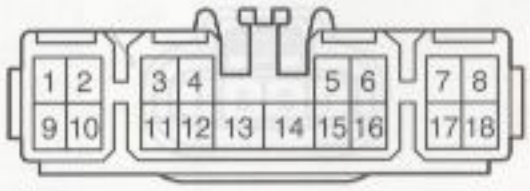
R2
BLUE



R3
BLUE



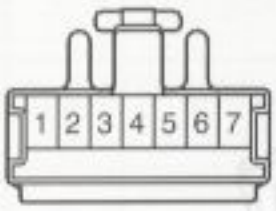
R4



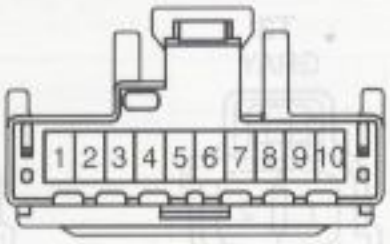
R5



R6



R7



R8



R9



R10



R11



R12
BLACK



R13
BLACK



R14
BLACK



R15

R16
BLACK

R17

R18

R19
BLACK

R20

R21



R22



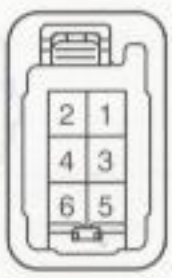
R23



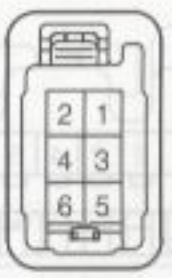
R24



R25



R26



S1
BLACK



S2
BLACK



S3



S4
BLACK



S5
BROWN



S6
BLACK



S7



S8



S9



S10



S11
GRAY



S12



K CONNECTOR LIST

S13
GRAY



S14



S15
BLACK



S16
BLACK



S17
BLACK



S18
BLACK



T1
BLACK



T2
BLACK



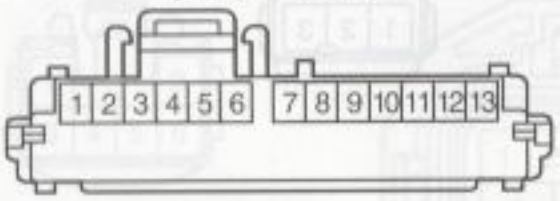
T3
GRAY



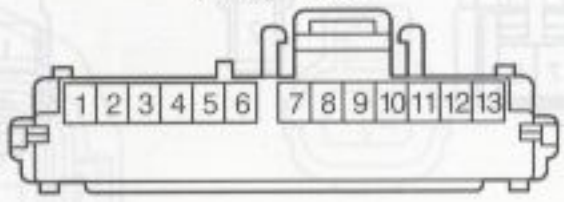
T4
GRAY



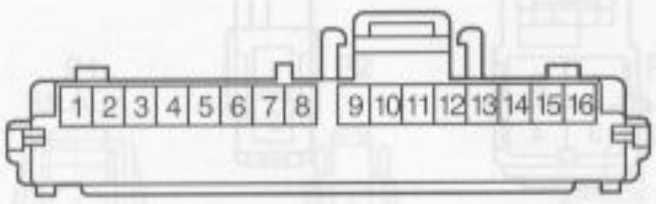
T5
(LHD) BROWN



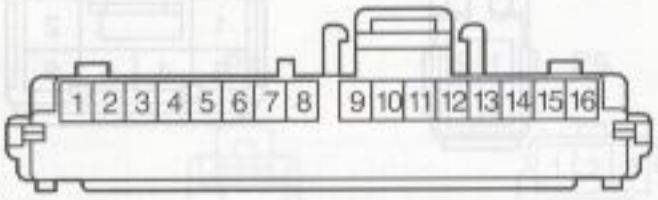
T5
(RHD) BLUE



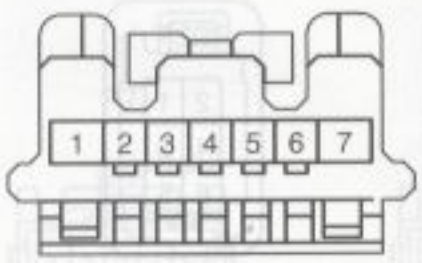
T6



T7



T8



T9



T10



T11



T12



U1



V1
BLUE



V2
BLUE



V3
BLUE



W1
BLACK



W2



W3
BLACK



W4



L INFORMATIONS SUR LE CONNECTEUR

Code	Voire page	Désignation des pièces
A1	94 (LHD)	Moteur de ventilateur de condenseur de A/C
	100 (RHD)	
A2	94 (LHD)	Accouplement magnétique de A/C et capteur de blocage
	100 (RHD)	
A3	94 (LHD)	Triple pressostat de A/C (double pressostat et pressostat simple de A/C)
	100 (RHD)	
A4	94 (LHD)	Dispositif de commande de ABS
	100 (RHD)	
A5	94 (LHD)	
	100 (RHD)	
A6	94 (LHD)	Capteur de vitesse de ABS avant gauche
	100 (RHD)	
A7	94 (LHD)	Capteur de vitesse de ABS avant droit
	100 (RHD)	
A8	94 (LHD)	Débitmètre d'air
	100 (RHD)	
A9	94 (LHD)	Capteur de rapport air/carburant (rangée 1, capteur 1)
	100 (RHD)	
A10	94 (LHD)	Capteur de rapport air/carburant (rangée 2, capteur 1)
	100 (RHD)	
A11	94 (LHD)	Alternateur
	100 (RHD)	
A12	94 (LHD)	
	100 (RHD)	
A13	94 (LHD)	Capteur de température ambiante
	100 (RHD)	
A14	96 (LHD)	Amplificateur de A/C
	102 (RHD)	
A15	102 (RHD)	
A16		
A17		
A18	102 (RHD)	Capteur de température ambiante d'habitacle de A/C
A19	102 (RHD)	Capteur solaire de A/C
A20	96 (LHD)	ECU ABS
	102 (RHD)	
A21	96 (LHD)	
	102 (RHD)	
A22	96 (LHD)	Servomoteur de commande d'admission d'air
	102 (RHD)	
A23	96 (LHD)	Charge explosive de sac gonflable (ensemble de sac gonflable de passager avant)
	102 (RHD)	
A24	96 (LHD)	Charge explosive de sac gonflable (rembourrage de volant de direction)
	102 (RHD)	
A25	96 (LHD)	Eclairage de cendrier
	102 (RHD)	

Code	Voire page	Désignation des pièces
A26	102 (RHD)	Capteur de commande d'éclairage automatique
A27	98 (LHD)	Capteur de vitesse de ABS arrière gauche
	104 (RHD)	
A28	98 (LHD)	Capteur de vitesse de ABS arrière droit
	104 (RHD)	
B1	94 (LHD)	Contacteur de feux de recul
	100 (RHD)	
B2	94 (LHD)	Contacteur de rappel de niveau de liquide de frein
	100 (RHD)	
B3	102 (RHD)	Contrôleur de moteur de soufflerie
B4	98 (LHD)	Contacteur d'éclairage de courtoisie de hayon
	104 (RHD)	
B5	98 (LHD)	Moteur de condamnation de hayon
	104 (RHD)	
B6	104 (RHD)	Contacteur de boucle
C1	94 (LHD)	Capteur de position d'arbre à cames
	100 (RHD)	
C2	94 (LHD)	Distributeur hydraulique de synchronisation d'arbre à cames
	100 (RHD)	
C3	94 (LHD)	Sensor de velocidad del contraengranaje
	100 (RHD)	
C4	94 (LHD)	Capteur de position de vilebrequin
	100 (RHD)	
C5	94 (LHD)	Dispositif de commande de programmateur de vitesse de croisière
	100 (RHD)	
C6	96 (LHD)	Ensemble de capteur de sac gonflable central
	102 (RHD)	
C7	96 (LHD)	
	102 (RHD)	
C8	96 (LHD)	
	102 (RHD)	
C9	96 (LHD)	Allume-cigare
	102 (RHD)	
C10	96 (LHD)	Montre électrique de bord
	102 (RHD)	
C11	96 (LHD)	Combiné de bord
	102 (RHD)	
C12	96 (LHD)	
	102 (RHD)	
C13	96 (LHD)	Commande combinée
	102 (RHD)	
C14	96 (LHD)	
	102 (RHD)	
C15	96 (LHD)	
	102 (RHD)	

Code	Voire page	Désignation des pièces
C16	96 (LHD) 102 (RHD)	Contacteur d'accouplement de programmateur de vitesse de croisière
C17	96 (LHD) 102 (RHD)	ECU de programmateur de vitesse de croisière
C18	98 (LHD) 104 (RHD)	Condenseur (A/C arrière)
D1	96 (LHD)	Relais de dispositifs d'éclairage de conduite de jour
D2	96 (LHD) 102 (RHD)	Diode (A/C N° 1)
D3	96 (LHD) 102 (RHD)	Diode (A/C N° 2)
D4	96 (LHD) 102 (RHD)	Diode (d'éclairage de courtoisie sur porte N° 1)
D5	96 (LHD) 102 (RHD)	Diode (d'éclairage de courtoisie sur porte N° 2)
D6	96 (LHD) 102 (RHD)	Diode (de régime ralenti accéléré)
D7	96 (LHD) 102 (RHD)	Diode (Rétroviseur à commande électrique)
D8	96 (LHD) 102 (RHD)	DLC3
D9	98 (LHD) 104 (RHD)	Eclairage de courtoisie sur porte avant gauche
D10	98 (LHD) 104 (RHD)	Eclairage de courtoisie sur porte avant droite
D11	98 (LHD) 104 (RHD)	Contacteur d'éclairage de courtoisie sur porte avant gauche
D12	98 (LHD) 104 (RHD)	Contacteur d'éclairage de courtoisie sur porte avant droite
D13	98 (LHD)	Moteur de condamnation de porte et contacteur de détection de libération de porte avant gauche
D14	104 (RHD)	Moteur de condamnation de porte et contacteur de détection de libération de porte avant droite
D15	104 (RHD)	Moteur et contacteur de condamnation de porte avant gauche
D16	104 (RHD)	Moteur et contacteur de condamnation de porte avant droite
D17	104 (RHD)	Moteur de condamnation de porte avant gauche
D18	98 (LHD)	Moteur de condamnation de porte avant droite
D19	98 (LHD) 104 (RHD)	Haut-parleur de porte avant gauche
D20	98 (LHD) 104 (RHD)	Haut-parleur de porte avant droite
E1	94 (LHD) 100 (RHD)	Solénoïde de commande ECT

Code	Voire page	Désignation des pièces
E2	94 (LHD) 100 (RHD)	Capteur de température d'eau de EFI
E3	94 (LHD) 100 (RHD)	Capteur de niveau d'huile moteur
E4	96 (LHD) 102 (RHD)	ECU de moteur et de boîte ECT (A/T) ou ECU de moteur (M/T)
E5	96 (LHD) 102 (RHD)	
E6	96 (LHD) 102 (RHD)	
E7	96 (LHD) 102 (RHD)	
E8	96 (LHD) 102 (RHD)	
F1	94 (LHD) 100 (RHD)	Capteur de sac gonflable avant gauche
F2	94 (LHD) 100 (RHD)	Capteur de sac gonflable avant droit
F3	94 (LHD) 100 (RHD)	Feu d'encombrement avant gauche
F4	94 (LHD) 100 (RHD)	Feu d'encombrement avant droit
F5	94 (LHD) 100 (RHD)	Projecteur antibrouillard avant gauche
F6	94 (LHD) 100 (RHD)	Projecteur antibrouillard avant droit
F7	94 (LHD) 100 (RHD)	Feu de changement de direction latéral avant gauche
F8	94 (LHD) 100 (RHD)	Feu de changement de direction latéral avant droit
F9	94 (LHD) 100 (RHD)	Moteur d'essuie-glace de pare-brise
F10	96 (LHD) 102 (RHD)	Commande de A/C avant
F11	96 (LHD) 102 (RHD)	Servomoteur de commande de mélange d'air avant
F12	96 (LHD) 102 (RHD)	Servomoteur de commande de mode d'aération avant
F13	96 (LHD) 102 (RHD)	Moteur de soufflerie avant
F14	96 (LHD) 102 (RHD)	Résistance de soufflerie avant
F15	96 (LHD) 102 (RHD)	Commande de soufflerie avant
F16	96 (LHD) 102 (RHD)	Thermistance avant

L INFORMATIONS SUR LE CONNECTEUR

Code	Voire page	Désignation des pièces
F17	98 (LHD) 104 (RHD)	Pompe d'alimentation et jauge émettrice de niveau
H1	94 (LHD) 100 (RHD)	Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche
H2	94 (LHD) 100 (RHD)	Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit
H3	94 (LHD)	Moteur de lave-projecteur avant
H4	94 (LHD)	Relais de lave-projecteur avant
H5	94 (LHD) 100 (RHD)	Projecteur avant gauche (feux de route et croisement)
H6	100 (RHD)	Projecteur avant gauche (feux de route)
H7	94 (LHD) 100 (RHD)	Projecteur avant droite (feux de route et croisement)
H8	100 (RHD)	Projecteur avant droit (feux de route)
H9	100 (RHD)	Capteur d'oxygène réchauffé (rangée 1, capteur 1)
H10	100 (RHD)	Capteur d'oxygène réchauffé (rangée 2, capteur 1)
H11	94 (LHD) 100 (RHD)	Avertisseur (aigu)
H12	94 (LHD) 100 (RHD)	Avertisseur (grave)
H13	96 (LHD) 102 (RHD)	Commande de feux de détresse
H14	96 (LHD) 102 (RHD)	Commande de réglage d'orientation de faisceau de projecteur avant
H15	96 (LHD) 102 (RHD)	Amplificateur de chauffage
H16	96 (LHD) 102 (RHD)	
H17	96 (LHD) 102 (RHD)	
H18	98 (LHD) 104 (RHD)	Feux stop à implantation haute
H19	94 (LHD) 100 (RHD)	Capteur d'oxygène réchauffé (rangée 1, capteur 2)
H20	94 (LHD) 100 (RHD)	Capteur d'oxygène réchauffé (rangée 2, capteur 2)
I1	95 (LHD) 101 (RHD)	Bobine d'allumage et allumeur N° 1
I2	95 (LHD) 101 (RHD)	Bobine d'allumage et allumeur N° 2
I3	95 (LHD) 101 (RHD)	Bobine d'allumage et allumeur N° 3
I4	95 (LHD) 101 (RHD)	Bobine d'allumage et allumeur N° 4

Code	Voire page	Désignation des pièces
I5	95 (LHD) 101 (RHD)	Injecteur N° 1
I6	95 (LHD) 101 (RHD)	Injecteur N° 2
I7	95 (LHD) 101 (RHD)	Injecteur N° 3
I8	95 (LHD) 101 (RHD)	Injecteur N° 4
I9	95 (LHD) 101 (RHD)	Soupape ISC
I10	97 (LHD) 103 (RHD)	Eclairage de barillet de contacteur d'allumage
I11	97 (LHD) 103 (RHD)	Contacteur d'allumage
I12	98 (LHD) 104 (RHD)	Plafonnier avant gauche
I13	98 (LHD) 104 (RHD)	Plafonnier avant droite
I14	98 (LHD) 104 (RHD)	Plafonnier arrière gauche
I15	98 (LHD) 104 (RHD)	Plafonnier arrière droit
J1	95 (LHD) 101 (RHD)	Connecteur de raccord
J2	95 (LHD) 101 (RHD)	
J3	97 (LHD) 103 (RHD)	
J4	97 (LHD) 103 (RHD)	
J5	97 (LHD) 103 (RHD)	
J6	97 (LHD) 103 (RHD)	
J7	97 (LHD) 103 (RHD)	
J8	97 (LHD) 103 (RHD)	
J9	97 (LHD) 103 (RHD)	
J10	97 (LHD) 103 (RHD)	
J11	97 (LHD) 103 (RHD)	
J12	97 (LHD) 103 (RHD)	

Code	Voire page	Désignation des pièces
J13	97 (LHD)	Connecteur de raccord
	103 (RHD)	
J14	97 (LHD)	
	103 (RHD)	
J15	97 (LHD)	
	103 (RHD)	
J16	97 (LHD)	
	103 (RHD)	
J17	97 (LHD)	
	103 (RHD)	
J18	97 (LHD)	
	103 (RHD)	
J19	97 (LHD)	
	103 (RHD)	
J20	103 (RHD)	
J21		
J22	98 (LHD)	
	104 (RHD)	
J23	98 (LHD)	
	104 (RHD)	
J24	98 (LHD)	
	104 (RHD)	
J25	98 (LHD)	
	104 (RHD)	
J26	98 (LHD)	
	104 (RHD)	
J27	98 (LHD)	
	104 (RHD)	
J28	98 (LHD)	
	104 (RHD)	
J29	98 (LHD)	
	104 (RHD)	
K1	95 (LHD)	Capteur de cognement moteur
	101 (RHD)	
K2	97 (LHD)	Contacteur de rétrogradation
L1	98 (LHD)	Eclairage de plaque minéralogique gauche
	104 (RHD)	
L2	98 (LHD)	Eclairage de plaque minéralogique droit
	104 (RHD)	
L3	98 (LHD)	Eclairage de compartiment à bagages
	104 (RHD)	
M1	97 (LHD)	ECU de carrosserie de rèseau multiplex
	103 (RHD)	
M2	97 (LHD)	
	103 (RHD)	
M3	98 (LHD)	Commande générale de réseau multiplex
	104 (RHD)	

Code	Voire page	Désignation des pièces
M4	98 (LHD)	Moteur de commande de toit ouvrant et interrupteur de fin de course
	104 (RHD)	
M5	98 (LHD)	Commande de toit ouvrant
	104 (RHD)	
N1	95 (LHD)	Contacteur de démarrage au point mort
	101 (RHD)	
N2	95 (LHD)	Filtre antiparasites (allumage)
	101 (RHD)	
O1	95 (LHD)	Manocontact de pression d'huile
	101 (RHD)	
O2	97 (LHD)	Contacteur principale de O/D
	103 (RHD)	
P1	95 (LHD)	Manocontact de pression d'huile de direction assistée
	101 (RHD)	
P2	97 (LHD)	Contacteur de frein de stationnement
	103 (RHD)	
P3	97 (LHD)	Commutateur de chauffage forcé
	103 (RHD)	
P4	97 (LHD)	Chauffage de PTC
	103 (RHD)	
P5	99 (LHD)	Projecteur individuel
	105 (RHD)	
P6	99 (LHD)	Prise d'alimentation
	105 (RHD)	
P7	105 (RHD)	Commande de lève-glace électrique avant gauche
P8	99 (LHD)	Commande de lève-glace électrique avant droit
P9	99 (LHD)	Commande de lève-glace électrique arrière gauche
	105 (RHD)	
P10	99 (LHD)	Commande de lève-glace électrique arrière droit
	105 (RHD)	
P11	99 (LHD)	Moteur de lève-glace électrique avant gauche
P12	99 (LHD)	Moteur de lève-glace électrique avant droit
	105 (RHD)	
P13	99 (LHD)	Moteur de lève-glace électrique arrière gauche
	105 (RHD)	
P14	99 (LHD)	Moteur de lève-glace électrique arrière droit
	105 (RHD)	
P15	99 (LHD)	Prétendeur gauche
	105 (RHD)	
P16	99 (LHD)	Prétendeur droit
	105 (RHD)	
R1	95 (LHD)	Moteur de ventilateur de radiateur
	101 (RHD)	

L INFORMATIONS SUR LE CONNECTEUR

Code	Voire page	Désignation des pièces
R2	97 (LHD)	Autoradio et lecteur de cassettes
	103 (RHD)	
R3	97 (LHD)	
	103 (RHD)	
R4	97 (LHD)	
	103 (RHD)	
R5	97 (LHD)	
	103 (RHD)	
R6	97 (LHD)	Commande de projecteur antibrouillard arrière
	103 (RHD)	
R7	97 (LHD)	Commande de rétroviseur à commande électrique
	103 (RHD)	
R8	103 (RHD)	Commande de rhéostat
R9	99 (LHD)	Commande de A/C arrière
	105 (RHD)	
R10	99 (LHD)	Servomoteur de commande de mélange d'air arrière
	105 (RHD)	
R11	99 (LHD)	Servomoteur de commande de mode d'aération arrière
	105 (RHD)	
R12	99 (LHD)	Moteur de soufflerie arrière
	105 (RHD)	
R13	99 (LHD)	Résistance de soufflerie arrière
	105 (RHD)	
R14	99 (LHD)	Eclairage arrière combiné gauche
	105 (RHD)	
R15	99 (LHD)	
	105 (RHD)	
R16	99 (LHD)	Eclairage arrière combiné droit
	105 (RHD)	
R17	99 (LHD)	
	105 (RHD)	
R18	99 (LHD)	Contacteur de commande de climatiseur arrière
	105 (RHD)	
R19	99 (LHD)	Transistor d'alimentation de chauffage arrière
	105 (RHD)	
R20	99 (LHD)	Haut-parleur arrière gauche
	105 (RHD)	
R21	99 (LHD)	Haut-parleur arrière droit
	105 (RHD)	
R22	99 (LHD)	Désembueur de glace de lunette arrière
	105 (RHD)	
R23	99 (LHD)	
	105 (RHD)	
R24	99 (LHD)	Relais et moteur d'essuie-glace de lunette arrière
	105 (RHD)	
R25	99 (LHD)	Rétroviseur à commande électrique gauche
	105 (RHD)	

Code	Voire page	Désignation des pièces
R26	99 (LHD)	Rétroviseur à commande électrique droit
	105 (RHD)	
S1	95 (LHD)	Capteur de vitesse (combiné de bord)
	101 (RHD)	
S2	95 (LHD)	Démarreur
	101 (RHD)	
S3	95 (LHD)	
	101 (RHD)	
S4	97 (LHD)	Commande de chauffage de siège (siège de conducteur)
S5	97 (LHD)	Commande de chauffage de siège (siège de passager avant)
S6	97 (LHD)	Contacteur de feux stop
	103 (RHD)	
S7	99 (LHD)	Chauffage de siège (siège de conducteur)
S8	99 (LHD)	Chauffage de siège (siège de passager avant)
S9	99 (LHD)	Contacteur d'éclairage de courtoisie sur porte coulissante gauche
	105 (RHD)	
S10	99 (LHD)	Contacteur d'éclairage de courtoisie sur porte coulissante droite
	105 (RHD)	
S11	99 (LHD)	Contacteur de jonction de porte coulissante gauche
	105 (RHD)	
S12	99 (LHD)	
	105 (RHD)	
S13	99 (LHD)	Contacteur de jonction de porte coulissante droit
	105 (RHD)	
S14	99 (LHD)	
	105 (RHD)	
S15	105 (RHD)	Moteur et contacteur de condamnation de porte couissante gauche
S16	105 (RHD)	Moteur et contacteur de condamnation de porte couissante droite
S17	99 (LHD)	Moteur de condamnation de porte coulissante gauche
	105 (RHD)	
S18	99 (LHD)	Moteur de condamnation de porte coulissante droite
	105 (RHD)	
T1	95 (LHD)	Capteur de position de papillon d'accélération
	101 (RHD)	
T2	95 (LHD)	Capteur de vitesse de turbine
	101 (RHD)	
T3	95 (LHD)	Feu de changement de direction avant gauche
	101 (RHD)	
T4	95 (LHD)	Feu de changement de direction avant droite
	101 (RHD)	
T5	97 (LHD)	Lampe-témoin
	103 (RHD)	
T6	97 (LHD)	
	103 (RHD)	

Code	Voire page	Désignation des pièces
T7	97 (LHD) 103 (RHD)	Lampe-témoin
T8	97 (LHD) 103 (RHD)	Amplificateur de clé de transpondeur
T9	99 (LHD) 105 (RHD)	Feu de changement de direction arrière gauche
T10	99 (LHD) 105 (RHD)	Feu de changement de direction arrière droite
T11	99 (LHD) 105 (RHD)	Tweeter gauche
T12	99 (LHD) 105 (RHD)	Tweeter droite
U1	97 (LHD) 103 (RHD)	Contacteur de rappel de libération

Code	Voire page	Désignation des pièces
V1	95 (LHD) 101 (RHD)	VSV (EVAP)
V2	99 (LHD) 105 (RHD)	Eclairage gauche de miroir de maquillage
V3	99 (LHD) 105 (RHD)	Eclairage droit de miroir de maquillage
W1	95 (LHD) 101 (RHD)	Moteur de lave-glace
W2	95 (LHD) 101 (RHD)	Contacteur de température d'eau
W3	103 (RHD)	Capteur de température d'eau
W4	99 (LHD) 105 (RHD)	Récepteur de la commande de condamnation de porte à commande radio

L INFORMACION DE CONECTORES

Código	Vea la página	Nombre de las partes
A1	94 (LHD) 100 (RHD)	Motor del ventilador del condensador del A/C
A2	94 (LHD) 100 (RHD)	Embrague magnético del A/C y sensor de bloqueo del A/C
A3	94 (LHD) 100 (RHD)	Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)
A4	94 (LHD) 100 (RHD)	Actuador de ABS
A5	94 (LHD) 100 (RHD)	
A6	94 (LHD) 100 (RHD)	Sensor de velocidad de ABS, frontal izquierdo
A7	94 (LHD) 100 (RHD)	Sensor de velocidad de ABS, frontal derecho
A8	94 (LHD) 100 (RHD)	Medidor de flujo de aire
A9	94 (LHD) 100 (RHD)	Sensor de la relación de aire-combustible (banco 1 sensor 1)
A10	94 (LHD) 100 (RHD)	Sensor de la relación de aire-combustible (banco 2 sensor 1)
A11	94 (LHD) 100 (RHD)	Alternador
A12	94 (LHD) 100 (RHD)	
A13	94 (LHD) 100 (RHD)	Sensor de la temperatura ambiente
A14	96 (LHD) 102 (RHD)	Amplificador del A/C
A15	102 (RHD)	
A16		
A17		
A18	102 (RHD)	Sensor de la temperatura del compartimiento del A/C
A19	102 (RHD)	Sensor solar del A/C
A20	96 (LHD) 102 (RHD)	ECU del ABS
A21	96 (LHD) 102 (RHD)	
A22	96 (LHD) 102 (RHD)	Servomotor de control de la entrada de aire
A23	96 (LHD) 102 (RHD)	Detonador del colchón de aire (conjunto del colchón de aire del pasajero delantero)
A24	96 (LHD) 102 (RHD)	Detonador del colchón de aire (almohadilla del volante de dirección)
A25	96 (LHD) 102 (RHD)	Iluminación del cenicero
A26	102 (RHD)	Sensor del control automático de las luces

Código	Vea la página	Nombre de las partes
A27	98 (LHD) 104 (RHD)	Sensor de velocidad de ABS, trasero izquierdo
A28	98 (LHD) 104 (RHD)	Sensor de velocidad de ABS, trasero derecho
B1	94 (LHD) 100 (RHD)	Interruptor de la luz de marcha atrás
B2	94 (LHD) 100 (RHD)	Interruptor de advertencia del nivel del líquido de frenos
B3	102 (RHD)	Controlador del motor del soplador
B4	98 (LHD) 104 (RHD)	Interruptor de cortesía de la puerta posterior
B5	98 (LHD) 104 (RHD)	Motor de bloqueo de la puerta posterior
B6	104 (RHD)	Interruptor de la hebilla
C1	94 (LHD) 100 (RHD)	Sensor de posición del árbol de levas
C2	94 (LHD) 100 (RHD)	Válvula de control del aceite de distribución del árbol de levas
C3	94 (LHD) 100 (RHD)	Capteur de vitesse d'engrenage de compteur
C4	94 (LHD) 100 (RHD)	Sensor de posición del cigüeñal
C5	94 (LHD) 100 (RHD)	Actuador del control de crucero
C6	96 (LHD) 102 (RHD)	Conjunto del sensor del colchón de aire central
C7	96 (LHD) 102 (RHD)	
C8	96 (LHD) 102 (RHD)	
C9	96 (LHD) 102 (RHD)	Encendedor de cigarrillos
C10	96 (LHD) 102 (RHD)	Reloj
C11	96 (LHD) 102 (RHD)	Medidor de combinación
C12	96 (LHD) 102 (RHD)	
C13	96 (LHD) 102 (RHD)	Interruptor de combinación
C14	96 (LHD) 102 (RHD)	
C15	96 (LHD) 102 (RHD)	
C16	96 (LHD) 102 (RHD)	Interruptor del embrague del control de crucero

Código	Vea la página	Nombre de las partes
C17	96 (LHD) 102 (RHD)	ECU de control de crucero
C18	98 (LHD) 104 (RHD)	Condensador (A/C trasero)
D1	96 (LHD)	Relé de la luz de marcha diurna
D2	96 (LHD) 102 (RHD)	Diodo (A/C N.° 1)
D3	96 (LHD) 102 (RHD)	Diodo (A/C N.° 2)
D4	96 (LHD) 102 (RHD)	Diodo (cortesía de la puerta N.° 1)
D5	96 (LHD) 102 (RHD)	Diodo (cortesía de la puerta N.° 2)
D6	96 (LHD) 102 (RHD)	Diodo (aumento del ralentí)
D7	96 (LHD) 102 (RHD)	Diodo (Espejo retrovisor de control remoto)
D8	96 (LHD) 102 (RHD)	DLC3
D9	98 (LHD) 104 (RHD)	Luz de cortesía de la puerta, frontal izquierda
D10	98 (LHD) 104 (RHD)	Luz de cortesía de la puerta, frontal derecha
D11	98 (LHD) 104 (RHD)	Interruptor de cortesía de la puerta frontal izquierda
D12	98 (LHD) 104 (RHD)	Interruptor de cortesía de la puerta frontal derecha
D13	98 (LHD)	Motor de bloqueo de la puerta e interruptor de detección de desbloqueo de la puerta frontal izquierda
D14	104 (RHD)	Motor de bloqueo de la puerta e interruptor de detección de desbloqueo de la puerta frontal derecha
D15	104 (RHD)	Motor e interruptor de bloqueo de la puerta frontal izquierda
D16	104 (RHD)	Motor e interruptor de bloqueo de la puerta frontal derecha
D17	104 (RHD)	Motor de bloqueo de la puerta frontal izquierda
D18	98 (LHD)	Motor de bloqueo de la puerta frontal derecha
D19	98 (LHD) 104 (RHD)	Altavoz de la puerta frontal izquierda
D20	98 (LHD) 104 (RHD)	Altavoz de la puerta frontal derecha
E1	94 (LHD) 100 (RHD)	Solenoide de ECT
E2	94 (LHD) 100 (RHD)	Sensor de la temperatura del agua de EFI
E3	94 (LHD) 100 (RHD)	Sensor del nivel de aceite del motor
E4	96 (LHD) 102 (RHD)	ECU del motor y ECT (A/T) o ECU del motor (M/T)
E5	96 (LHD) 102 (RHD)	
E6	96 (LHD) 102 (RHD)	
E7	96 (LHD) 102 (RHD)	
E8	96 (LHD) 102 (RHD)	
F1	94 (LHD) 100 (RHD)	Sensor del colchón de aire frontal izquierdo
F2	94 (LHD) 100 (RHD)	Sensor del colchón de aire frontal derecho
F3	94 (LHD) 100 (RHD)	Luz de paso delantera izquierda
F4	94 (LHD) 100 (RHD)	Luz de paso delantera derecha
F5	94 (LHD) 100 (RHD)	Luz antiniebla frontal izquierda
F6	94 (LHD) 100 (RHD)	Luz antiniebla frontal derecha
F7	94 (LHD) 100 (RHD)	Luz de la señal de giro lateral frontal izquierda
F8	94 (LHD) 100 (RHD)	Luz de la señal de giro lateral frontal derecha
F9	94 (LHD) 100 (RHD)	Motor del limpiador frontal
F10	96 (LHD) 102 (RHD)	Interruptor de control del A/C frontal
F11	96 (LHD) 102 (RHD)	Servomotor de control de mezcla de aire frontal
F12	96 (LHD) 102 (RHD)	Servomotor de control del modo de ventilación de aire frontal
F13	96 (LHD) 102 (RHD)	Motor del soplador delantero
F14	96 (LHD) 102 (RHD)	Resistor del soplador delantero
F15	96 (LHD) 102 (RHD)	Interruptor del soplador frontal
F16	96 (LHD) 102 (RHD)	Termistor frontal
F17	98 (LHD) 104 (RHD)	Bomba de combustible y emisor

L INFORMACION DE CONECTORES

Código	Vea la página	Nombre de las partes
H1	94 (LHD) 100 (RHD)	Actuador de control del nivel del haz del faro izquierdo
H2	94 (LHD) 100 (RHD)	Actuador de control del nivel del haz del faro derecho
H3	94 (LHD)	Motor del limpiador del faro
H4	94 (LHD)	Relé del limpiador del faro
H5	94 (LHD) 100 (RHD)	Faro izquierdo (de carretera y de cruce)
H6	100 (RHD)	Faro izquierdo (luz de carretera)
H7	94 (LHD) 100 (RHD)	Faro derecho (de carretera y de cruce)
H8	100 (RHD)	Faro derecho (luz de carretera)
H9	100 (RHD)	Sensor de oxígeno calentado (banco 1 sensor 1)
H10	100 (RHD)	Sensor de oxígeno calentado (banco 2 sensor 1)
H11	94 (LHD) 100 (RHD)	Bocina (alta)
H12	94 (LHD) 100 (RHD)	Bocina (baja)
H13	96 (LHD) 102 (RHD)	Interruptor de peligro
H14	96 (LHD) 102 (RHD)	Interruptor de control del nivel del haz del faro
H15	96 (LHD) 102 (RHD)	Amplificador del calefactor
H16	96 (LHD) 102 (RHD)	
H17	96 (LHD) 102 (RHD)	
H18	98 (LHD) 104 (RHD)	Luz de parada de montura alta
H19	94 (LHD) 100 (RHD)	Sensor de oxígeno calentado (banco 1 sensor 2)
H20	94 (LHD) 100 (RHD)	Sensor de oxígeno calentado (banco 2 sensor 2)
I1	95 (LHD) 101 (RHD)	Bobina de encendido y encendedor N.° 1
I2	95 (LHD) 101 (RHD)	Bobina de encendido y encendedor N.° 2
I3	95 (LHD) 101 (RHD)	Bobina de encendido y encendedor N.° 3
I4	95 (LHD) 101 (RHD)	Bobina de encendido y encendedor N.° 4
I5	95 (LHD) 101 (RHD)	Inyector N.° 1
I6	95 (LHD) 101 (RHD)	Inyector N.° 2

Código	Vea la página	Nombre de las partes
I7	95 (LHD) 101 (RHD)	Inyector N.° 3
I8	95 (LHD) 101 (RHD)	Inyector N.° 4
I9	95 (LHD) 101 (RHD)	Válvula de ISC
I10	97 (LHD) 103 (RHD)	Luz del cilindro de la llave de encendido
I11	97 (LHD) 103 (RHD)	Interruptor de encendido
I12	98 (LHD) 104 (RHD)	Luz interior delantera izquierda
I13	98 (LHD) 104 (RHD)	Luz interior delantera derecha
I14	98 (LHD) 104 (RHD)	Luz interior trasera izquierda
I15	98 (LHD) 104 (RHD)	Luz interior trasera derecha
J1	95 (LHD) 101 (RHD)	Conector de unión
J2	95 (LHD) 101 (RHD)	
J3	97 (LHD) 103 (RHD)	
J4	97 (LHD) 103 (RHD)	
J5	97 (LHD) 103 (RHD)	
J6	97 (LHD) 103 (RHD)	
J7	97 (LHD) 103 (RHD)	
J8	97 (LHD) 103 (RHD)	
J9	97 (LHD) 103 (RHD)	
J10	97 (LHD) 103 (RHD)	
J11	97 (LHD) 103 (RHD)	
J12	97 (LHD) 103 (RHD)	
J13	97 (LHD) 103 (RHD)	
J14	97 (LHD) 103 (RHD)	

Código	Vea la página	Nombre de las partes
J15	97 (LHD)	Conector de unión
	103 (RHD)	
J16	97 (LHD)	
	103 (RHD)	
J17	97 (LHD)	
	103 (RHD)	
J18	97 (LHD)	
	103 (RHD)	
J19	97 (LHD)	
	103 (RHD)	
J20	103 (RHD)	
J21		
J22	98 (LHD)	
	104 (RHD)	
J23	98 (LHD)	
	104 (RHD)	
J24	98 (LHD)	
	104 (RHD)	
J25	98 (LHD)	
	104 (RHD)	
J26	98 (LHD)	
	104 (RHD)	
J27	98 (LHD)	
	104 (RHD)	
J28	98 (LHD)	
	104 (RHD)	
J29	98 (LHD)	
	104 (RHD)	
K1	95 (LHD)	Sensor de golpeteo
	101 (RHD)	
K2	97 (LHD)	Interruptor del retirador
L1	98 (LHD)	Luz de la matrícula izquierda
	104 (RHD)	
L2	98 (LHD)	Luz de la matrícula derecha
	104 (RHD)	
L3	98 (LHD)	Luz del portaequipajes
	104 (RHD)	
M1	97 (LHD)	ECU de la carrocería de la red multiplex
	103 (RHD)	
M2	97 (LHD)	
	103 (RHD)	
M3	98 (LHD)	Interruptor principal de la red multiplex
	104 (RHD)	
M4	98 (LHD)	Motor de control e interruptor de límite del techo lunar
	104 (RHD)	
M5	98 (LHD)	Interruptor de control del techo lunar
	104 (RHD)	

Código	Vea la página	Nombre de las partes
N1	95 (LHD)	Interruptor de arranque en punto muerto
	101 (RHD)	
N2	95 (LHD)	Filtro de ruido (encendido)
	101 (RHD)	
O1	95 (LHD)	Interruptor de presión de aceite
	101 (RHD)	
O2	97 (LHD)	Interruptor principal de O/D
	103 (RHD)	
P1	95 (LHD)	Interruptor de presión de aceite de la servodirección
	101 (RHD)	
P2	97 (LHD)	Interruptor del freno de estacionamiento
	103 (RHD)	
P3	97 (LHD)	Interruptor del calefactor de potencia
	103 (RHD)	
P4	97 (LHD)	Calefactor de PTC
	103 (RHD)	
P5	99 (LHD)	Luz personal
	105 (RHD)	
P6	99 (LHD)	Toma de alimentación
	105 (RHD)	
P7	105 (RHD)	Interruptor de control de la ventanilla automática frontal izquierda
P8	99 (LHD)	Interruptor de control de la ventanilla automática frontal derecha
P9	99 (LHD)	Interruptor de control de la ventanilla automática trasera izquierda
	105 (RHD)	
P10	99 (LHD)	Interruptor de control de la ventanilla automática trasera derecha
	105 (RHD)	
P11	99 (LHD)	Motor de la ventanilla automática frontal izquierda
P12	99 (LHD)	Motor de la ventanilla automática frontal derecha
	105 (RHD)	
P13	99 (LHD)	Motor de la ventanilla automática trasera izquierda
	105 (RHD)	
P14	99 (LHD)	Motor de la ventanilla automática trasera derecha
	105 (RHD)	
P15	99 (LHD)	Pretensor izquierdo
	105 (RHD)	
P16	99 (LHD)	Pretensor derecho
	105 (RHD)	
R1	95 (LHD)	Motor del ventilador del radiador
	101 (RHD)	
R2	97 (LHD)	Radio y reproductor
	103 (RHD)	
R3	97 (LHD)	
	103 (RHD)	
R4	97 (LHD)	
	103 (RHD)	

L INFORMACION DE CONECTORES

Código	Vea la página	Nombre de las partes
R5	97 (LHD) 103 (RHD)	Radio y reproductor
R6	97 (LHD) 103 (RHD)	Interruptor de la luz antiniebla trasera
R7	97 (LHD) 103 (RHD)	Interruptor del espejo retrovisor de control remoto
R8	103 (RHD)	Interruptor de reóstato
R9	99 (LHD) 105 (RHD)	Interruptor de control del A/C trasero
R10	99 (LHD) 105 (RHD)	Servomotor de control de mezcla de aire trasero
R11	99 (LHD) 105 (RHD)	Servomotor de control del modo de ventilación de aire trasero
R12	99 (LHD) 105 (RHD)	Motor del soplador trasero
R13	99 (LHD) 105 (RHD)	Resistor del soplador trasero
R14	99 (LHD) 105 (RHD)	Luz de combinación trasera izquierda
R15	99 (LHD) 105 (RHD)	
R16	99 (LHD) 105 (RHD)	Luz de combinación trasera derecha
R17	99 (LHD) 105 (RHD)	
R18	99 (LHD) 105 (RHD)	Interruptor de control del enfriador trasero
R19	99 (LHD) 105 (RHD)	Transistor de potencia del calefactor trasero
R20	99 (LHD) 105 (RHD)	Altavoz trasero izquierdo
R21	99 (LHD) 105 (RHD)	Altavoz trasero derecho
R22	99 (LHD) 105 (RHD)	Desempañador de la ventanilla trasera
R23	99 (LHD) 105 (RHD)	
R24	99 (LHD) 105 (RHD)	Motor y relé del limpiador trasero
R25	99 (LHD) 105 (RHD)	Espejo retrovisor de control remoto izquierdo
R26	99 (LHD) 105 (RHD)	Espejo retrovisor de control remoto derecho
S1	95 (LHD) 101 (RHD)	Sensor de velocidad (medidor de combinación)
S2	95 (LHD) 101 (RHD)	Arrancador
S3	95 (LHD) 101 (RHD)	
S4	97 (LHD)	Interruptor del calefactor del asiento (asiento del conductor)
S5	97 (LHD)	Interruptor del calefactor del asiento (asiento del pasajero delantero)
S6	97 (LHD) 103 (RHD)	Interruptor de la luz de parada
S7	99 (LHD)	Calefactor del asiento (asiento del conductor)
S8	99 (LHD)	Calefactor del asiento (asiento del pasajero delantero)
S9	99 (LHD) 105 (RHD)	Interruptor de cortesía de la puerta corrediza izquierda
S10	99 (LHD) 105 (RHD)	Interruptor de cortesía de la puerta corrediza derecha
S11	99 (LHD) 105 (RHD)	Interruptor de enlace de la puerta corrediza izquierda
S12	99 (LHD) 105 (RHD)	
S13	99 (LHD) 105 (RHD)	Interruptor de enlace de la puerta corrediza derecha
S14	99 (LHD) 105 (RHD)	
S15	105 (RHD)	Motor e interruptor de bloqueo de la puerta corrediza izquierda
S16	105 (RHD)	Motor e interruptor de bloqueo de la puerta corrediza derecha
S17	99 (LHD) 105 (RHD)	Motor de bloqueo de la puerta corrediza izquierda
S18	99 (LHD) 105 (RHD)	Motor de bloqueo de la puerta corrediza derecha
T1	95 (LHD) 101 (RHD)	Sensor de posición del acelerador
T2	95 (LHD) 101 (RHD)	Sensor de velocidad de la turbina
T3	95 (LHD) 101 (RHD)	Luz de la señal de giro frontal izquierda
T4	95 (LHD) 101 (RHD)	Luz de la señal de giro frontal derecha
T5	97 (LHD) 103 (RHD)	Luz trasera

Código	Vea la página	Nombre de las partes
T6	97 (LHD)	Luz trasera
	103 (RHD)	
T7	97 (LHD)	
	103 (RHD)	
T8	97 (LHD)	Amplificador de la llave de transmisor
	103 (RHD)	
T9	99 (LHD)	Luz de la señal de giro trasera izquierda
	105 (RHD)	
T10	99 (LHD)	Luz de la señal de giro trasera derecha
	105 (RHD)	
T11	99 (LHD)	Altavoz de agudos izquierdo
	105 (RHD)	
T12	99 (LHD)	Altavoz de agudos derecho
	105 (RHD)	
U1	97 (LHD)	Interruptor de advertencia de desbloqueo
	103 (RHD)	

Código	Vea la página	Nombre de las partes
V1	95 (LHD)	VSV (EVAP)
	101 (RHD)	
V2	99 (LHD)	Luz del espejo interior izquierda
	105 (RHD)	
V3	99 (LHD)	Luz del espejo interior derecho
	105 (RHD)	
W1	95 (LHD)	Motor del lavador
	101 (RHD)	
W2	95 (LHD)	Interruptor de la temperatura del agua
	101 (RHD)	
W3	103 (RHD)	Sensor de la temperatura del agua
W4	99 (LHD)	Receptor del control de bloqueo de la puerta inalámbrico
	105 (RHD)	

L STECKERINFORMATION

Code	siehe Seite	Teile-Benennung
A1	94 (LHD) 100 (RHD)	A/C-Kondensatorlüftermotor
A2	94 (LHD) 100 (RHD)	A/C-Magnetkupplung und Blockiersensor
A3	94 (LHD) 100 (RHD)	A/C-Dreifachdruckschalter (A/C-Doppel- und Einfachdruckschalter)
A4	94 (LHD) 100 (RHD)	ABS-Stellglied
A5	94 (LHD) 100 (RHD)	
A6	94 (LHD) 100 (RHD)	ABS-Raddrehzahlsensor, vorne, links
A7	94 (LHD) 100 (RHD)	ABS-Raddrehzahlsensor, vorne, rechts
A8	94 (LHD) 100 (RHD)	Luftmengenmesser
A9	94 (LHD) 100 (RHD)	Luft/Kraftstoff-Verhältnisregelungssensor (Zylinderreihe 1, Sensor 1)
A10	94 (LHD) 100 (RHD)	Luft/Kraftstoff-Verhältnisregelungssensor (Zylinderreihe 2, Sensor 1)
A11	94 (LHD) 100 (RHD)	Generator
A12	94 (LHD) 100 (RHD)	
A13	94 (LHD) 100 (RHD)	Außentemperatursensor
A14	96 (LHD) 102 (RHD)	A/C-Verstärker
A15	102 (RHD)	
A16		
A17		
A18	102 (RHD)	A/C-Innentemperatursensor
A19	102 (RHD)	A/C-Sonnensensor
A20	96 (LHD) 102 (RHD)	ABS-ECU
A21	96 (LHD) 102 (RHD)	
A22	96 (LHD) 102 (RHD)	Luftzufuhrservomotor
A23	96 (LHD) 102 (RHD)	Airbag-Zündladung (Beifahrerairbag)
A24	96 (LHD) 102 (RHD)	Airbag-Zündladung (Lenkradpolster)
A25	96 (LHD) 102 (RHD)	Aschenbecherbeleuchtung
A26	102 (RHD)	Sensor für automatische Lichtregelung

Code	siehe Seite	Teile-Benennung
A27	98 (LHD) 104 (RHD)	ABS-Raddrehzahlsensor, hinten, links
A28	98 (LHD) 104 (RHD)	ABS-Raddrehzahlsensor, hinten, rechts
B1	94 (LHD) 100 (RHD)	Rückfahrscheinwerferschalter
B2	94 (LHD) 100 (RHD)	Bremsflüssigkeitswarnschalter
B3	102 (RHD)	Gebläsemotorsteuergerät
B4	98 (LHD) 104 (RHD)	Heckklappenleuchtenschalter
B5	98 (LHD) 104 (RHD)	Heckklappenverriegelungsmotor
B6	104 (RHD)	Gurtschloßschalter
C1	94 (LHD) 100 (RHD)	Nockenwellenpositionssensor
C2	94 (LHD) 100 (RHD)	Nockenwellenzündzeitpunkt-Olsteuerventil
C3	94 (LHD) 100 (RHD)	Sensor zur Zählergetriebegeschwindigkeit
C4	94 (LHD) 100 (RHD)	Kurbelwellenpositionssensor
C5	94 (LHD) 100 (RHD)	Geschwindigkeitskonstanthalter-Stellglied
C6	96 (LHD) 102 (RHD)	
C7	96 (LHD) 102 (RHD)	mittlerer Airbagsensor
C8	96 (LHD) 102 (RHD)	
C9	96 (LHD) 102 (RHD)	Zigarettenanzünder
C10	96 (LHD) 102 (RHD)	Uhr
C11	96 (LHD) 102 (RHD)	Kombiinstrument
C12	96 (LHD) 102 (RHD)	
C13	96 (LHD) 102 (RHD)	Kombischalter
C14	96 (LHD) 102 (RHD)	
C15	96 (LHD) 102 (RHD)	

Code	Siehe Seite	Teile-Benennung
C16	96 (LHD) 102 (RHD)	Geschwindigkeitskonstanthalter-Kupplungsschalter
C17	96 (LHD) 102 (RHD)	Geschwindigkeitskonstanthalter-ECU
C18	98 (LHD) 104 (RHD)	Kondensator (hintere A/C)
D1	96 (LHD)	Tagesfahrleuchtenrelais
D2	96 (LHD) 102 (RHD)	Diode (A/C Nr.1)
D3	96 (LHD) 102 (RHD)	Diode (A/C Nr.2)
D4	96 (LHD) 102 (RHD)	Diode (Türleuchte Nr.1)
D5	96 (LHD) 102 (RHD)	Diode (Türleuchte Nr.2)
D6	96 (LHD) 102 (RHD)	Diode (Schnelleerlauf)
D7	96 (LHD) 102 (RHD)	Diode (elektrisch einstellbarer Außenspiegel)
D8	96 (LHD) 102 (RHD)	DLC3
D9	98 (LHD) 104 (RHD)	Türleuchte, vorne, links
D10	98 (LHD) 104 (RHD)	Türleuchte, vorne, rechts
D11	98 (LHD) 104 (RHD)	Türleuchtenschalter, vorne, links
D12	98 (LHD) 104 (RHD)	Türleuchtenschalter, vorne, rechts
D13	98 (LHD)	Türverriegelungsmotor und Türentriegelungsschalter, vorne, links
D14	104 (RHD)	Türverriegelungsmotor und Türentriegelungsschalter, vorne, rechts
D15	104 (RHD)	Türverriegelungsmotor und -Schalter, vorn links
D16	104 (RHD)	Türverriegelungsmotor und -Schalter, vorn rechts
D17	104 (RHD)	Türverriegelungsmotor, vorne, links
D18	98 (LHD)	Türverriegelungsmotor, vorne, rechts
D19	98 (LHD) 104 (RHD)	Türlautsprecher, vorne, links
D20	98 (LHD) 104 (RHD)	Türlautsprecher, vorne, rechts
E1	94 (LHD) 100 (RHD)	ECT-Magnet
E2	94 (LHD) 100 (RHD)	EFI-Kühlmitteltemperatursensor

Code	siehe Seite	Teile-Benennung
E3	94 (LHD) 100 (RHD)	Motorölstandsensor
E4	96 (LHD) 102 (RHD)	Motor- und ECT-ECU (A/T) oder Motor-ECU (M/T)
E5	96 (LHD) 102 (RHD)	Motor- und ECT-ECU (A/T) oder Motor-ECU (M/T)
E6	96 (LHD) 102 (RHD)	
E7	96 (LHD) 102 (RHD)	
E8	96 (LHD) 102 (RHD)	
F1	94 (LHD) 100 (RHD)	vorderer Airbagsensor, links
F2	94 (LHD) 100 (RHD)	vorderer Airbagsensor, rechts
F3	94 (LHD) 100 (RHD)	vordere Begrenzungsleuchte, links
F4	94 (LHD) 100 (RHD)	vordere Begrenzungsleuchte, rechts
F5	94 (LHD) 100 (RHD)	Nebelscheinwerfer, links
F6	94 (LHD) 100 (RHD)	Nebelscheinwerfer, rechts
F7	94 (LHD) 100 (RHD)	seitliche Blinkleuchte, links
F8	94 (LHD) 100 (RHD)	seitliche Blinkleuchte, rechts
F9	94 (LHD) 100 (RHD)	Windschutzscheibenwischermotor
F10	96 (LHD) 102 (RHD)	vorderer A/C-Steuerungsschalter
F11	96 (LHD) 102 (RHD)	vorderer Luftmischstellmotor
F12	96 (LHD) 102 (RHD)	vorderer Belüftungssteuerungsservomotor
F13	96 (LHD) 102 (RHD)	vorderer Gebläsemotor
F14	96 (LHD) 102 (RHD)	vorderer Gebläsewiderstand
F15	96 (LHD) 102 (RHD)	vorderer Gebläseschalter
F16	96 (LHD) 102 (RHD)	vorderer Thermistor

L STECKERINFORMATION

Code	siehe Seite	Teile-Benennung
F17	98 (LHD) 104 (RHD)	Kraftstoffpumpe und Standgeber
H1	94 (LHD) 100 (RHD)	Leuchtweitenstellglied, links
H2	94 (LHD) 100 (RHD)	Leuchtweitenstellglied, rechts
H3	94 (LHD)	Scheinwerferwaschermotor
H4	94 (LHD)	Scheinwerferwascherrelais
H5	94 (LHD) 100 (RHD)	Scheinwerfer, links (Fern- und Abblendlicht)
H6	100 (RHD)	Scheinwerfer, links (Fern)
H7	94 (LHD) 100 (RHD)	Scheinwerfer, rechts (Fern- und Abblendlicht)
H8	100 (RHD)	Scheinwerfer, rechts (Fern)
H9	100 (RHD)	beheizte Lambdasonde (Zylinderreihe 1, Sensor 1)
H10	100 (RHD)	beheizte Lambdasonde (Zylinderreihe 2, Sensor 1)
H11	94 (LHD) 100 (RHD)	Hupe (hoch)
H12	94 (LHD) 100 (RHD)	Hupe (tief)
H13	96 (LHD) 102 (RHD)	Warnblinkschalter
H14	96 (LHD) 102 (RHD)	Leuchtweitenstellschalter
H15	96 (LHD) 102 (RHD)	Heizungsverstärker
H16	96 (LHD) 102 (RHD)	
H17	96 (LHD) 102 (RHD)	
H18	98 (LHD) 104 (RHD)	Zusatzbremsleuchte
H19	94 (LHD) 100 (RHD)	beheizte Lambdasonde (Zylinderreihe 1, Sensor 2)
H20	94 (LHD) 100 (RHD)	beheizte Lambdasonde (Zylinderreihe 2, Sensor 2)
I1	95 (LHD) 101 (RHD)	Zündspule und Schaltgerät Nr.1
I2	95 (LHD) 101 (RHD)	Zündspule und Schaltgerät Nr.2
I3	95 (LHD) 101 (RHD)	Zündspule und Schaltgerät Nr.3
I4	95 (LHD) 101 (RHD)	Zündspule und Schaltgerät Nr.4
I5	95 (LHD) 101 (RHD)	Einspritzventil Nr.1

Code	siehe Seite	Teile-Benennung
I6	95 (LHD) 101 (RHD)	Einspritzventil Nr.2
I7	95 (LHD) 101 (RHD)	Einspritzventil Nr.3
I8	95 (LHD) 101 (RHD)	Einspritzventil Nr.4
I9	95 (LHD) 101 (RHD)	ISC-Ventil
I10	97 (LHD) 103 (RHD)	Zündschloßleuchte
I11	97 (LHD) 103 (RHD)	Zündschalter
I12	98 (LHD) 104 (RHD)	Innenleuchte, vorn links
I13	98 (LHD) 104 (RHD)	Innenleuchte, vorn rechts
I14	98 (LHD) 104 (RHD)	Innenleuchte, hinten, links
I15	98 (LHD) 104 (RHD)	Innenleuchte, hinten, rechts
J1	95 (LHD) 101 (RHD)	
J2	95 (LHD) 101 (RHD)	
J3	97 (LHD) 103 (RHD)	
J4	97 (LHD) 103 (RHD)	
J5	97 (LHD) 103 (RHD)	
J6	97 (LHD) 103 (RHD)	
J7	97 (LHD) 103 (RHD)	Kabelstecker
J8	97 (LHD) 103 (RHD)	
J9	97 (LHD) 103 (RHD)	
J10	97 (LHD) 103 (RHD)	
J11	97 (LHD) 103 (RHD)	
J12	97 (LHD) 103 (RHD)	
J13	97 (LHD) 103 (RHD)	

Code	Siehe Seite	Teile-Benennung
J14	97 (LHD)	Kabelstecker
	103 (RHD)	
J15	97 (LHD)	
	103 (RHD)	
J16	97 (LHD)	
	103 (RHD)	
J17	97 (LHD)	
	103 (RHD)	
J18	97 (LHD)	
	103 (RHD)	
J19	97 (LHD)	
	103 (RHD)	
J20	103 (RHD)	
J21		
J22	98 (LHD)	
	104 (RHD)	
J23	98 (LHD)	
	104 (RHD)	
J24	98 (LHD)	
	104 (RHD)	
J25	98 (LHD)	
	104 (RHD)	
J26	98 (LHD)	
	104 (RHD)	
J27	98 (LHD)	
	104 (RHD)	
J28	98 (LHD)	
	104 (RHD)	
J29	98 (LHD)	
	104 (RHD)	
K1	95 (LHD)	Klopfsensor
	101 (RHD)	
K2	97 (LHD)	Kickdownschalter
L1	98 (LHD)	Kennzeichenleuchte, links
	104 (RHD)	
L2	98 (LHD)	Kennzeichenleuchte, rechts
	104 (RHD)	
L3	98 (LHD)	Gepäckraumleuchte
	104 (RHD)	
M1	97 (LHD)	Multiplex-Netzwerkkarosserie-ECU
	103 (RHD)	
M2	97 (LHD)	
	103 (RHD)	
M3	98 (LHD)	Multiplex-Netzwerkhauptschalter
	104 (RHD)	
M4	98 (LHD)	Monddachmotor und Endschalter
	104 (RHD)	

Code	siehe Seite	Teile-Benennung
M5	98 (LHD)	Monddachschalter
	104 (RHD)	
N1	95 (LHD)	Neutralstartschalter
	101 (RHD)	
N2	95 (LHD)	Störschutzfilter (Zündung)
	101 (RHD)	
O1	95 (LHD)	Oldruckschalter
	101 (RHD)	
O2	97 (LHD)	O/D-Hauptschalter
	103 (RHD)	
P1	95 (LHD)	Servolenkungsöldruckschalter
	101 (RHD)	
P2	97 (LHD)	Handbremsschalter
	103 (RHD)	
P3	97 (LHD)	Leistungsheizungsschalter
	103 (RHD)	
P4	97 (LHD)	PTC-Heizung
	103 (RHD)	
P5	99 (LHD)	Leseleuchte
	105 (RHD)	
P6	99 (LHD)	Strombuchse
	105 (RHD)	
P7	105 (RHD)	Fensterheberschalter, vorne, links
P8	99 (LHD)	Fensterheberschalter, vorne, rechts
P9	99 (LHD)	Fensterheberschalter, hinten, links
	105 (RHD)	
P10	99 (LHD)	Fensterheberschalter, hinten, rechts
	105 (RHD)	
P11	99 (LHD)	Fensterhebermotor, vorne, links
P12	99 (LHD)	Fensterhebermotor, vorne, rechts
	105 (RHD)	
P13	99 (LHD)	Fensterhebermotor, hinten, links
	105 (RHD)	
P14	99 (LHD)	Fensterhebermotor, hinten, rechts
	105 (RHD)	
P15	99 (LHD)	Straffer, links
	105 (RHD)	
P16	99 (LHD)	Straffer, rechts
	105 (RHD)	
R1	95 (LHD)	Lüftermotor
	101 (RHD)	
R2	97 (LHD)	Radio und Cassettenspieler
	103 (RHD)	
R3	97 (LHD)	
	103 (RHD)	
R4	97 (LHD)	
	103 (RHD)	

L STECKERINFORMATION

Code	siehe Seite	Teile-Benennung
R5	97 (LHD)	Radio und Cassettenspieler
	103 (RHD)	
R6	97 (LHD)	Nebelschlußleuchtenschalter
	103 (RHD)	
R7	97 (LHD)	Außenspiegelschalter
	103 (RHD)	
R8	103 (RHD)	Widerstandschalter
R9	99 (LHD)	Schalter, hintere A/C
	105 (RHD)	
R10	99 (LHD)	hinterer Luftmischstellmotor
	105 (RHD)	
R11	99 (LHD)	hinterer Belüftungsservomotor
	105 (RHD)	
R12	99 (LHD)	Gebläsemotor, hinten
	105 (RHD)	
R13	99 (LHD)	Gebläsewiderstand, hinten
	105 (RHD)	
R14	99 (LHD)	hintere Kombileuchte, links
	105 (RHD)	
R15	99 (LHD)	
	105 (RHD)	
R16	99 (LHD)	hintere Kombileuchte, rechts
	105 (RHD)	
R17	99 (LHD)	
	105 (RHD)	
R18	99 (LHD)	hinterer Klimaanalgensteuerungsschalter
	105 (RHD)	
R19	99 (LHD)	hinterer Heizungs-Leistungstransistor
	105 (RHD)	
R20	99 (LHD)	Hecklautsprecher, links
	105 (RHD)	
R21	99 (LHD)	Hecklautsprecher, rechts
	105 (RHD)	
R22	99 (LHD)	Heckscheibenheizung
	105 (RHD)	
R23	99 (LHD)	
	105 (RHD)	
R24	99 (LHD)	Heckscheibenwischerrelais und -Motor
	105 (RHD)	
R25	99 (LHD)	elektrisch einstellbarer Außenspiegel, links
	105 (RHD)	
R26	99 (LHD)	elektrisch einstellbarer Außenspiegel, rechts
	105 (RHD)	
S1	95 (LHD)	Geschwindigkeitssensor (Kombiinstrument)
	101 (RHD)	

Code	siehe Seite	Teile-Benennung
S2	95 (LHD)	Anlasser
	101 (RHD)	
S3	95 (LHD)	
	101 (RHD)	
S4	97 (LHD)	Sitzheizungsschalter (Fahrersitz)
S5	97 (LHD)	Sitzheizungsschalter (Beifahrersitz)
S6	97 (LHD)	Bremsleuchtenschalter
	103 (RHD)	
S7	99 (LHD)	Sitzheizung (Fahrersitz)
S8	99 (LHD)	Sitzheizung (Beifahrersitz)
S9	99 (LHD)	Schiebetürleuchtenschalter, links
	105 (RHD)	
S10	99 (LHD)	Schiebetürleuchtenschalter, rechts
	105 (RHD)	
S11	99 (LHD)	Schiebetürschalter, links
	105 (RHD)	
S12	99 (LHD)	
	105 (RHD)	
S13	99 (LHD)	Schiebetürschalter, rechts
	105 (RHD)	
S14	99 (LHD)	
	105 (RHD)	
S15	105 (RHD)	Schiebetürverriegelungsmotor und -Schalter, links
S16	105 (RHD)	Schiebetürverriegelungsmotor und -Schalter, rechts
S17	99 (LHD)	Schiebetürverriegelungsmotor, links
	105 (RHD)	
S18	99 (LHD)	Schiebetürverriegelungsmotor, rechts
	105 (RHD)	
T1	95 (LHD)	Drosselklappenpositionssensor
	101 (RHD)	
T2	95 (LHD)	Turbinegeschwindigkeitssensor
	101 (RHD)	
T3	95 (LHD)	Blinkleuchte, vorn links
	101 (RHD)	
T4	95 (LHD)	Blinkleuchte, vorn rechts
	101 (RHD)	
T5	97 (LHD)	Warnleuchte
	103 (RHD)	
T6	97 (LHD)	
	103 (RHD)	
T7	97 (LHD)	
	103 (RHD)	

Code	Siehe Seite	Teile-Benennung
T8	97 (LHD) 103 (RHD)	Transpondertastenverstärker
T9	99 (LHD) 105 (RHD)	Blinkleuchte, hinten links
T10	99 (LHD) 105 (RHD)	Blinkleuchte, hinten rechts
T11	99 (LHD) 105 (RHD)	Hochtonlautsprecher, links
T12	99 (LHD) 105 (RHD)	Hochtonlautsprecher, rechts
U1	97 (LHD) 103 (RHD)	Entriegelungswarnschalter
V1	95 (LHD) 101 (RHD)	VSV (EVAP)

Code	siehe Seite	Teile-Benennung
V2	99 (LHD) 105 (RHD)	Make-Up-Leuchte, links
V3	99 (LHD) 105 (RHD)	Make-Up-Leuchte, rechts
W1	95 (LHD) 101 (RHD)	Waschermotor
W2	95 (LHD) 101 (RHD)	Kühlmitteltemperaturschalter
W3	103 (RHD)	Kühlmitteltemperatursensor
W4	99 (LHD) 105 (RHD)	Türverriegelungsfernbedienungsempfänger

M PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Condenser Fan Motor	90980-10928
A 2	A/C Magnetic Clutch and Lock Sensor	90980-11016
A 3	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	90980-10943
A 4	ABS Actuator	90980-11413
A 5	ABS Actuator	90980-10891
A 6	ABS Speed Sensor Front LH	90980-11003
A 7	ABS Speed Sensor Front RH	
A 8	Air Flow Meter	90980-11317
A 9	Air Fuel Ratio Sensor (Bank 1 Sensor 1)	90980-11178
A10	Air Fuel Ratio Sensor (Bank 2 Sensor 1)	90980-10869
A11	Alternator	90980-11964
A12	Alternator	90980-09212
A13	Ambient Temp. Sensor	90980-11070
A14	A/C Amplifier	90980-10819
A15	A/C Amplifier	90980-11877
A16	A/C Amplifier	90980-11973
A17	A/C Amplifier	90980-11974
A18	A/C Room Temp. Sensor	90980-11918
A19	A/C Solar Sensor	
A20	ABS ECU	90980-11424
A21	ABS ECU	90980-11390
A22	Air Inlet Control Servo Motor	90980-11909
A23	Airbag Squib (Front Passenger Airbag Assembly)	90980-11884
A24	Airbag Squib (Steering Wheel Pad)	
A25	Ashtray Illumination	90980-10355
A26	Automatic Light Control Sensor	90980-11107
A27	ABS Speed Sensor Rear LH	90980-10905
A28	ABS Speed Sensor Rear RH	
B 1	Back-Up Light SW	90980-11250
B 2	Brake Fluid Level Warning SW	90980-11207
B 3	Blower Motor Controller	90980-11676
B 4	Back Door Courtesy SW	90980-10859
B 5	Back Door Lock Motor	90980-11150
B 6	Buckle SW	90980-10825
C 1	Camshaft Position Sensor	90980-10947
C 2	Camshaft Timing Oil Control Valve	90980-11162
C 3	Counter Gear Speed Sensor	90980-11156
C 4	Crankshaft Position Sensor	90980-10947
C 5	Cruise Control Actuator	90980-12057
C 6	Center Airbag Sensor Assembly	90980-11869
C 7	Center Airbag Sensor Assembly	90980-11872
C 8	Center Airbag Sensor Assembly	90980-11867
C 9	Cigarette Lighter	90980-10760
C10	Clock	90980-10789

Code	Part Name	Part Number
C11	Combination Meter	90980-11913
C12	Combination Meter	90980-11915
C13	Combination SW (Except Australia)	90980-11672
	Combination SW (Australia)	90980-11671
C14	Combination SW	90980-11594
C15	Combination SW	90980-11986
C16	Cruise Control Clutch SW	90980-10906
C17	Cruise Control ECU	90980-12094
C18	Condenser (Rear A/C)	90980-10825
D 1	Daytime Running Light Relay	90980-10807
D 2	Diode (A/C No.1)	90980-11251
D 3	Diode (A/C No.2)	90980-10962
D 4	Diode (Door Courtesy No.1)	90980-11251
D 5	Diode (Door Courtesy No.2)	90980-10962
D 6	Diode (Idle-Up)	90980-11071
D 7	Diode (Remote Control Mirror)	90980-10962
D 8	DLC3	90980-11665
D 9	Door Courtesy Light Front LH	90980-11148
D10	Door Courtesy Light Front RH	
D11	Door Courtesy SW Front LH	90980-10871
D12	Door Courtesy SW Front RH	
D13	Door Lock Motor and Door Unlock Detection SW Front LH	90980-12057
D14	Door Lock Motor and Door Unlock Detection SW Front RH	
D15	Door Lock Motor and SW Front LH	90980-10799
D16	Door Lock Motor and SW Front RH	
D17	Door Lock Motor Front LH	90980-11019
D18	Door Lock Motor Front RH	
D19	Door Speaker Front LH	90980-10935
D20	Door Speaker Front RH	
E 1	ECT Solenoid	90980-11658
E 2	EFI Water Temp. Sensor	90980-10737
E 3	Engine Oil Level Sensor	90980-10532
E 4	Engine and ECT ECU (A/T) or Engine ECU (M/T)	90980-11638
E 5	Engine and ECT ECU (A/T) or Engine ECU (M/T)	90980-11637
E 6	Engine and ECT ECU (A/T) or Engine ECU (M/T)	90980-11586
E 7	Engine and ECT ECU (A/T) or Engine ECU (M/T)	90980-11476
E 8	Engine and ECT ECU (A/T) or Engine ECU (M/T)	90980-11421
F 1	Front Airbag Sensor LH	90980-11856
F 2	Front Airbag Sensor RH	

Note: Not all of the above part numbers of the connector are established for the supply.

Nota: Toutes les références du connecteur ne sont pas définies pour la fourniture.

Code	Part Name	Part Number
F 3	Front Clearance Light LH	90980-11156
F 4	Front Clearance Light RH	
F 5	Front Fog Light LH	90980-11660
F 6	Front Fog Light RH	
F 7	Front Side Turn Signal Light LH	90980-11162
F 8	Front Side Turn Signal Light RH	
F 9	Front Wiper Motor	90980-11599
F10	Front A/C Control SW	90980-11469
F11	Front Air Mix Control Servo Motor	90980-11909
F12	Front Air Vent Mode Control Servo Motor	
F13	Front Blower Motor	90980-10385
F14	Front Blower Resistor	90980-10976
F15	Front Blower SW	90980-10877
F16	Front Thermistor	90980-11918
F17	Fuel Pump and Sender	90980-11077
H 1	Headlight Beam Level Control Actuator LH	90980-11016
H 2	Headlight Beam Level Control Actuator RH	
H 3	Headlight Cleaner Motor	90980-11410
H 4	Headlight Cleaner Relay	90980-10939
H 5	Headlight LH (High and Low)	90980-10428
H 6	Headlight LH (High)	90980-11659
H 7	Headlight RH (High and Low)	90980-10428
H 8	Headlight RH (High)	90980-11659
H 9	Heated Oxygen Sensor (Bank 1 Sensor 1)	90980-11028
H10	Heated Oxygen Sensor (Bank 2 Sensor 1)	90980-10869
H11	Horn (High)	90980-10619
H12	Horn (Low)	
H13	Hazard SW	90980-10801
H14	Headlight Beam Level Control SW	90980-10996
H15	Heater Amplifier	90980-11911
H16	Heater Amplifier	90980-11913
H17	Heater Amplifier	90980-11915
H18	High Mounted Stop Light	90980-11159
H19	Heated Oxygen Sensor (Bank 1 Sensor 2)	90980-11028
H20	Heated Oxygen Sensor (Bank 2 Sensor 2)	
I 1	Ignition Coil and Igniter No.1	90980-11885
I 2	Ignition Coil and Igniter No.2	
I 3	Ignition Coil and Igniter No.3	
I 4	Ignition Coil and Igniter No.4	
I 5	Injector No.1	90980-11875
I 6	Injector No.2	
I 7	Injector No.3	
I 8	Injector No.4	
I 9	ISC Valve	90980-11145
I10	Ignition Key Cylinder Light	90980-10906

Code	Part Name	Part Number
I11	Ignition SW	90980-11778
I12	Interior Light Front LH	90980-10908
I13	Interior Light Front RH	90980-11107
I14	Interior Light Rear LH	90980-10908
I15	Interior Light Rear RH	
J 1	Junction Connector	90980-10891
J 2	Junction Connector	
J 3	Junction Connector	90980-11542
J 4	Junction Connector	90980-11398
J 5	Junction Connector	90980-11661
J 6	Junction Connector	
J 7	Junction Connector	
J 8	Junction Connector	
J 9	Junction Connector	
J10	Junction Connector	
J11	Junction Connector	
J12	Junction Connector	
J13	Junction Connector	90980-10803
J14	Junction Connector	90980-11661
J15	Junction Connector	
J16	Junction Connector	
J17	Junction Connector	90980-10803
J18	Junction Connector	
J19	Junction Connector	
J20	Junction Connector	90980-11915
J21	Junction Connector	
J22	Junction Connector	90980-10803
J23	Junction Connector	90980-11661
J24	Junction Connector	
J25	Junction Connector	90980-10803
J26	Junction Connector	90980-11661
J27	Junction Connector	90980-12090
J28	Junction Connector	90980-11542
J29	Junction Connector	
K 1	Knock Sensor	90980-11166
K 2	Kick Down SW	90980-11156
L 1	License Plate Light LH	90980-11148
L 2	License Plate Light RH	
L 3	Luggage Compartment Light	90980-10121
M 1	Multiplex Network Body ECU	90980-10801
M 2	Multiplex Network Body ECU	90980-11915
M 3	Multiplex Network Master SW	90980-11469
M 4	Moon Roof Control Motor and Limit SW	90980-10997
M 5	Moon Roof Control SW	90980-10797
N 1	Neutral Start SW	90980-11784

Nota : No todos los números de las partes del conector indicados arriba están dispuestos para el suministro.

Anmerkung: Nicht alle der obenerwähnten Teile-Nummern der Stecker werden für die Lieferung etabliert.

M PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
N 2	Noise Filter (Ignition)	90980-10843
O 1	Oil Pressure SW	90980-11363
O 2	O/D Main SW	90980-10825
P 1	Power Steering Oil Pressure SW	90980-11428
P 2	Parking Brake SW	90980-10871
P 3	Power Heater SW	90980-11013
P 4	PTC Heater	90980-10956
P 5	Personal Light	90980-10365
P 6	Power Outlet	90980-10859
P 7	Power Window Control SW Front LH	90980-10789
P 8	Power Window Control SW Front RH	
P 9	Power Window Control SW Rear LH	90980-10631
P10	Power Window Control SW Rear RH	
P11	Power Window Motor Front LH (LHD)	90980-11011
	Power Window Motor Front LH (RHD)	90980-10860
P12	Power Window Motor Front RH (LHD)	
	Power Window Motor Front RH (RHD)	90980-11011
P13	Power Window Motor Rear LH	90980-10860
P14	Power Window Motor Rear RH	
P15	Pretensioner LH	90980-11862
P16	Pretensioner RH	
R 1	Radiator Fan Motor	90980-10928
R 2	Radio and Player	90980-10997
R 3	Radio and Player	90980-10996
R 4	Radio and Player	90980-10819
R 5	Radio and Player	90980-10803
R 6	Rear Fog Light SW	90980-11165
R 7	Remote Control Mirror SW	90980-11657
R 8	Rheostat SW	90980-10797
R 9	Rear A/C Control SW	90980-11923
R10	Rear Air Mix Control Servo Motor	90980-11921
R11	Rear Air Vent Mode Control Servo Motor	90980-12091
R12	Rear Blower Motor	90980-10214
R13	Rear Blower Resistor	90980-11136
R14	Rear Combination Light LH	90980-10908
R15	Rear Combination Light LH	90980-10795
R16	Rear Combination Light RH	90980-10908
R17	Rear Combination Light RH	90980-10795
R18	Rear Cooler Control SW	90980-10976
R19	Rear Heater Power Transistor	90980-11136
R20	Rear Speaker LH	90980-10935
R21	Rear Speaker RH	
R22	Rear Window Defogger	
R23	Rear Window Defogger	
R24	Rear Wiper Relay and Motor	90980-11296

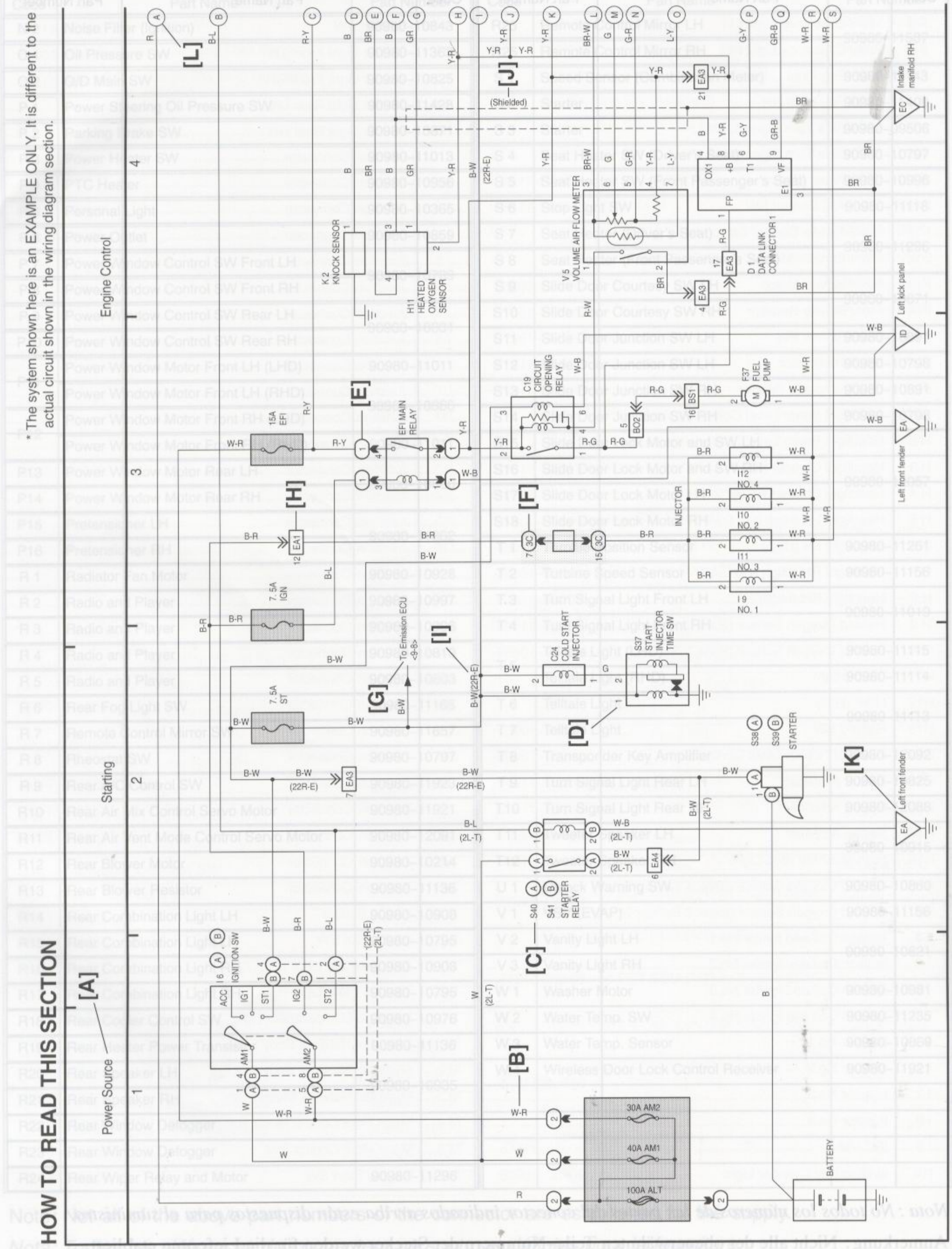
Code	Part Name	Part Number
R25	Remote Control Mirror LH	90980-11587
R26	Remote Control Mirror RH	
S 1	Speed Sensor (Combination Meter)	90980-11143
S 2	Starter	90980-11400
S 3	Starter	90980-09506
S 4	Seat Heater SW (Driver's Seat)	90980-10797
S 5	Seat Heater SW (Front Passenger's Seat)	90980-10996
S 6	Stop Light SW	90980-11118
S 7	Seat Heater (Driver's Seat)	90980-11296
S 8	Seat Heater (Front Passenger's Seat)	
S 9	Slide Door Courtesy SW LH	90980-10871
S10	Slide Door Courtesy SW RH	
S11	Slide Door Junction SW LH	90980-10891
S12	Slide Door Junction SW LH	90980-10798
S13	Slide Door Junction SW RH	90980-10891
S14	Slide Door Junction SW RH	90980-10798
S15	Slide Door Lock Motor and SW LH	90980-12057
S16	Slide Door Lock Motor and SW RH	
S17	Slide Door Lock Motor LH	
S18	Slide Door Lock Motor RH	
T 1	Throttle Position Sensor	90980-11261
T 2	Turbine Speed Sensor	90980-11156
T 3	Turn Signal Light Front LH	90980-11019
T 4	Turn Signal Light Front RH	
T 5	Telltale Light (LHD)	90980-11115
	Telltale Light (RHD)	90980-11114
T 6	Telltale Light	90980-11113
T 7	Telltale Light	
T 8	Transponder Key Amplifier	90980-12092
T 9	Turn Signal Light Rear LH	90980-10825
T10	Turn Signal Light Rear RH	90980-12088
T11	Tweeter Speaker LH	90980-10915
T12	Tweeter Speaker RH	
U 1	Unlock Warning SW	90980-10860
V 1	VSV (EVAP)	90980-11156
V 2	Vanity Light LH	90980-10621
V 3	Vanity Light RH	
W 1	Washer Motor	90980-10981
W 2	Water Temp. SW	90980-11235
W 3	Water Temp. Sensor	90980-10860
W 4	Wireless Door Lock Control Receiver	90980-11921

Note: Not all of the above part numbers of the connector are established for the supply.

Nota: Toutes les références du connecteur ne sont pas définies pour la fourniture.

Code	Part Name	Part Number	Code	Part Name	Part Number

N OVERALL ELECTRICAL WIRING DIAGRAM



[A] : System Title

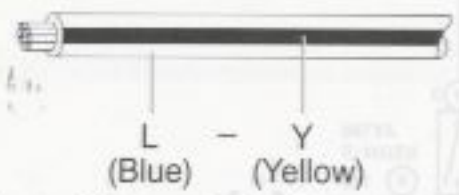
[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B = Black	W = White	BR = Brown
L = Blue	V = Violet	SB = Sky Blue
R = Red	G = Green	LG = Light Green
P = Pink	Y = Yellow	GR = Gray
O = Orange		

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

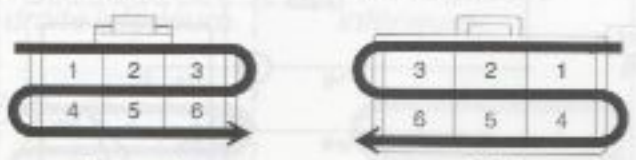
Example: L – Y



[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector.
The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right — Numbered in order from upper right to lower left



Female — Male

The numbering system for the overall wiring diagram is the same as above.

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: (1) Indicates Relay Block No.1

[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it).
Junction Blocks are shaded to clearly separate them from other parts.

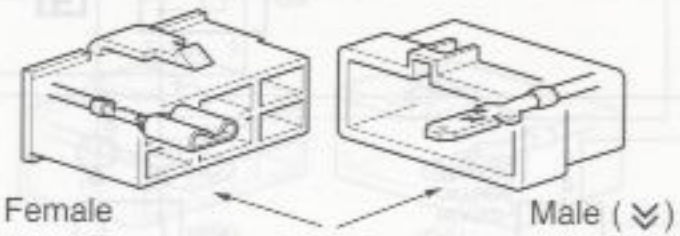
Example:



3C indicates that it is inside Junction Block No.3

[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (⩔).
Outside numerals are pin numbers.



[I] : ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.

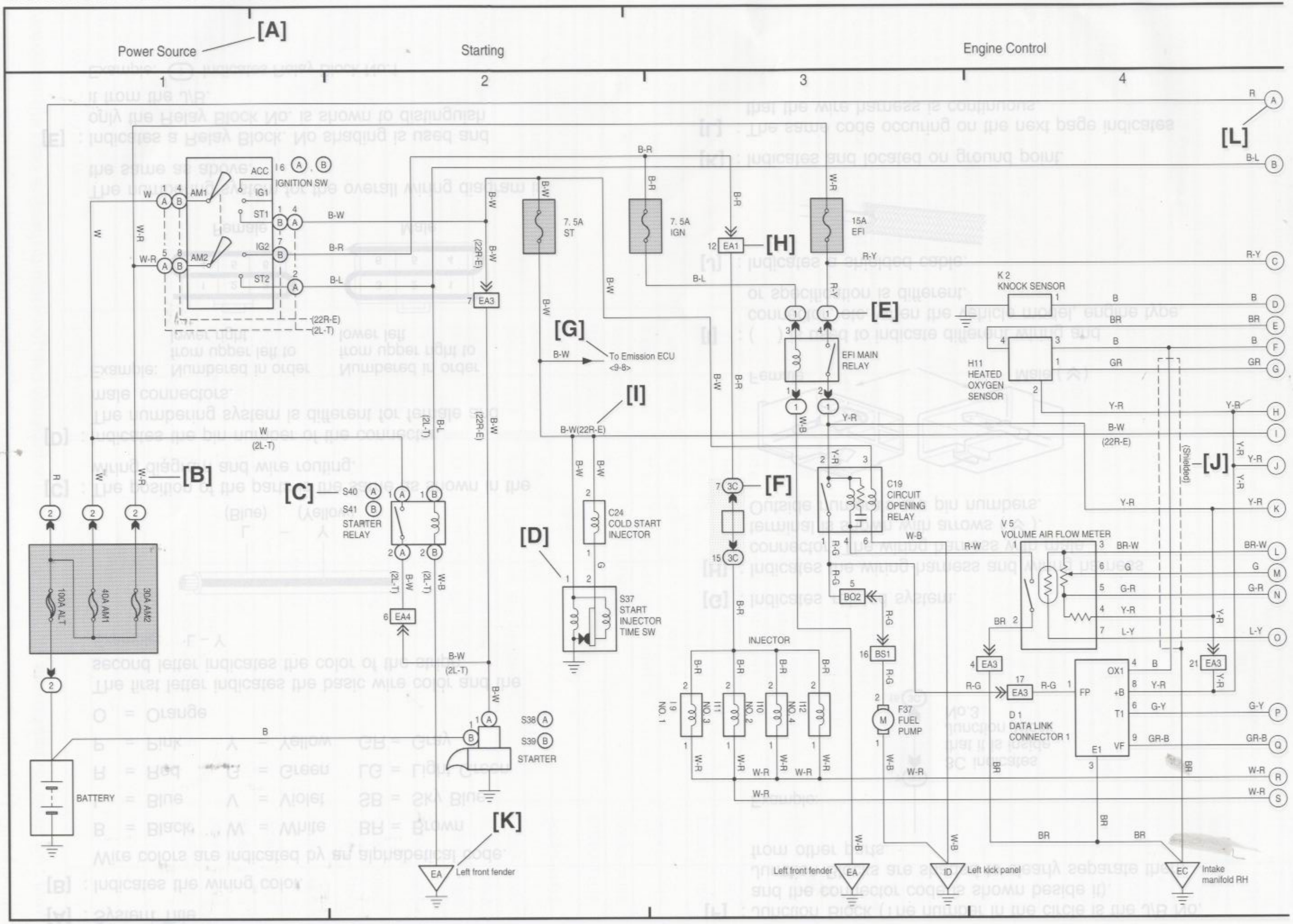


[K] : Indicates and located on ground point.

[L] : The same code occuring on the next page indicates that the wire harness is continuous.

COMMENT LIRE CETTE SECTION

** Le système qui est ici représenté NE L'EST QU'A TITRE D'EXEMPLE. Il est différent du circuit réel représenté dans la SECTION SCHEMA DE CABLAGE.*



[A] : *Titre du système*

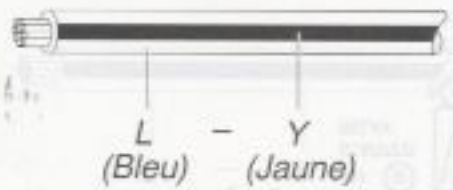
[B] : *Indique la couleur de câblage.*

Les couleurs des fils sont indiquées par un code alphabétique.

B	= *Noir*	*W*	= *Blanc*	*BR*	= *Marron*
L	= *Bleu*	*V*	= *Violet*	*SB*	= *Bleu ciel*
R	= *Rouge*	*G*	= *Vert*	*LG*	= *Vert clair*
P	= *Rose*	*Y*	= *Jaune*	*GR*	= *Gris*
O	= *Orange*				

La première lettre indique la couleur de fil de base et la deuxième lettre indique la couleur de la bande.

Exemple: L – Y

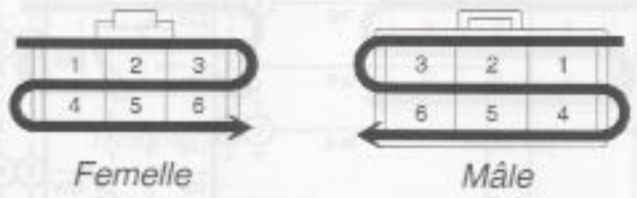


[C] : *La position des pièces est la même que celle indiquée dans le schéma de câblage et le cheminement des câbles.*

[D] : *Indique le numéro de broche du connecteur.*

Le système de numérotage est différente pour les connecteurs type mâles et femelles.

Exemple: *Numéroté en ordre de la gauche supérieure vers la droite inférieure.* *Numéroté en ordre de la droite supérieure vers la gauche inférieure.*



[E] : *Indique un bloc de relais. Aucune hachure n'est utilisée et seulement le N°. du bloc de relais est indiqué pour le distinguer du J/B.*

Exemple: ① *indique le bloc de relais N°1*

[F] : *Boîte de dérivation (le numéro dans le cercle représente le N° J/B et le code du connecteur est indiqué à côté). Les boîtes de dérivation sont hachurées pour les séparer des autres pièces.*

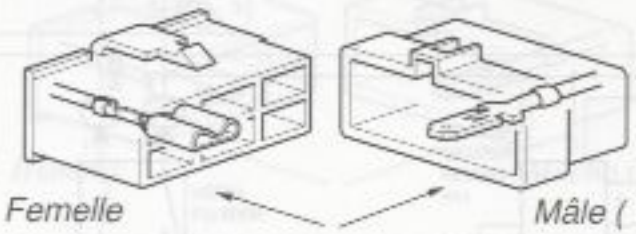
Exemple:



3C indique qu'il est à l'intérieur de la boîte de dérivation N°3

[G] : *Indique un système correspondant.*

[H] : *Indique le connecteur de faisceau de câblage et le faisceau de câblage. Le faisceau de câblage avec la borne type mâle est indiqué par des fièches (»). Les chiffres externes représentent les numéros de broches.*



[I] : *( ) s'utilisent pour indiquer différents câblages et connecteurs, etc. lorsque le modèle de véhicule, le type de moteur ou les spécifications sont différentes.*

[J] : *Indique un faisceau de câblage scellé.*

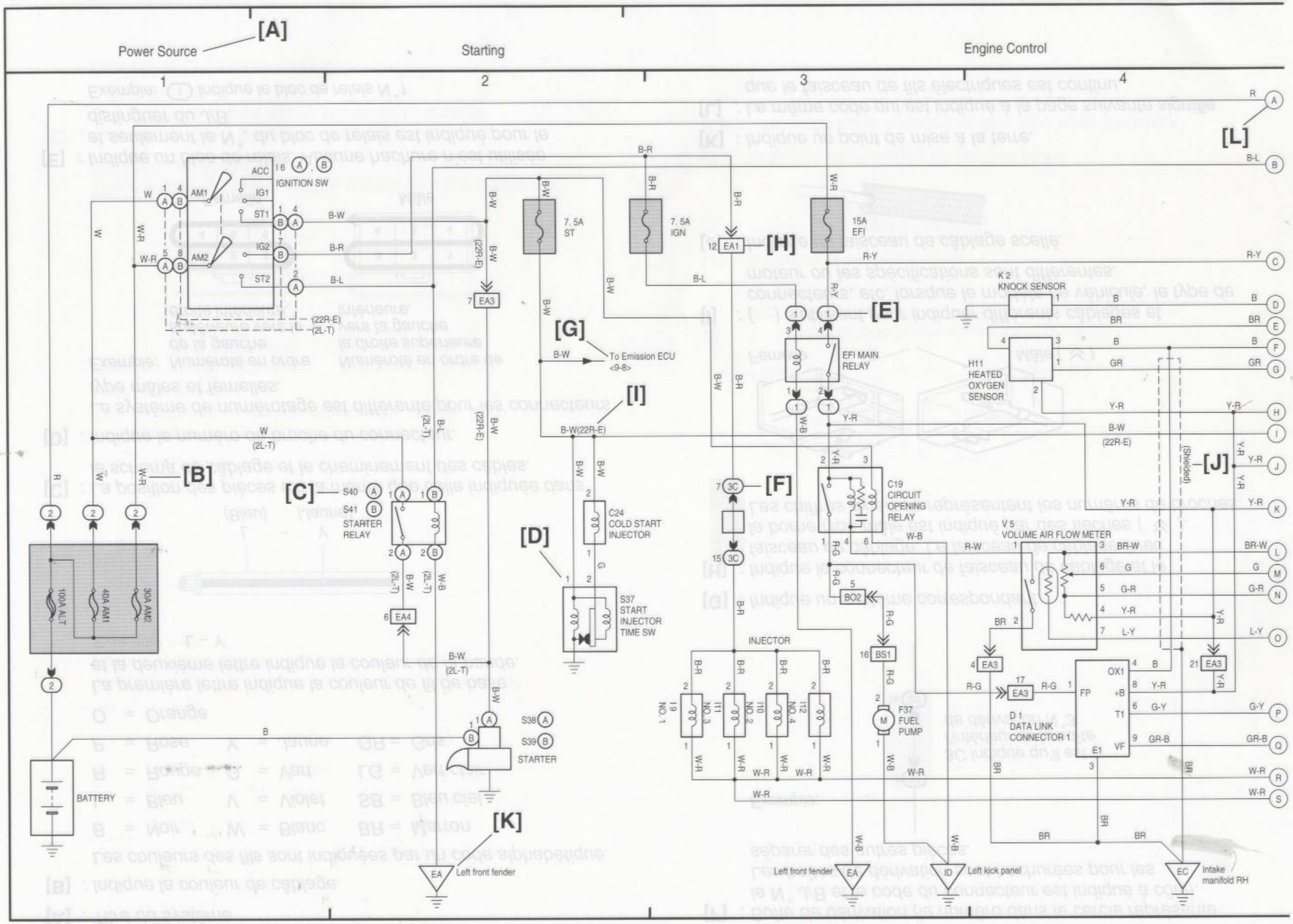


[K] : *Indique un point de mise à la terre.*

[L] : *Le même code qui est indiqué à la page suivante signifie que le faisceau de fils électriques est continu.*

COMO LEER ESTA SECCION

** El sistema aquí mostrado es SOLO UN EJEMPLO. Es distino del circuito real mostrado en la SECCION DE DIAGRAMA DEL CABLEADO.*



[A] *: Título del sistema*

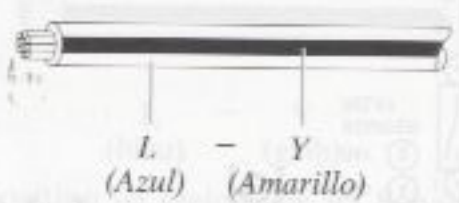
[B] *: Indica el color del cable.*

Los colores de los cables se dan según los siguientes códigos alfabéticos.

B	*= Negro*	*W*	*= Blanco*	*BR*	*= Marrón*
L	*= Azul*	*V*	*= Violeta*	*SB*	*= Azul del cielo*
R	*= Rojo*	*G*	*= Verde*	*LG*	*= Verde claro*
P	*= Rosado*	*Y*	*= Amarillo*	*GR*	*= Gris*
O	*= Anaranjado*				

La primera letra indica el color básico del cable y la segunda letra indica el color de la banda.

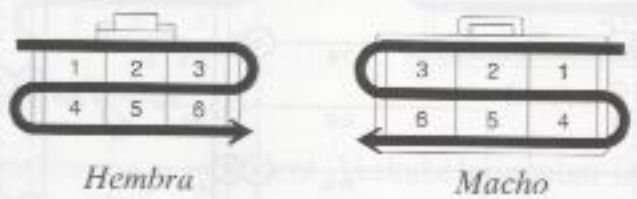
Ejemplo: L - Y



[C] *: La posición de las piezas es la misma que la indicada en el diagrama del cableado y en el trazado del cableado.*

[D] *: Indica el número de clavijas del conector. El sistema de numeración es diferente según se trate de un conector macho o de un conector hembra.*

Ejemplo: *Numerados de arriba a la izquierda hacia abajo a la derecha* *Numerados de arriba a la derecha hacia abajo a la izquierda*

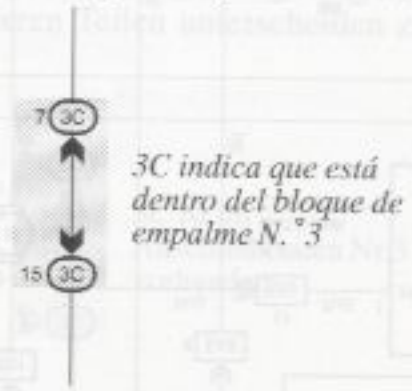


[E] *: Indica un bloque de relés. N.° se utiliza sombreado y se indica sólo el número del bloque de relés para distinguirlo del bloque de empalme*

Ejemplo: (1) *indica Bloque de Relés N.°1*

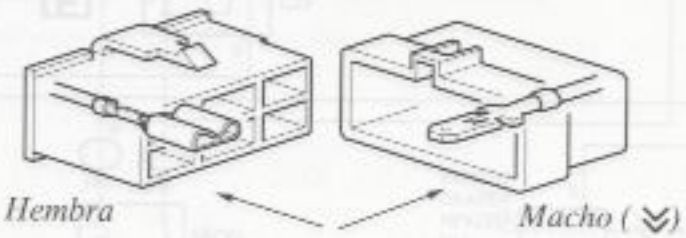
[F] *: Bloque de empalme. (El número dentro del círculo es el número del bloque de empalme, y el código del conector aparece junto al mismo.) Los bloques de empalme aparecen sombreados para distinguirlos fácilmente de otras piezas.*

Ejemplo:



[G] *: Indica un sistema relacionado.*

[H] *: Indica el mazo de conductores y el conector del mazo de conductores. El mazo de conductores con el terminal macho es indicado mediante las flechas (»).*
Las cifras exteriores corresponden al número de clavijas.



[I] *: ( ) se utiliza para indicar diferentes cableados, conectores, etc. en caso de modelo de vehículo, tipo de motor o especificaciones diferentes.*

[J] *: Indica mazo de conductores blindado.*

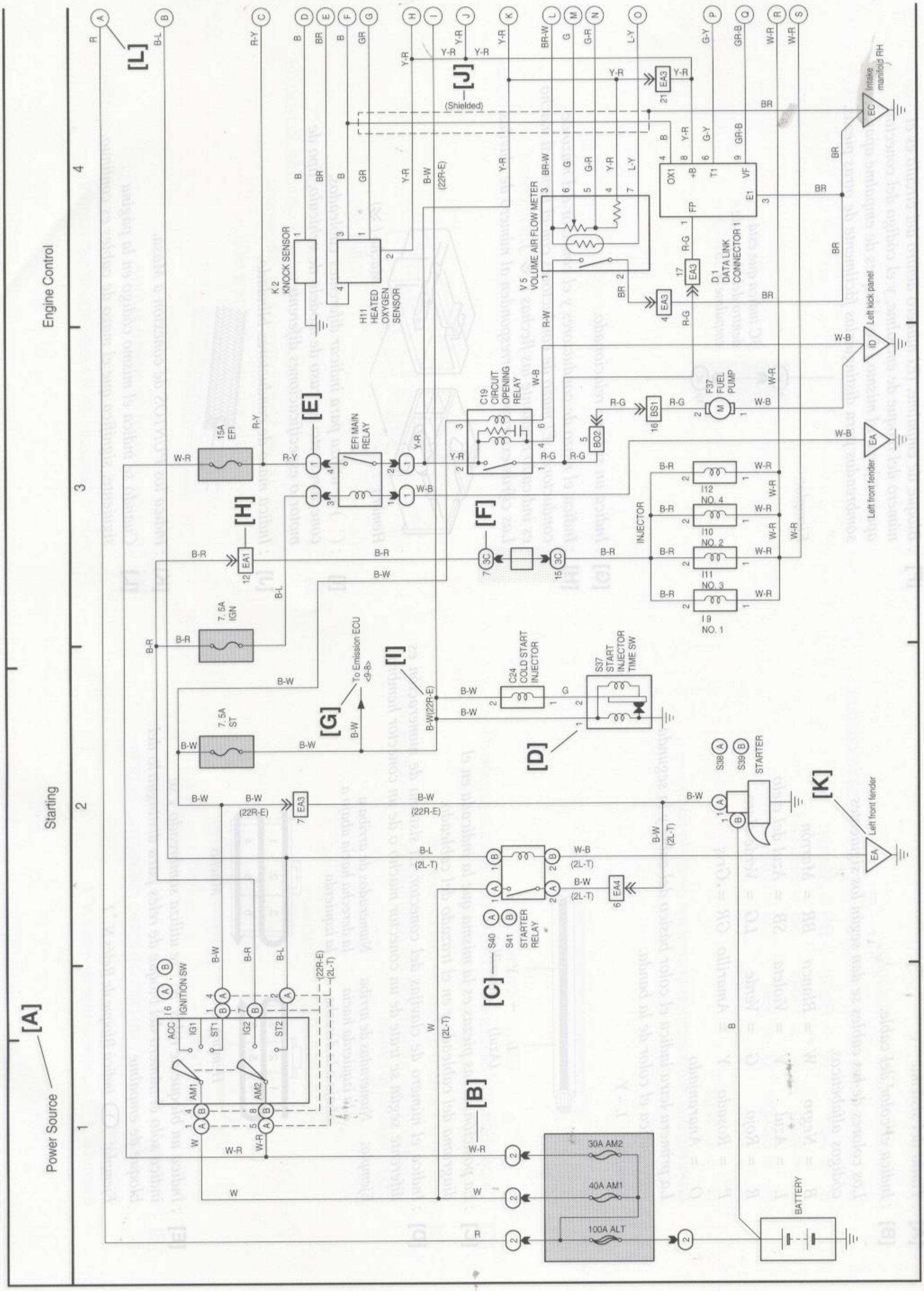


[K] *: Indica los PUNTOS de conexión a Masa.*

[L] *: Cuando se indica el mismo código en la página siguiente, significa que el mazo de cables es continuo.*

* Hier ist nur ein Beispiel aufgeführt, das sich vom Schaltschema im Kapitel "Gesamtverkabelungsplan" unterscheidet.

HINWEISE FÜR DIESEN ABSCHNITT



[A] : Systembezeichnung

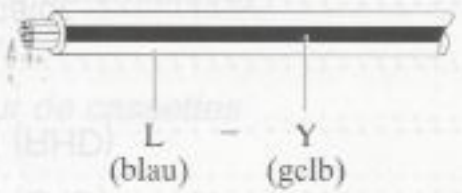
[B] : Bezeichnet die Kabelfarbe.

Die Farben werden mit Buchstabensymbolen bezeichnet.

B	= Schwarz	W	= Weiß	BR	= Braun
L	= Blau	V	= Violet	SB	= Himmelblau
R	= Rot	G	= Grün	LG	= Hellgrün
P	= Rosa	Y	= Gelb	GR	= Grau
O	= Orange				

Mit dem ersten Buchstaben wird die Kabelfarbe und mit dem zweiten Buchstaben die Farbe des Streifens bezeichnet.

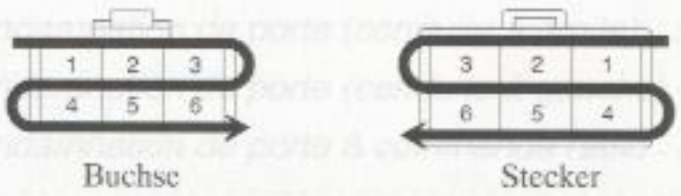
Beispiel: L – Y



[C] : Die Teileposition ist gleich wie im Schaltschema und im Verkabelungplan angegeben.

[D] : Bezeichnet die Stiftnummer eines Steckers.
Die Numerierung ist für Stecker und Buchsen verschieden.

Beispiel: Numerierung von oben links nach unten rechts. Numerierung von oben rechts nach unten links.



Die Nummerierung im Gesamt-Verkabelungsplan ist gleich wie oben.

[E] : Bezeichnet den Relaiskasten. Falls nur die Relaiskastennr. zur Unterscheidung von einem Anschlußkasten gezeigt wird, wind keine Schraffierung verwendet.

Beispiel: (1) Bezeichnet Relaiskasten Nr.1

[F] : Anschlußkasten. Die eingekreiste Zahl bezeichnet die Anschlußkastennummer und der Stecker wird daneben gezeigt. Die Anschlußkasten sind auf schraffiertem Untergrund gezeigt, um sie deutlich von anderen Teilen unterscheiden zu können.

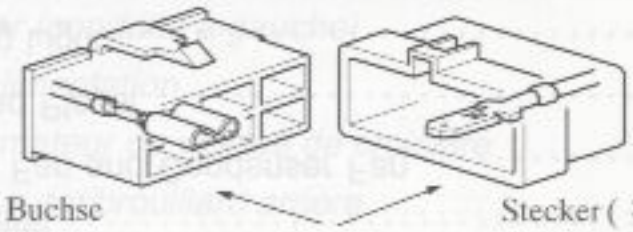
Beispiel:



3C ist im Anschlußkasten Nr.3 vorhanden.

[G] : Bezeichnet ein in Verbindung stehendes System.

[H] : Bezeichnet den Kabelbaum und den Stecker.
Die Steckerseite wird mit Pfeilen bezeichnet (»).
Mit außenstehenden Zahlen wird die Stiftnummer bezeichnet.



[I] : Eingeklammerte Kabel- und Steckerbezeichnungen etc. ( ) sind für unterschiedliche Fahrzeugmodelle, Motortypen oder andere Spezifikationen.

[J] : Bezeichnet Kabel mit Abschirmung.



[K] : Bezeichnet Massenpunkte.

[L] : Der gleiche Code auf der nächsten Seite zeigt, daß sich der Kadelbaum fortsetzt.

SYSTEM INDEX

SYSTEMS	LOCATION
ABS	22–3
Air Conditioner (Automatic A/C)	36–2
Air Conditioner (LHD Manual A/C Cold Area Spec.)	37–2
Air Conditioner (LHD Manual A/C Except Cold Area Spec.)	39–2
Air Conditioner (RHD Manual A/C Cold Area Spec.)	38–2
Air Conditioner (RHD Manual A/C Except Cold Area Spec.)	40–2
Automatic Light Control	6–2
Back–Up Light	5–3
Charging	1–4
Cigarette Lighter	26–2
Clock	27–3
Combination Meter (Analog Meter)	32–2
Combination Meter (Optitron Meter)	33–2
Cruise Control	23–2
Door Lock Control (LHD)	15–3
Door Lock Control (RHD)	16–3
Double Locking	17–3
ECT and A/T Indicator	24–3
Engine Control	2–2
Engine Immobiliser System	2–10
Front Fog Light	8–2
Front Wiper and Washer	28–2
Headlight (w/ Daytime Running Light)	3–2
Headlight (w/o Daytime Running Light)	4–3
Headlight Beam Level Control	5–4
Headlight Cleaner	4–2
Horn	14–4

SYSTEMS	LOCATION
Illumination (LHD)	10–2
Illumination (RHD)	11–2
Interior Light (LHD)	12–2
Interior Light (RHD)	13–2
Light Reminder and Key Reminder Buzzer	14–2
Moon Roof	26–4
Power Outlet	26–3
Power Source	1~40–1
Power Window (LHD)	20–2
Power Window (RHD)	21–2
PTC Heater	35–2
Radiator Fan and Condenser Fan	34–2
Radio and Player	30–3
Rear Fog Light	8–3
Rear Window Defogger and Mirror Heater	31–2
Rear Wiper and Washer	28–4
Remote Control Mirror	29–2
Seat Belt Warning	35–4
Seat Heater	31–3
SRS	25–2
Starting and Ignition	1–2
Stop Light	5–2
Taillight	9–2
Turn Signal and Hazard Warning Light	7–2
Wireless Door Lock Control (LHD)	18–3
Wireless Door Lock Control (RHD)	19–3

INDEX DE SYSTEME

SYSTEMES	EMPLACEMENT
ABS	22-3
Air conditionné (A/C à commande manuelle à conduite à droite pour régions froides)	38-2
Air conditionné (A/C à commande manuelle à conduite à droite sauf modèle pour régions froides)	40-2
Air conditionné (A/C à commande manuelle à conduite à gauche pour régions froides)	37-2
Air conditionné (A/C à commande manuelle à conduite à gauche sauf modèle pour régions froides)	39-2
Air conditionné (A/C automatique)	36-2
Allume-cigare	26-2
Autoradio et lecteur de cassettes	30-3
Avertisseur	14-4
Charge	1-4
Chauffage de PTC	35-2
Chauffage de siège	31-3
Combiné de bord (compteur analogique)	32-2
Combiné de bord (compteur optiron)	33-2
Commande de condamnation de porte (conduite à droite)	16-3
Commande de condamnation de porte (conduite à gauche)	15-3
Commande de condamnation de porte à commande radio (conduite à droite)	19-3
Commande de condamnation de porte à commande radio (conduite à gauche)	18-3
Commande de moteur	2-2
Commande de réglage d'orientation de faisceau de projecteur	5-4
Commande d'éclairage automatique	6-2
Double verrouillage	17-3
Démarrage et allumage	1-2
Désembueur de glace de lunette arrière et résistance électrique de chauffage de rétroviseur	31-2
Eclairage (conduite à droite)	11-2
Eclairage (conduite à gauche)	10-2
Essuie-glace et lave-glace de lunette arrière	28-4
Essuie-glace et lave-glace de pare-brise	28-2
Feux de position arrière	9-2
Feux de recul	5-3
Feux stop	5-2
Indicateur ECT et A/T	24-3
Lave-projecteur avant	4-2
Lève-glace électrique (conduite à droite)	21-2
Lève-glace électrique (conduite à gauche)	20-2
Montre électrique de bord	27-3
Plafonnier (conduite à droite)	13-2
Plafonnier (conduite à gauche)	12-2
Prise d'alimentation	26-3
Programmateur de vitesse de croisière	23-2
Projecteur antibrouillard arrière	8-3
Projecteur antibrouillard avant	8-2
Projecteur avant (avec un système d'éclairage de conduite de jour)	3-2
Projecteur avant (sans système d'éclairage de conduite de jour)	4-3
Rappel de ceinture de sécurité	35-4
Rétroviseur à commande électrique	29-2
Source d'alimentation	1-40-1
SRS	25-2
Système immobilisateur de moteur	2-10
Toit ouvrant	26-4
Ventilateur de radiateur et ventilateur de condenseur	34-2
Vibreur de rappel d'éclairage allumé et de clé	14-2
Voyant de rappel de feu de changement de direction et de feux de détresse	7-2

English Français

INDICE DE SISTEMA

SISTEMA	COLOCACIÓN
ABS	22-3
Acondicionador de aire (A/C automático)	36-2
Acondicionador de aire (A/C manual de la dirección a la derecha excepto la especificación para el área fría)	40-2
Acondicionador de aire (A/C manual de la dirección a la derecha, especificación para el área fría)	38-2
Acondicionador de aire (A/C manual de la dirección a la izquierda excepto la especificación para el área fría)	39-2
Acondicionador de aire (A/C manual de la dirección a la izquierda, especificación para el área fría)	37-2
Advertencia de cinturón de seguridad	35-4
Alimentación	1-40-1
Arranque y encendido	1-2
Bocina	14-4
Calefactor de PTC	35-2
Calefactor del asiento	31-3
Carga	1-4
Control automático de las luces	6-2
Control de bloqueo de la puerta (dirección a la derecha)	16-3
Control de bloqueo de la puerta (dirección a la izquierda)	15-3
Control de bloqueo de la puerta inalámbrico (dirección a la derecha)	19-3
Control de bloqueo de la puerta inalámbrico (dirección a la izquierda)	18-3
Control de crucero	23-2
Control del motor	2-2
Control del nivel del haz del faro	5-4
Desempañador de la ventanilla trasera y calefactor del retrovisor	31-2
Doble cierre	17-3
Encendedor de cigarrillos	26-2
Espejo retrovisor de control remoto	29-2
Faro (con luz de marcha diurna)	3-2
Faro (sin luz de marcha diurna)	4-3
Iluminación (dirección a la derecha)	11-2
Iluminación (dirección a la izquierda)	10-2
Indicador de ECT y de A/T	24-3
Limpiador del faro	4-2
Limpiador y lavador del parabrisas	28-2
Limpiador y lavador traseros	28-4
Luz antiniebla frontal	8-2
Luz antiniebla trasera	8-3
Luz de cola	9-2
Luz de marcha atrás	5-3
Luz de parada	5-2
Luz interior (dirección a la derecha)	13-2
Luz interior (dirección a la izquierda)	12-2
Medidor de combinación (medidor analógico)	32-2
Medidor de combinación (medidor optitron)	33-2
Radio y reproductor	30-3
Reloj	27-3
Señal de giro y luz de advertencia de peligro	7-2
Sistema inmovilizador del motor	2-10
SRS	25-2
Techo lunar	26-4
Toma de alimentación	26-3
Ventanilla automática (dirección a la derecha)	21-2
Ventanilla automática (dirección a la izquierda)	20-2
Ventilador del radiador y ventilador del condensador	34-2
Zumbador del recordador de las luces y del recordador de la llave	14-2

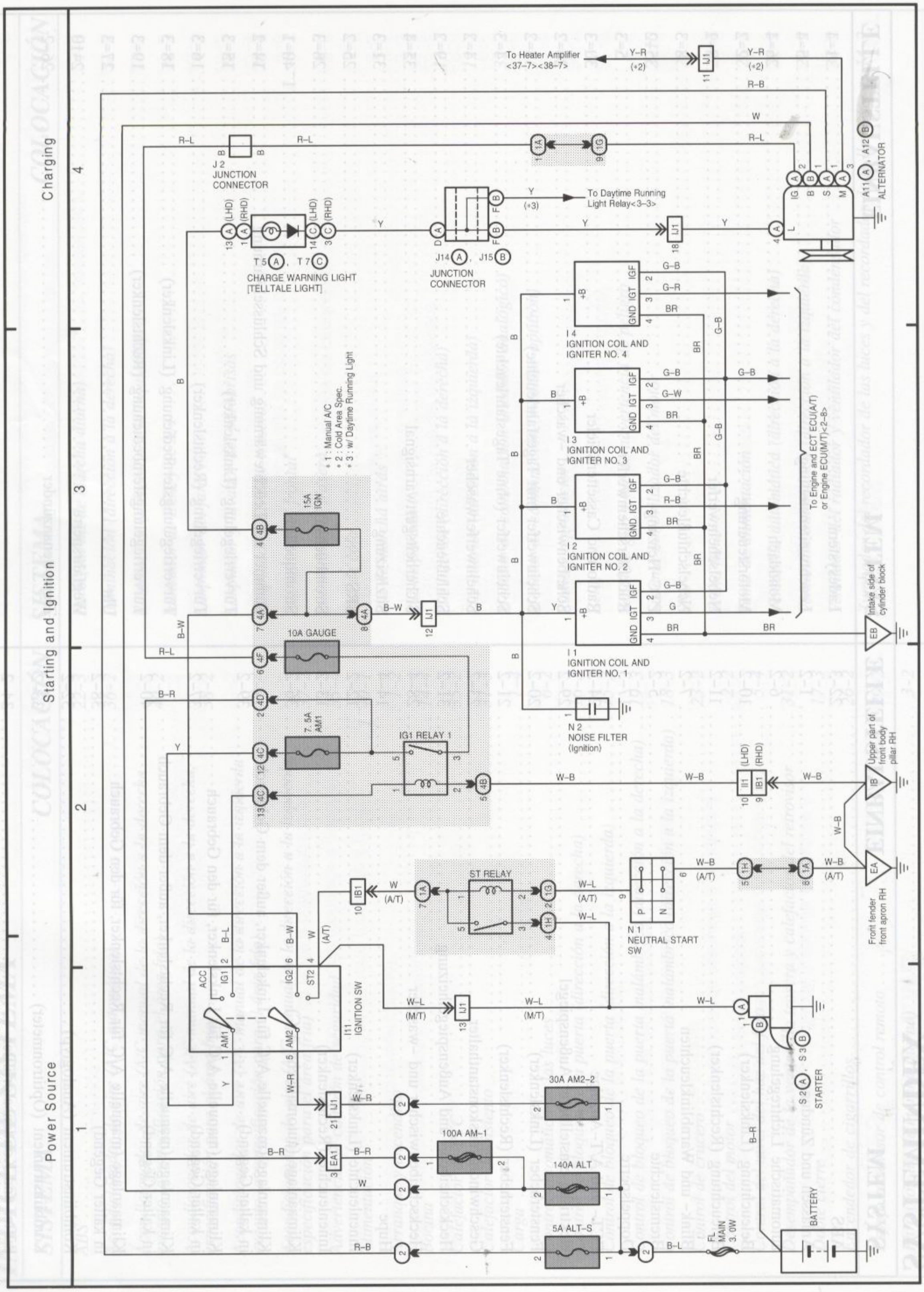
SYSTEMINDEX

SYSTEM	EINBAUSTELLE
ABS	22-3
Anlassen und Zündung	1-2
automatische Lichtregelung	6-2
Beleuchtung (Linkslenker)	10-2
Beleuchtung (Rechtslenker)	11-2
Blink- und Warnblinkleuchten	7-2
Bremsleuchte	5-2
Doppelsperre	17-3
ECT- und A/T-Anzeige	24-3
elektrisch einstellbarer Außenspiegel	29-2
Fensterheber (Linkslenker)	20-2
Fensterheber (Rechtslenker)	21-2
Geschwindigkeitskonstanthalter	23-2
Heckscheiben- und Außenspiegelheizung	31-2
Heckscheibenwischer und -wascher	28-4
Hupe	14-4
Innenleuchte (Linkslenker)	12-2
Innenleuchte (Rechtslenker)	13-2
Klimaanlage (automatische A/C)	36-2
Klimaanlage (manuelle A/C für Linkslenker, außer dem Gebrauch in kalter Gegend)	39-2
Klimaanlage (manuelle A/C für Linkslenker, für den Gebrauch in kalter Gegend)	37-2
Klimaanlage (manuelle A/C für Rechtslenker, außer dem Gebrauch in kalter Gegend)	40-2
Klimaanlage (manuelle A/C für Rechtslenker, für den Gebrauch in kalter Gegend)	38-2
Kombiinstrument (Analogtyp)	32-2
Kombiinstrument (Optitronmeter)	33-2
Lüfter und Kondensatorlüfter	34-2

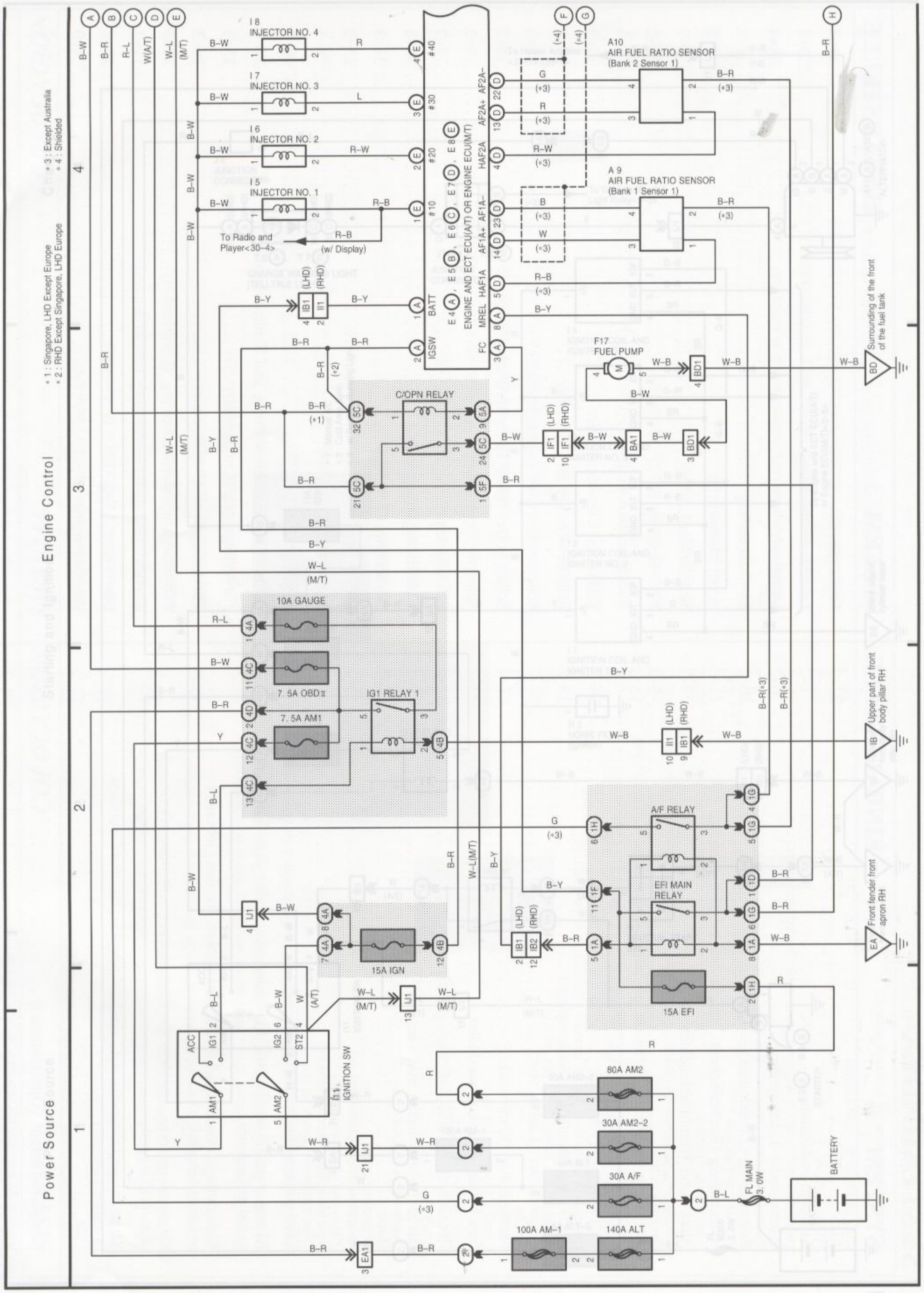
SYSTEM	EINBAUSTELLE
Ladesystem	1-4
Leuchtweitenstellung	5-4
Monddach	26-4
Motorsteuerung	2-2
Nebelscheinwerfer	8-2
Nebelschlußleuchte	8-3
PTC-Heizung	35-2
Rückfahrscheinwerfer	5-3
Radio und Cassettenspieler	30-3
Scheibenwischer und -wascher	28-2
Scheinwerfer (mit Tagesfahrleuchte)	3-2
Scheinwerfer (ohne Tagesfahrleuchte)	4-3
Scheinwerferwascher	4-2
Schlußleuchte	9-2
Sicherheitsgurtwarnsignal	35-4
Sitzheizung	31-3
SRS	25-2
Strombuchse	26-3
Stromquelle	1~40-1
Summer zur Leuchtewarnung und Schlüsselwarnung	14-2
Türverriegelung (Linkslenker)	15-3
Türverriegelung (Rechtslenker)	16-3
Türverriegelungsfernbedienung (Linkslenker)	18-3
Türverriegelungsfernbedienung (Rechtslenker)	19-3
Uhr	27-3
Wegfahrsperre	2-10
Zigarettenanzünder	26-2

Deusch | Espanol

N OVERALL ELECTRICAL WIRING DIAGRAM



(Cont. next page)



(Cont. next page)

Engine Control

* 3 : Except Australia
* 4 : Shielded
* 5 : Australia
* 6 : w/ Engine Immobiliser System

5 6 7 8

A B-W
B B-R — B-R (*6)
C R-L
D W(A/T) — W (A/T) — 10 IB1 — W (A/T)
E W-L (M/T)

B-W
B-R(*6)
R-L
W(A/T)
W-L (M/T)

From Stop Light SW <5-2>
See PTC Heater System <35-2><35-3>
To A/C Amplifier <36-4><37-15><38-15><39-11><40-11>
From MG CLT Relay <36-6><37-16><38-16><39-11><40-11>
From Diode (A/C No. 1)<34-4>
From Diode (A/C No. 2)<34-4>
C 2 CAMSHAFT TIMING OIL CONTROL VALVE
To Combination Meter <32-4><33-4>
From Combination Meter <32-4><33-4>
To Cruise Control ECU<23-4>
From Diode (Idle-Up)<31-3>
From Center Airbag Sensor Assembly <25-4>
From Ignition and Igniters <1-3><1-4>

16 A	15 A	9 B	5 C	4 C	4 B	7 A	12 B	19 E	29 E	14 B	22 B	24 B	25 B	18 A	8 C	10 E	11 E	12 E	25 E	13 E
+B	STP	IDUP	PTC1	PTC2	AC1	ACMG	PR2	OCV+	OCV-	THWO	SPD	OD1	IDLO	ELS	F/PS	IGT1	IGT2	IGT3	IGF	IGT4

E 4 (A), E 5 (B), E 6 (C), E 7 (D), E 8 (E) ENGINE AND ECT ECU(A/T) OR ENGINE ECU(M/T)

OX1B — HT1B — OX2B — HT2B(*3)
OX1A — HT1A — OX2A — HT2A(*5)

KNK1	E1	G22+	NE-	NE+							EVP1	RSD		VG	E2G	THA	VC	VTA		THW	E2	PSW
27 E	17 D	15 D	24 D	16 D			11 D	3 D			15 C	14 C	6 D	18 E		12 D	21 D	23 E	2 D	24 E		22 E	18 D	11 C

K 1 KNOCK SENSOR
J19 JUNCTION CONNECTOR
C 1 CAMSHAFT POSITION SENSOR
C 4 CRANKSHAFT POSITION SENSOR
H 9 HEATED OXYGEN SENSOR (Bank 1 Sensor 1)
H19 HEATED OXYGEN SENSOR (Bank 1 Sensor 2)
H20 HEATED OXYGEN SENSOR (Bank 2 Sensor 2)
H10 HEATED OXYGEN SENSOR (Bank 2 Sensor 1)
V 1 VSV(EVAP)
I 9 ISC VALVE
A 8 AIR FLOW METER
T 1 THROTTLE POSITION SENSOR
E 2 EFI WATER TEMP. SENSOR
P 1 POWER STEERING OIL PRESSURE SW
J18 JUNCTION CONNECTOR
EB Intake side of cylinder block
IJ1 15

(*4) (*5) (*3)

B-R B-Y G GR-L GR GR-R W-R W Y-B BR L W-B

Engine Control

Engine Immobiliser System

* 3 : Except Australia
* 6 : w/ Engine Immobiliser System

9 10 11 12

B-W
B-R(*6)
R-L
W(A/T)
W-L (M/T)

4 1H
7 1A
7.5A STA
ST RELAY
1 5 2 3
13 1F
3 1G
B-W
W-L (A/T)
19 IJ1
W-L (A/T)
20 B NSW
2 5F
27 5C
9 5C
B-W
9 IJ1
B-W
16 C STA
To Combination Meter <33-6>

T6 TELLTALE LIGHT
CHECK ENGINE
SECURITY
R-L
W-B
6 11 8 (LHD) 9 (RHD)
1 16 11 (LHD) 6 (RHD)
G-W
G-O
6 A W
26 B IMLD

B-W
B-R
(*6)
W-B
W-L
23 B KSW

T8 TRANSPONDER KEY AMPLIFIER
B-R
BR (RHD)
1
7
5 4 3
W
W-R
W-G
18 B TXCT
28 B CODE
19 B RXCK

B-W
BR (LHD)
BR (RHD)

M1 MULTIPLEX NETWORK BODY ECU
W-L
21 KSWE
KSW 22
R-G
2
U1 UNLOCK WARNING SW
1

W-B (LHD)
W-B (RHD)
W-B
5 3A 12 3E 11 3C
14 3D 2 3B 21 3A
W-B

E4 A, E5 B, E6 C, E7 D, E8 E
ENGINE AND ECT ECU(A/T) OR ENGINE ECU(M/T)

E01 E02 E04 E05 SIL TC WFSE TACH E03 EOM
21 E 31 E 1 D 8 D 4 A 5 B 17 A 27 B 30 E 22 A

J13 JUNCTION CONNECTOR
A C
R-Y
R-L
P-L
P
W-B
BR (+3)
BR (LHD)
BR (RHD)

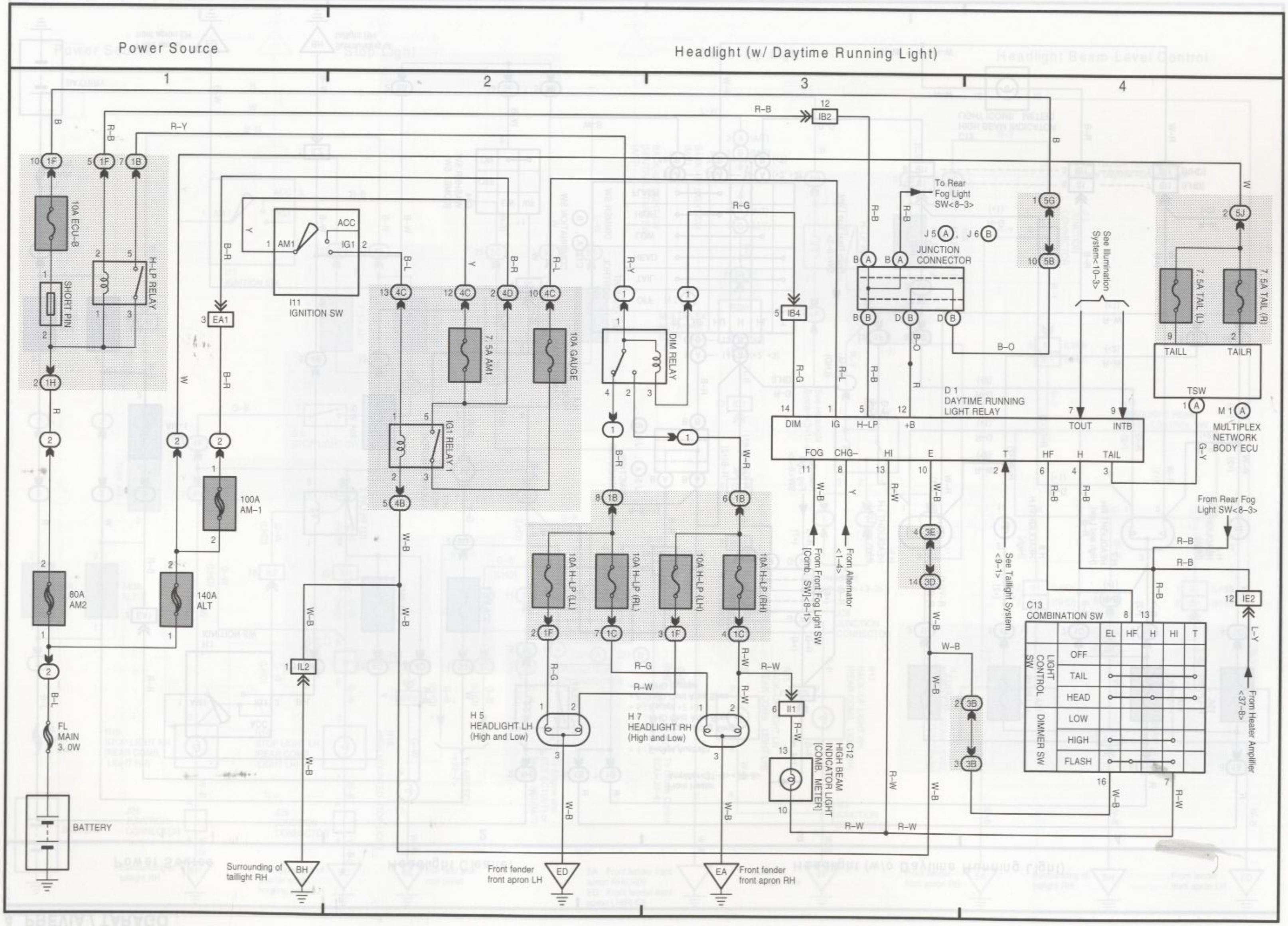
13 4B 9 4C 1 4C
1 4I 6 4I 27 4B
W
P-B
R-L

From ABS ECU <22-7>
From Center Airbag Sensor Assembly <25-3>
From Cruise Control ECU <23-4>
From Combination Meter <32-6><33-6>
From ABS ECU <22-7>
From Combination Meter <32-6><33-6>
From Cruise Control <23-4>
From ABS ECU <22-7>
From Center Airbag Sensor Assembly <25-2>

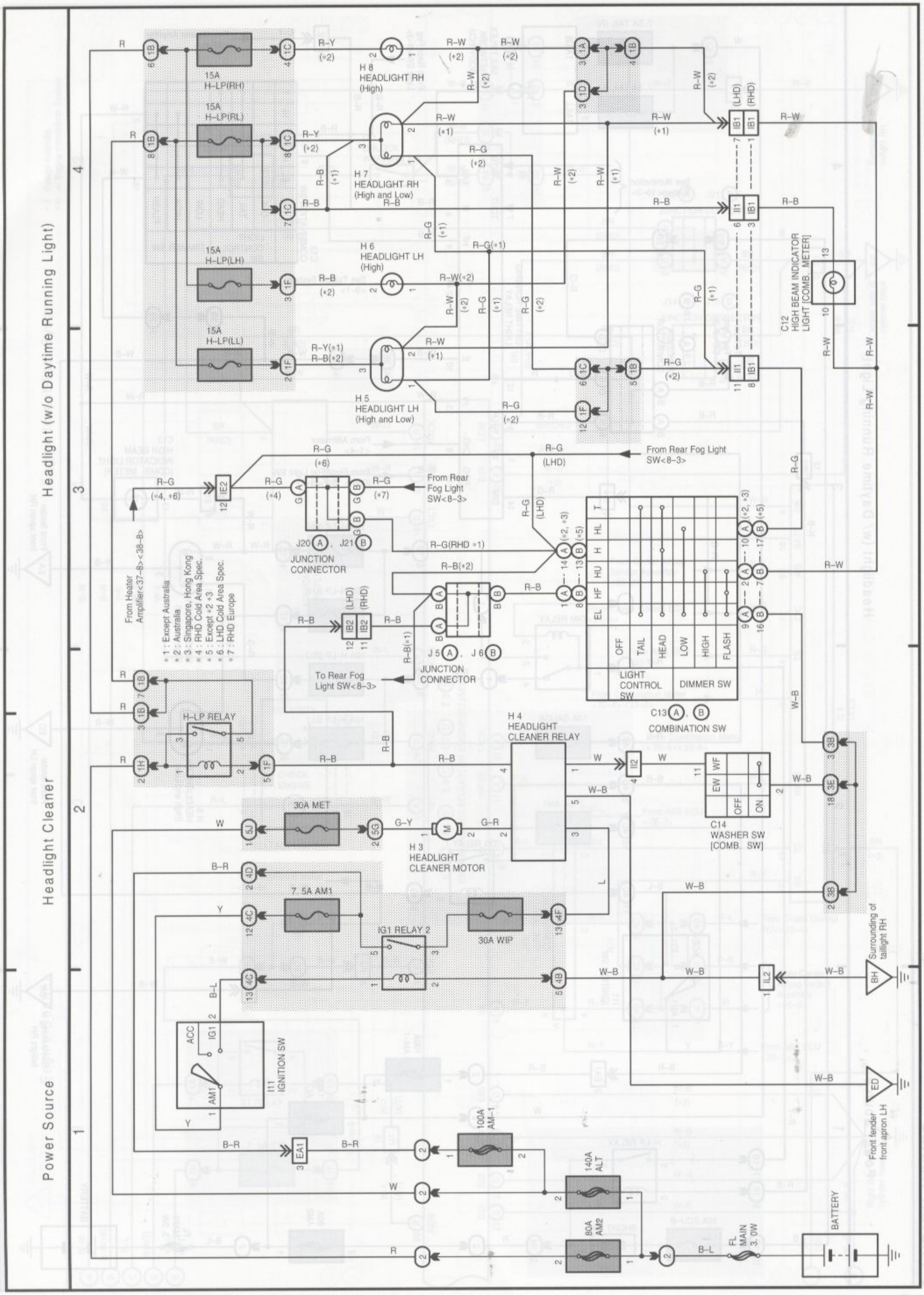
7 SIL 13 TC 15 WFSE 9 TAC 14 TS 1 C/C 6 A/B 16 BATT 4 CG
SG 5
D8 DLC3

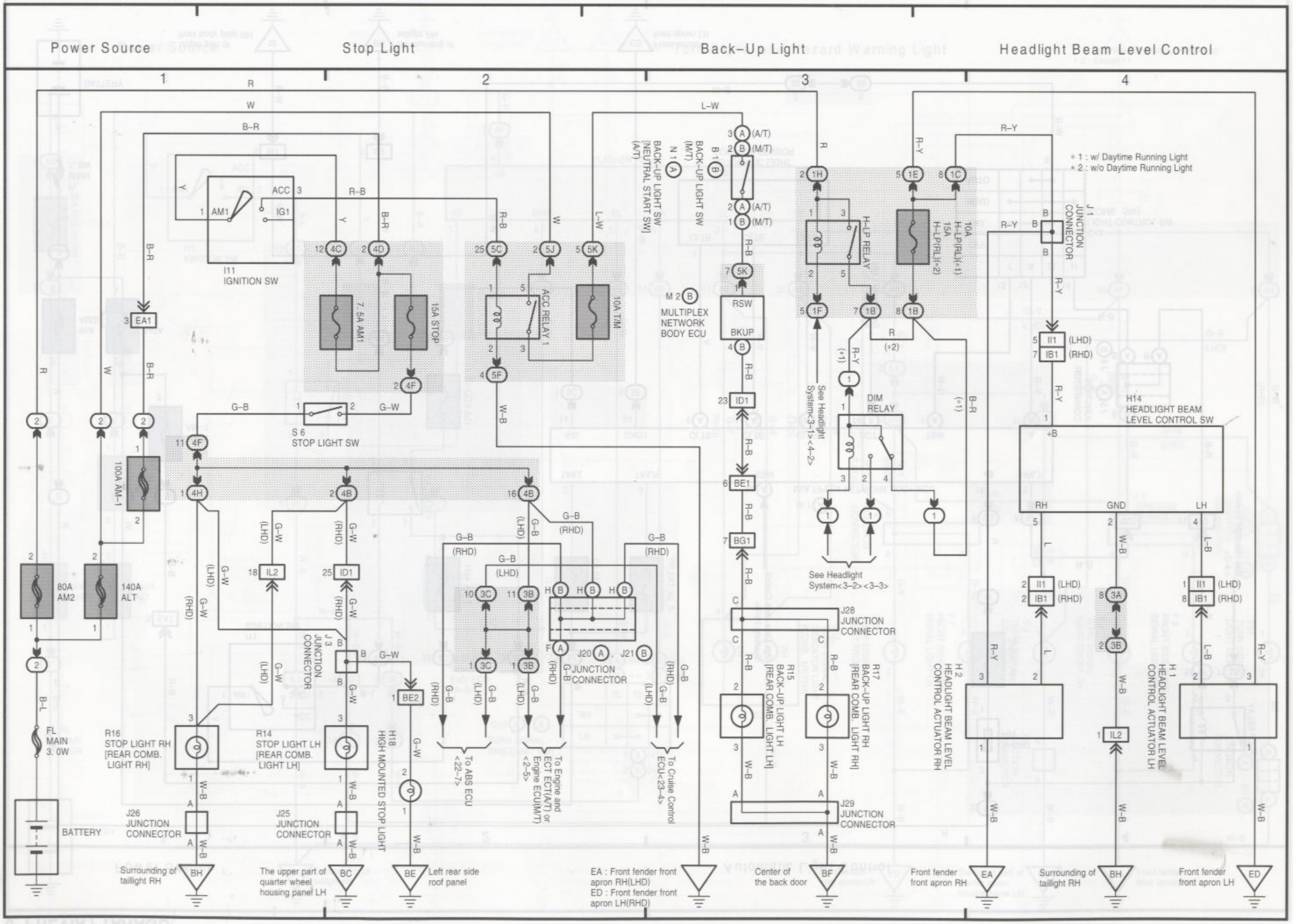
J14 A, J15 B JUNCTION CONNECTOR
J20 A, J21 B JUNCTION CONNECTOR
IL2
IJ1 5

F BR (+3)
G W-B
W-B
Right side of cylinder head
EC
Intake side of cylinder block
EB
Surrounding of taillight RH
BH

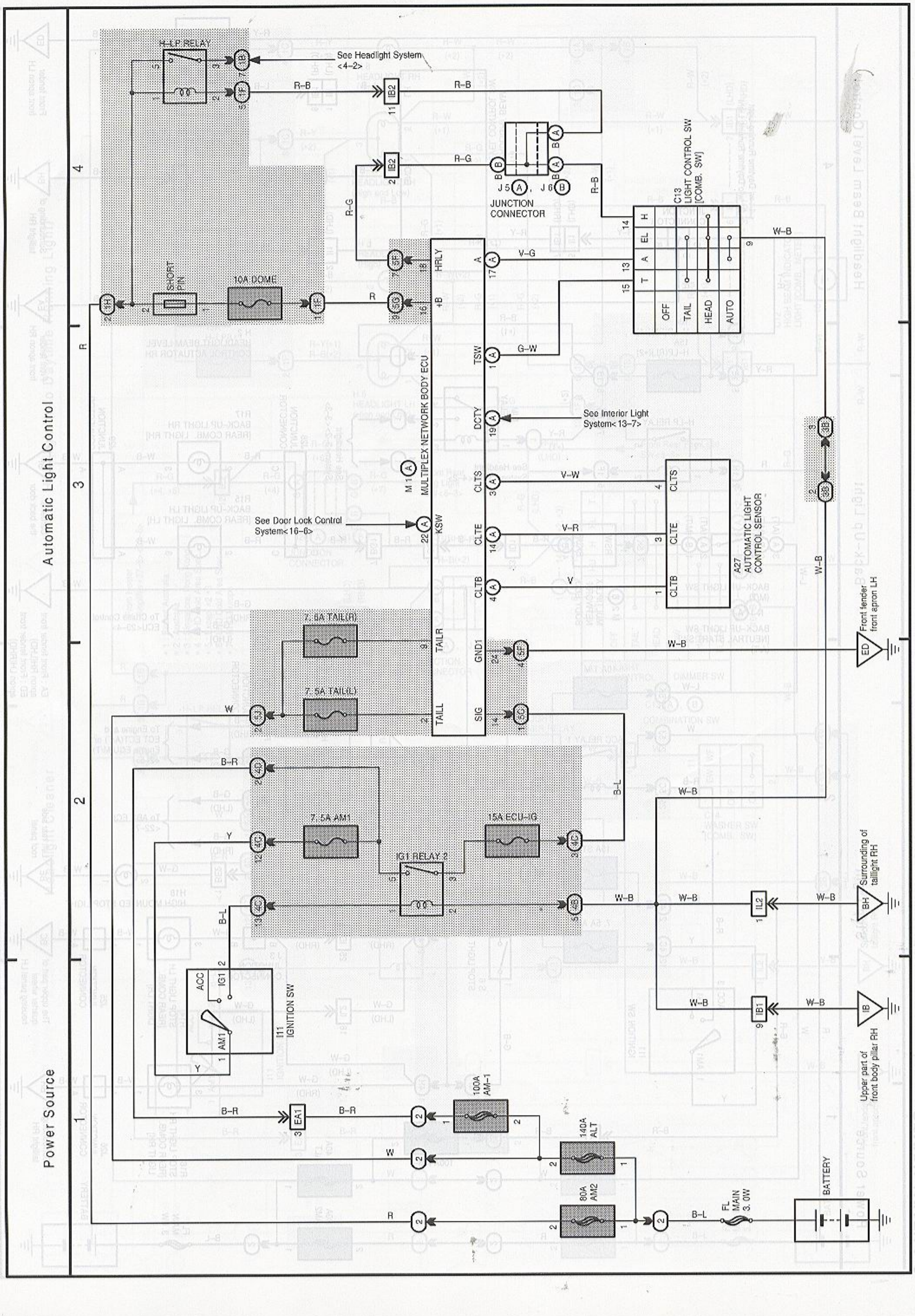

Power Source
Headlight (w/ Daytime Running Light)
1
2
3
4
10A ECU-B
SHORT PIN
H-LP RELAY
I11
IGNITION SW
ACC
AM1
IG1
7.5A AM1
10A GAUGE
IG1 RELAY 1
DIM RELAY
JUNCTION CONNECTOR
To Rear Fog Light SW<8-3>
See Illumination System<10-3>
7.5A TAIL (L)
7.5A TAIL (R)
TAILL
TAILR
TSW
D 1
DAYTIME RUNNING LIGHT RELAY
DIM
IG
H-LP
+B
TOUT
INTB
FOG
CHG-
HI
E
T
HF
H
TAIL
M 1
MULTIPLEX NETWORK BODY ECU
100A AM-1
80A AM2
140A ALT
FL MAIN 3.0W
BATTERY
10A H-LP (LL)
10A H-LP (RL)
10A H-LP (LH)
10A H-LP (RH)
H 5
HEADLIGHT LH
(High and Low)
H 7
HEADLIGHT RH
(High and Low)
C12
HIGH BEAM INDICATOR LIGHT [COMB. METER]
From Front Fog Light SW [Comb. SW]<8-1>
From Alternator <1-4>
See Taillight System <9-1>
From Rear Fog Light SW<8-3>
From Heater Amplifier <37-8>
C13
COMBINATION SW
EL
HF
H
HI
T
LIGHT CONTROL SW
OFF
TAIL
HEAD
DIMMER SW
LOW
HIGH
FLASH
Surrounding of taillight RH
Front fender front apron LH
Front fender front apron RH

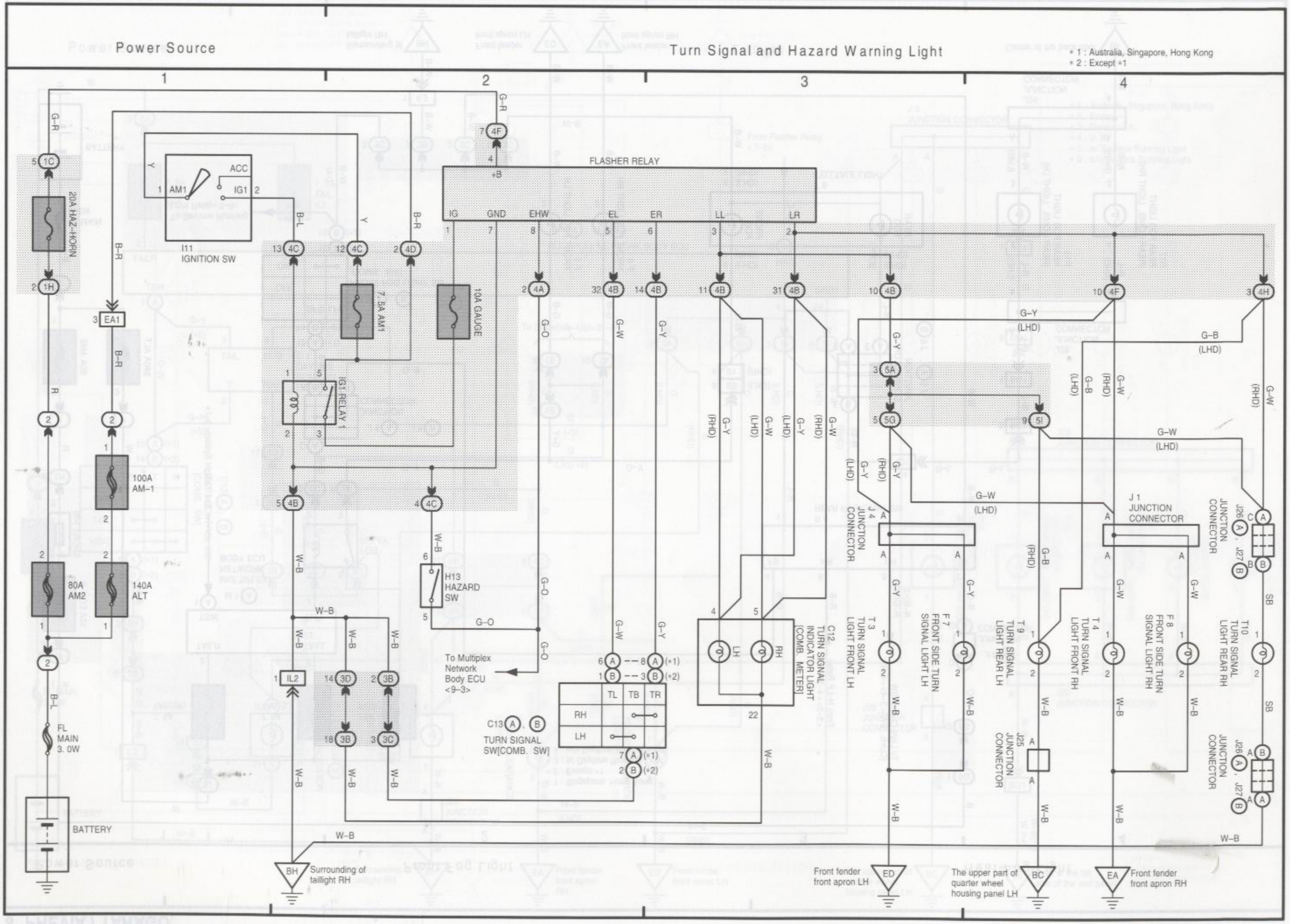
N OVERALL ELECTRICAL WIRING DIAGRAM



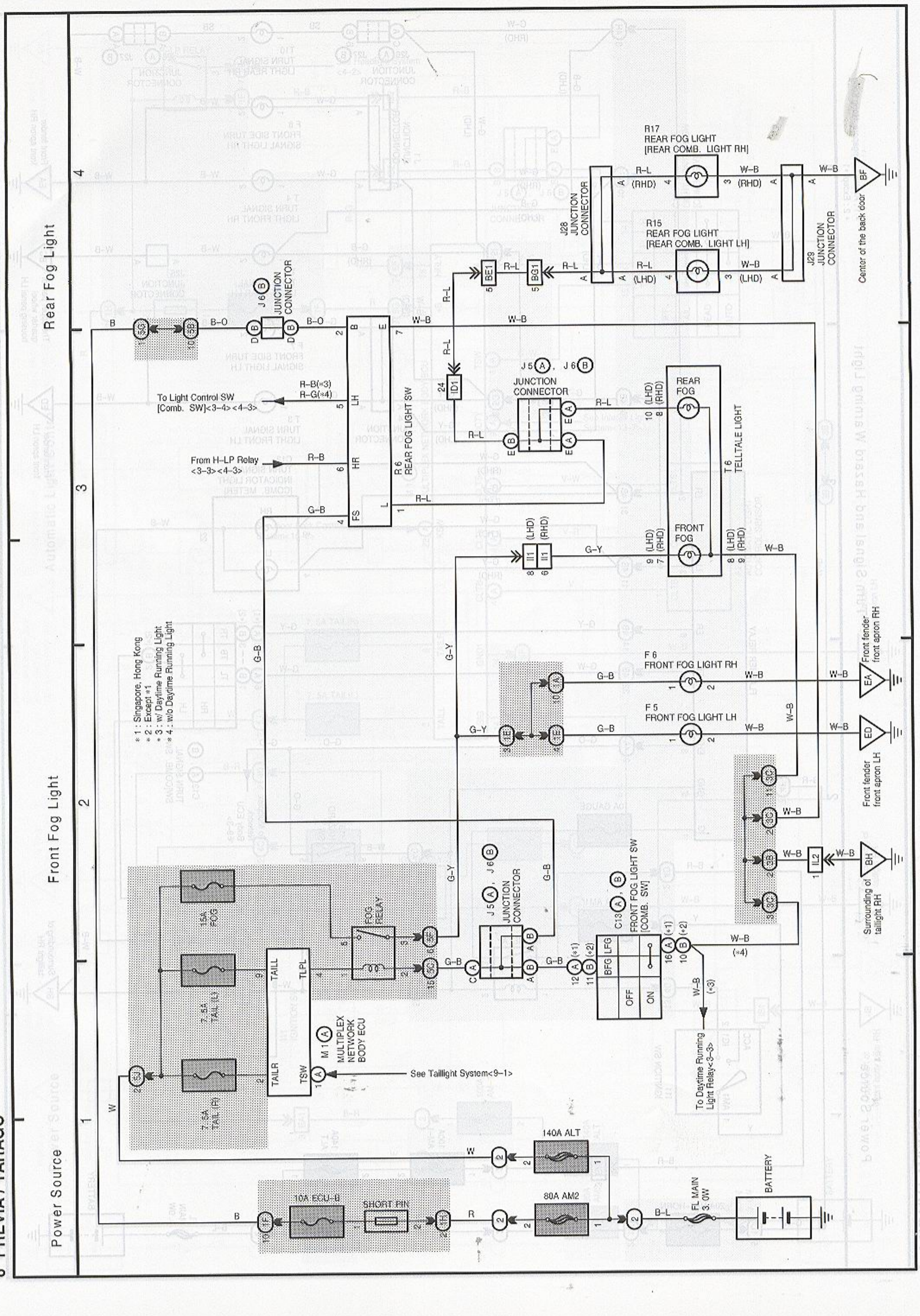

Power Source
Stop Light
Back-Up Light
Headlight Beam Level Control
1
2
3
4
I11 IGNITION SW
7.5A AM1
15A STOP
ACC RELAY 1
10A T/M
S 6 STOP LIGHT SW
100A AM-1
80A AM2
140A ALT
FL MAIN 3.0W
BATTERY
R16 STOP LIGHT RH [REAR COMB. LIGHT RH]
R14 STOP LIGHT LH [REAR COMB. LIGHT LH]
H18 HIGH MOUNTED STOP LIGHT
J26 JUNCTION CONNECTOR
J25 JUNCTION CONNECTOR
J 3 JUNCTION CONNECTOR
J20 JUNCTION CONNECTOR
J21
To ABS ECU <22-7>
To Engine and ECT ECT(A/T) or Engine ECU(M/T) <2-5>
To Cruise Control ECU<23-4>
BACK-UP LIGHT SW [NEUTRAL START SW] (A/T)
BACK-UP LIGHT SW (M/T)
MULTIPLEX NETWORK BODY ECU
H-LP RELAY
10A H-LP(RL)(*1)
15A H-LP(RL)(*2)
DIM RELAY
See Headlight System<3-1><4-2>
See Headlight System<3-2><3-3>
J28 JUNCTION CONNECTOR
R15 BACK-UP LIGHT LH [REAR COMB. LIGHT LH]
R17 BACK-UP LIGHT RH [REAR COMB. LIGHT RH]
J29 JUNCTION CONNECTOR
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
J 1 JUNCTION CONNECTOR
H14 HEADLIGHT BEAM LEVEL CONTROL SW
H 2 HEADLIGHT BEAM LEVEL CONTROL ACTUATOR RH
H 1 HEADLIGHT BEAM LEVEL CONTROL ACTUATOR LH
Surrounding of taillight RH
The upper part of quarter wheel housing panel LH
Left rear side roof panel
EA : Front fender front apron RH(LHD)
ED : Front fender front apron LH(RHD)
Center of the back door
Front fender front apron RH
Surrounding of taillight RH
Front fender front apron LH

N OVERALL ELECTRICAL WIRING DIAGRAM




Power Source
Turn Signal and Hazard Warning Light
* 1 : Australia, Singapore, Hong Kong
* 2 : Except *1
1
2
3
4
FLASHER RELAY
IG
GND
EHW
EL
ER
LL
LR
+B
I11
IGNITION SW
AM1
ACC
IG1
20A HAZ-HORN
7.5A AM1
10A GAUGE
IG1 RELAY 1
EA1
100A
AM-1
80A
AM2
140A
ALT
FL
MAIN
3.0W
BATTERY
H13
HAZARD
SW
To Multiplex
Network
Body ECU
<9-3>
C13 A, B
TURN SIGNAL
SW[COMB. SW]
TL
TB
TR
RH
LH
C12
TURN SIGNAL
INDICATOR LIGHT
[COMB. METER]
J 4
JUNCTION
CONNECTOR
J 1
JUNCTION
CONNECTOR
J26 A, J27 B
T 3
TURN SIGNAL
LIGHT FRONT LH
F 7
FRONT SIDE TURN
SIGNAL LIGHT LH
T 9
TURN SIGNAL
LIGHT REAR LH
T 4
TURN SIGNAL
LIGHT FRONT RH
F 8
FRONT SIDE TURN
SIGNAL LIGHT RH
T10
TURN SIGNAL
LIGHT REAR RH
J25
JUNCTION
CONNECTOR
BH
Surrounding of
taillight RH
Front fender
front apron LH
ED
The upper part of
quarter wheel
housing panel LH
BC
EA
Front fender
front apron RH

N OVERALL ELECTRICAL WIRING DIAGRAM



Power Source

Taillight

1 2 3 4

* 1 : Australia, Singapore, Hong Kong
* 2 : Except *1
* 3 : Except U. K.
* 4 : U. K.
* 5 : w/ Daytime Running Light
* 6 : w/o Daytime Running Light

W

2 5J

7.5A TAIL (R)

7.5A TAIL (L)

2 TAILR

9 TAILL

M1 A, M2 B MULTIPLEX NETWORK BODY ECU

8 A HAZ

From Flasher Relay <7-2>

G-O

TSW 1 A

TLPR 10 B

TLPL 4

GND1 24

G-Y (*5)

G-W (*5)

G (*5)

3 TAIL

9 INTB

T

TOUT 7

2

D1 DAYTIME RUNNING LIGHT

15 A (*1)

14 B (*2)

C13 A, B LIGHT CONTROL SW [COMB. SW]

	EL	T	H
OFF			
TAIL		●	●
HEAD		●	●

9 A (*1)

16 B (*2)

W-B

3E

2E

IL2

14 3D

15 3E

W-B

140A ALT

B-L

FL MAIN 3.0W

BATTERY

W-B

To Diode(Idle-Up)<31-3>

G (*5)

G (LHD *6)

G (RHD)

G (LHD)

G (LHD *6)

17 3D

6 3D

5 3D

14 3B

13 3C

4 3C

10 A

22 B

C11 A, C12 B TAILLIGHT INDICATOR LIGHT [COMB. METER]

21 4B

6 4C

4 4A

5 4E

5A

4 5C

1 5I

4 5F

R16 TAILLIGHT RH [REAR COMB. LIGHT RH]

F4 FRONT CLEARANCE LIGHT RH

F3 FRONT CLEARANCE LIGHT LH

J26 JUNCTION CONNECTOR

W-B (LHD)

W-B (RHD)

J3 JUNCTION CONNECTOR

A A A

G (RHD)

G (LHD)

7 BE1

8 BG1

J28 JUNCTION CONNECTOR

B B B B

R14 TAILLIGHT LH [REAR COMB. LIGHT LH]

R15 TAILLIGHT LH [REAR COMB. LIGHT LH]

R17 TAILLIGHT RH [REAR COMB. LIGHT RH]

L1 LICENSE PLATE LIGHT LH

L2 LICENSE PLATE LIGHT RH

J29 JUNCTION CONNECTOR

J25 JUNCTION CONNECTOR

6 BG1

W-B (*3) W (*4)

Surrounding of taillight RH — BH

Front fender front apron RH — EA

Front fender front apron LH — ED

The upper part of quarter wheel housing panel LH — BC

Rear of the left side of the roof panel — BE

(Cont. next page)

Power Source

Illumination (LHD)

* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
* 3 : w/ Display

1 2 3 4

I11 IGNITION SW

AM2 IG2 ST2

7.5A TAIL(R)

7.5A TAIL(L)

M 1 (A), M 2 (B) MULTIPLEX NETWORK BODY ECU

TAILR TAILL GND2 TLPR TSW TLPL

See Taillight System<9-1>

140A ALT

30A AM2-2

FL MAIN 3. 0W

BATTERY

IJ1 IE2 IB4 IA2

ILL+ GND

R 9 REAR A/C CONTROL SW

J23 (A), J24 (B) JUNCTION CONNECTOR

J11 (A), J12 (B) JUNCTION CONNECTOR

F15 FRONT BLOWER SW

F10 FRONT A/C CONTROL SW

J 7 JUNCTION CONNECTOR

IC Upper part of front body pillar RH

ED Front fender front apron LH

D 1 DAYTIME RUNNING LIGHT RELAY

INTB TOUT

R 4 RADIO AND PLAYER

R 2 RADIO AND PLAYER

S 4 SEAT HEATER SW (Driver's Seat)

S 5 SEAT HEATER SW (Front Passenger's Seat)

A26 ASHTRAY ILLUMINATION

P 3 POWER HEATER SW

H14 HEADLIGHT BEAM LEVEL CONTROL SW

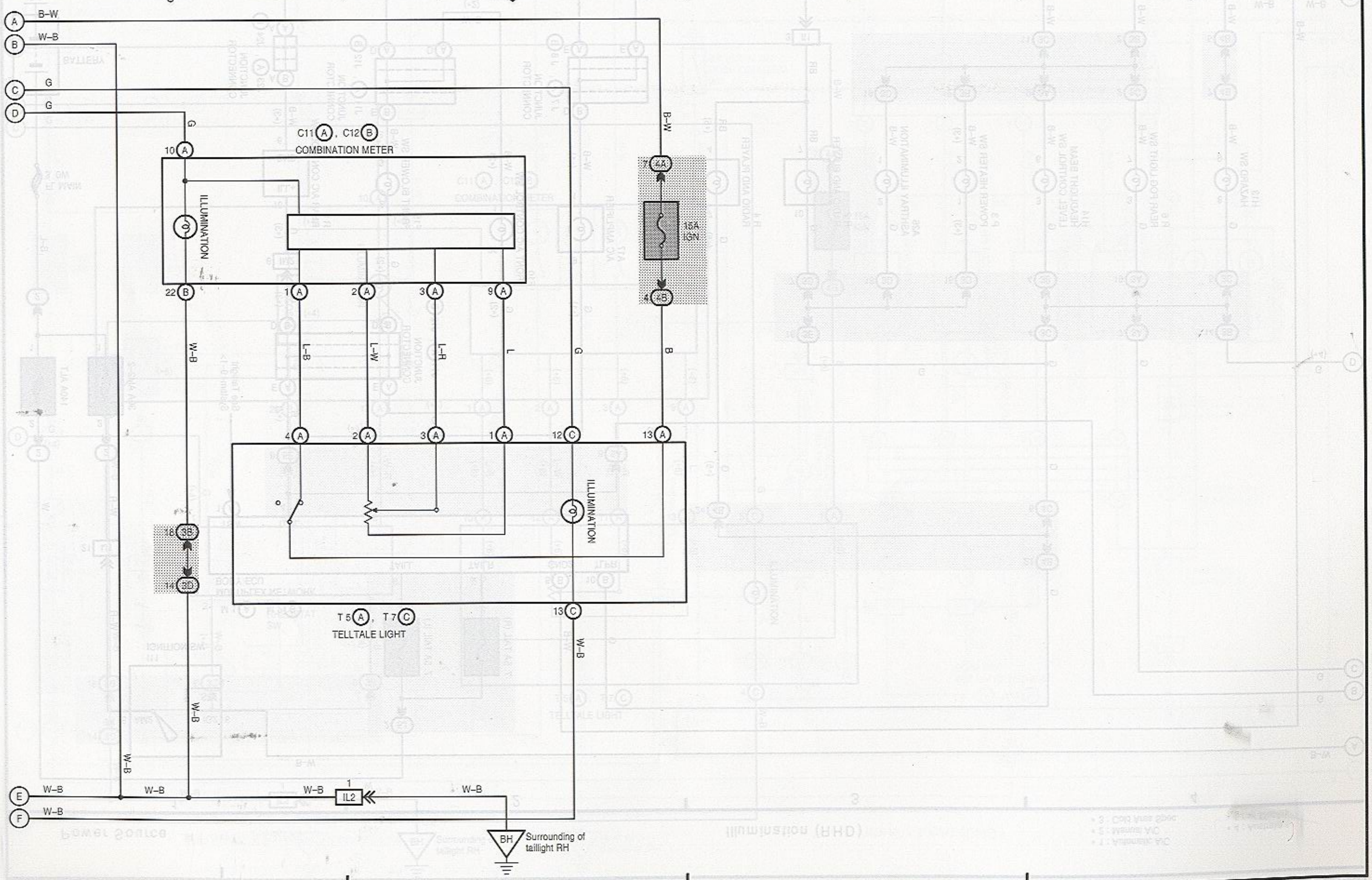
R 6 REAR FOG LIGHT SW

H13 HAZARD SW

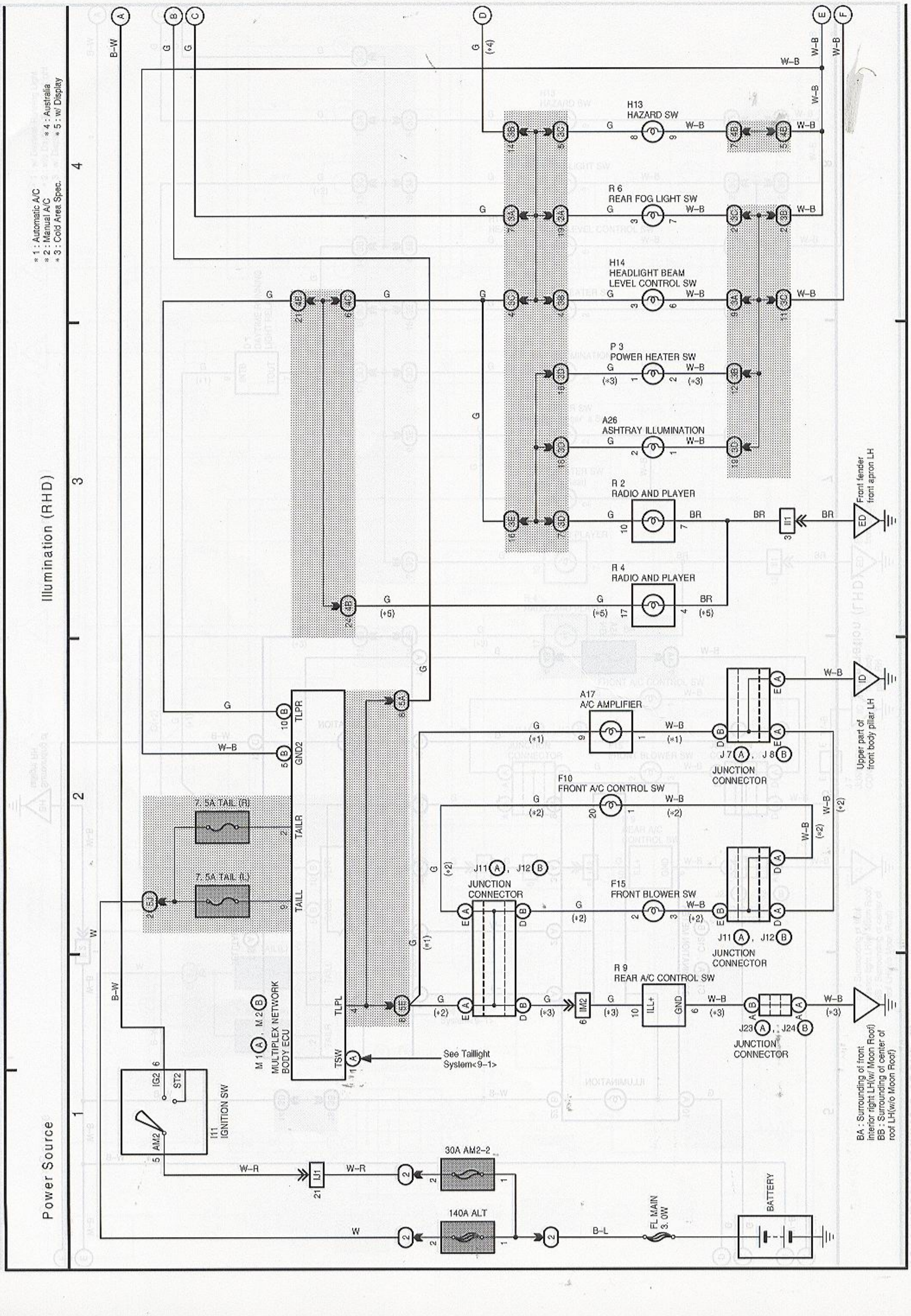
H11 HEADLIGHT BEAM LEVEL CONTROL SW

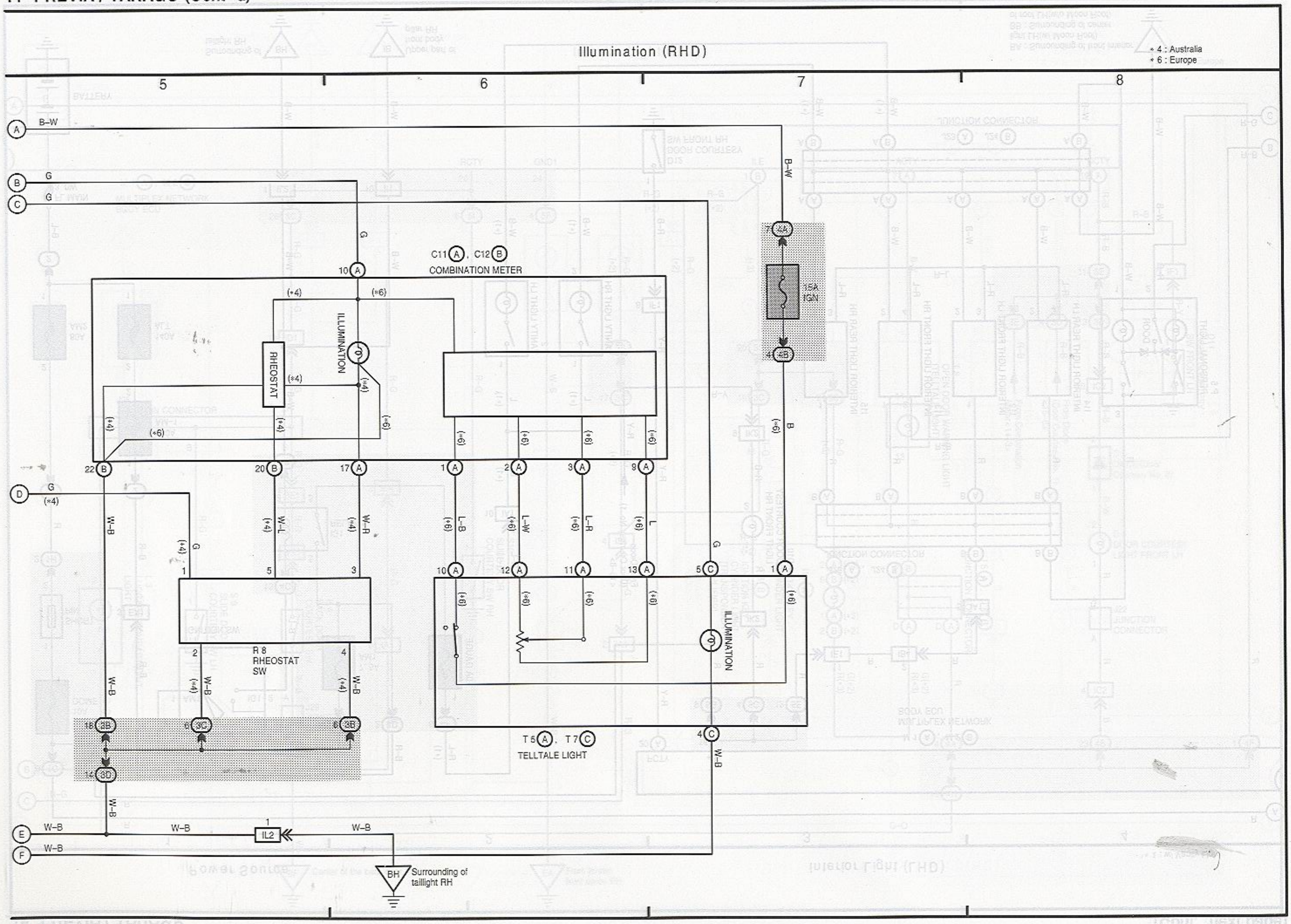
BA : Surrounding of front interior light LH(w/ Moon Roof)
BB : Surrounding of center of roof LH(w/o Moon Roof)

Illumination (LHD)

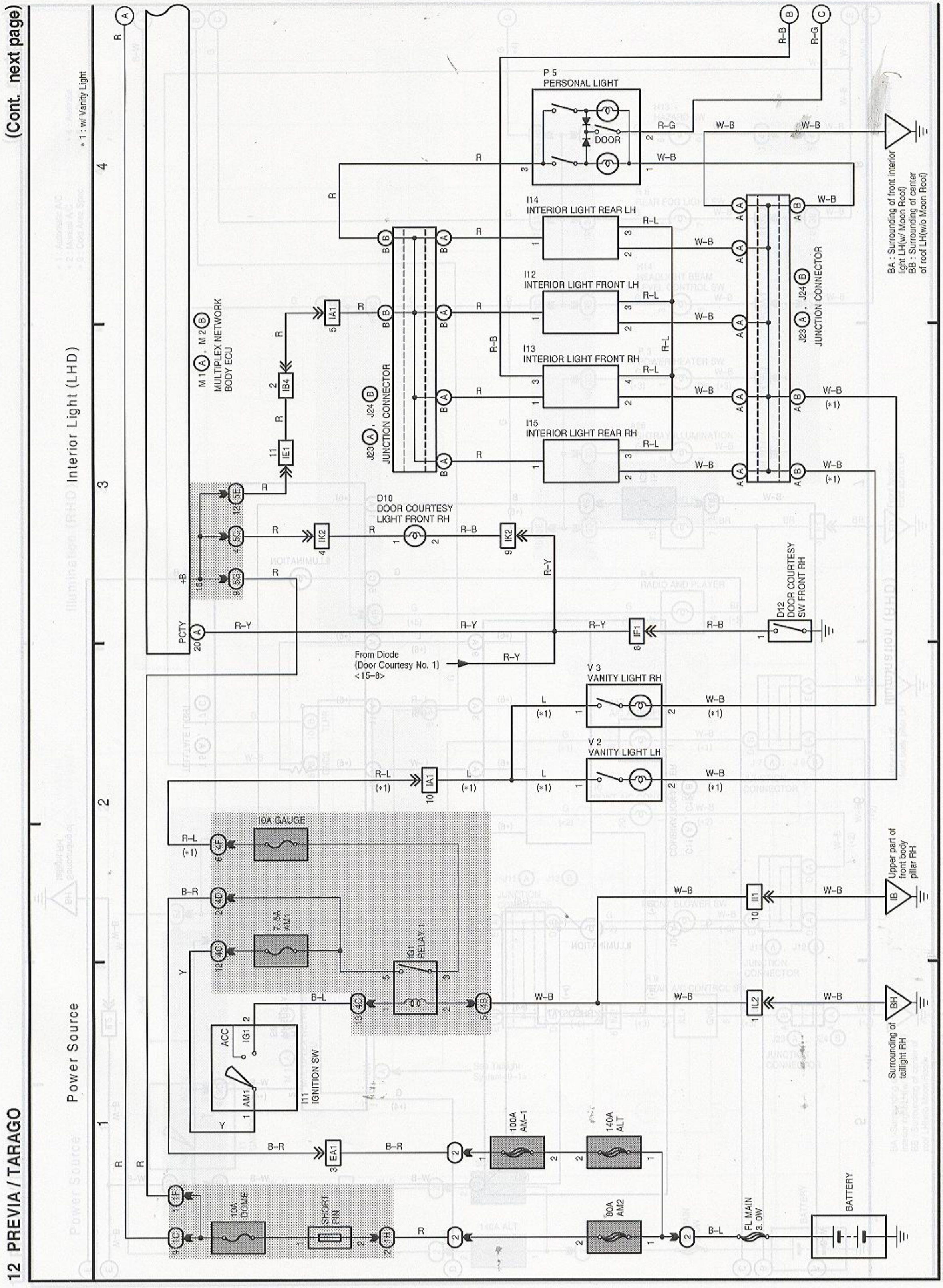


N OVERALL ELECTRICAL WIRING DIAGRAM




Illumination (RHD)
* 4 : Australia
* 6 : Europe
5
6
7
8
B–W
G
C11 A, C12 B
COMBINATION METER
ILLUMINATION
RHEOSTAT
15A IGN
R 8 RHEOSTAT SW
T 5 A, T 7 C
TELLTALE LIGHT
W–B
W–L
W–R
L–B
L–W
L–R
L
IL2
BH
Surrounding of taillight RH

N OVERALL ELECTRICAL WIRING DIAGRAM



Interior Light (LHD)

* 2 : Europe
* 3 : Except Europe

5 6 7 8

A R

M 1 A , M 2 B
MULTIPLEX NETWORK BODY ECU

RCTY GND1 ILE ACTY DCTY

J25 JUNCTION CONNECTOR

L 3 LUGGAGE COMPARTMENT LIGHT

S 9 SLIDE DOOR COURTESY SW LH

B 4 BACK DOOR COURTESY SW

J29 JUNCTION CONNECTOR

S10 SLIDE DOOR COURTESY SW RH

T 6 OPEN DOOR WARNING LIGHT [TELLTALE LIGHT]

From Combination Meter <14-3>

From Diode (Door Courtesy No. 1) <15-8>

D11 DOOR COURTESY SW FRONT LH

D 5 DIODE(Door Courtesy No. 2)

D 9 DOOR COURTESY LIGHT FRONT LH

J22 JUNCTION CONNECTOR

T 8 IGNITION KEY CYLINDER LIGHT [TRANSPONDER KEY AMPLIFIER]

I10 IGNITION KEY CYLINDER LIGHT

J 5 , J 6 JUNCTION CONNECTOR

B R-B
C R-G

BF Center of the back door

EA Front fender front apron RH

(Cont. next page)

Power Source

Interior Light (RHD)

* 1 : w/ Vanity Light

1 2 3 4

R

10A DOME

SHORT PIN

I11 IGNITION SW

ACC IG1 AM1

7.5A AM1

7.5A ACC

IG1 RELAY 1

100A AM-1

80A AM2

140A ALT

FL MAIN 3.0W

BATTERY

Surrounding of taillight RH

Upper part of front body pillar RH

M1 (A), M2 (B) MULTIPLEX NETWORK BODY ECU

PCTY +B

D9 DOOR COURTESY LIGHT FRONT LH

D11 DOOR COURTESY SW FRONT LH

From Diode (Door Courtesy No. 1)<16-8>

V2 VANITY LIGHT LH

V3 VANITY LIGHT RH

J14 (A), J15 (B) JUNCTION CONNECTOR

J23 (A), J24 (B) JUNCTION CONNECTOR

I15 INTERIOR LIGHT REAR RH

I13 INTERIOR LIGHT FRONT RH

I12 INTERIOR LIGHT FRONT LH

I14 INTERIOR LIGHT REAR LH

P5 PERSONAL LIGHT

DOOR

R-B (C)

R-G (D)

BA : Surrounding of front interior light LH(w/ Moon Roof)

BB : Surrounding of center of roof LH(w/o Moon Roof)

Interior Light (RHD)

* 2 : Automatic A/C
* 3 : Manual A/C
* 4 : Singapore
* 5 : Except Singapore

5 6 7 8

RCTY GND1 ILE ACTY DCTY

M 1 (A), M 2 (B) MULTIPLEX NETWORK BODY ECU

L3 LUGGAGE COMPARTMENT LIGHT

J25 JUNCTION CONNECTOR

S9 SLIDE DOOR COURTESY SW LH

B4 BACK DOOR COURTESY SW

S10 SLIDE DOOR COURTESY SW RH

J29 JUNCTION CONNECTOR

T6 OPEN DOOR WARNING LIGHT [TELLTALE LIGHT]

I10 IGNITION KEY CYLINDER LIGHT [TRANSPONDER KEY AMPLIFIER]

T8 IGNITION KEY CYLINDER LIGHT

J5, J6 JUNCTION CONNECTOR

From Combination Meter <14-3>

From Diode (Door Courtesy No. 1)

D12 DOOR COURTESY SW FRONT RH

D5 DIODE(Door Courtesy No. 2)

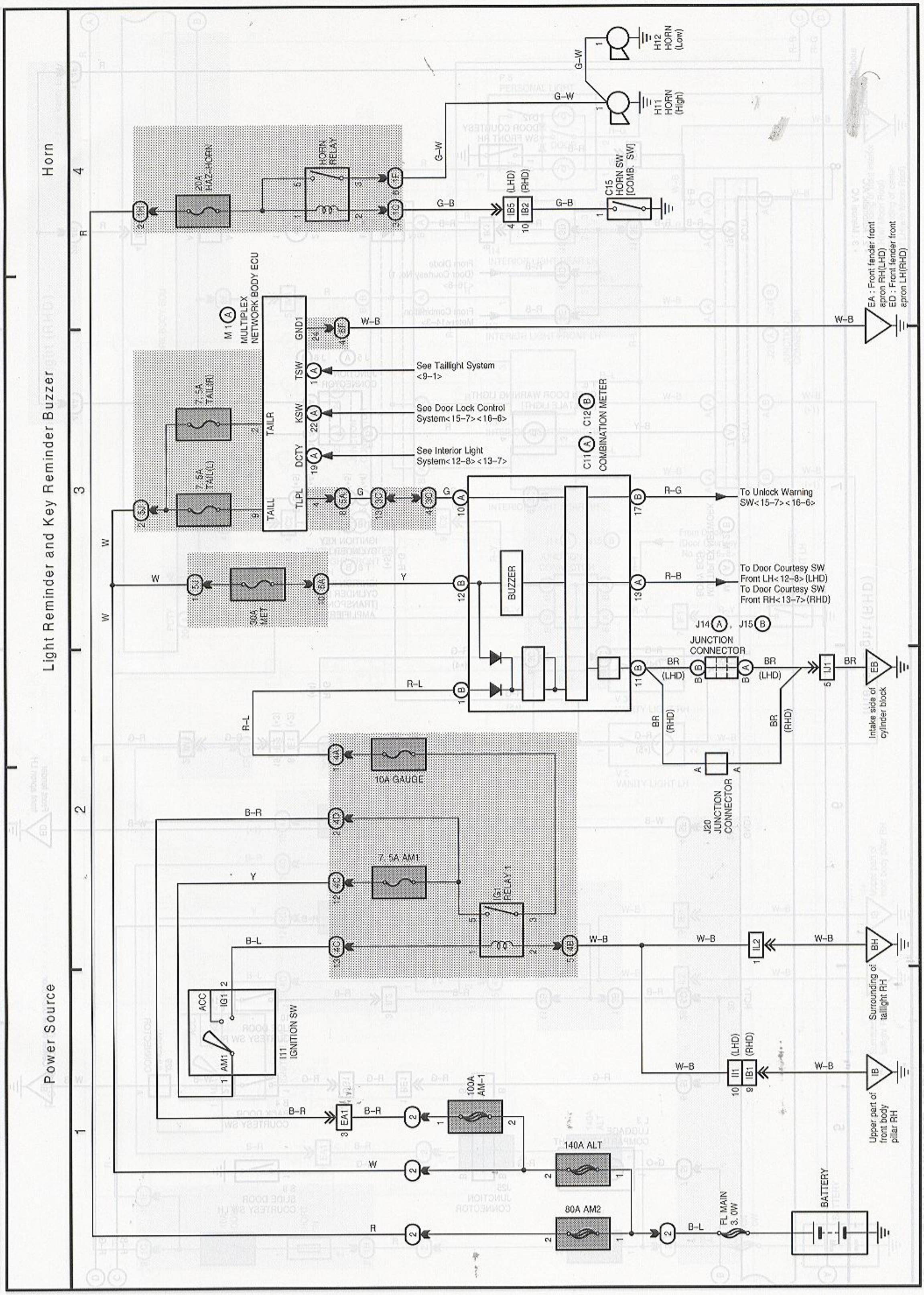
D10 DOOR COURTESY LIGHT FRONT RH

J22 JUNCTION CONNECTOR

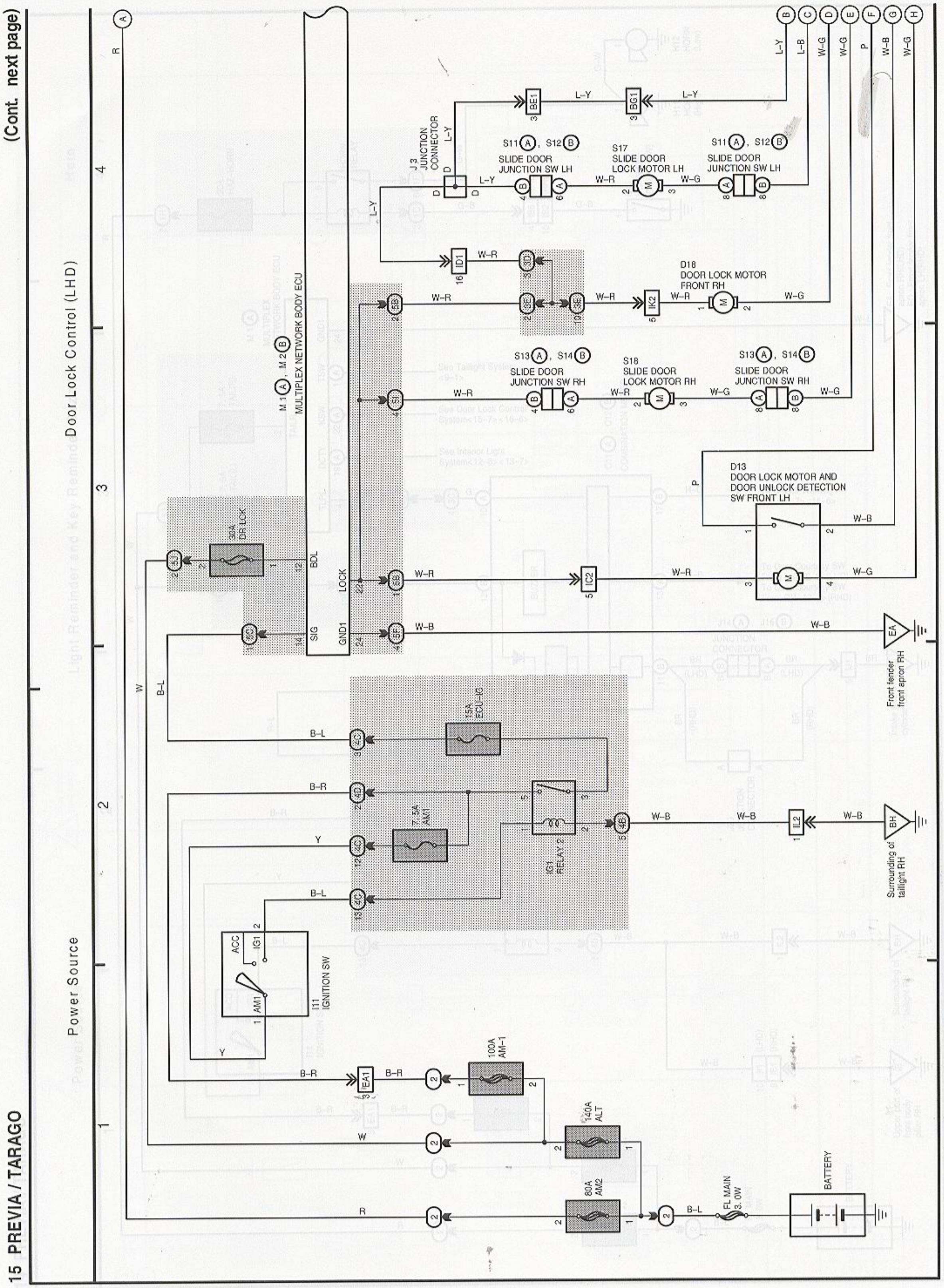
BF Center of the back door

ED Front fender front apron LH

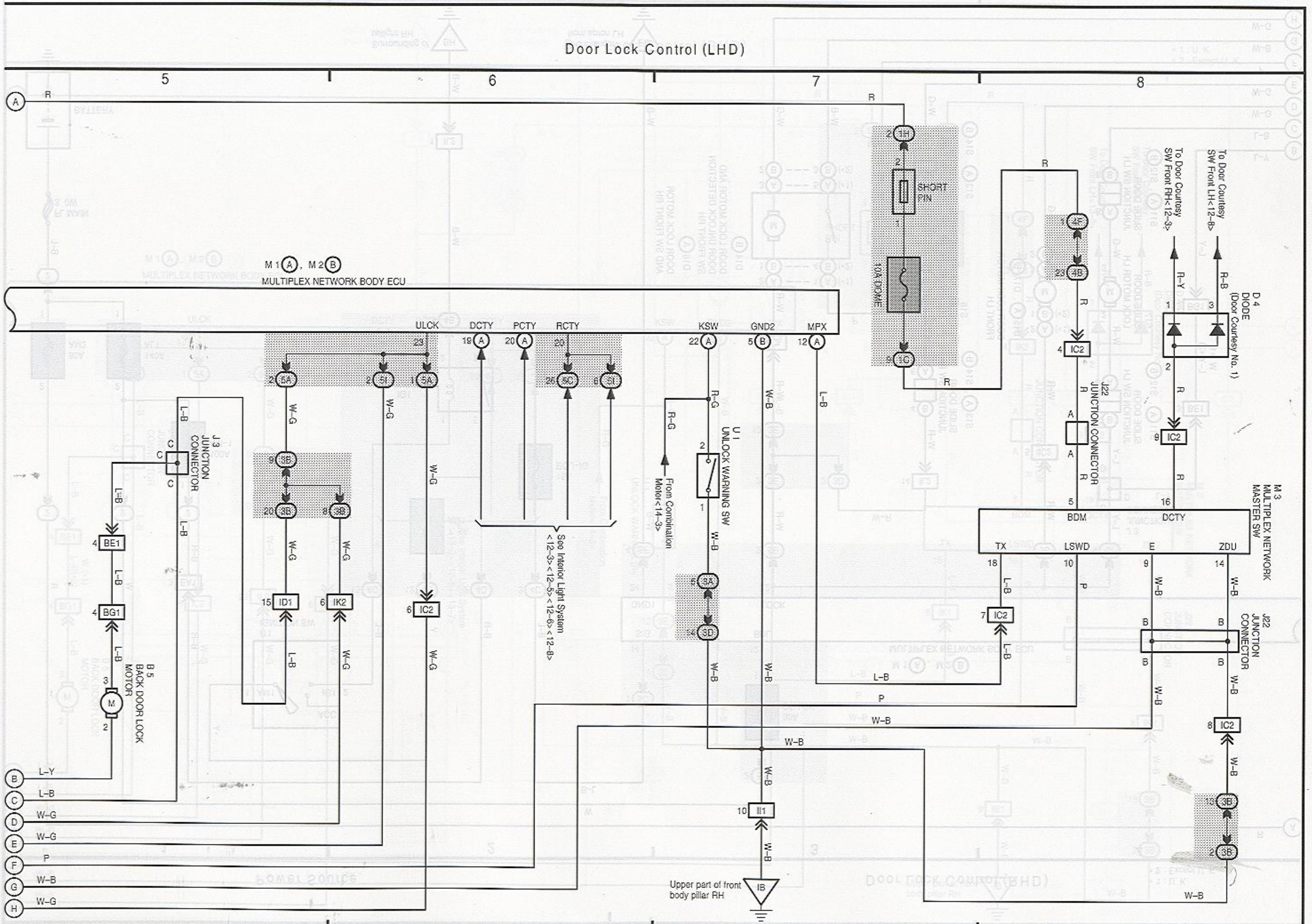
N OVERALL ELECTRICAL WIRING DIAGRAM



N OVERALL ELECTRICAL WIRING DIAGRAM



Door Lock Control (LHD)



(Cont. next page)

Power Source

Door Lock Control (RHD)

* 1 : U. K.
* 2 : Except U. K.

1 2 3 4

R

W

B-L

Y

ACC

AM1

IG1

I11
IGNITION SW

B-R

B-L

Y

B-R

B-L

5J 2

30A
DR LCK

5C 14

12

M1 A , M2 B
MULTIPLEX NETWORK BODY ECU

SIG

BDL

GND1

LOCK

24

22

4F

2B

1B

4I

J3
JUNCTION
CONNECTOR

L-Y

W-B

W-R

W-R

W-R

3E

3D

10E

14 IL2

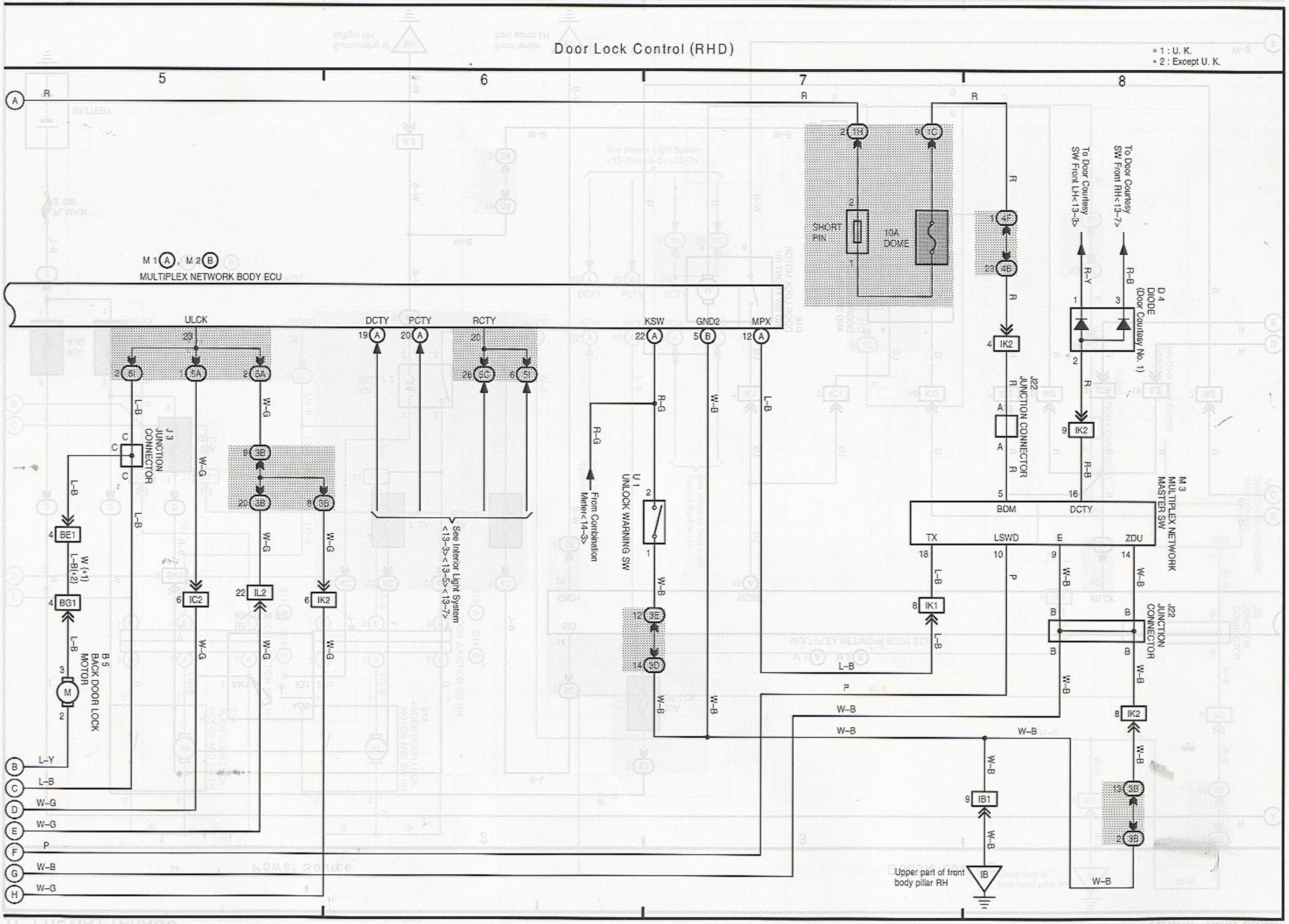
5 IC2

5 IK2

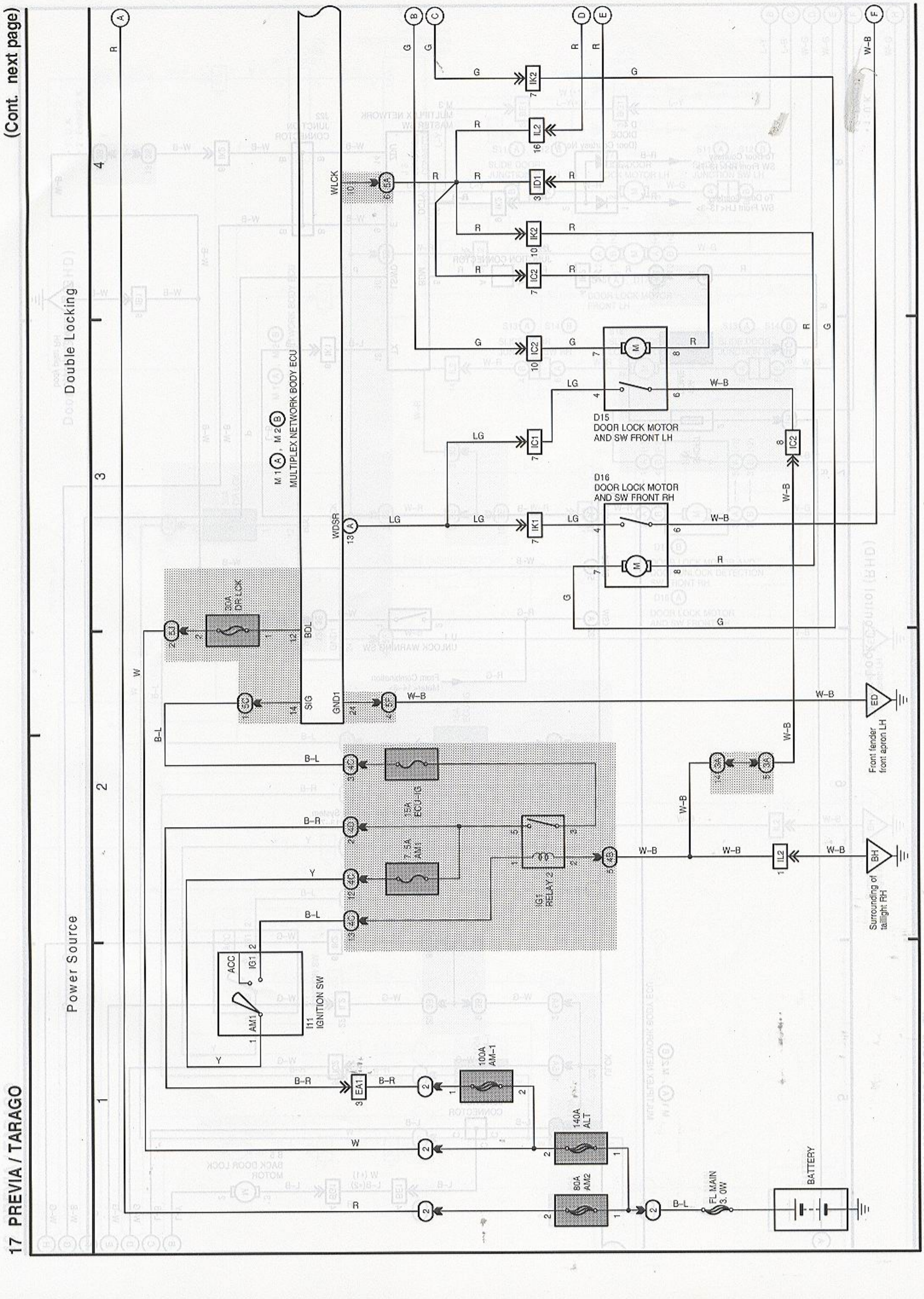
W-R

W-R

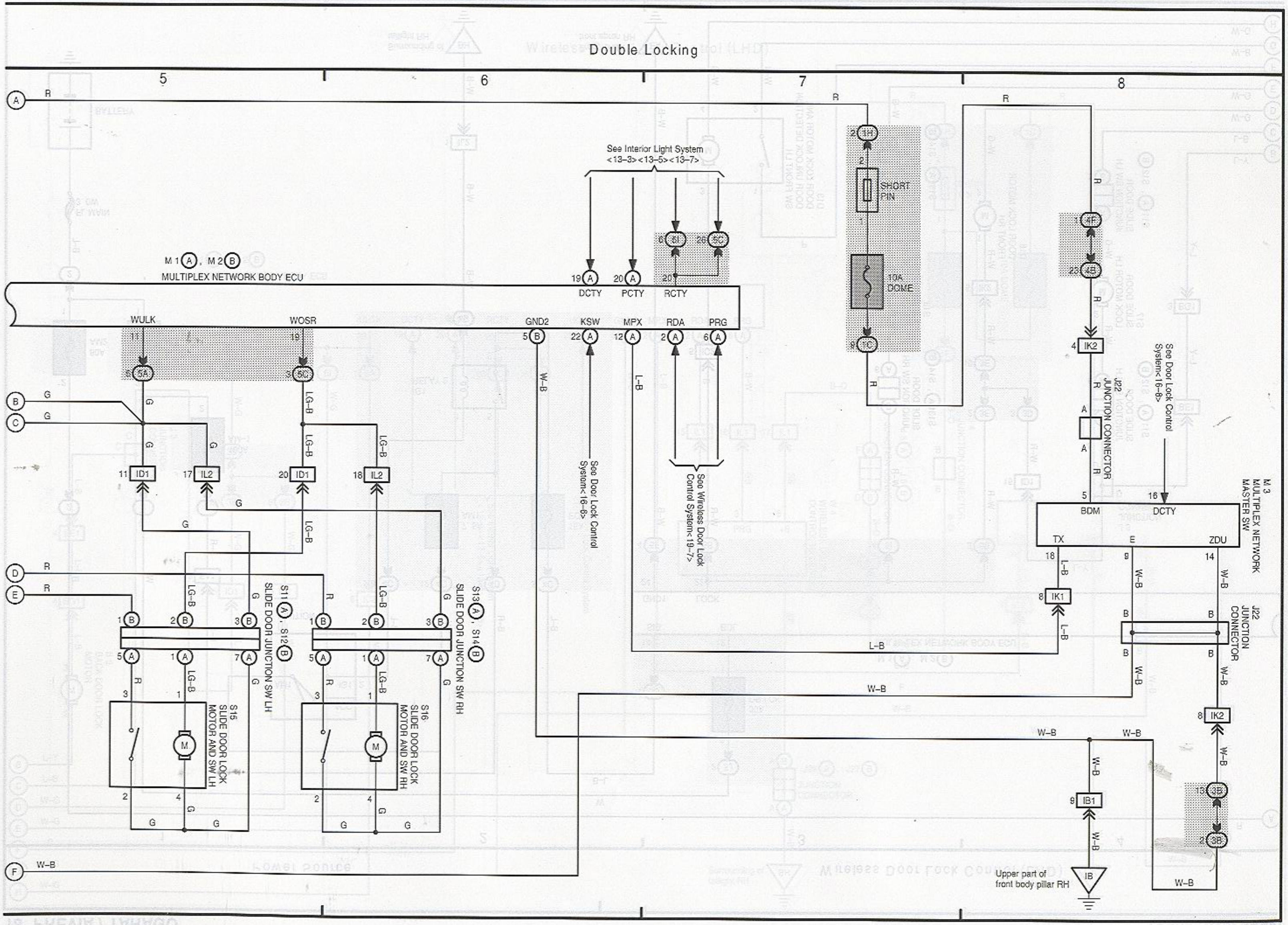
W-R


Door Lock Control (RHD)
* 1 : U. K.
* 2 : Except U. K.
5
6
7
8
M 1 (A), M 2 (B)
MULTIPLEX NETWORK BODY ECU
ULCK
DCTY
PCTY
RCTY
KSW
GND2
MPX
SHORT PIN
10A DOME
To Door Courtesy SW Front LH<13-3>
To Door Courtesy SW Front RH<13-7>
D 4 DIODE (Door Courtesy No. 1)
J 3 JUNCTION CONNECTOR
B 5 BACK DOOR LOCK MOTOR
See Interior Light System <13-3><13-5><13-7>
From Combination Meter<14-3>
U 1 UNLOCK WARNING SW
J22 JUNCTION CONNECTOR
M 3 MULTIPLEX NETWORK MASTER SW
BDM
DCTY
TX
LSWD
E
ZDU
Upper part of front body pillar RH
IB

N OVERALL ELECTRICAL WIRING DIAGRAM



Double Locking



(Cont. next page)

Power Source

Wireless Door Lock Control (LHD)

1 2 3 4

R
W
B-L
Y
B-R
L-B
L-Y
W-B
W-R
W-G
P
G
B

I11 IGNITION SW
ACC
AM1
IG1

EA1
100A AM-1
80A AM2
140A ALT
FL MAIN 3. 0W
BATTERY

7. 5A AM1
15A ECU-IG
IG1 RELAY 2

30A DR LCK

M1 A, M2 B
MULTIPLEX NETWORK BODY ECU
SIG
BDL
GND1
LOCK

IC2
D13 DOOR LOCK MOTOR AND DOOR UNLOCK DETECTION SW FRONT LH

S13 A, S14 B SLIDE DOOR JUNCTION SW RH
S18 SLIDE DOOR LOCK MOTOR RH

D18 DOOR LOCK MOTOR FRONT RH

S11 A, S12 B SLIDE DOOR JUNCTION SW LH
S17 SLIDE DOOR LOCK MOTOR LH

J3 JUNCTION CONNECTOR

ID1
IK2
BE1
BG1
IL2

Surrounding of taillight RH
BH
Front fender front apron RH
EA

(Cont. next page)

Power Source

Wireless Door Lock Control (LHD)

1 2 3 4

R

W

B–L

Y

B–R

ACC

AM1

IG1

I11
IGNITION SW

EA1

100A
AM–1

80A
AM2

140A
ALT

FL MAIN
3. 0W

BATTERY

7. 5A
AM1

15A
ECU–IG

IG1
RELAY 2

IL2

Surrounding of taillight RH

BH

30A
DR LCK

M 1 A , M 2 B
MULTIPLEX NETWORK BODY ECU

SIG

BDL

GND1

LOCK

W–B

W–R

W–G

L–Y

L–B

P

IC2

D13
DOOR LOCK MOTOR AND
DOOR UNLOCK DETECTION
SW FRONT LH

Front fender front apron RH

EA

J 3
JUNCTION
CONNECTOR

ID1

BE1

BG1

S11 A , S12 B
SLIDE DOOR
JUNCTION SW LH

S17
SLIDE DOOR
LOCK MOTOR LH

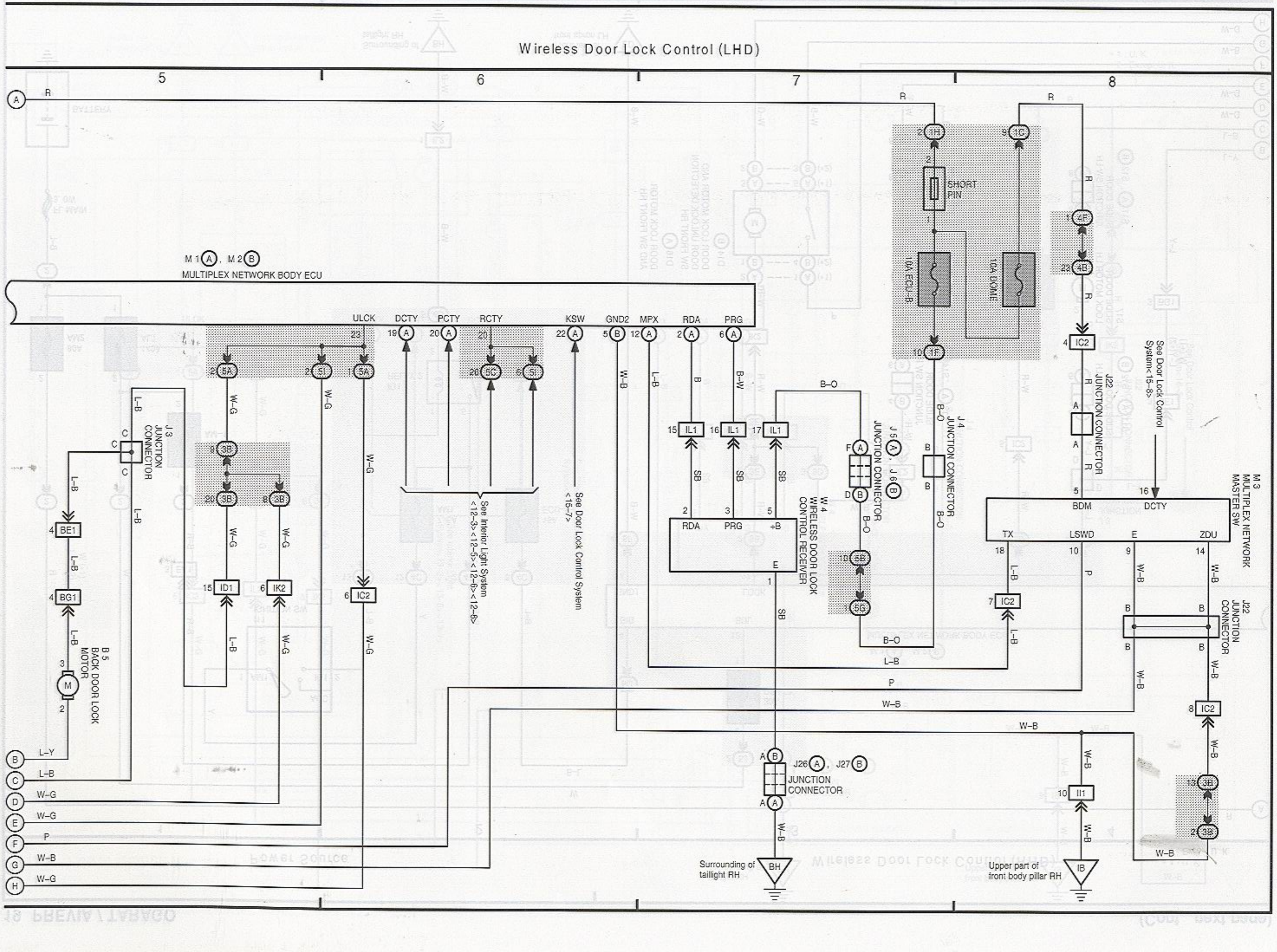
S13 A , S14 B
SLIDE DOOR
JUNCTION SW RH

S18
SLIDE DOOR
LOCK MOTOR RH

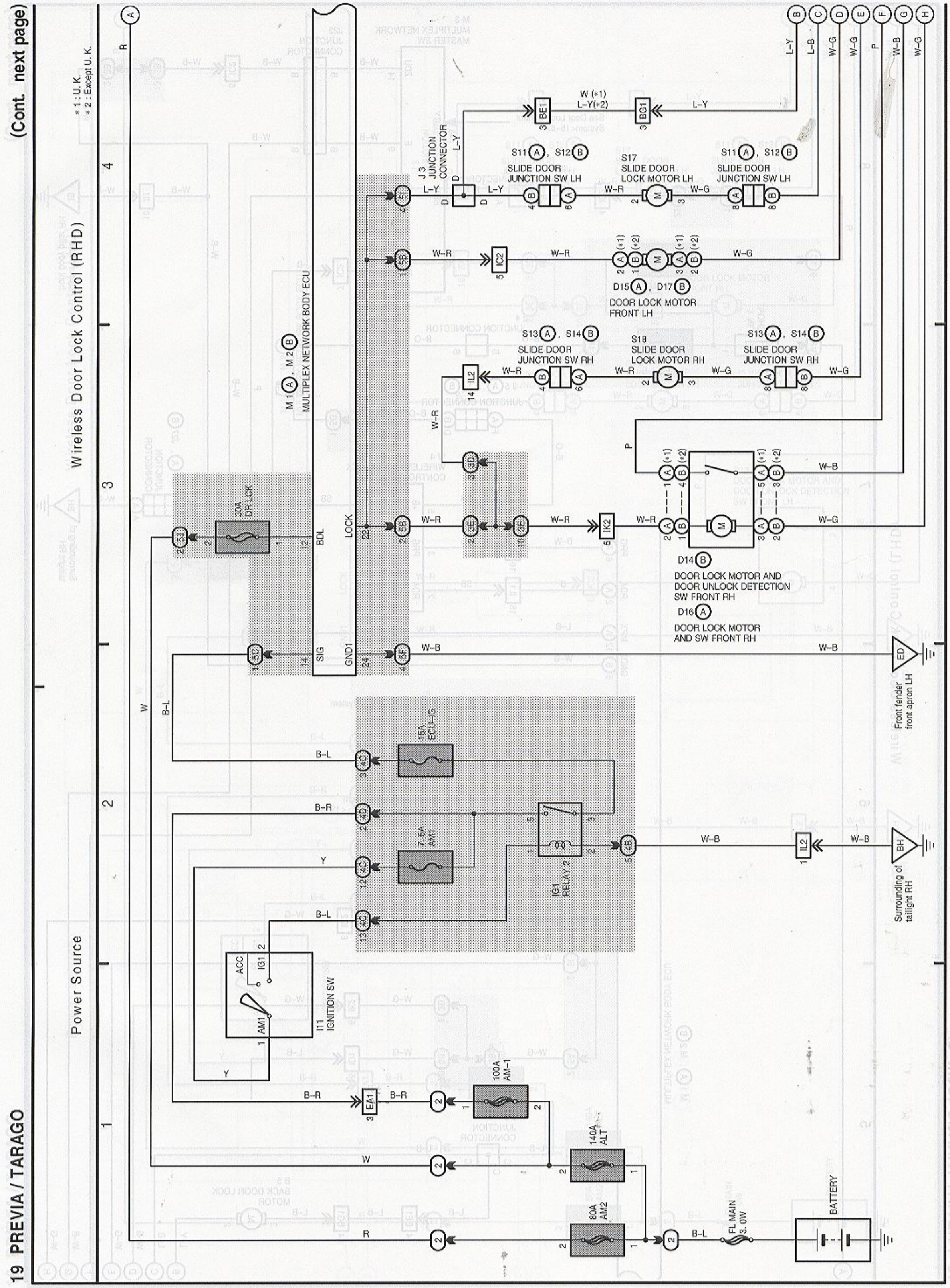
IK2

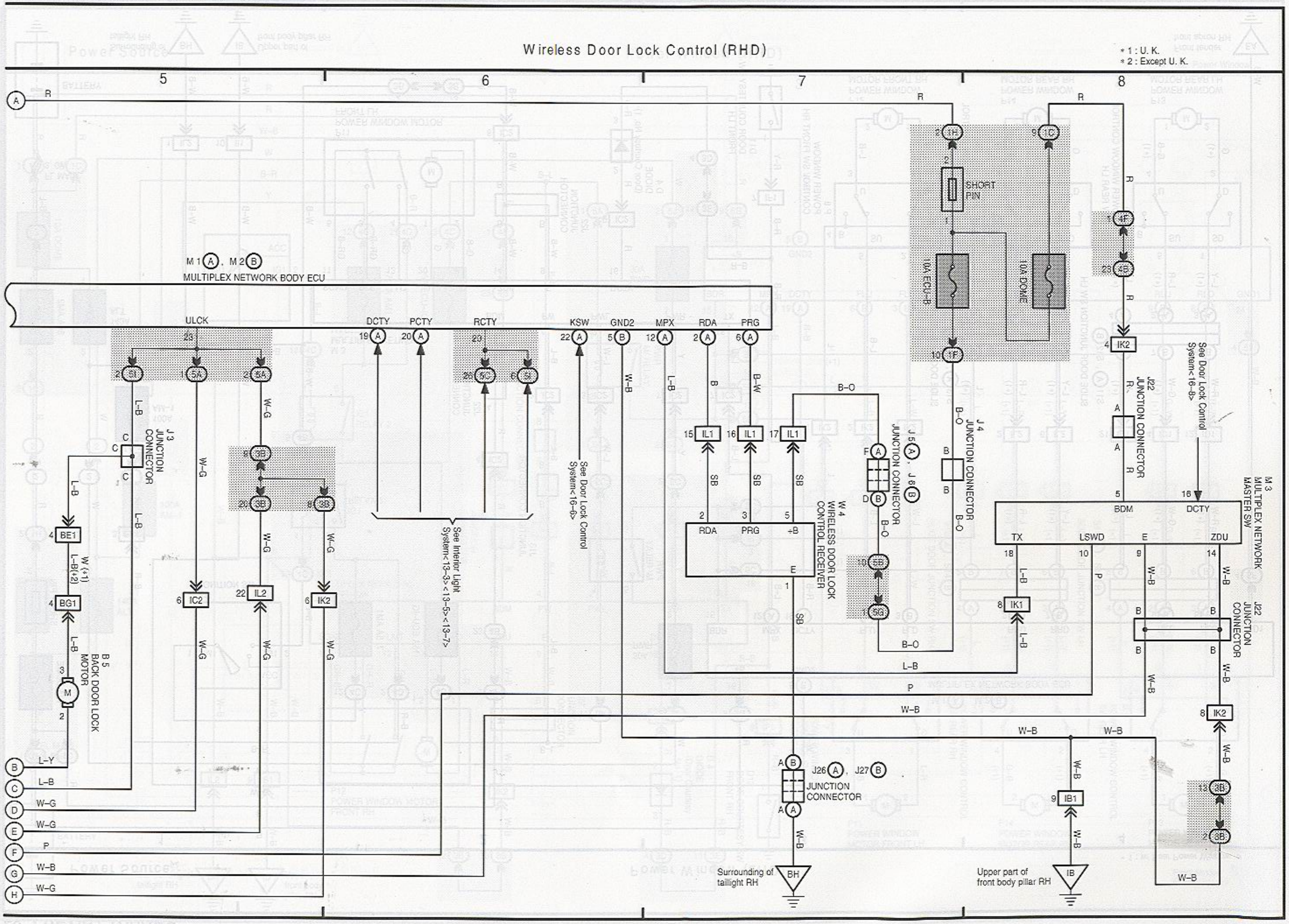
D18
DOOR LOCK MOTOR
FRONT RH

Wireless Door Lock Control (LHD)

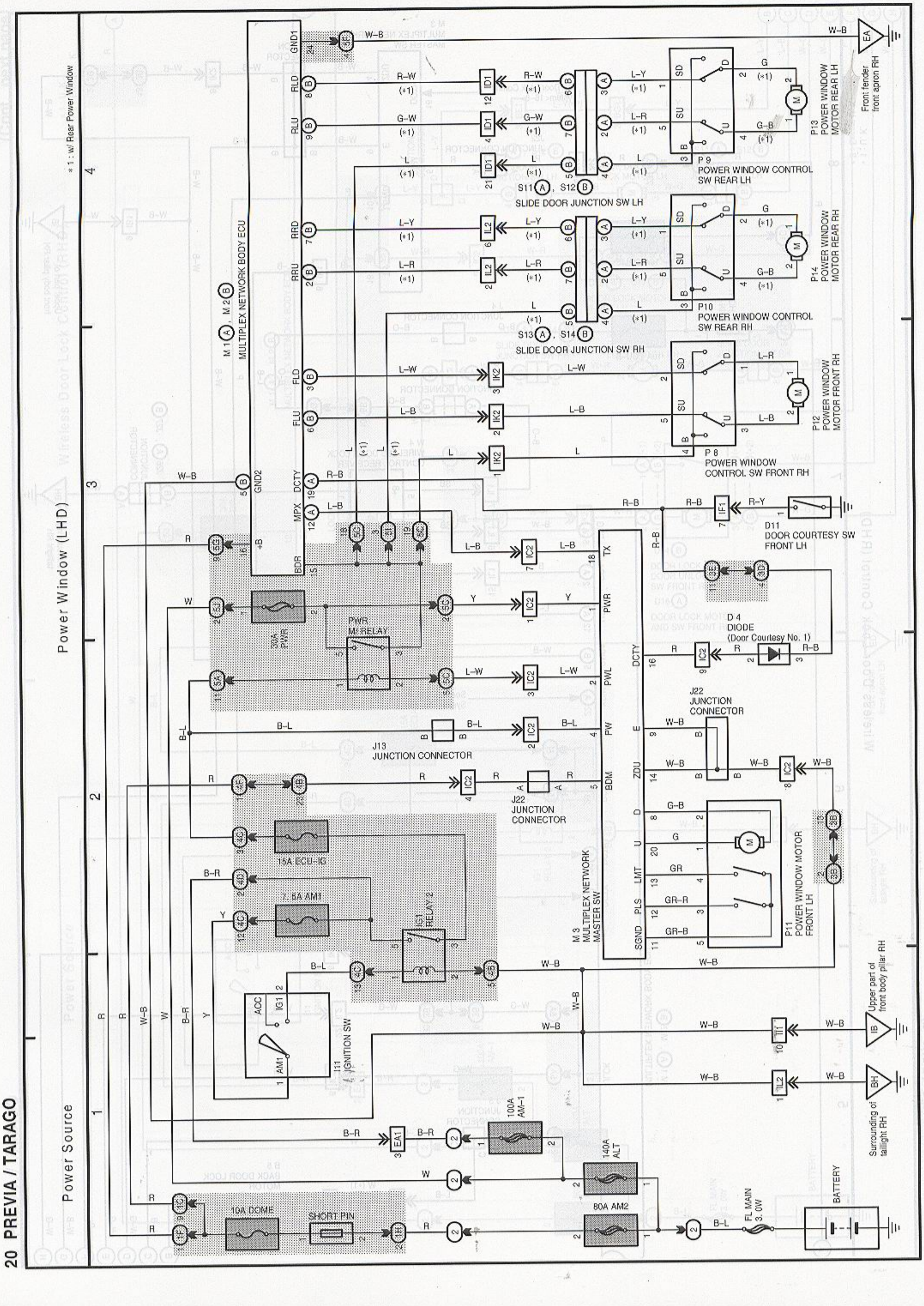


N OVERALL ELECTRICAL WIRING DIAGRAM




Wireless Door Lock Control (RHD)
* 1 : U. K.
* 2 : Except U. K.
5
6
7
8
M1 A, M2 B
MULTIPLEX NETWORK BODY ECU
ULCK
DCTY
PCTY
RCTY
KSW
GND2
MPX
RDA
PRG
SHORT PIN
10A ECU-B
10A DOME
J3 JUNCTION CONNECTOR
B5 BACK DOOR LOCK MOTOR
W4 WIRELESS DOOR LOCK CONTROL RECEIVER
J5 A, J6 B JUNCTION CONNECTOR
J4 JUNCTION CONNECTOR
J22 JUNCTION CONNECTOR
M3 MULTIPLEX NETWORK MASTER SW
See Door Lock Control System<16-8>
See Door Lock Control System<16-6>
See Interior Light System<13-3><13-5><13-7>
J26 A, J27 B JUNCTION CONNECTOR
Surrounding of taillight RH
Upper part of front body pillar RH
BH
IB
BDM
DCTY
TX
LSWD
E
ZDU
L-Y
L-B
W-G
P
W-B
B-O
SB
R

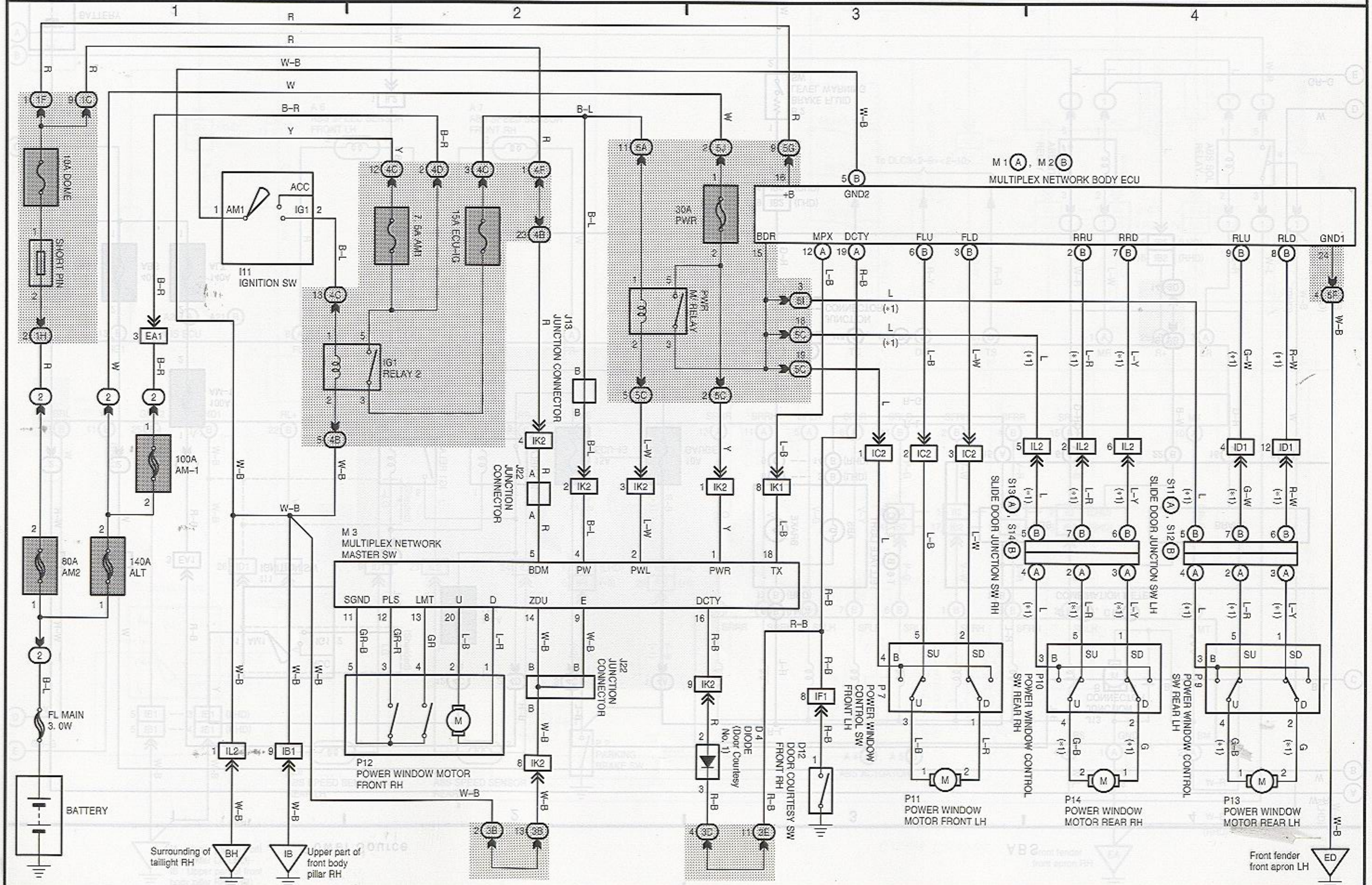
N OVERALL ELECTRICAL WIRING DIAGRAM



Power Source

Power Window (RHD)

* 1 : w/ Rear Power Window



(Cont. next page)

Power Source

ABS

1 2 3 4

W-R
W
B-R
Y
B-L
R-L
B-L
W-R
W-R
W-R

ABS

* 1 : Australia
* 2 : Except Australia
* 3 : RHD *2
* 4 : Manual A/C
* 5 : Automatic A/C

5 6 7 8

A W–R
B W
C B–L

A6 ABS SPEED SENSOR FRONT LH
A7 ABS SPEED SENSOR FRONT RH
From Stop Light SW<5–2>
To DLC3<2–9><2–10>
ABS MTR RELAY
ABS SOL RELAY

A20 (A), A21 (B) ABS ECU
13 (B) IG1
8 (A) FL+
2 (A) FL–
3 (A) FR+
9 (A) FR–
5 (B) STP
8 (B) TC
24 (B) D/G
21 (B) TS
1 (A) MR
26 (B) R+
7 (A) SR

6 IB5 (LHD)
18 IB2 (RHD)

BRL WA GND2 GND1 RL+ RL– RR+ RR– PKB SRRR SRRH SFLH SFLR SRLR SFRH SFRR SRLH MT

18 (B) W
11 (B) GR–G
25 (B) W–B
12 (B) W–B
22 (B) V
9 (B) LG
10 (B) L
23 (B) P
6 (B) R–B (*2)
R–B (*1)
12 (A) O
11 (A) V
5 (A) V–G
6 (A) V–Y
14 (B) P–G
2 (B) V–W
1 (B) V–R
15 (B) P–B
10 (A) GR–G

(Shielded)

26 ID1 10 ID1 9 ID1
23 IL2 24 IL2
6 IF1 (LHD) 6 IF1 (*3) 7 IE1 (*4) 20 IE2 (*5)
6 II2 14 IB2 1 II2 17 IB2 5 II2 16 IB2 2 II2 15 IB2 (LHD) (RHD)

D W
E GR–G
5 IB1 3 IB1 (LHD)
5 IB1 4 IB1 (RHD)

A26 ABS SPEED SENSOR REAR LH
A29 ABS SPEED SENSOR REAR RH
P 2 PARKING BRAKE SW

8 (B) SRRR 4 (B) SRRH 3 (B) SFLH 7 (B) SFLR 6 (B) SRLR 1 (B) SFRH 5 (B) SFRR 2 (B) SRLH 3 (A) MT
M
BS GND BM
4 (A) 1 (A) 2 (A)
W–L W–B W–R

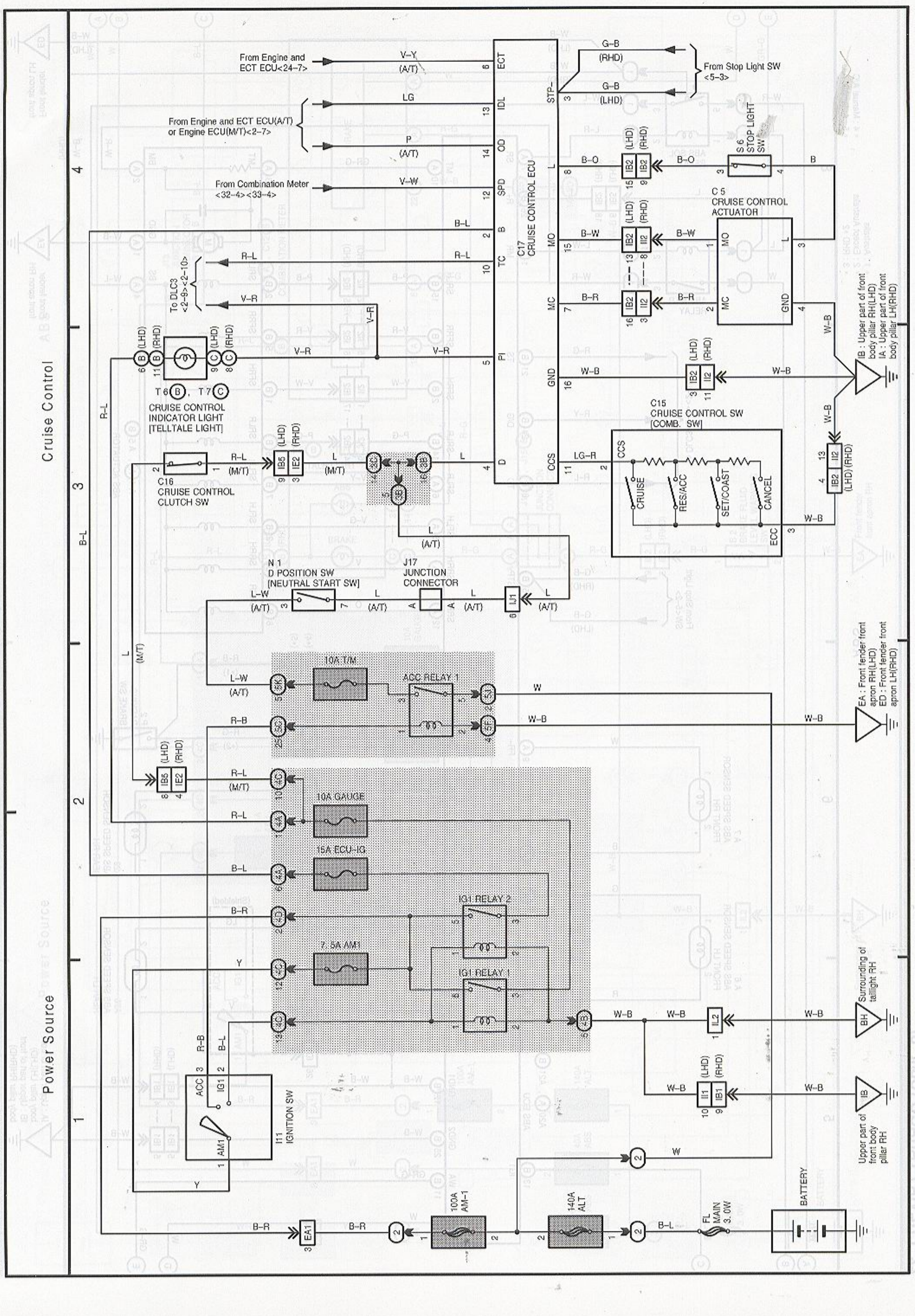
A4 (A), A5 (B) ABS ACTUATOR

W–B (RHD)
W–B (LHD)

Front fender front apron RH
EA
Front fender front apron LH
ED

IA : Upper part of front body pillar LH(LHD)
IB : Upper part of front body pillar RH(RHD)

N OVERALL ELECTRICAL WIRING DIAGRAM



(Cont. next page)

Power Source

ECT and A/T Indicator

1 2 3 4

I11 IGNITION SW

ACC 3 R–B
IG1 2 B–L
IG2 6 B–W
ST2 4 W
1 AM1
5 AM2

7.5A AM1
10A GAUGE
10A T/M
ACC RELAY-1
IG1 RELAY-1
15A IGN
7.5A STA
ST RELAY
15A EFI
EFI MAIN RELAY
100A AM-1
80A AM2
30A AM2-2
140A ALT
FL MAIN 3. 0W
BATTERY

10 IB1 W
B–W
B–R
Y
W–R
B–R
W
L–W
R–L
B–L
R–B
L–W
R
W–B
B–Y
L–Y
R–L
G

21 IJ1
3 EA1
19 IJ1
9 IJ1
10 II1 (LHD)
9 IB1 (RHD)
2 IB1 (LHD)
12 IB2 (RHD)
4 IB1 (LHD)
2 II1 (RHD)

MREL IGSW NSW STA

E4 A, E5 B, E6 C, E7 D, E8 E
ENGINE AND ECT ECU
+B BATT NC– NC+ NT– NT+

C3 COUNTER GEAR SPEED SENSOR
T2 TURBINE SPEED SENSOR

Upper part of front body pillar RH IB

EA : Front fender front apron RH(LHD)
ED : Front fender front apron LH(RHD)

EA Front fender front apron RH

(Cont. next page)

ECT and A/T Indicator

* 1 : LHD Europe

5 6 7 8

L-W A
R-L B

E1 ECT SOLENOID

E2 6 BR
THO 1 GR-G
SLT+ 2 V-W
SLT- 7 V-R
DSL 3 V-G
SL2+ 4 V
SL2- 9 P-B
SL1+ 5 P-G
SL1- 10 P-L
S4 8 V-Y

To Cruise Control ECU <23-4>
V-Y
3 IJ1

J18 JUNCTION CONNECTOR
J17 JUNCTION CONNECTOR

B-Y C
L D
L-B E
L-R F

See Engine Control System<2-5> <2-7> <2-8>

15 A STP
2 D VC
24 E VTA
22 E THW
18 D E2
17 E THO
6 E SLT+
5 E SLT-
6 C DSL
8 E SL2+
20 E SL2-
7 E SL1+
9 E SL1-
12 C S4
2 B R
1 C D
7 C 2
13 C L

E 4 A, E 5 B, E 6 C, E 7 D, E 8 E
ENGINE AND ECT ECU

E01 21 E W-B
E02 31 E W-B
E04 1 D (Except Australia) W-B
E05 8 D (Except Australia) W-B
E03 30 E (Except Australia) W-B

EC Right side of cylinder head

E0M 22 A
(RHD) BR
(LHD) BR
J20 A, J21 B JUNCTION CONNECTOR
J14 A JUNCTION CONNECTOR
5 IJ1
BR
EB Intake side of cylinder block

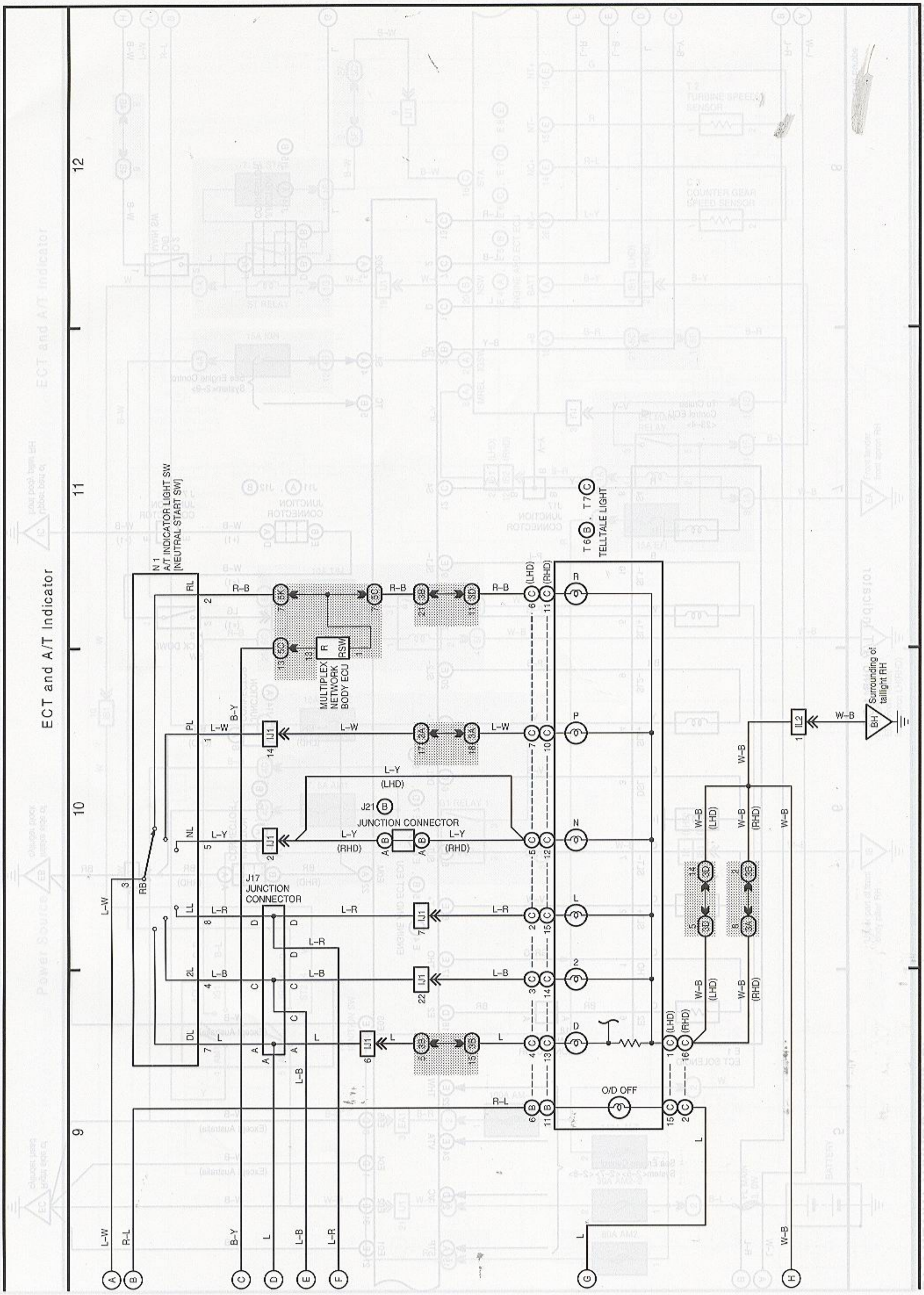
KD 7 B LG (*1)
16 IE2
K2 KICK DOWN SW
W-B (*1)

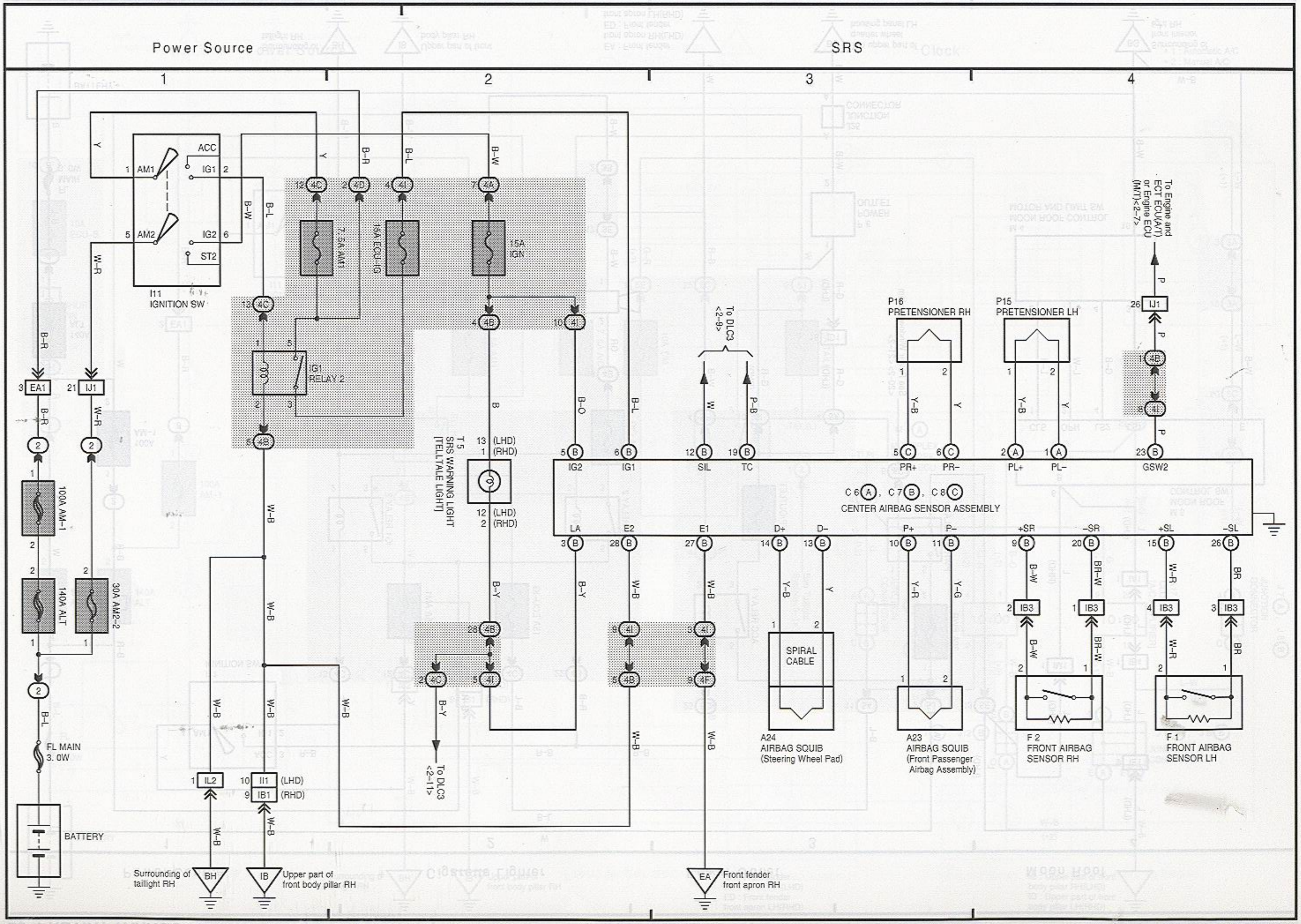
J11 A, J12 B JUNCTION CONNECTOR
J7 JUNCTION CONNECTOR
IC Upper part of front body pillar RH

TC 5 B
SIL 4 A
See Engine Control System<2-9>

OD2 5 A L
J14 A, J15 B JUNCTION CONNECTOR
O 2 O/D MAIN SW
W-B 8 4B 5 4B W-B H
L G

N OVERALL ELECTRICAL WIRING DIAGRAM




Power Source
SRS
1
2
3
4
ACC
IG1
IG2
ST2
AM1
AM2
I11
IGNITION SW
7.5A AM1
15A ECU-IG
15A IGN
IG1 RELAY 2
EA1
IJ1
100A AM-1
140A ALT
30A AM2-2
FL MAIN
3. 0W
BATTERY
IL2
II1 (LHD)
IB1 (RHD)
BH
IB
Surrounding of taillight RH
Upper part of front body pillar RH
EA
Front fender front apron RH
T5
SRS WARNING LIGHT [TELLTALE LIGHT]
13 (LHD) 1 (RHD)
12 (LHD) 2 (RHD)
To DLC3 <2-11>
To DLC3 <2-9>
To Engine and ECT ECU(A/T) or Engine ECU (M/T)<2-7>
IG2
IG1
SIL
TC
PR+
PR-
PL+
PL-
GSW2
C 6 (A), C 7 (B), C 8 (C)
CENTER AIRBAG SENSOR ASSEMBLY
LA
E2
E1
D+
D-
P+
P-
+SR
-SR
+SL
-SL
P16
PRETENSIONER RH
P15
PRETENSIONER LH
SPIRAL CABLE
A24
AIRBAG SQUIB
(Steering Wheel Pad)
A23
AIRBAG SQUIB
(Front Passenger Airbag Assembly)
F 2
FRONT AIRBAG SENSOR RH
F 1
FRONT AIRBAG SENSOR LH

Power Source | Cigarette Lighter | Power Outlet | Moon Roof

1 | 2 | 3 | 4

W
B–L
B–R
Y
R–B
G–R
L
W–B
L–R
L–W
G–B

I11
IGNITION SW
ACC 3
IG1 2
AM1 1

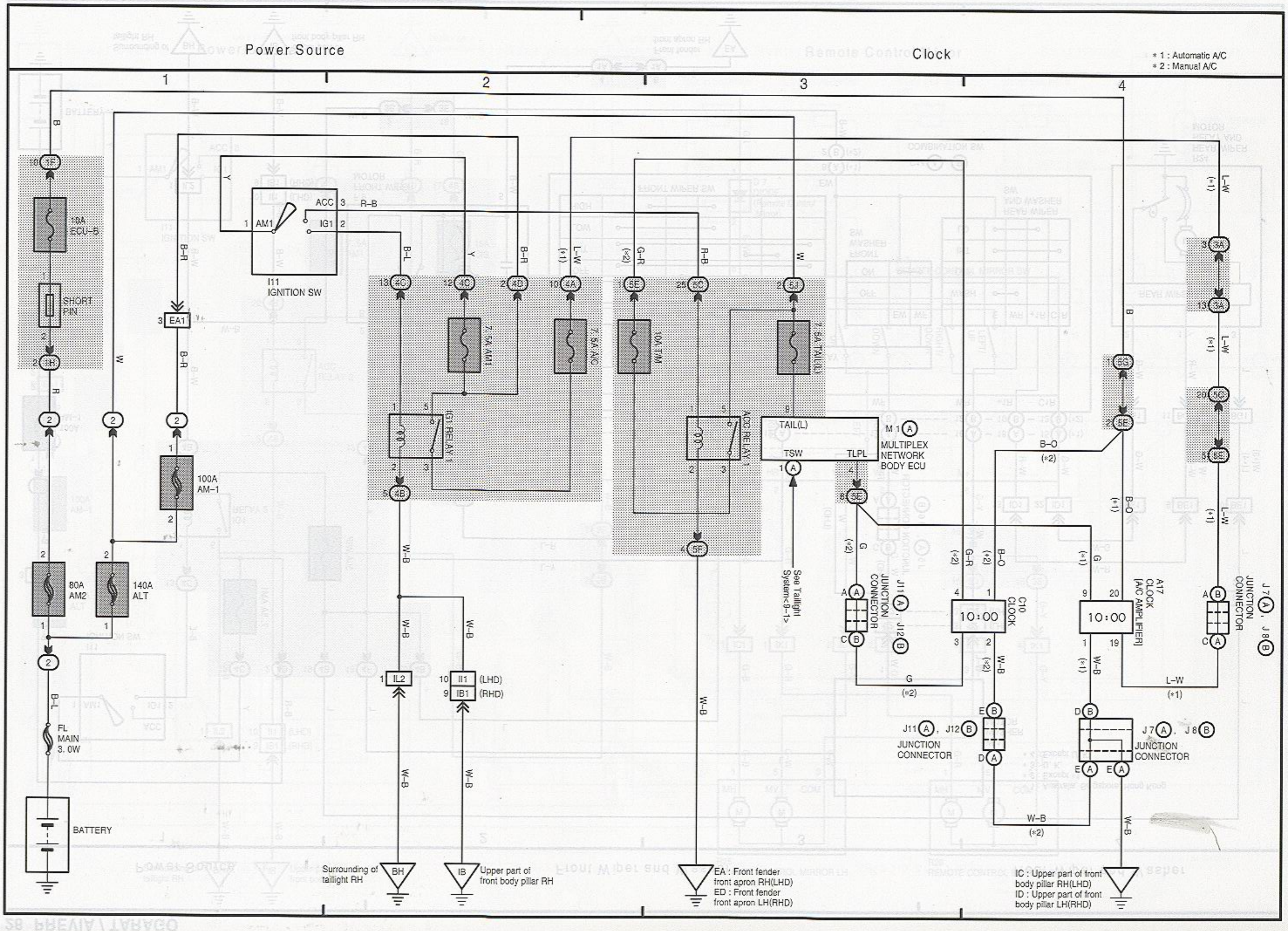
EA1 3
100A AM–1
140A ALT
FL MAIN 3. 0W
BATTERY

7. 5A AM1
15A ECU–IG
IG1 RELAY 2
ACC RELAY 2
15A CIG
4C 12
4C 12
4D 2
4C 3
4B 22
4S 5
4G 18
C 9
CIGARETTE LIGHTER
3E 17
3B 2
IL2 1
II1 10 (LHD)
IB1 9 (RHD)

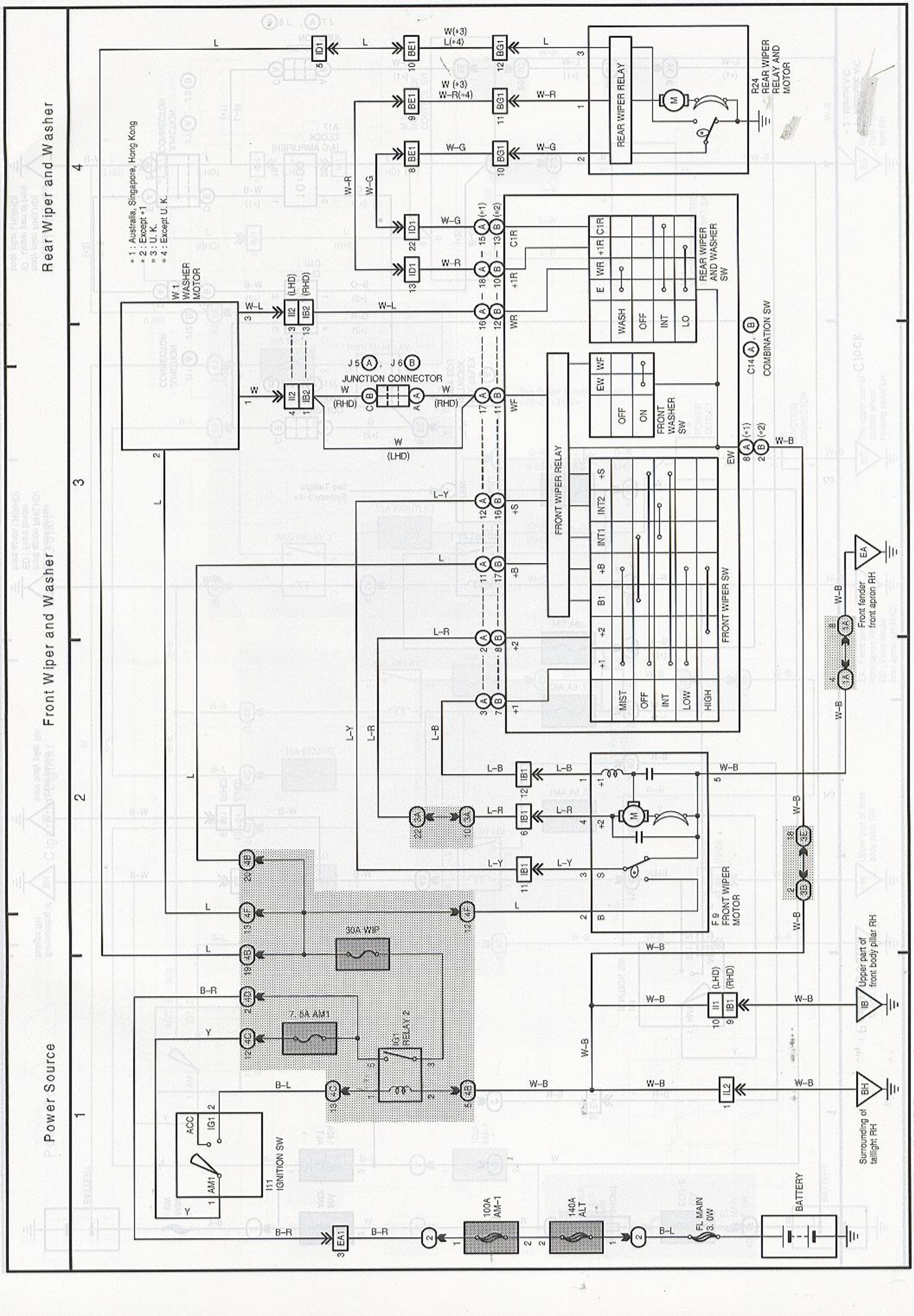
ACC RELAY 1
15A P/OUTLET
30A PWR
PWR M/ RELAY
5C 25
5A 11
5J 2
5E 15
5F 1
5I 10
5A 4
See Power Window System <20–2> <21–2>
ID1 18
P 6
POWER OUTLET
J25
JUNCTION CONNECTOR

IE1 9 (LHD)
IM1 1 (RHD)
IB4 1 (LHD)
IA1 1 (LHD)
M 5
MOON ROOF CONTROL SW
CLS 1
OPN 2
LS2 4
LS1 5
E 3
M 4
MOON ROOF CONTROL MOTOR AND LIMIT SW

BH Surrounding of taillight RH
IB Upper part of front body pillar RH
EA : Front fender front apron RH(LHD)
ED : Front fender front apron LH(RHD)
BC The upper part of quarter wheel housing panel LH
BG Surrounding of front interior light RH


Power Source
Clock
* 1 : Automatic A/C
* 2 : Manual A/C
1
2
3
4
10A ECU-B
SHORT PIN
EA1
100A AM-1
80A AM2
140A ALT
FL MAIN 3. 0W
BATTERY
I11 IGNITION SW
AM1
ACC
IG1
7. 5A AM1
7. 5A A/C
10A T/M
7. 5A TAIL(L)
IG1 RELAY 1
ACC RELAY 1
TAIL(L)
TSW
TLPL
M 1 (A)
MULTIPLEX NETWORK BODY ECU
See Taillight System<9-1>
J11 (A), J12 (B)
JUNCTION CONNECTOR
C10 CLOCK
10:00
A17 CLOCK [A/C AMPLIFIER]
J7 (A), J8 (B)
IL2
II1 (LHD)
IB1 (RHD)
Surrounding of taillight RH
BH
IB
Upper part of front body pillar RH
EA : Front fender front apron RH(LHD)
ED : Front fender front apron LH(RHD)
IC : Upper part of front body pillar RH(LHD)
ID : Upper part of front body pillar LH(RHD)

N OVERALL ELECTRICAL WIRING DIAGRAM



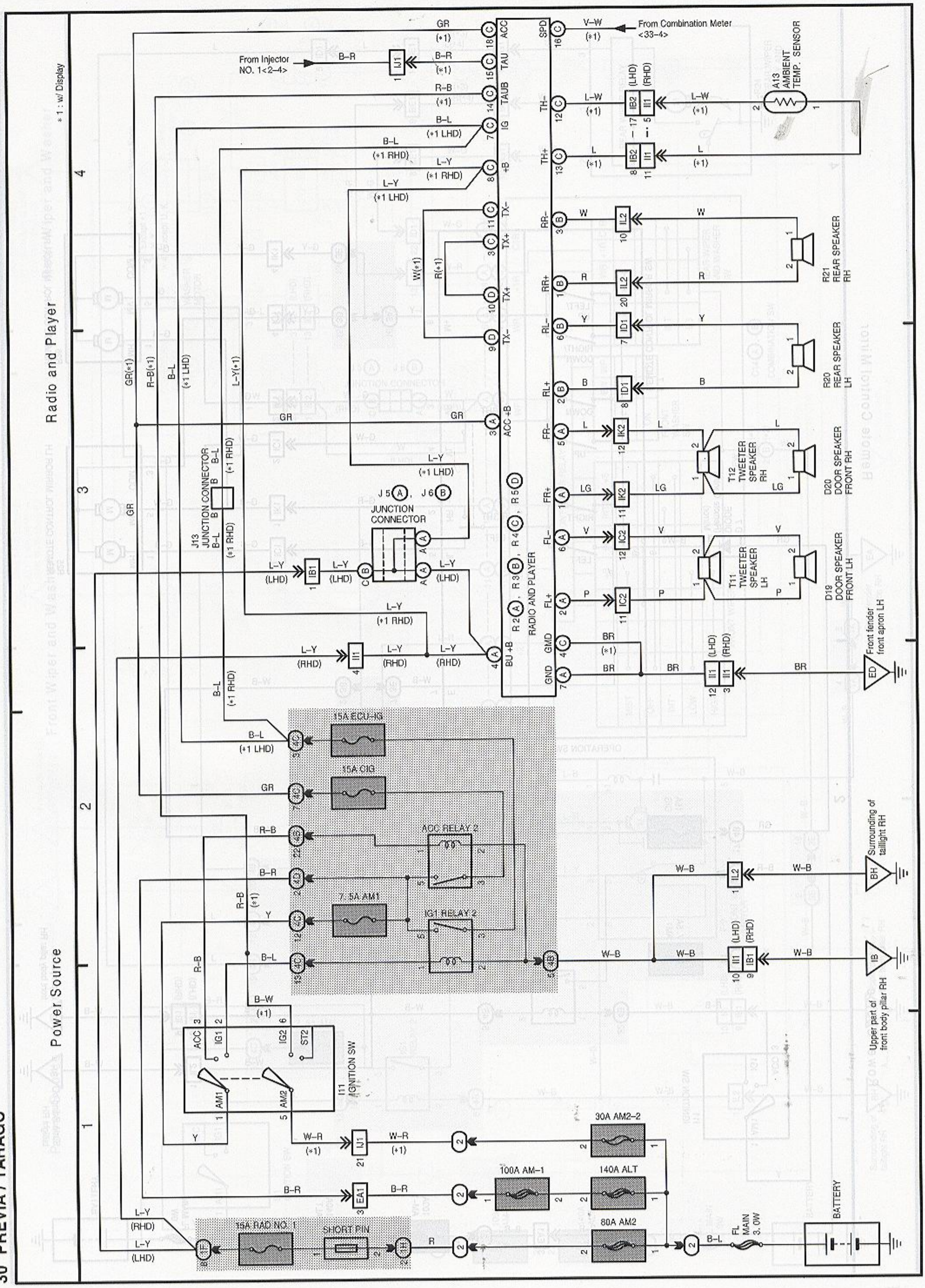
Power Source

Remote Control Mirror

1 2 3 4

Y
ACC 3
1 AM1
IG1
I11
IGNITION SW
R-B
Y
B-R
GR
12 4C
2 4D
17 4B
7.5A AM1
15A CIG
22 4B
5
ACC RELAY 2
3
1
2
5 4E
B-R
3 EA1
B-R
2
1
100A AM-1
2
2
140A ALT
1
2
B-L
FL MAIN 3.0W
BATTERY
W-B
W-B
W-B
W-B
1 IL2
10 II1 (LHD)
9 IB1 (RHD)
W-B
W-B
Surrounding of taillight RH
BH
IB
Upper part of front body pillar RH
GR
1
D 7
DIODE
(Remote Control Mirror)
2
B-W
8
B
R 7
REMOTE CONTROL MIRROR SW
OPERATION SW
LEFT
RIGHT
UP
DOWN
RIGHT/ DOWN
LEFT/ UP
SELECT SW
LEFT
RIGHT
LEFT
RIGHT
E
HL
HR
VL
VR
M+
7
5
2
4
3
6
W-B
3D
2 2B
W-B
G-B
G-R
G-W
G
G-Y
10 3A
15 3C
13 3E
G-Y
G-Y
1 IC1
1 IK1
2 IC1
2 IK1
4 IC1
4 IK1
G-B
G-R
G-W
G
G-Y
G-Y
G-B
G-W
G-Y
G-R
G
G-Y
1
5
3
MH
MV
COM
M
M
R25
REMOTE CONTROL MIRROR LH
R26
REMOTE CONTROL MIRROR RH

N OVERALL ELECTRICAL WIRING DIAGRAM



Power Source

Rear Window Defogger and Mirror Heater

Seat Heater

* 1 : Automatic A/C
* 2 : Manual A/C

1 2 3 4

I11 IGNITION SW

ACC IG1 AM1

100A AM–1

140A ALT

FL MAIN 3.0W

BATTERY

7.5A AM1

10A S-HTR (R)

10A S-HTR (L)

15A ECU-IG

IG1 RELAY #2

IG1 RELAY #3

20A DEF

10A IG2

DEF RELAY

From Multiplex Network Body ECU <9-2>

To A/C Amplifier <38-5>(*1)
To Front A/C Control SW<37-10> <38-9> <39-7><40-8>(*2)

To Engine and ECT ECU(A/T) or Engine ECU(M/T) <2-7>

D 6 DIODE (Idle-Up)

R22 (A), R23 (B) REAR WINDOW DEFOGGER

R25 MIRROR HEATER LH [REMOTE CONTROL LH]

R26 MIRROR HEATER RH [REMOTE CONTROL RH]

J22 JUNCTION CONNECTOR

J29 JUNCTION CONNECTOR

J16 JUNCTION CONNECTOR

S 4 SEAT HEATER SW (Driver's Seat)

S 5 SEAT HEATER SW (Front Passenger's Seat)

S 7 SEAT HEATER (Driver's Seat)

S 8 SEAT HEATER (Front Passenger's Seat)

Surrounding of taillight RH

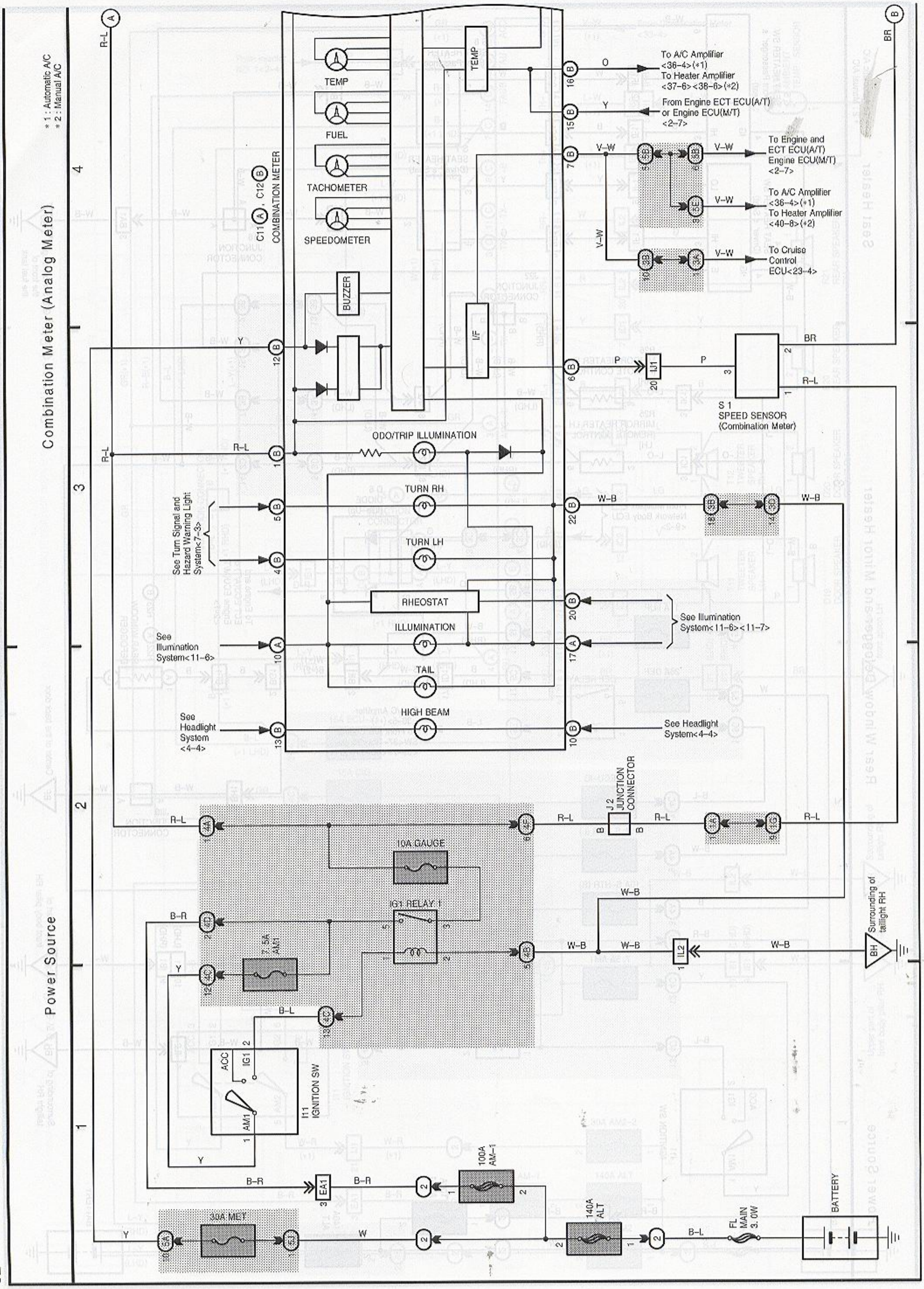
Upper part of front body pillar RH

Center of the back door

Surrounding of the front of the fuel tank

(Cont' next page)

N OVERALL ELECTRICAL WIRING DIAGRAM



(Cont. next page)

Combination Meter (Analog Meter)

* 1 : Automatic A/C
* 2 : Manual A/C
* 3 : w/ ABS

5 6 7 8

A R–L

C11 A , C12 B
COMBINATION METER

ESPROM

ODO LCD

LG–B

R–L

18 A 7 A 11 B

T5 A , T6 B , T7 C
TELLTALE LIGHT

ODO SW

OIL LEVEL

FUEL WARNING

SEAT BELT

CHECK ENGINE

11 B BR J20 JUNCTION CONNECTOR A A BR 5 IJ1 BR BR B

EB Intake side of cylinder block

17 B 13 A See Key Reminder Buzzer System<14–3>

21 B P–G 17 IF1 P–G 1 BA1 P–G 2 BD1 P–G 3 F17 FUEL SENDER 2

14 B Y–B 16 IF1 Y–B 2 BA1 Y–B 1 BD1 Y–B

8 B P To DLC3 <2–10>

P 10 8C 7 8B 12 5C 11 5C

P To A/C Amplifier <36–4> (*1) To Heater Amplifier <37–6> <38–8> (*2)

P (*2) To A/C Amplifier <38–15> <40–10>

P To Engine and ECT ECU(A/T) or Engine ECU(M/T) <2–10>

5 A Y–G

8 A LG

6 A 15 A 7 A See ABS System <22–3> <22–4>

16 A R–G (*3)

2 B B 25 IJ1 B 1 E 3 ENGINE OIL LEVEL SENSOR 2 BR

EB Intake side of cylinder block

4 A P–G

9 A LG

6 C P–G

7 C Y–G

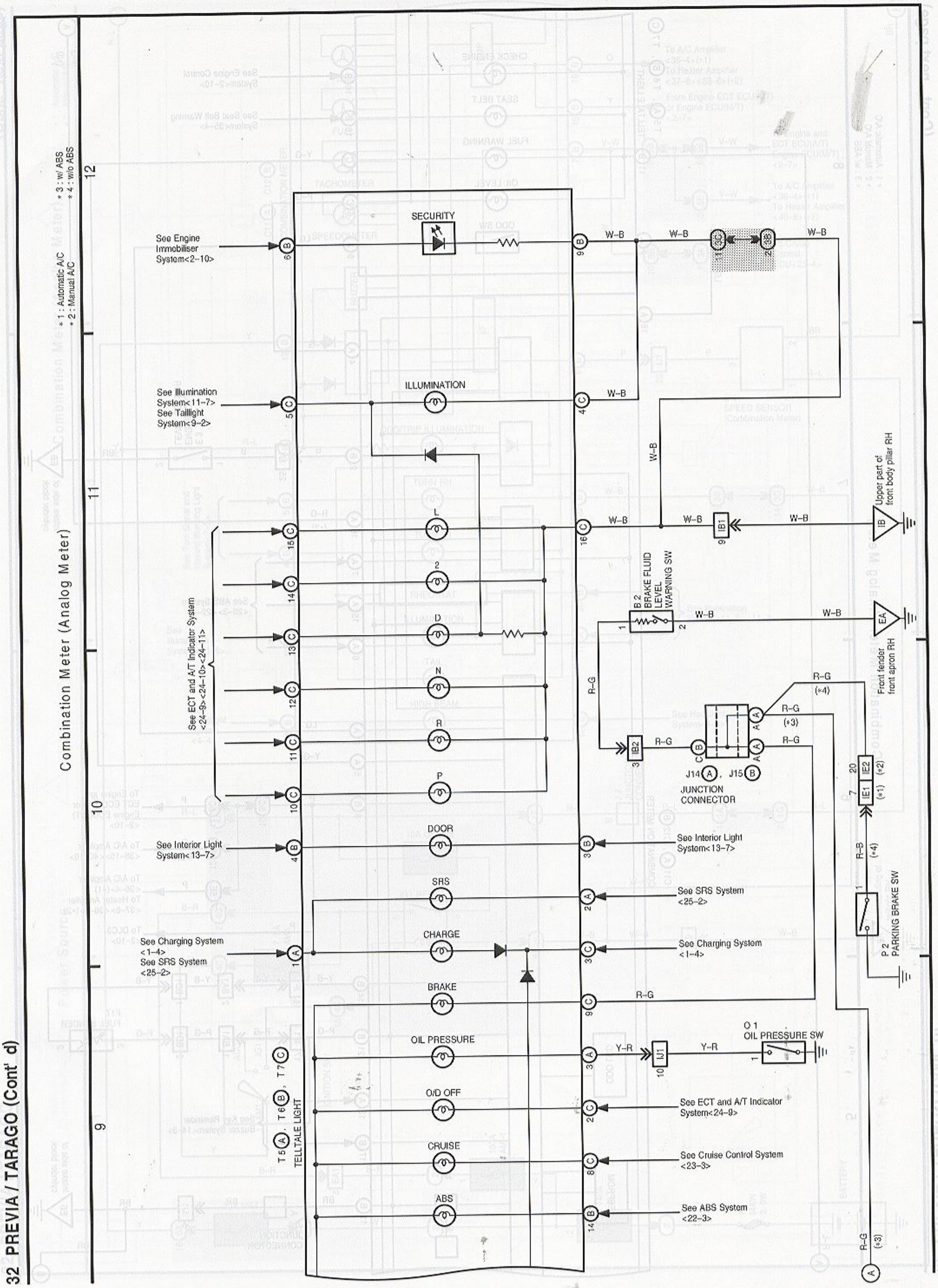
15 B See Seat Belt Warning System<35–4>

16 B See Engine Control System<2–10>

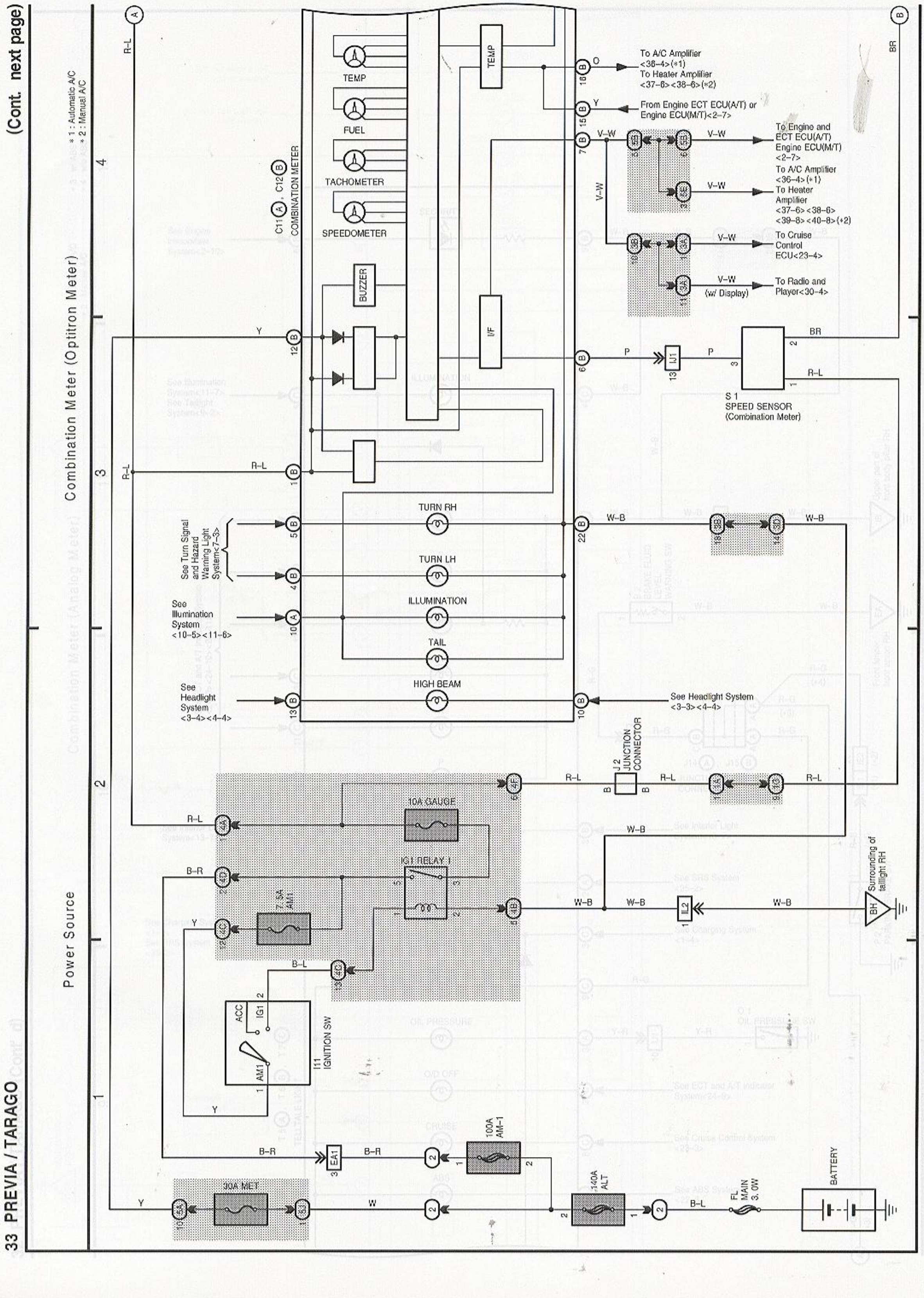
R–G (*3) A

B

N OVERALL ELECTRICAL WIRING DIAGRAM



N OVERALL ELECTRICAL WIRING DIAGRAM



(Cont. next page)

Combination Meter (Optitron Meter)

5 6 7 8

* 1 : Automatic A/C
* 2 : Manual A/C
* 3 : w/ ABS

A R–L

From "STA" Fuse<2–10>

B–W

C11 A , C12 B
COMBINATION METER

3 B

L–B 1 A
L–W 2 A
L–R 3 A
L 9 A

LG–B 18 A

R–L 7 A ——— 6 B (LHD)
7 A ——— 11 B (RHD)

T5 A , T6 B , T7 C
TELLTALE LIGHT

L–B A
L–W B
L–R C
L D

ESPROM

ODO LCD

ODO SW

OIL LEVEL

FUEL

CHECK ENGINE

11 B BR (LHD) BR (RHD) BR
17 B 13 A
21 B P–G 14 B Y–B
8 B P
5 A 8 A 6 A 15 A 7 A 16 A 2 B 4 A
6 A 12 C 10 C 1 B (LHD)
9 A 6 C 7 C 16 B (RHD)

J14 A , J15 B
JUNCTION CONNECTOR

J20 JUNCTION CONNECTOR

10 IF1 —4 IF1 (LHD)
17 IF1 —16 IF1 (RHD)

1 BA1 P–G BD1 2
2 BA1 Y–B BD1 1

F17 FUEL SENDER
3
2

10 5G
7 9B 12 5C 11 5G

To DLC3 <2–10>

To Engine and ECT ECU(A/T) or Engine ECU(M/T) <2–10>

To A/C Amplifier <37–15> <38–15> <39–10> <40–10> (*2)

To A/C Amplifier <36–4> (*1)
To Heater Amplifier <37–6> <38–6> (*2)

See Light Reminder and Key Reminder Buzzer System <14–3>

See ABS System <22–3> <22–4>

25 IJ1
1
E 3
ENGINE OIL LEVEL SENSOR
2

See Engine Control System <2–10>

5 IJ1

EB Intake side of cylinder block

EB Intake side of cylinder block

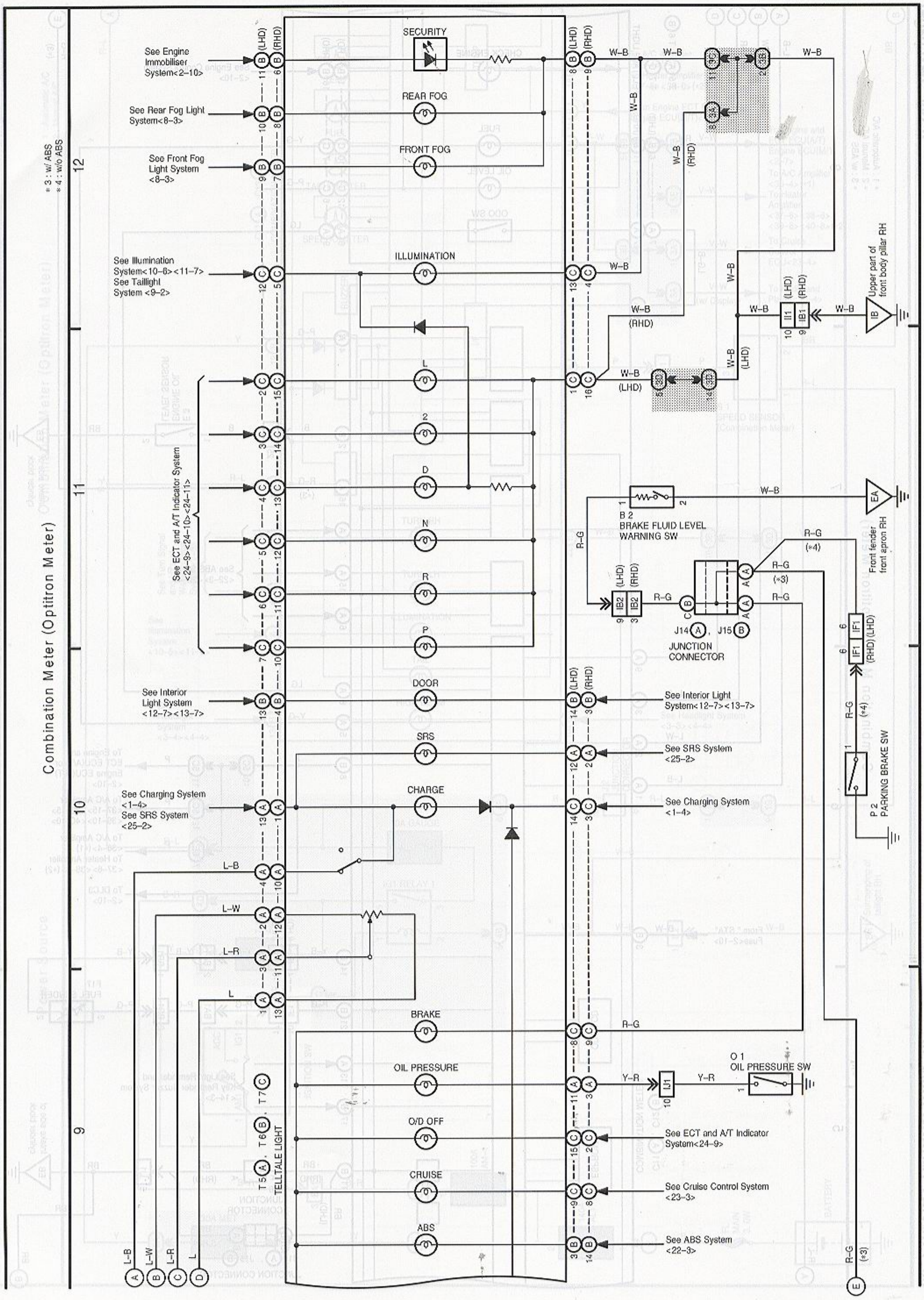
B BR

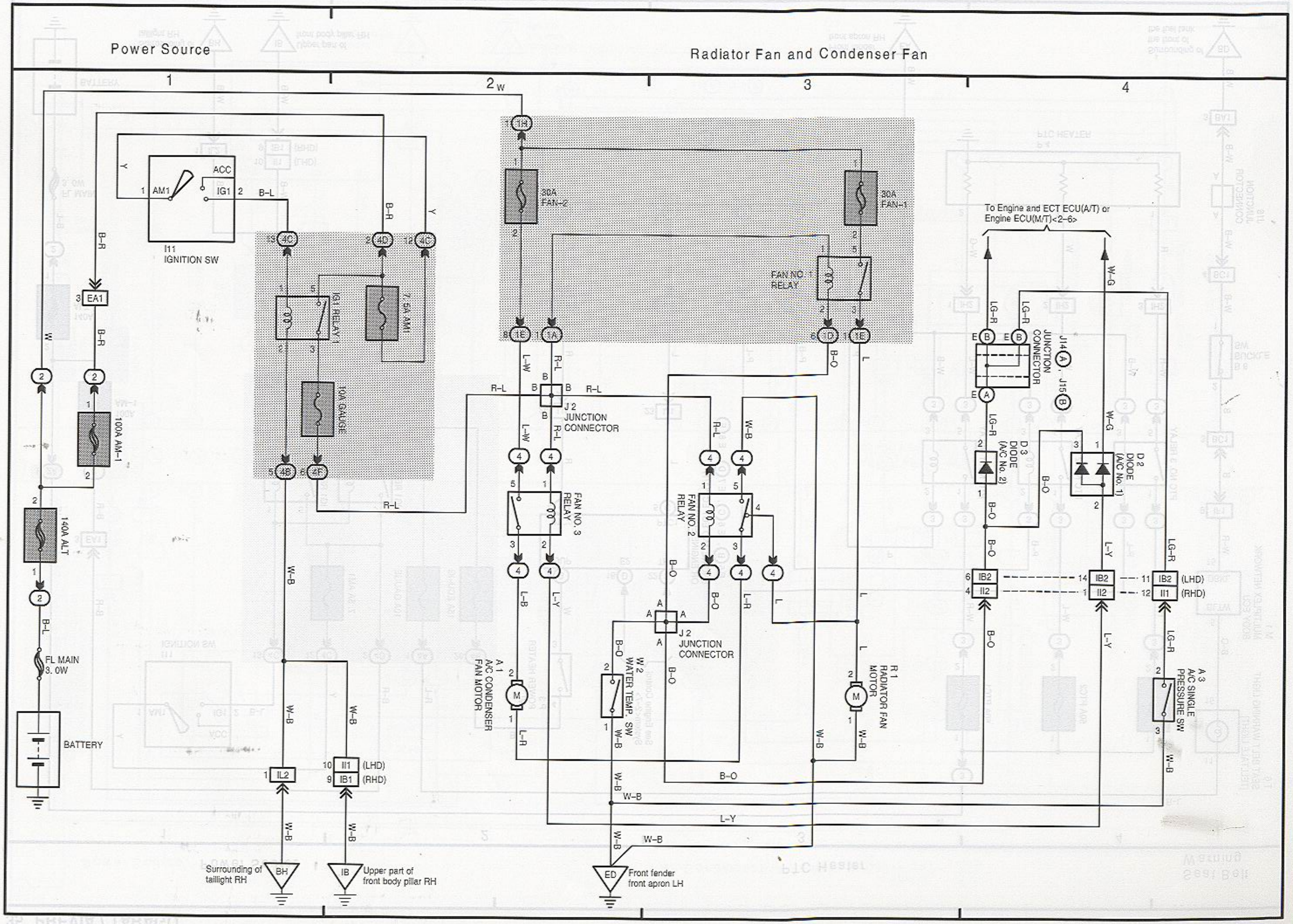
R–G (*3) E

N

OVERALL ELECTRICAL WIRING DIAGRAM

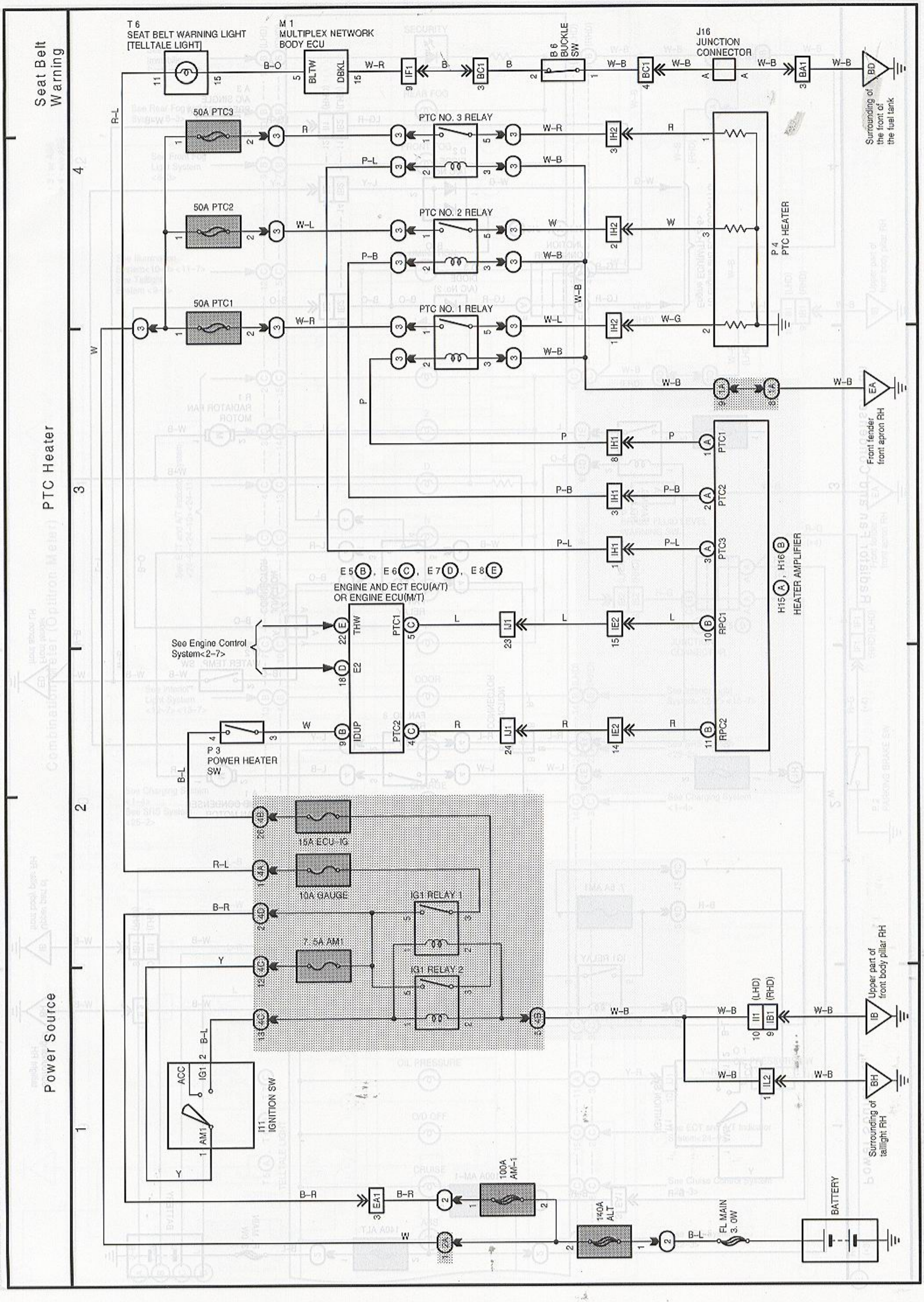
N OVERALL ELECTRICAL WIRING DIAGRAM



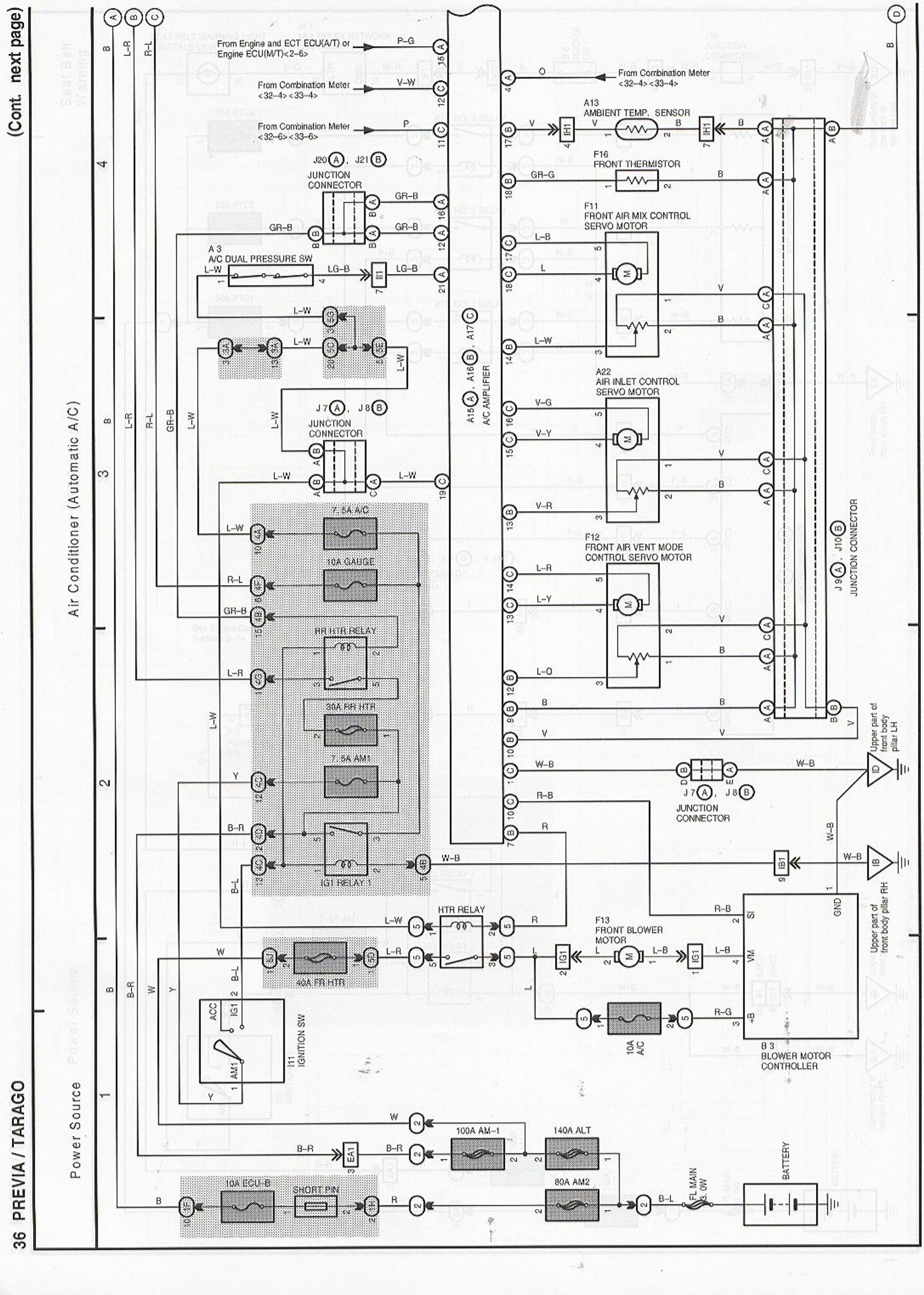

Power Source
Radiator Fan and Condenser Fan
1
2
3
4
I11
IGNITION SW
ACC
AM1
IG1
EA1
100A AM-1
140A ALT
FL MAIN
3. 0W
BATTERY
IG1 RELAY 1
7.5A AM1
10A GAUGE
30A
FAN-2
30A
FAN-1
FAN NO. 1
RELAY
J 2
JUNCTION
CONNECTOR
FAN NO. 3
RELAY
FAN NO. 2
RELAY
A 1
A/C CONDENSER
FAN MOTOR
W 2
WATER TEMP. SW
R 1
RADIATOR FAN
MOTOR
To Engine and ECT ECU(A/T) or
Engine ECU(M/T)<2-6>
J14
J15
JUNCTION
CONNECTOR
D 3
DIODE
(A/C No. 2)
D 2
DIODE
(A/C No. 1)
A 3
A/C SINGLE
PRESSURE SW
(LHD)
(RHD)
Surrounding of
taillight RH
Upper part of
front body pillar RH
Front fender
front apron LH

N

N OVERALL ELECTRICAL WIRING DIAGRAM

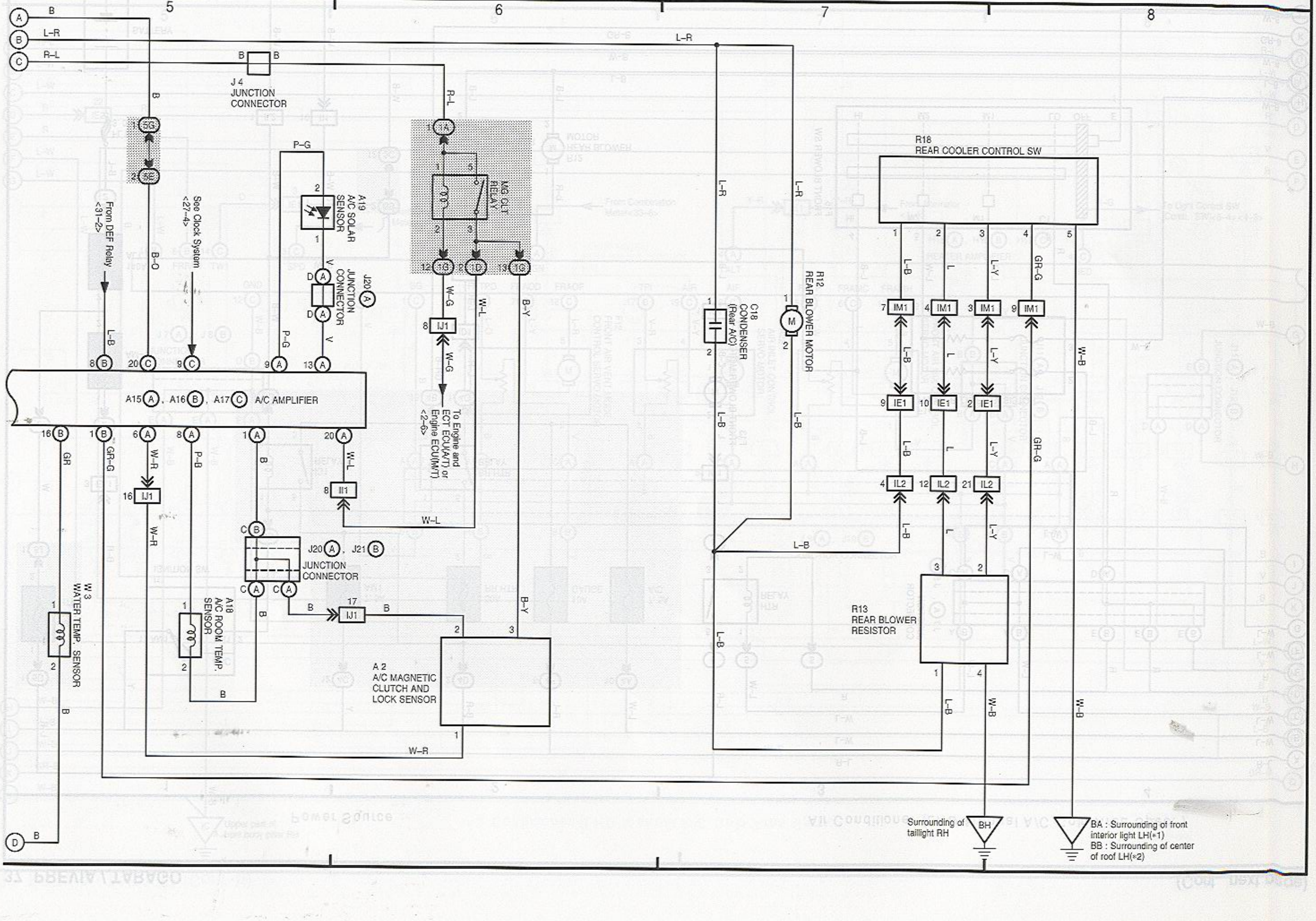


N OVERALL ELECTRICAL WIRING DIAGRAM

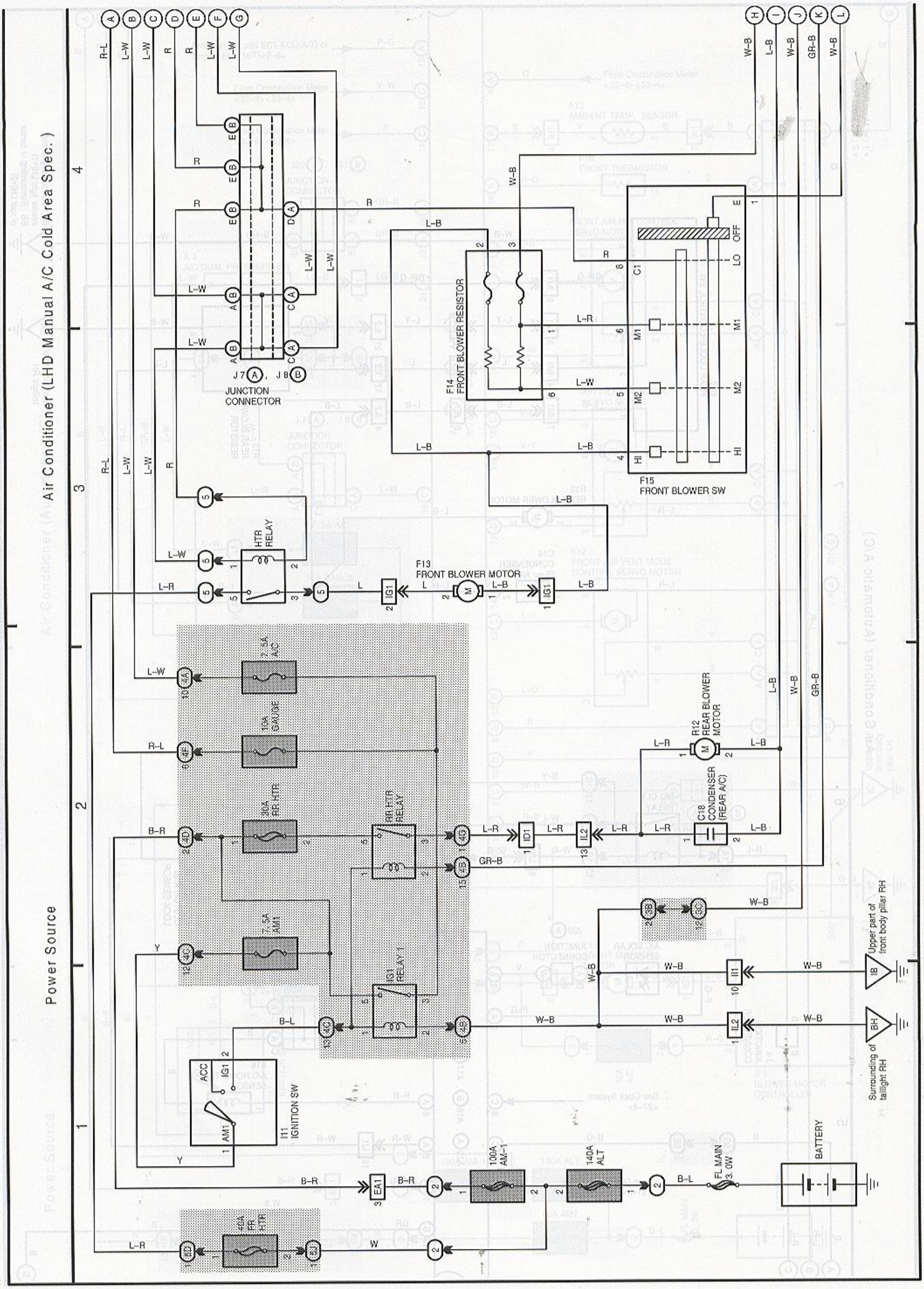


Air Conditioner (Automatic A/C)

* 1 : w/ Moon Roof
* 2 : w/o Moon Roof

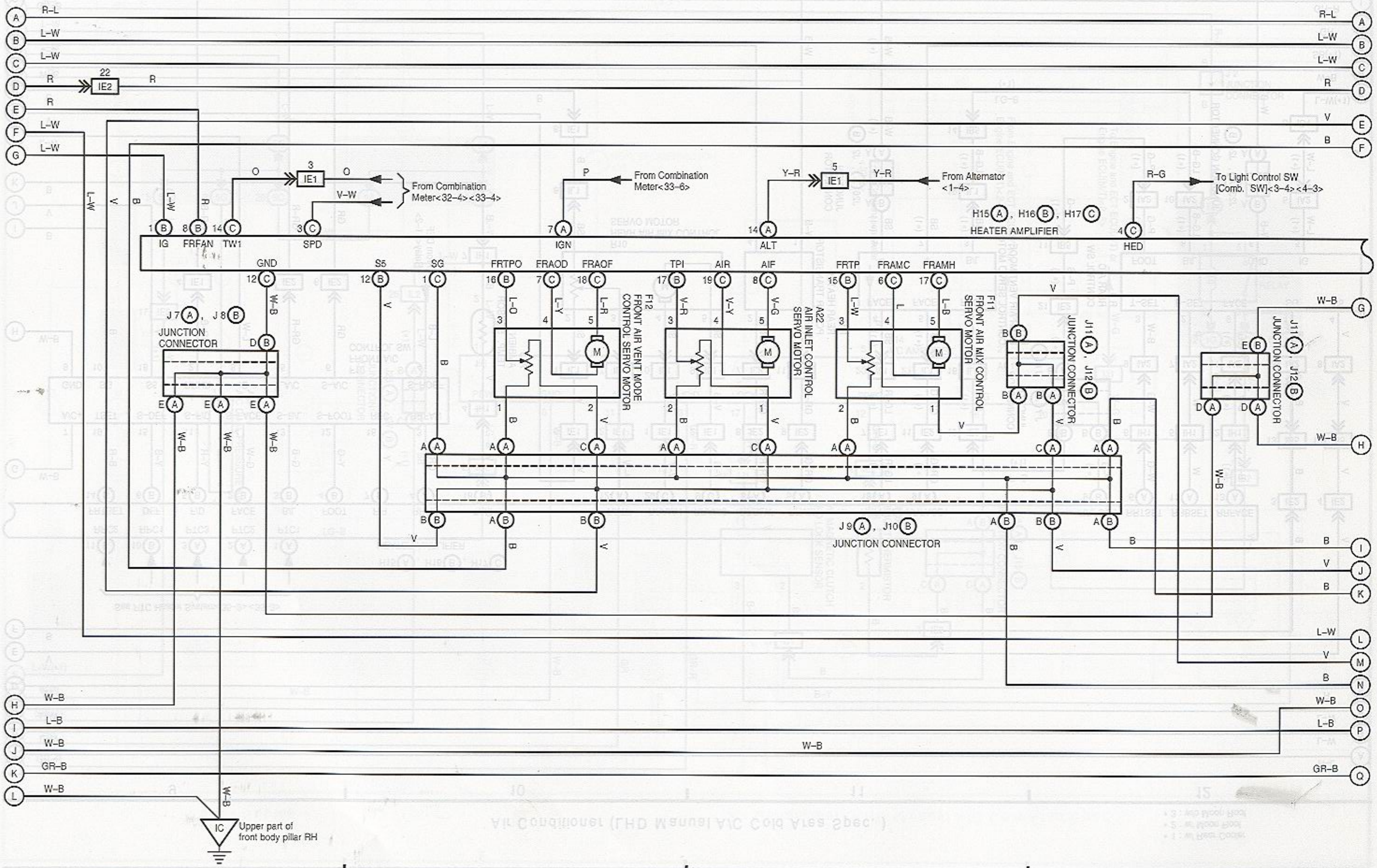


N OVERALL ELECTRICAL WIRING DIAGRAM



(Cont. next page)

Air Conditioner (LHD Manual A/C Cold Area Spec.)



(Cont. next page)

Air Conditioner (LHD Manual A/C Cold Area Spec.)

* 1 : w/ Rear Cooler
* 2 : w/ Moon Roof
* 3 : w/o Moon Roof

9 | 10 | 11 | 12

A R-L
B L-W
C L-W
D R
E V
F B

See PTC Heater System<35-2><35-3>

H15 (A), H16 (B), H17 (C)
HEATER AMPLIFIER

11 (B) RPC2 — 10 (B) RPC1 — 3 (A) PTC3 — 2 (A) PTC2 — 1 (A) PTC1

14 (B) FRTSET — 6 (B) DEF — 5 (B) F/D — 2 (B) FACE — 3 (B) B/L — 4 (B) FOOT — 7 (B) F/R — 4 (A) RRHR — 18 (B) TAM

12 (A) RRTP — 20 (C) RRAMH — 9 (C) RRAMC — 8 (A) RRBLW — 5 (A) RRVM — 10 (A) RRFACE2 — 9 (A) RRFACE1

8 (B) RRFOOT — 6 (A) RRTSET — 11 (A) RRBSET — 13 (A) RRFACE

G W-B

7 A/C+ — 19 TSET — 15 S-DEF — 11 S-F/D — 14 S-FACE — 13 S-B/L — 12 S-FOOT — 16 REC — 3 RRFAN

9 GND — 10 SG — 18 S5 — 2 RRHR — 8 IG — 5 LA/C — 6 S-A/C — 4 S-RDEF

F10
FRONT A/C
CONTROL SW

A13
AMBIENT
TEMP. SENSOR

From DEF
Relay<31-2>

R10
REAR AIR MIX CONTROL
SERVO MOTOR

R19
REAR HEATER
POWER TRANSISTOR

J26 (A), J27 (B)
JUNCTION
CONNECTOR

R11
REAR AIR VENT MODE
CONTROL SERVO MOTOR

J7 (A), J8 (B)
JUNCTION
CONNECTOR

R9
REAR A/C
CONTROL SW

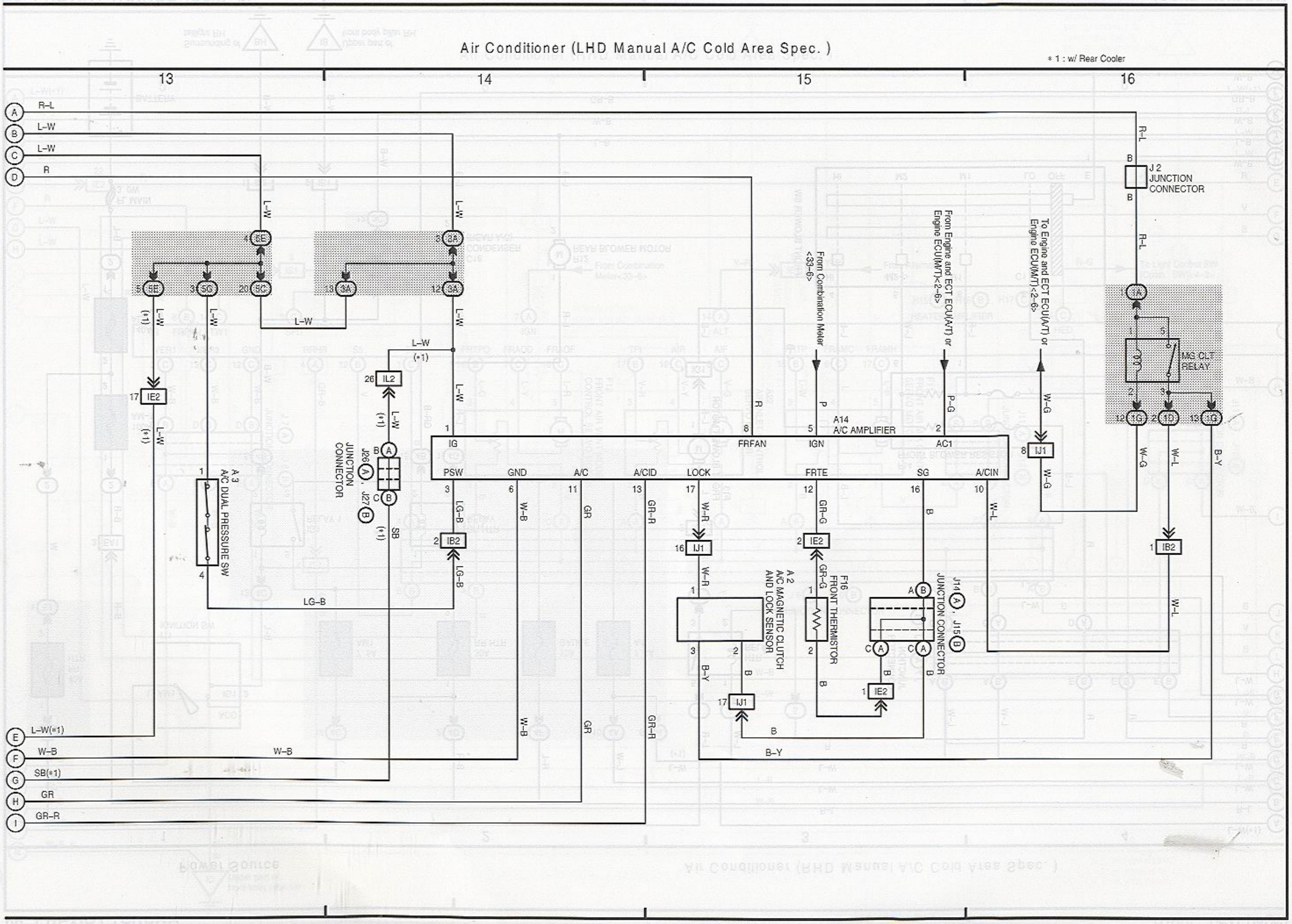
T-SET — B-SET — FACE — SG — S5

FOOT — B/L — GND — IG

J23 (A), J24 (B)
JUNCTION CONNECTOR

BH Surrounding of taillight RH

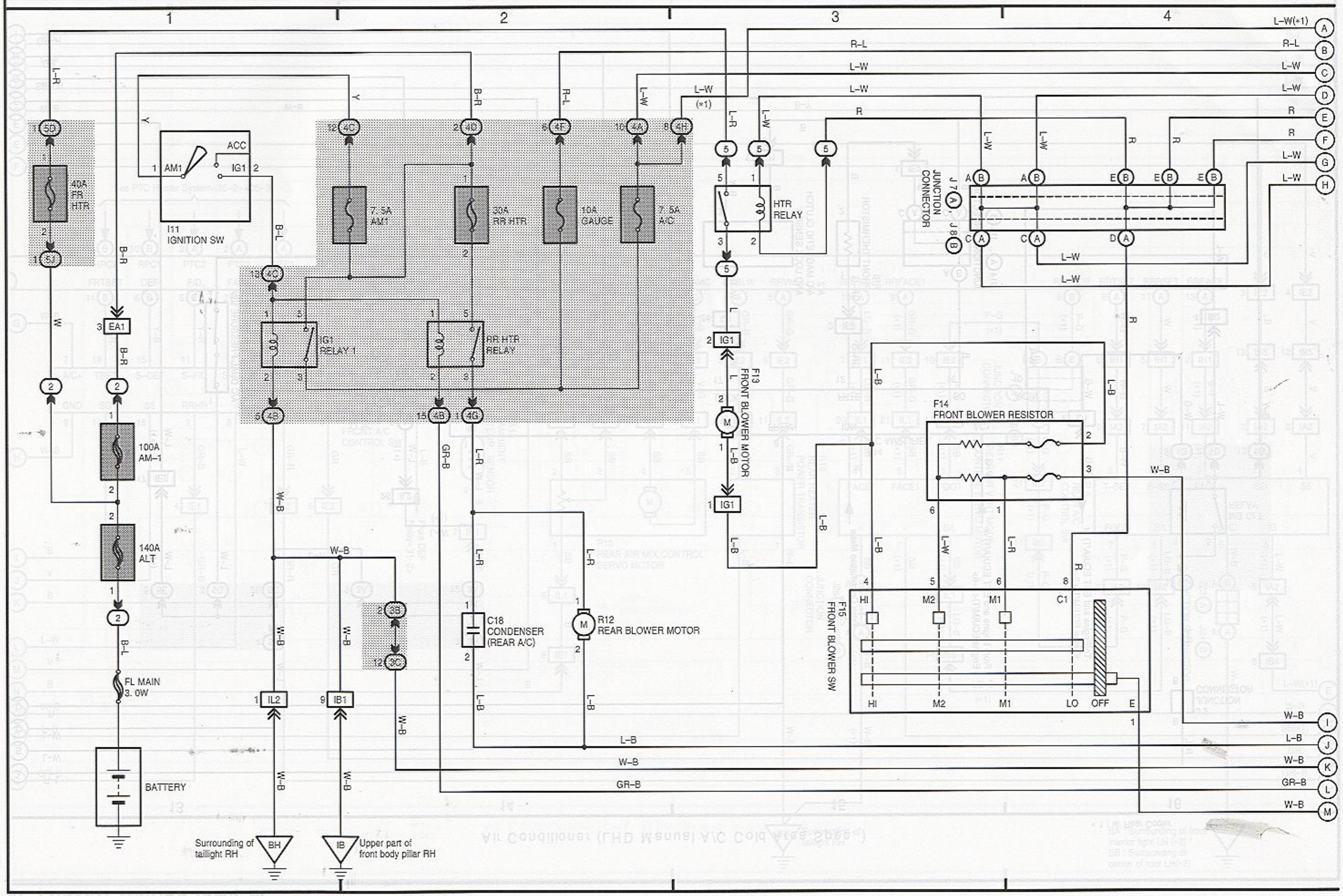
BA : Surrounding of front interior light LH (*2)
BB : Surrounding of center of roof LH(*3)


Air Conditioner (LHD Manual A/C Cold Area Spec.)
* 1 : w/ Rear Cooler
13
14
15
16
A
B
C
D
E
F
G
H
I
R–L
L–W
R
L–W(*1)
W–B
SB(*1)
GR
GR–R
J 2
JUNCTION
CONNECTOR
MG CLT
RELAY
From Combination Meter
<33–6>
From Engine and ECT ECU(A/T) or
Engine ECU(M/T)<2–6>
To Engine and ECT ECU(A/T) or
Engine ECU(M/T)<2–6>
A14
A/C AMPLIFIER
IG
FRFAN
IGN
AC1
PSW
GND
A/C
A/CID
LOCK
FRTE
SG
A/CIN
A 3
A/C DUAL PRESSURE SW
J26 A , J27 B
JUNCTION
CONNECTOR
A 2
A/C MAGNETIC CLUTCH
AND LOCK SENSOR
F16
FRONT THERMISTOR
J14 A , J15 B
JUNCTION CONNECTOR
IE2
IL2
IB2
IJ1
LG–B
W–B
GR
GR–R
W–R
GR–G
B
B–Y
W–G
W–L
B–Y

(Cont. next page)

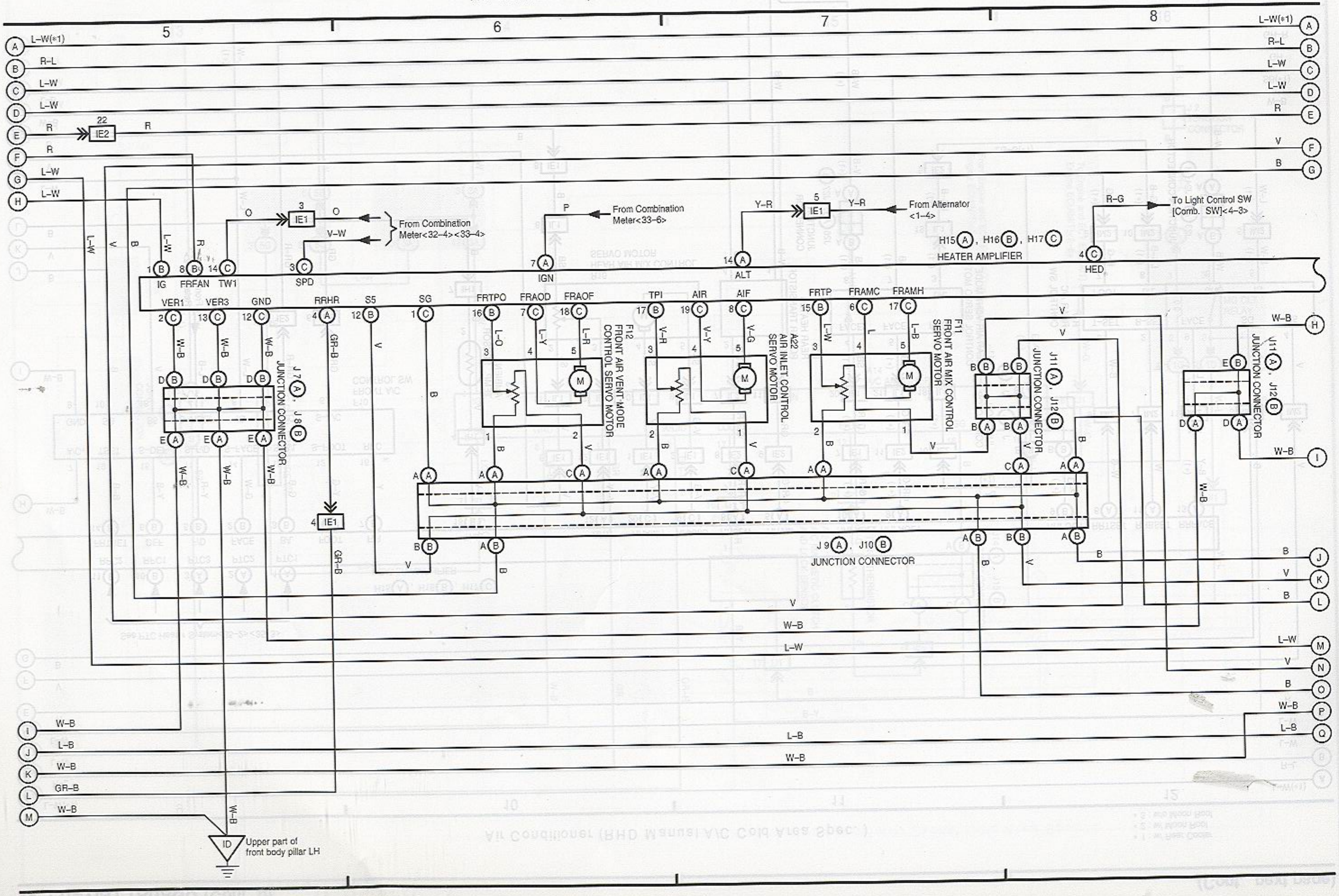
Power Source

Air Conditioner (RHD Manual A/C Cold Area Spec.)



(Cont. next page)

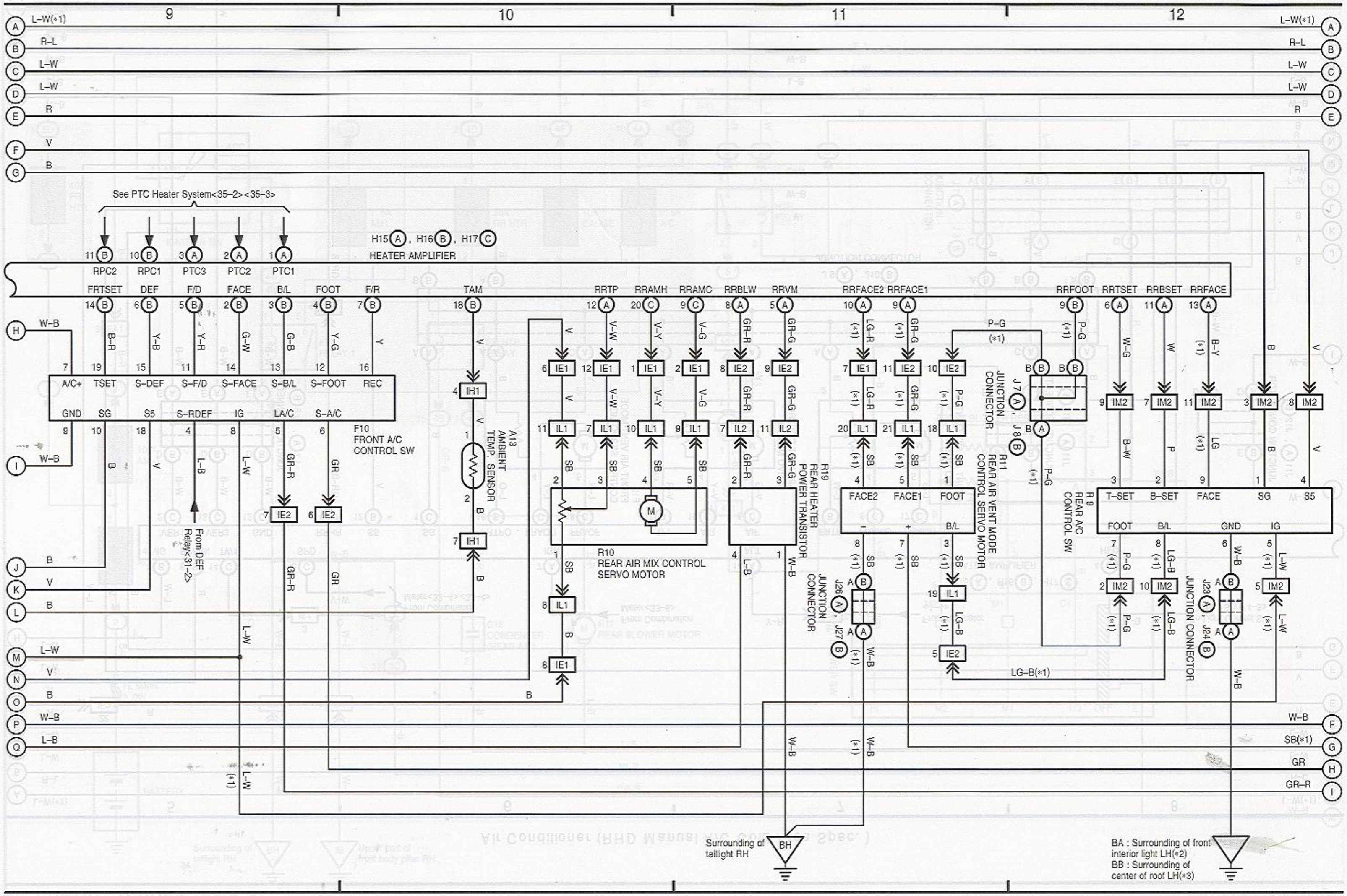
Air Conditioner (RHD Manual A/C Cold Area Spec.)



(Cont. next page)

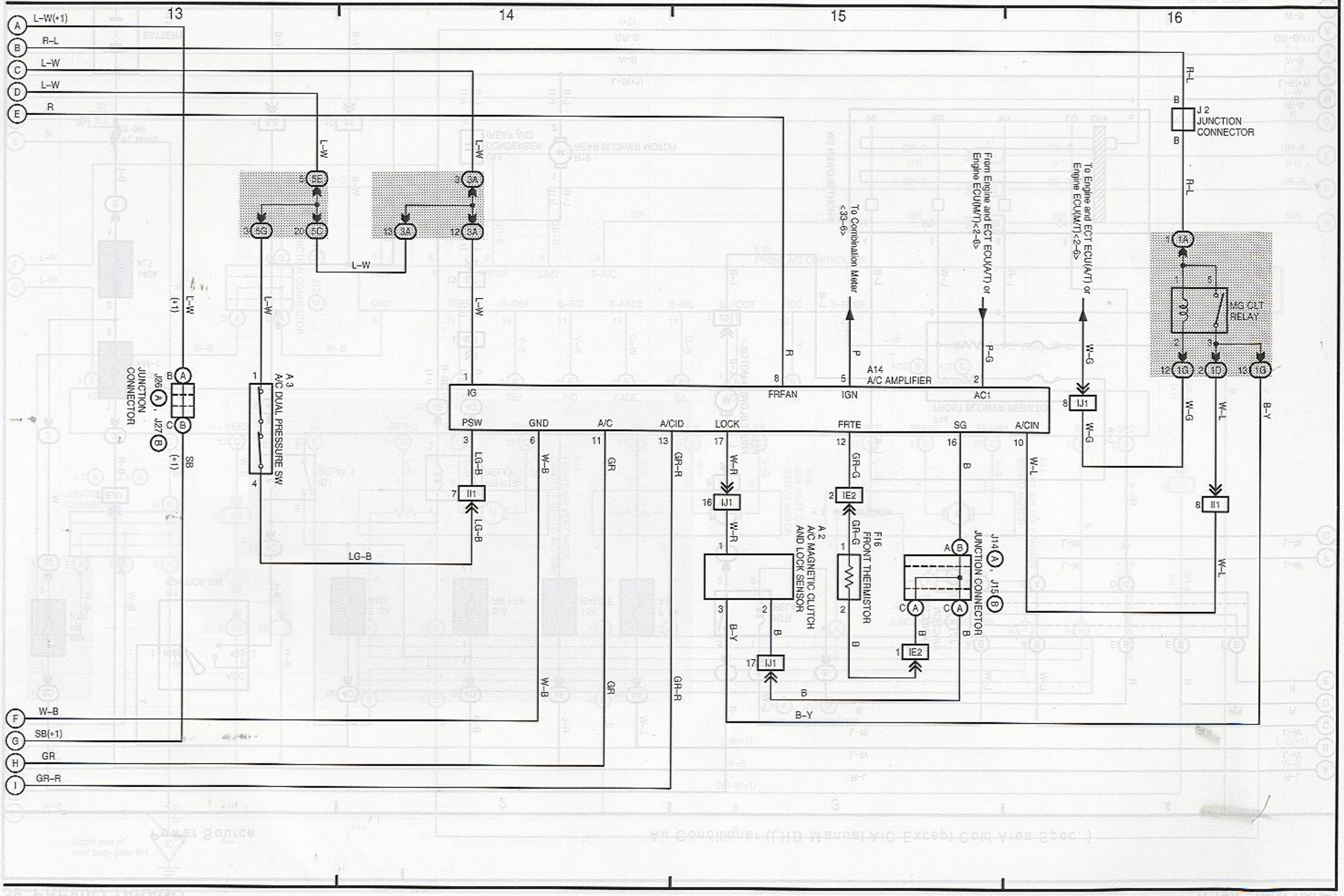
Air Conditioner (RHD Manual A/C Cold Area Spec.)

* 1 : w/ Rear Cooler
* 2 : w/ Moon Roof
* 3 : w/o Moon Roof



Air Conditioner (RHD Manual A/C Cold Area Spec.)

* 1 : w/ Rear Cooler


13
14
15
16
L–W(+1)
R–L
L–W
L–W
R
L–W
L–W
L–W

(Cont. next page)

Power Source

Air Conditioner (LHD Manual A/C Except Cold Area Spec.)

1 2 3 4

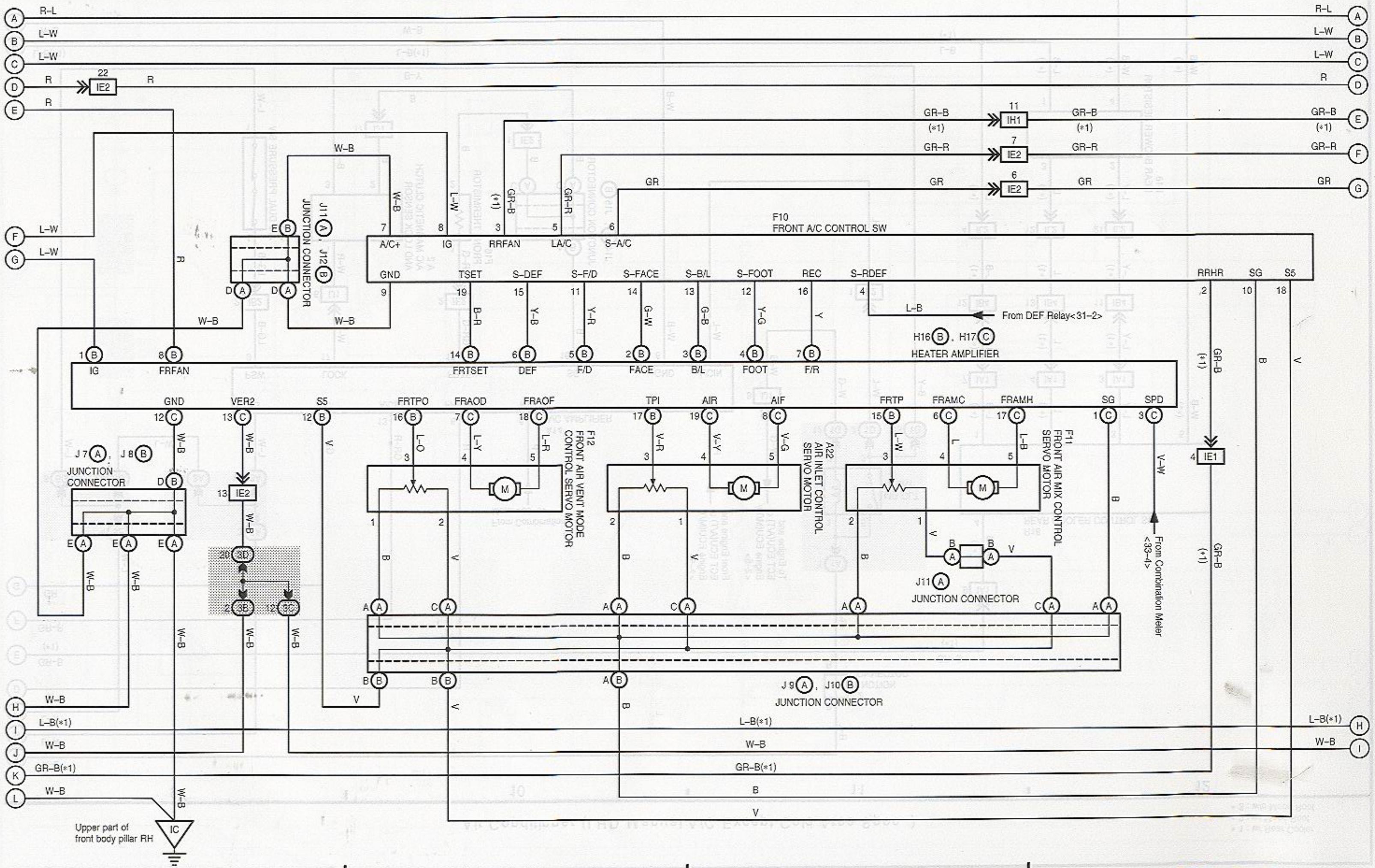
L-R
W
B-R
B-L
Y
B-R
R-L
L-W
L-R
L-W
L-W
R
L-W
L-W
R
R
R
L
L-B
W-B
GR-B
GR-B
L-R
L-R
L-B
L-B
W-B
W-B
W-B
W-B
W-B
W-B
L-B(*1)
W-B
GR-B
(*1)
R-L
L-W
L-W
L-W
R
R
R
L-W
L-W
L-W
L-W
R
W-B
L-B(*1)
W-B
GR-B(*1)
W-B

5D
5J
40A FR HTR
100A AM-1
140A ALT
FL MAIN 3.0W
BATTERY
3 EA1
2
1
2
2
1
2
2
1
2
B-L
W-B
W-B
W-B
W-B
W-B
W-B

(Cont. next page)

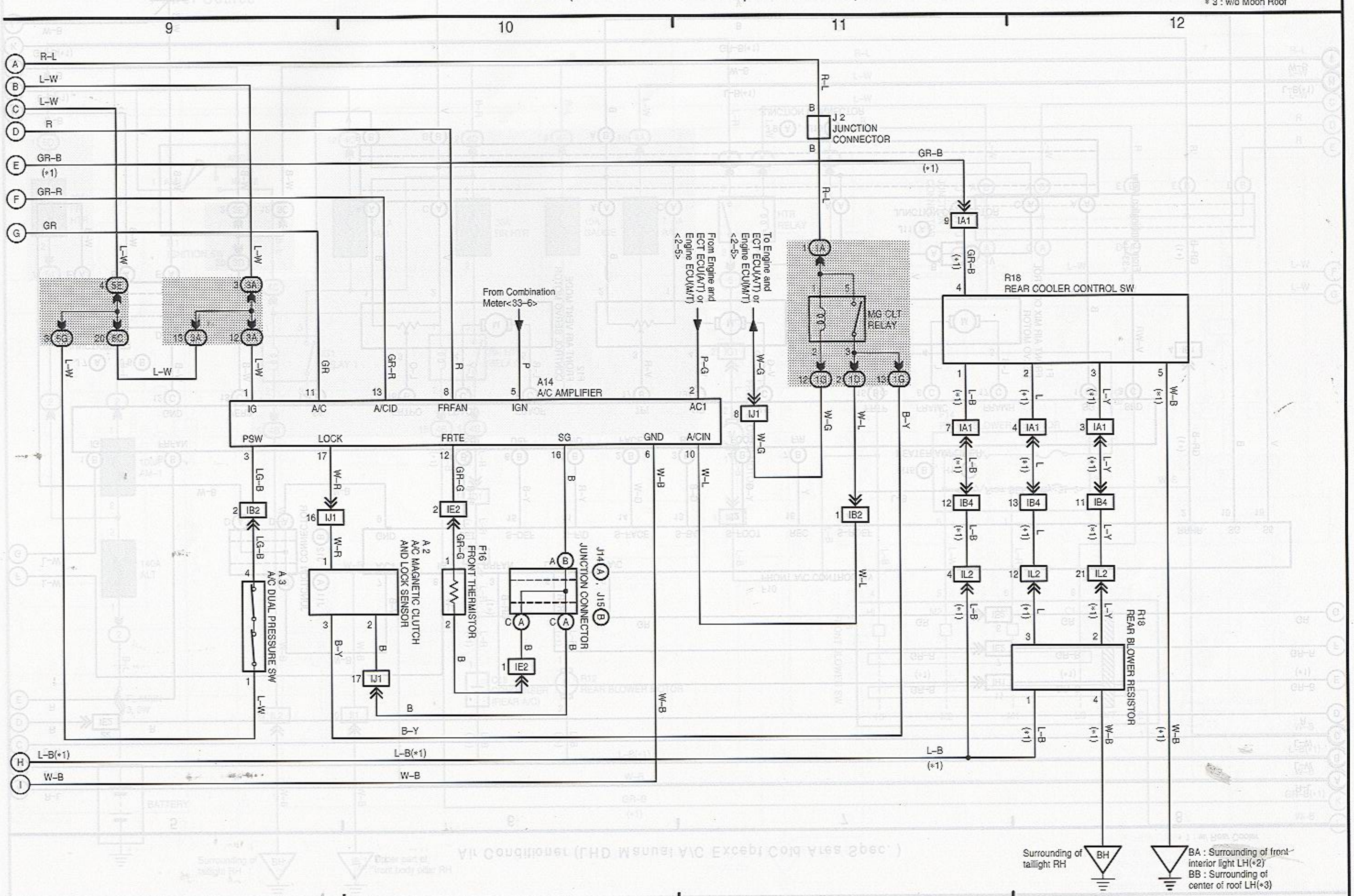
Air Conditioner (LHD Manual A/C Except Cold Area Spec.)

* 1 : w/ Rear Cooler



Air Conditioner (LHD Manual A/C Except Cold Area Spec.)

* 1 : w/ Rear Cooler
* 2 : w/ Moon Roof
* 3 : w/o Moon Roof



(Cont. next page)

Power Source

Air Conditioner (RHD Manual A/C Except Cold Area Spec.)

* 1 : w/ Rear Cooler

1 2 3 4

5D 5J 4C 4D 4E 4A 4B 4G 4F 4S

40A ER HTR

100A AM–1

140A ALT

FL MAIN 3. 0W

BATTERY

I11 IGNITION SW

ACC AM1 IG1

7. 5A AM1

30A RR HTR

10A GAUGE

7. 5A A/C

IG1 RELAY 1

RR HTR RELAY

HTR RELAY

IG1

F13 FRONT BLOWER MOTOR

C18 CONDENSER (REAR A/C)

R12 REAR BLOWER MOTOR

J7 (A), J8 (B) JUNCTION CONNECTOR

F14 FRONT BLOWER RESISTOR

F15 FRONT BLOWER SW

HI M2 M1 LO OFF E C1

IL2 IB1

BH Surrounding of taillight RH

IB Upper part of front body pillar RH

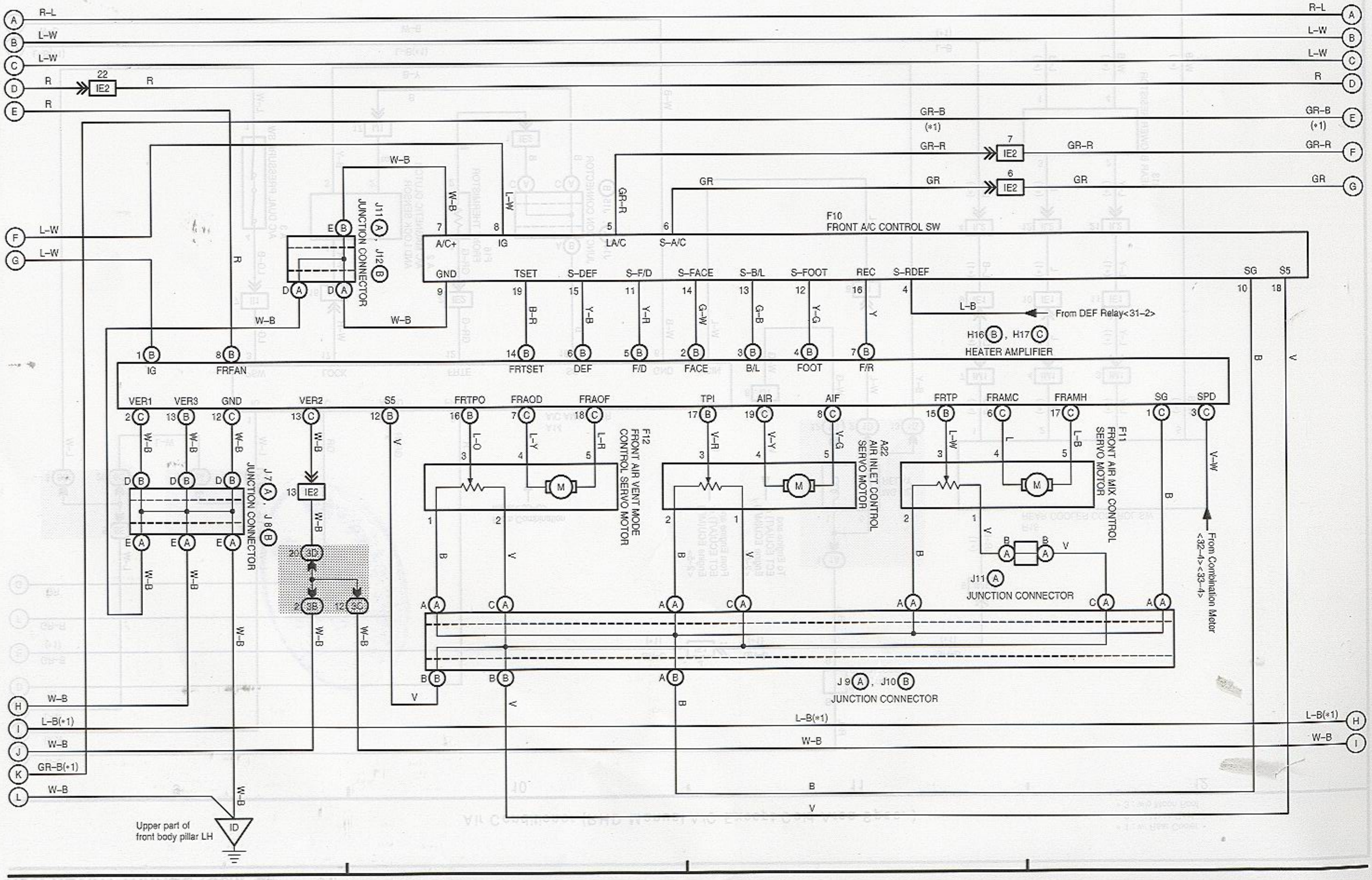
R–L L–W L–R L–B W–B B–R B–L Y GR–B

(*1)

A B C D E F G H I J K L

(Cont. next page)

Air Conditioner (RHD Manual A/C Except Cold Area Spec.)



MARGAID DIVISION OVERHAUL ELECTRICAL WIRING

N

Air Conditioner (RHD Manual A/C Except Cold Area Spec.)

* 1 : w/ Rear Cooler
* 2 : w/ Moon Roof
* 3 : w/o Moon Roof

9 10 11 12

A R-L
B L-W
C L-W
D R
E GR-B (*1)
F GR-R
G GR

5E 5G 20 5C
3A 3A 3A 12 1 11 13 8
IG A/C A/CID FRFAN

From Combination Meter<33-6>
P
5 IGN
A14 A/C AMPLIFIER

From Engine and ECT ECU(A/T) or Engine ECU(M/T) <2-5>
P-G
2 ACT

To Engine and ECT ECU(A/T) or Engine ECU(M/T) <2-5>
W-G
8 IJ1

GR-B (*1)
4 IE1
GR-B (*1)
R-L
B J2 JUNCTION CONNECTOR B
R-L
GR-B (*1)
9 IM1

1A 1 5 30 3 2 MG CLT RELAY
12 1G 2 1D 13 1G

W-G
W-L
B-Y

GR-B (*1)
4 R18 REAR COOLER CONTROL SW

1 L-B (*1) 7 IM1
2 L (*1) 4 IM1
3 L-Y (*1) 3 IM1
5 W-B (*1)

L-B (*1) 9 IE1
L (*1) 10 IE1
L-Y (*1) 11 IE1
W-B (*1)

L-B (*1) 4 IL2
L (*1) 12 IL2
L-Y (*1) 21 IL2

R13 REAR BLOWER RESISTOR
1 3 2 4
L-B (*1) L (*1) L-Y (*1) W-B (*1)

PSW 3 LG-B 7 II1 LG-B 4
A3 A/C DUAL PRESSURE SW
1 L-W

LOCK 17 W-R 16 IJ1 W-R 1
A2 A/C MAGNETIC CLUTCH AND LOCK SENSOR
3 B-Y 2 B 17 IJ1 B

FRTE 12 GR-G 2 IE2 GR-G 1
F16 FRONT THERMISTOR
2 B

SG 16 B
J14 A, J15 B JUNCTION CONNECTOR
A B C A C A B
B 1 IE2 B

GND 6 W-B
A/CIN 10 W-L 8 II1 W-L

H L-B(*1)
I W-B

B-Y
L-B(*1)
W-B

L-B (*1)

Surrounding of taillight RH
BH

BA : Surrounding of front interior light LH(*2)
BB : Surrounding of center of roof LH(*3)

TOYOTA

QUALITY SERVICE

ERSEAS SERVICE DIVISION
OYOTA MOTOR CORPORATION

PRINTED IN JAPAN(S)
First Printing : Jan. 28,2000 01-000128-00
Fourth Printing : Nov. 12,2001 04-011112-00