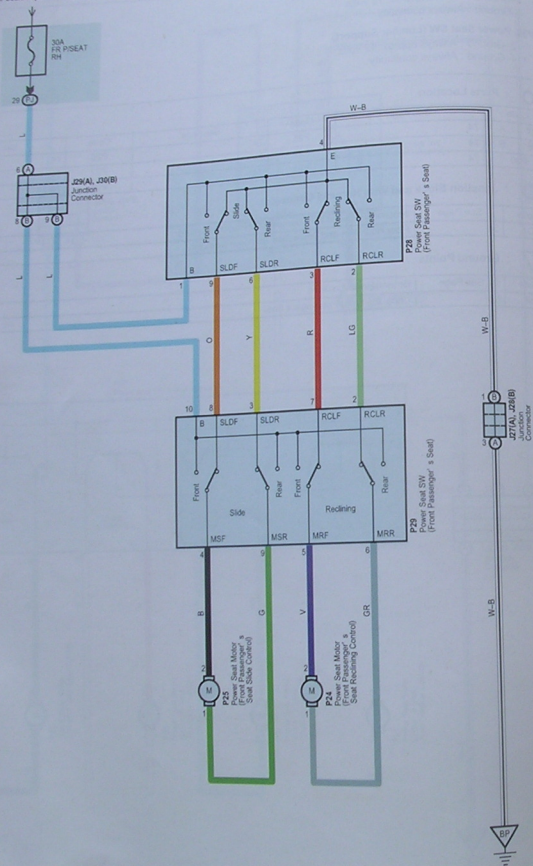


电动座椅 (前乘员座椅)

From Power Source System (See Page 92)



Service Hints

P28 Power Seat SW (Front Passenger's Seat)

1-Ground : Always approx. 12 volts

4-Ground : Always continuity

P29 Power Seat SW (Front Passenger's Seat)

10-Ground : Always approx. 12 volts

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
J27	A 74	J30	B 74		
J28	B 74	P24	74	P28	74
J29	A 74	P25	74	P29	74

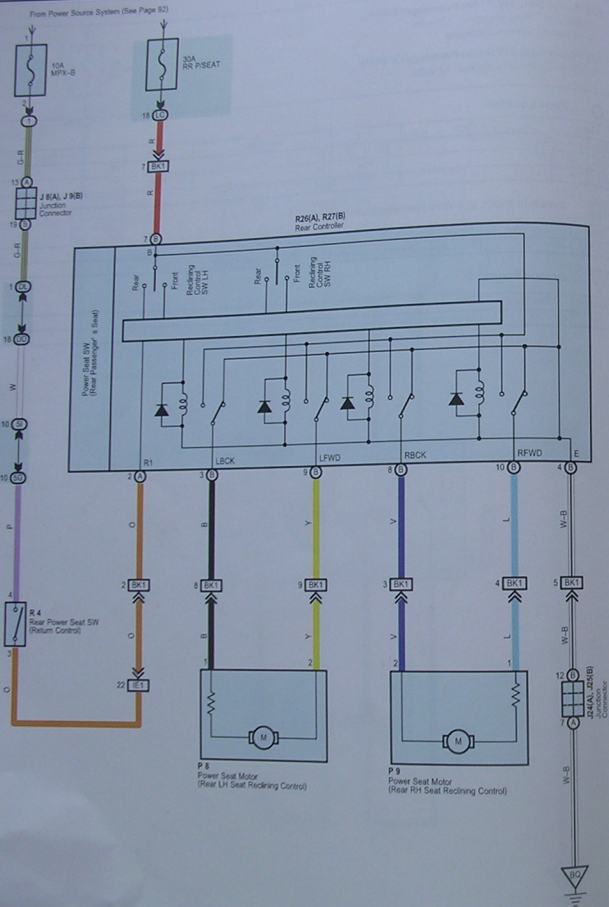
○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness Connector Location
PJ	40	Floor Wire and Front Passenger's Side J/B (Cowl Side Right)

▽ : Ground Points

Code	See Page	Ground Points Location
BP	82	Under the Front Passenger's Seat

电动座椅 (后乘员座椅)



Service Hints

R27 (B) Rear Controller

- (B) 7-Ground : Always approx. 12 volts
- (B) 4-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
J5	A 68	J25	B 71	R4	68
J9	B 68	P8	72	R26	A 75
J24	A 71	P9	72	R27	B 75

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No. 1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
SG	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
SI		Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DD	33	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
DL	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
LC	55	Floor No. 2 Wire and Luggage Room J/B (Luggage Room Left)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	78	Instrument Panel Wire and Floor No. 2 Wire (Left Kick Panel)
BK1	88	Rear Seat RH No. 2 Wire and Floor No. 2 Wire (Back the Rear Seat LH)

▽ : Ground Points

Code	See Page	Ground Points Location
BQ	82	Rear Floor Partition Panel LH

From Power Source System (See Page 82)



Service Hints

F16 Fuel Lid Opener SW

4-3 : Closed with the fuel lid opener SW on

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
F16	67	J24 A	71		
F25	71	J25 B	71		

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4C		
4D	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4E		
DA	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
LC	55	Floor No 2 Wire and Luggage Room J/B (Luggage Room Left)
LF		

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	78	Instrument Panel Wire and Floor No 2 Wire (Left Kick Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
BQ	82	Rear Floor Partition Panel LH

System Outline

When turning ON the rear window defogger SW (Which also works as the mirror heater SW) on multi-display (w/ navigation system) or integration control and panel assembly (w/o navigation system) with the ignition SW at ON position (Ignition SW type) or the power SW at IG ON position (Power SW type), the mirror heater operation request signal is sent to A/C amplifier (Front). After receiving the signal, A/C amplifier (Front) sends the mirror heater relay activating signal to door ECUs (Driver's side and front passenger's side). When receiving the signal, the mirror heater relay inside of door ECU activates for the mirror heater to generate heat. A/C amplifier (Front) counts time of the mirror heater timer, and stops sending the mirror heater relay activating signal when the signal is kept sending for 15 minutes.

Service Hints

D19 (B) Driver Door ECU

- (B) 4, (B) 6—Ground : Always approx. 12 volts
 (B) 3—Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
 (B) 1—Ground : Always continuity

F17 (A) Front Passenger Door ECU

- (A) 4, (A) 6—Ground : Always approx. 12 volts
 (A) 3—Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
 (A) 1—Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A11	66	G1	67	R3	C 68
A18	66	I9	67	R11	72
C15	66	J8	A 68	R14	72
D19	B 70	J9	B 68	T14	A 69
D20	C 70	M5	68		B 69
F17	A 71	P10	72		
F19	C 71	R1	A 68		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No.1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
5A		
5C		
5D	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5G		
DA		
DD	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DJ	34	Floor No 2 Wire and Driver Side J/B (Cowl Side Left)
DL	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
PA		
PD	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
PJ	40	Floor Wire and Front Passenger's Side J/B (Cowl Side Right)
PK	40	Engine Room Main Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

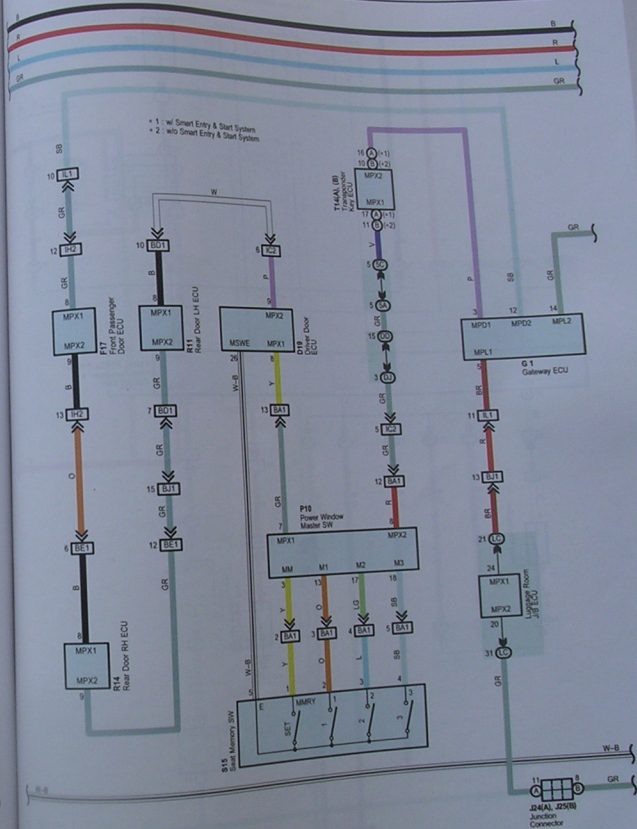
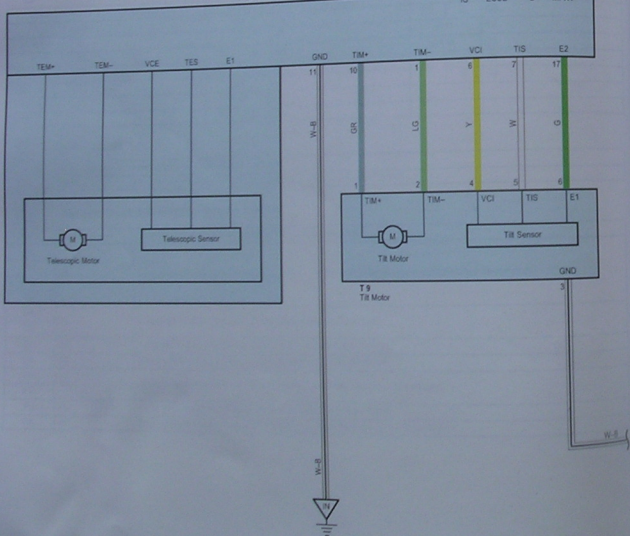
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	78	Front Door LH Wire and Floor No 2 Wire (Left Kick Panel)
IC2		
IH1	80	Front Door RH Wire and Floor Wire (Right Kick Panel)
IH2		
IL1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BA1	82	Front Door LH Wire and Front Door LH No 2 Wire (Inside of the Front Door LH)
BD1	82	Rear Door No 2 Wire and Floor No 2 Wire (Left Center Pillar)
BE1	82	Rear Door No 1 Wire and Floor Wire (Right Center Pillar)
BJ1	84	Floor Wire and Floor No 2 Wire (Rear Floor Partition Panel RH)

▽ : Ground Points

Code	See Page	Ground Points Location
BO	82	Under the Driver's Seat
BP	82	Under the Front Passenger's Seat

电动倾斜和伸缩

T8
Til and Telescopic ECU



电动倾斜和伸缩

System Outline

This system provides the automatic tilt and telescopic mechanisms using the motor drive and ECU control, allowing variable steering movement in the back and forth, and vertical directions. This makes it possible to set the steering to the desired steering position and move the steering to a position where the driver can easily get off the vehicle, allowing easier seating. Additionally, by linking the power seat, an optimal driving position corresponding to the driver's needs can be stored into the memory.

1. Auto Return Operation

When the ignition key is inserted into the key cylinder (Ignition SW type) or the power SW is pushed (Power SW type), the signal is input to the tilt and telescopic ECU by the multiplex communication. This activates the ECU to automatically return the steering to the position set before the ignition key has been removed.

2. Auto Away Operation

When the ignition key is turned from ON to OFF and removed from the key cylinder (Ignition SW type) or the power SW is pushed from IG ON to OFF position (Power SW type), the signal is input to the tilt and telescopic ECU by the multiplex communication. This activates the ECU to automatically move the steering to the top tilt step position and maximum telescopic retract position.

3. Manual Operation

The tilt and telescopic SW is operated when the ignition key is inserted in the key cylinder (Ignition SW type) or the electrical key is inserted in the key slot (Power SW type), the signal is sent to the tilt and telescopic ECU by the multiplex communication. As a result of that, the tilt and telescopic ECU controls the motor to adjust the telescopic position or the tilt position at will.

4. Driving Position Memory Function

The pulse signals detected by the tilt and telescopic sensors are input to the ECU. This makes it possible to store and recall the desired driving position by the multiplex communication.

Service Hints

T8 Tilt and Telescopic ECU

- 2, 9—Ground : Always approx. 12 volts
- 8—Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
- 11—Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C16	66	F17	71	R14	72
D3	A 67	G1	67	S15	73
D5	C 67	J8	A 68	T8	69
D9	70	J9	B 68	T9	69
D19	70	J24	A 71	T14	A 69
F12	A 67	J25	B 71		B 69
F14	C 67	P10	72	U1	69
F15	D 67	R11	72		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No.1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	27	Engine Room Main Wire and Engine Room J/B No.2 (Engine Compartment Left)
1B		
1C	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
1E		
1K		
1A		
1C		
1G	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
1I		
1J		
DD	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DJ	34	Floor No.2 Wire and Driver Side J/B (Cowl Side Left)
DL	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
LC	55	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
PA	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
PD		
PK	40	Engine Room Main Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

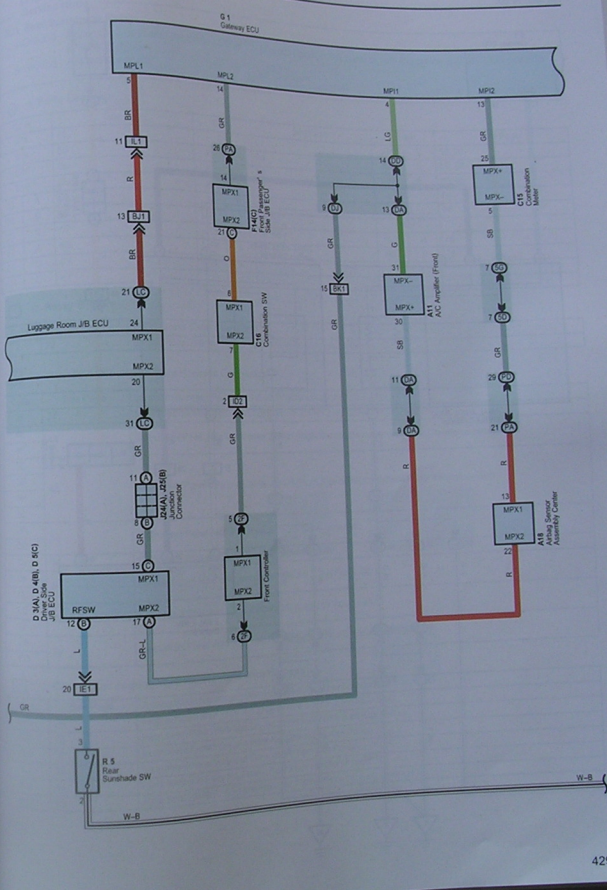
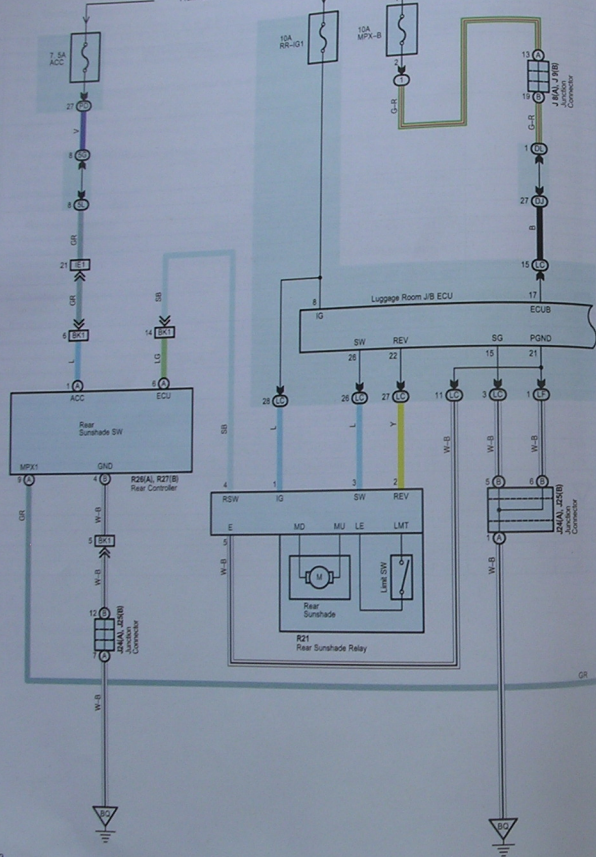
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
1C2	78	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
1D2	78	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
1E1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
1H2	80	Front Door RH Wire and Floor Wire (Right Kick Panel)
1L1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BA1	82	Front Door LH Wire and Front Door LH No.2 Wire (Inside of the Front Door LH)
BD1	82	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BE1	82	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BJ1	84	Floor Wire and Floor No.2 Wire (Rear Floor Partition Panel RH)

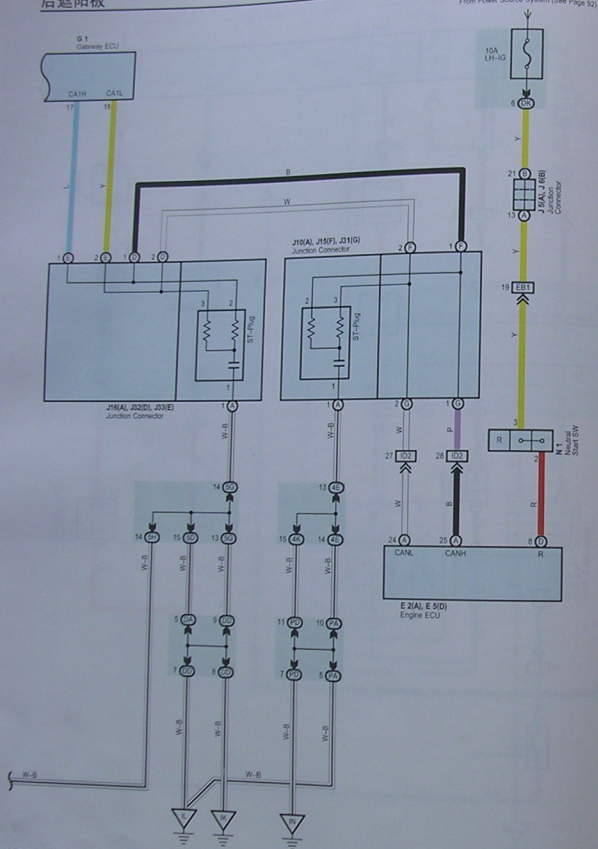
▽ : Ground Points

Code	See Page	Ground Points Location
1K	78	Cowl Side Panel LH
1L	78	Left Side of Shift Lever
1N	78	Cowl Side Panel RH

后遮阳板

From Power Source System (See Page 92)





Service Hints

R21 Rear Sunshade Relay

- 1-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
 5-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A11	66	G1	67	J31	G 58, 68
A15	66	J5	A 64	J32	D 60, 68
C15	66	J6	B 64	J33	E 60, 68
C16	66	J8	A 68		N1 64
D3	A 67	J9	A 68		R5 68
DA	B 67	J10	A 58, 68		R21 72
DC	C 67	J15	F 58, 68		R26 A 75
E3	A 63	J16	A 60, 68		R27 B 75
E3	D 63	J24	A 71		
F14	C 67	J25	B 71		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No.1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
2F	27	Engine Room Main Wire and Engine Room J/B No.2 (Engine Compartment Left)
4E	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
5D		
5G		
5H	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5L		
DA	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DD		
DJ	34	Floor No.2 Wire and Driver Side J/B (Cowl Side Left)
DK	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
DL		
LC	55	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
LF		
PA		
PD	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB1	76	Engine Room Main Wire and Engine Wire (Inside of the ECU Box)
ID2	78	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IE1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IL1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IJ1	84	Floor Wire and Floor No.2 Wire (Rear Floor Partition Panel RH)
IJ1	84	Floor Wire and Floor No.2 Wire (Rear Floor Partition Panel LH)
BK1	88	Rear Seat RH No.2 Wire and Floor No.2 Wire (Back the Rear Seat LH)

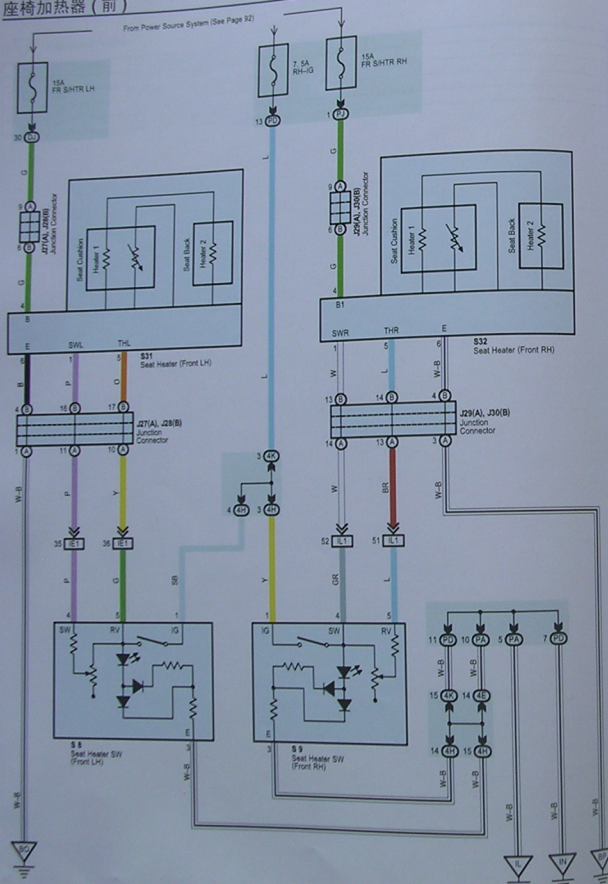
后遮阳板

▽ : Ground Points

Code	See Page	Ground Points Location
IK	78	Cowl Side Panel LH
IL	78	Left Side of Shift Lever
IN	78	Cowl Side Panel RH
BQ	82	Rear Floor Partition Panel LH

座椅加热器 (前)

From Power Source System (See Page 82)



Service Hints

S31, S32 Seat Heater (Front LH), (Front RH)

4-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)

6-Ground : Always continuity

S8, S9 Seat Heater SW (Front LH), (Front RH)

5-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)

3-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
J07	A 74	J30	B 74	S31	74
J08	B 74	S8	69	S32	74
J09	A 74	S9	69		

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4E		
4H	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4K		
DJ	34	Floor No.2 Wire and Driver Side J/B (Cowl Side Left)
FA	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
PD		
PJ	40	Floor Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

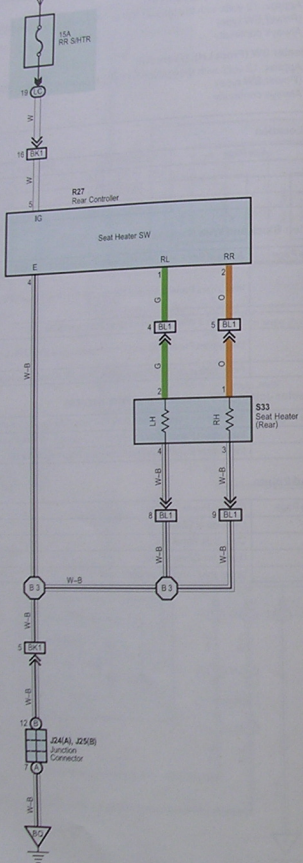
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IL1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
IL	78	Left Side of Shift Lever
IN	78	Cowl Side Panel RH
BO	82	Under the Driver's Seat
BP	82	Under the Front Passenger's Seat

椅加热器 (后)

From Power Source System (See Page R21)



Service Hints

R27 Rear Controller

- 5-Ground : Approx. 12 volts with the Ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
- 4-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
R24 A	71	R27	75		
R25 B	71	S33	75		

□ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
LC	55	Floor No.2 Wire and Luggage Room J.B (Luggage Room Left)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BK1	88	Rear Seat RH No.2 Wire and Floor No.2 Wire (Back the Rear Seat LH)
BL1	88	Rear Seat RH No.2 Wire and Rear Seat LH No.2 Wire (Back the Rear Seat RH)

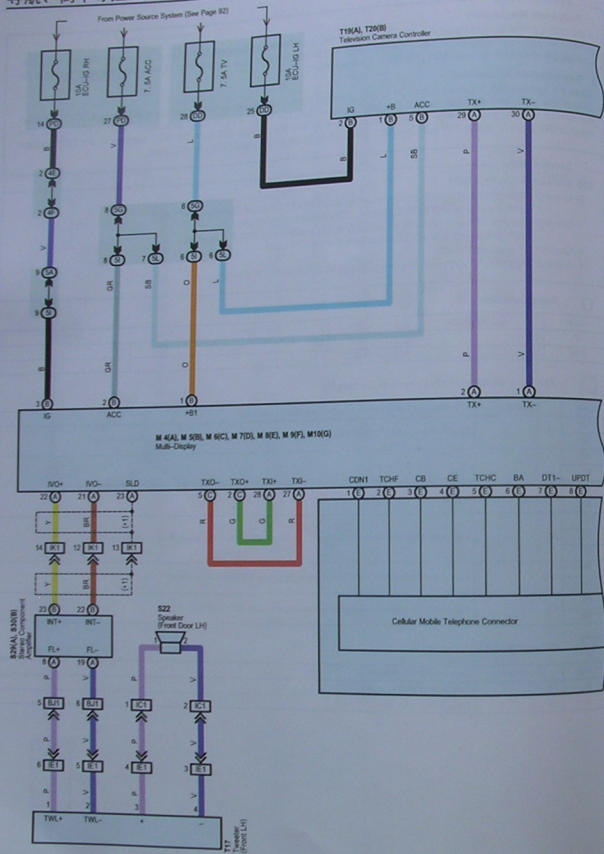
▽ : Ground Points

Code	See Page	Ground Points Location
BQ	82	Rear Floor Partition Panel LH

○ : Splice Points

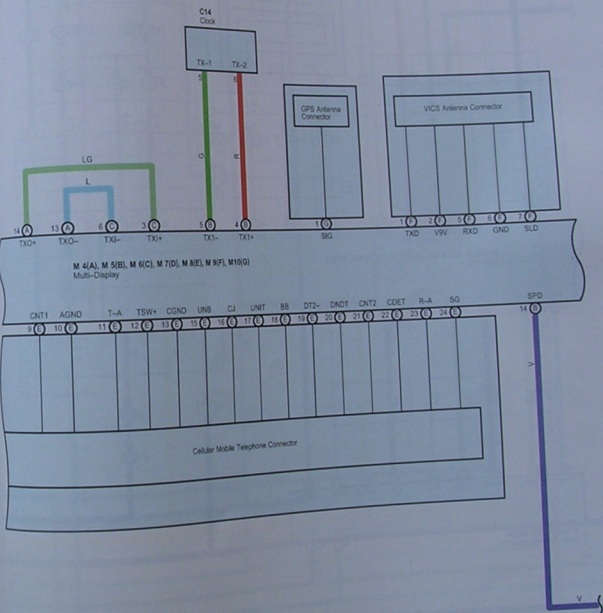
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B3	88	Rear Seat RH No.2 Wire			

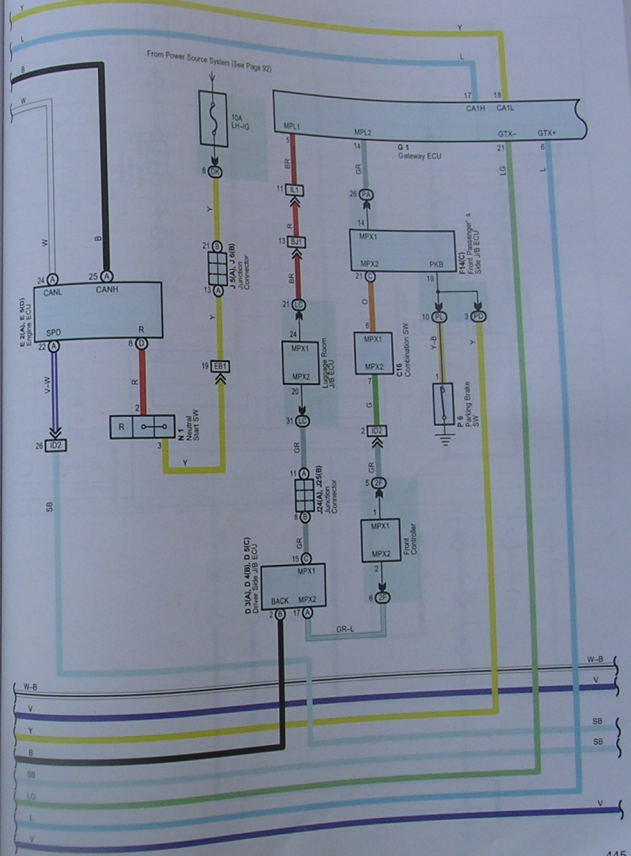
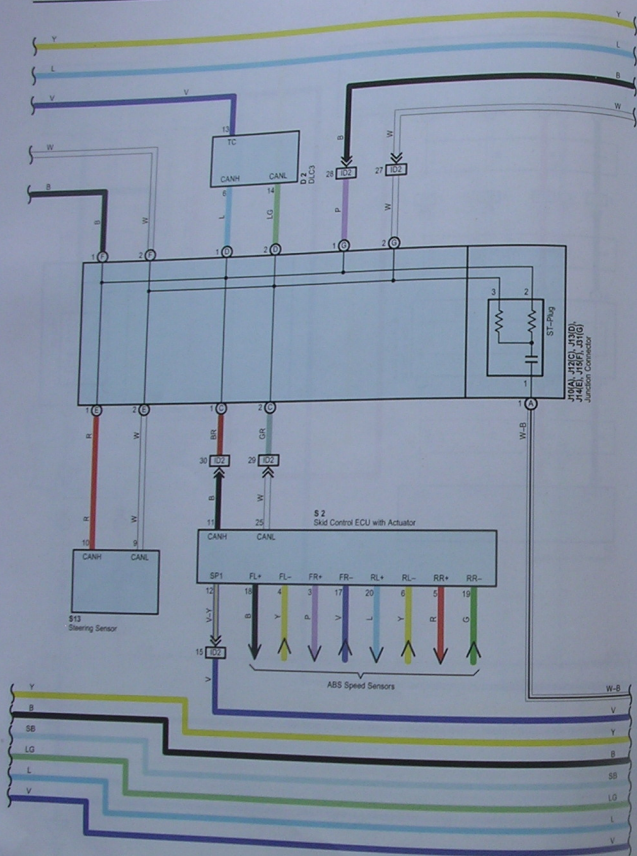
导航、倒车导控监视器和电话



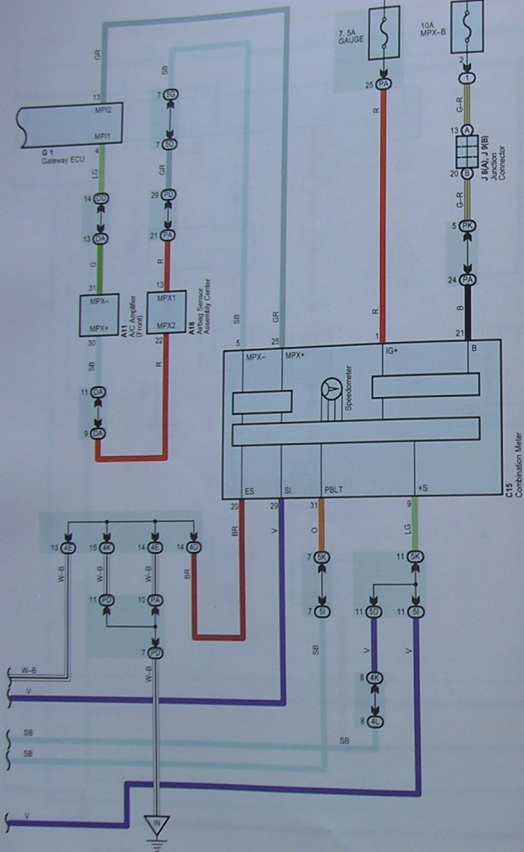
T19(A), T20(B)
Television Camera Controller

1:1 Shield





From Power Source System (See Page 92)



Service Hints

- M4 (A), M5 (B) Multi-Display**
- (B) 1-Ground : Always approx. 12 volts
 - (B) 3-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at ON position (Power SW type)
 - (B) 2-Ground : Approx. 12 volts with the ignition SW at ON or ACC position (Ignition SW type) or with the power SW at IG ON or ACC ON position (Power SW type) or
 - (A) 12, (B) 10-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A11	66	J12	C 58, 68	N1	64
A18	66	J13	D 58, 68	O3	71
C14	66	J14	E 58, 68	P5	65
C15	66	J15	F 58, 68	R1	A 68
C16	66	J16	A 60, 68	R3	C 68
D2	67	J18	C 60, 68	R28	68
D3	A 67	J24	A 71	S2	65
D4	B 67	J25	B 71	S13	69
D5	C 67	J31	G 58, 68	S22	73
E2	A 63	J32	D 60, 68	S29	A 73
E5	D 63	J33	E 60, 68	S30	B 73
F14	C 67	M4	A 68	T17	69
G1	67	M5	B 68	T19	A 69
J5	A 64	M6	C 68	T20	B 69
J6	B 64	M7	D 68	T21	73
J8	A 68	M8	E 68	W5	A 73
J9	B 68	M9	F 68	W6	B 73
J10	A 58, 68	M10	G 68		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No. 1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

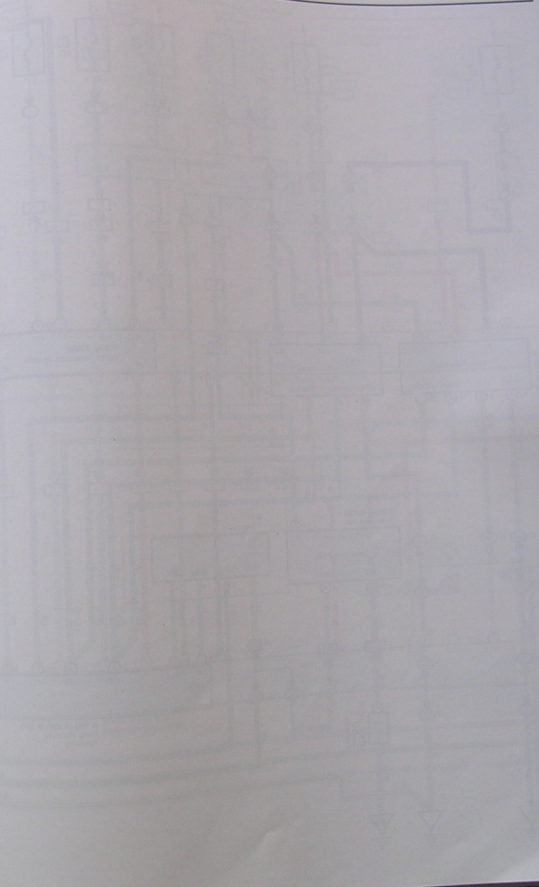
Code	See Page	Junction Block and Wire Harness (Connector Location)
ZF	27	Engine Room Main Wire and Engine Room J/B No.2 (Engine Compartment Left)
4D	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4E		
4F		
4K		
4L		
5A		
5D	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5G		
5I		
5K		
5L		
5M	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DA		
DD	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
DK	55	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
LC	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
PA	40	Engine Room Main Wire and Front Passenger's Side J/B (Cowl Side Right)
PD		
PK		
PL		

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB1	76	Engine Room Main Wire and Engine Wire (Inside of the ECU Box)
IA2	78	Instrument Panel Wire and Roof Wire (Left Side of the Instrument Panel)
IC1	78	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
ID2	78	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IE1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IE2	80	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
IK1	80	Instrument Panel Wire and Floor Wire (Under the Rear Console)
IL1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM1	80	Instrument Panel Wire and Floor No.2 Wire (Under the Rear Console)
IJ1	84	Floor Wire and Floor No.2 Wire (Rear Floor Partition Panel RH)

▽ : Ground Points

Code	See Page	Ground Points Location
IK	78	Cowl Side Panel LH
IL	78	Left Side of Shift Lever
IN	78	Cowl Side Panel RH



音响系统

Service Hints

R2 (B) Radio Receiver Assembly
 (B) 11-Ground : Approx. 12 volts with the ignition SW at ON or ACC position (Ignition SW type) or with the power SW at IG ON or ACC ON position (Power SW type)

(B) 1-Ground : Always approx. 12 volts
 (B) 20-Ground : Always continuity

S29 (A), S30 (B) Stereo Component Amplifier
 (B) 12-Ground : Approx. 12 volts with the ignition SW at ON or ACC position (Ignition SW type) or with the power SW at IG ON or ACC ON position (Power SW type)

(A) 1, (A) 10-Ground : Always approx. 12 volts
 (A) 15, (A) 16-Ground : Always continuity

M5 (B) Multi-Display (w/ Navigation System)

(B) 1-Ground : Always approx. 12 volts
 (B) 2-Ground : Approx. 12 volts with the ignition SW at ON or ACC position (Ignition SW type) or with the power SW at IG ON or ACC ON position (Power SW type)
 (B) 3-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
 (B) 8-Ground : Always continuity

I9 Integration Control and Panel Assembly (w/o Navigation System)

6-Ground : Always approx. 12 volts
 1-Ground : Approx. 12 volts with the ignition SW at ON or ACC position (Ignition SW type) or with the power SW at IG ON or ACC ON position (Power SW type)
 2-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
 5-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A11	66	M4	A 68	S22	73
A18	66	M5	B 68	S23	73
A25	66	R1	A 68	S24	73
C15	66	R2	B 68	S25	73
G1	67	R3	C 68	S26	73
I9	67	R26	A 75	S29	A 73
J8	A 68	R27	B 75	S30	B 73
J9	B 68	S2	65	T17	69
J24	A 71	S11	69	T18	69
J25	B 71	S12	69		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No. 1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

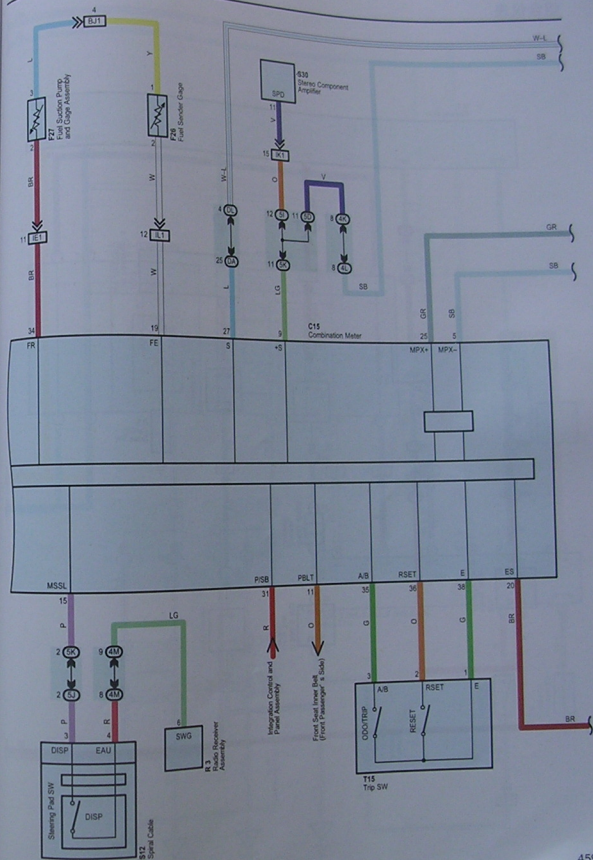
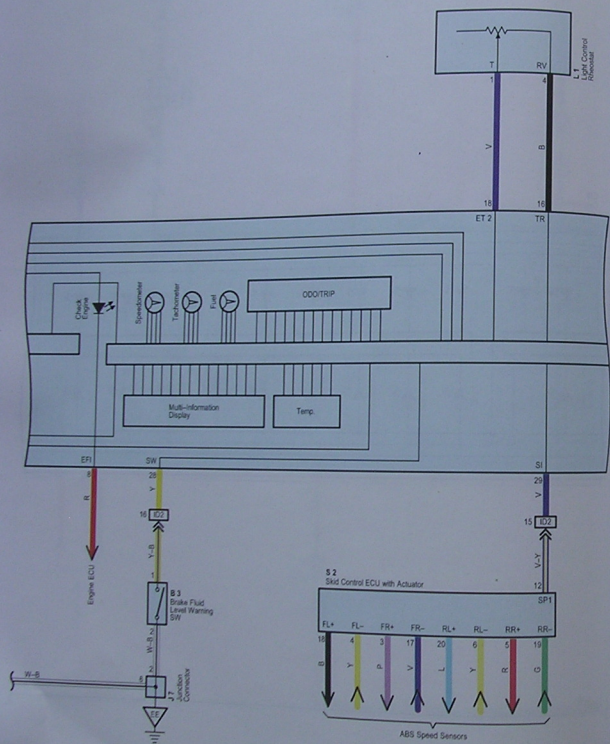
Code	See Page	Junction Block and Wire Harness (Connector Location)
IC		
ID		
IE	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
IK		
IM		
IA		
ID		
IG		
IJ	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
IJ		
IK		
IL		
IM		
IA	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
ID		
IJ	34	Floor No.2 Wire and Driver Side J/B (Cowl Side Left)
IK		
IA	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
ID		
IJ	40	Floor Wire and Front Passenger's Side J/B (Cowl Side Right)
IK	40	Engine Room Main Wire and Front Passenger's Side J/B (Cowl Side Right)

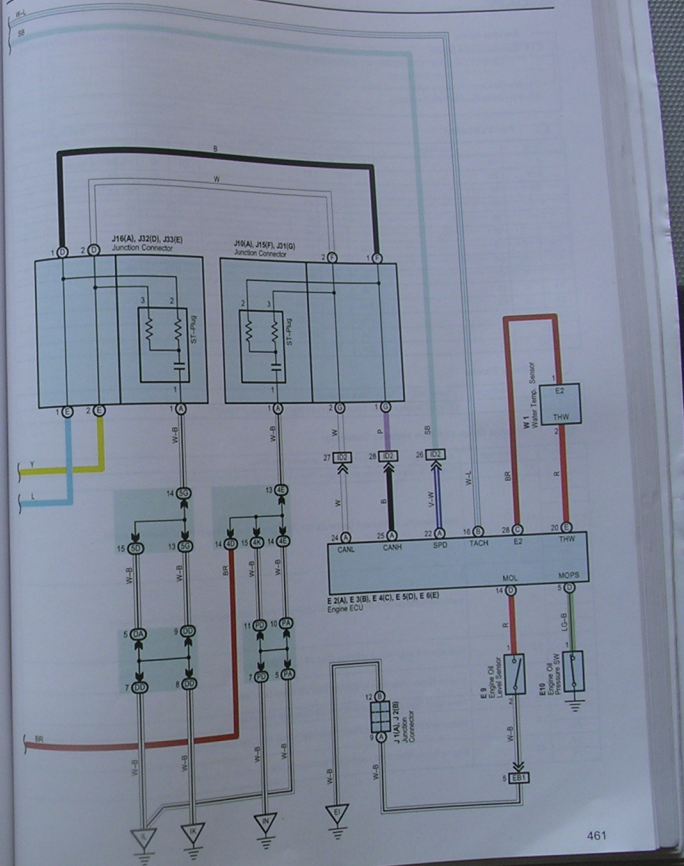
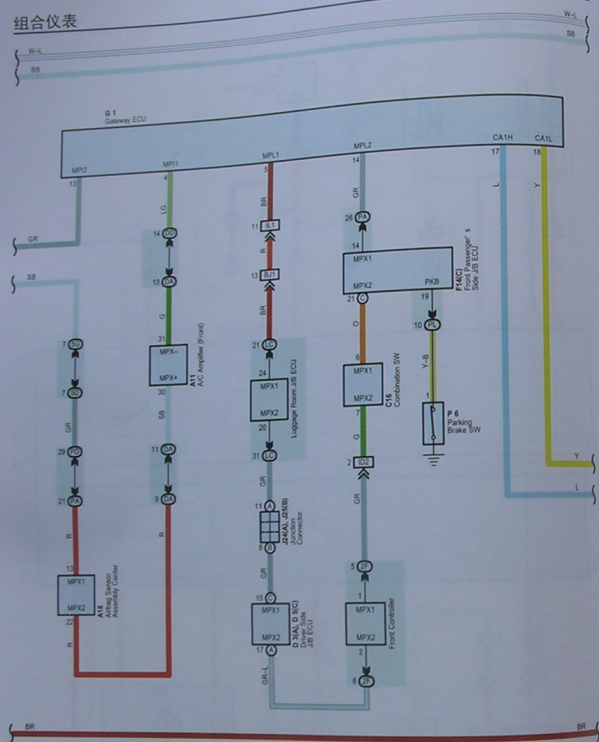
□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	78	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
I2	78	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IE1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IH1	80	Front Door RH Wire and Floor Wire (Right Kick Panel)
IJ1	80	Engine Room Main Wire and Floor Wire (Right Kick Panel)
IK1	80	Instrument Panel Wire and Floor Wire (Under the Rear Console)
IL1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IM1	80	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BD1	82	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BE1	82	Floor Wire and Floor No.2 Wire (Rear Floor Partition Panel RH)
BJ1	84	Floor Wire and Floor No.2 Wire (Back the Rear Seat LH)
BK1	88	Rear Seat RH No.2 Wire and Floor No.2 Wire (Back the Rear Seat LH)

▽ : Ground Points

Code	See Page	Ground Points Location
IK	78	Cowl Side Panel LH
IL	78	Left Side of Shift Lever
IM	78	Right Side of Shift Lever
IN	78	Cowl Side Panel RH
BQ	82	Rear Floor Partition Panel LH
BS	82	Right Side of Luggage Room





组合仪表

Service Hints

C15 Combination Meter 1—Ground ; Approx. 12 volts with the Ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)

21, 22—Ground ; Always approx. 12 volts

20, 40—Ground ; Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A11	66	F14	C 67	J25	B 71
A18	66	F16	67	J31	G 58, 68
B3	62	F26	71	J32	D 60, 68
C15	66	F27	71	J33	E 60, 68
C16	66	G1	67	L1	68
D3	A 67	J1	A 64	P6	68
D5	C 67	J2	B 64	R3	68
E2	A 63	J7	64	S2	65
E3	B 63	J8	A 68	S12	69
E4	C 63	J9	B 68	S30	73
E5	D 63	J10	A 58, 68	T15	69
E6	E 63	J15	F 58, 68	W1	65
E9	63	J16	A 60, 68		
E10	63	J24	A 71		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No. 1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

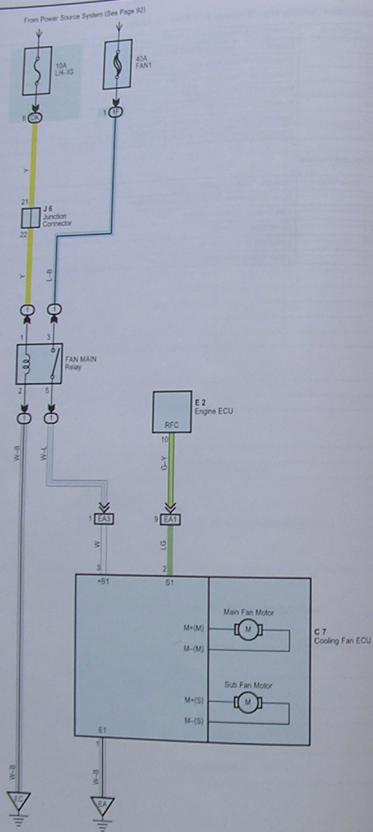
Code	See Page	Junction Block and Wire Harness (Connector Location)
2F	27	Engine Room Main Wire and Engine Room J/B No. 2 (Engine Compartment Left)
4C		
4D		
4E		
4K	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4L		
4M		
5D		
5G		
5I		
5J	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5K		
DA		
DD	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DK		
DL	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
LC	55	Floor No. 2 Wire and Luggage Room J/B (Luggage Room Left)
PA	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
PD		
PK		
PL	40	Engine Room Main Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB1	76	Engine Room Main Wire and Engine Wire (Inside of the ECU Box)
CC2	78	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
GL1	78	Instrument Panel Wire and Floor No. 2 Wire (Left Kick Panel)
IC2	80	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
RI1	80	Instrument Panel Wire and Floor Wire (Under the Rear Console)
RL1	80	Instrument Panel Wire and Floor Wire (Right Kick Panel)
RJ1	84	Floor Wire and Floor No. 2 Wire (Rear Floor Partition Panel RH)

▽ : Ground Points

Code	See Page	Ground Points Location
EE	76	Rear Side of the Front Left Fender Agron
EI	76	Left Side of Cylinder Head
IK	78	Cowl Side Panel LH
IL	78	Left Side of Shift Lever
IN	78	Cowl Side Panel RH



System Outline

System Operation

If the Ignition SW is turned to ON, the current from the LH-IG fuse is sent to the coil side of the FAN MAIN relay is turned to ON. Then the current flows to TERMINAL 3 of the cooling fan ECU. At the same time, the conditions of the A/C SW, A/C pressure sensor, water temp. sensor and engine rotation are sent to the TERMINAL 2 as signals from the TERMINAL RFC balance between the cooling efficiency and silentness with the optimal fan rotation.

Service Hints

C7 Cooling Fan ECU

3-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)

1-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C7	62	E2	63	J6	64

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No.1 (Near the Front Right Suspension Tower)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	23	Engine Room Main Wire and Engine Room J/B No.1 (Near the Front Right Suspension Tower)
DK	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)

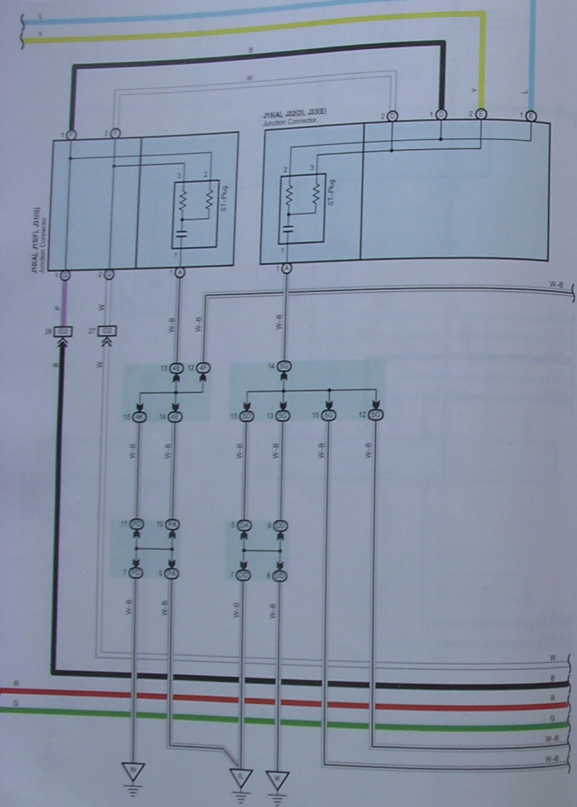
□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	76	Engine Room No.2 Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.2)
EA3		

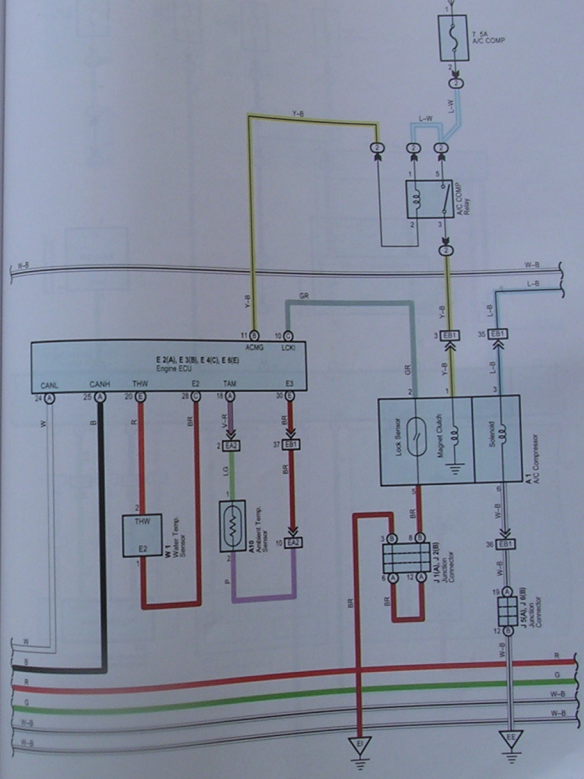
▽ : Ground Points

Code	See Page	Ground Points Location
EA	76	Front Side of Front Right Fender Apron
EC	76	Rear Side of the Front Right Fender Apron

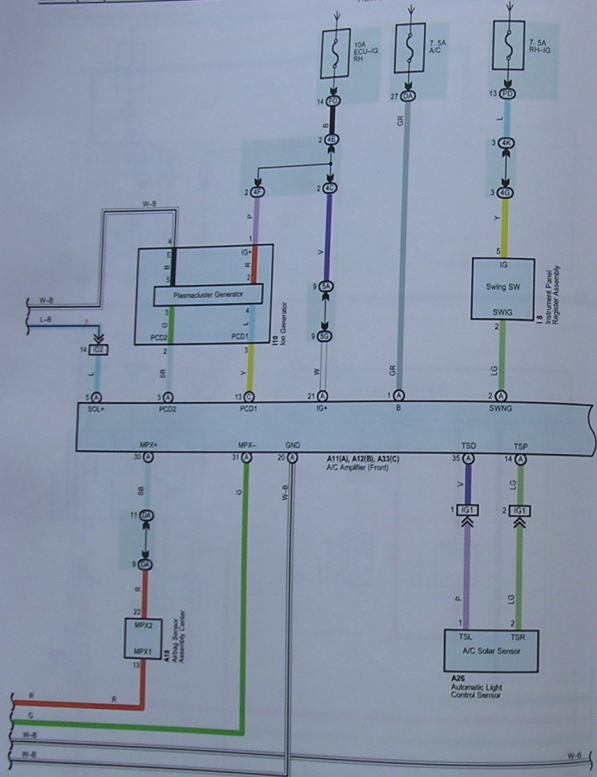
空调(前)



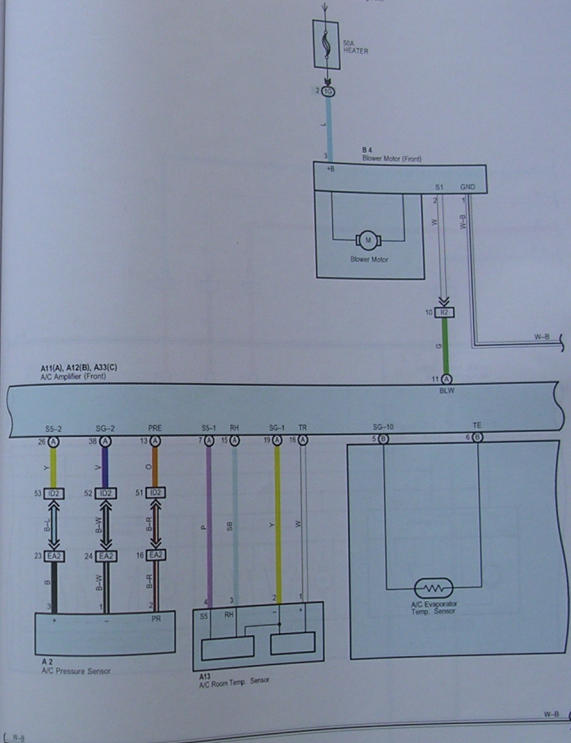
From Power Source (See Page 82)

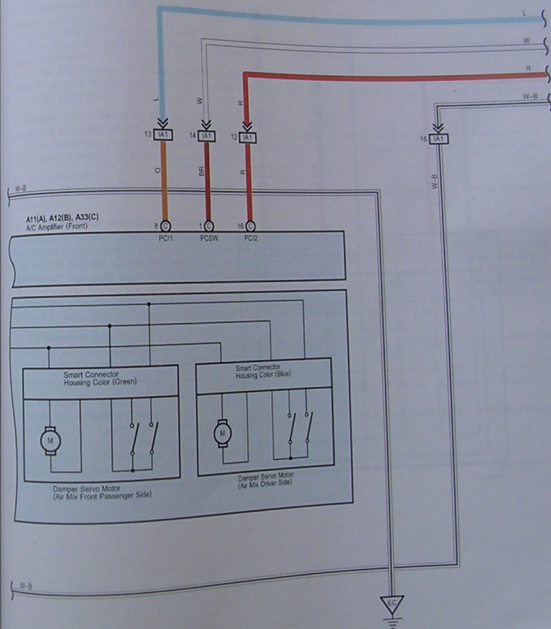
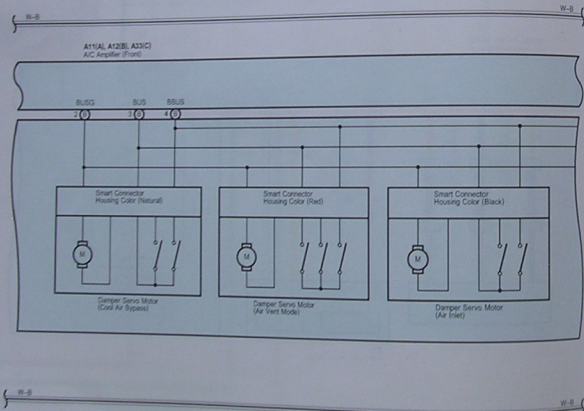


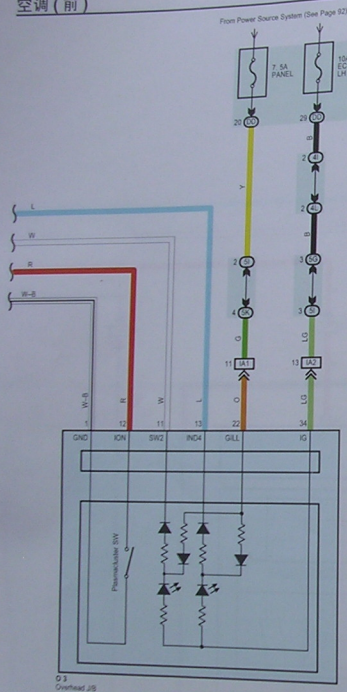
From Power Source System (See Page 92)



From Power Source System (See Page 92)







System Outline

1. Heater Blower Operation

Manual operation

When the blower speed is set to a certain level using the blower control SW, the A/C amplifier sends the signals to the blower control to control the blower motor speed.

Auto operation

When the AUTO SW is turned on, the A/C amplifier sends the signals from various sensors and temperature SW to the blower control to automatically control the blower motor speed.

2. Damper Servo Motor (Air Inlet) Control

(Manual operation)

If the FRESH/RECIRC select SW is operated, the A/C amplifier is controlled and the damper servo motor (Air inlet) works. As a result of that, the mode can be changed between the RECIRCULATED mode and the FRESH mode.

3. Damper Servo Motor (Air Vent Mode) Control

(Manual operation)

If the mode select SW is operated, the A/C amplifier is controlled to operate the damper servo motor (Air vent mode) and the positions of outlets change among FACE, BI-LEVEL, FOOT, FOOT/DEF and DEF.

(Auto operation)

When the AUTO mode is selected, the A/C amplifier selects the best position of the outlet according to the signals from various sensors and operates the damper servo motor (Air vent mode) to change the outlet position among FACE, BI-LEVEL and FOOT.

4. Damper Servo Motor (Air Mix) Control

According to the signals from various sensors, the A/C amplifier operates the damper servo motors (Air mix driver side), (Air mix front passenger side) and sets the blowoff temperature to the most appropriate degree in order to adjust the temperature to the desired degree set by the temperature control SW.

5. Swing Register

When the A/C is at SWING mode, the A/C amplifier selects the center face grill direction and angle, and controls the swing grill resistor.

6. Neural Network Automatic A/C Control

The neural network consists of neurons of the input layer, the inner layer and the output layer. The neural network takes and processes the information of the input layers (Such as the outside temperature, quantity of sunlight, and temperature inside the vehicle decided by the switches or each sensor outputs), and outputs them to the inner layer. Based on the output information, the inner layer adjusts the strength of the connection between neurons and calculates its total as the output layers (Such as appropriate blowoff temperature, adjustment of the quantity of sunlight, ideal quantity of the wind, and control level of the blowoff mode). As a result of that, the A/C amplifier evaluates conditions under the various circumstances and helps the neural network memorize the ideal air conditioning detected to control A/C automatically.

7. Plasmacluster

When the plasmacluster SW is turned ON, plasmacluster ion are controlled so that the ion balance in the cabin is adjusted to close to that in forests and near the water falls.

Service Hints

A11 (A) A/C Amplifier (Front)

(A)21-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)

(A) 1-Ground : Always approx. 12 volts

(A)20-Ground : Always continuity

空调 (前)

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	62	E4	C 63	J25	B 71
A2	62	E6	E 63	J31	G 58, 68
A10	62	G1	67	J32	D 60, 68
A11	A 66	I8	67	J33	E 60, 68
A12	B 66	I10	67	M4	A 68
A13	66	J1	A 64	M5	B 68
A18	66	J2	B 64	O3	71
A26	66	J5	A 64	R1	A 68
A27	70	J6	B 64	R3	C 68
A33	C 66	J10	A 58, 68	R26	A 75
B4	66	J15	F 58, 68	R27	B 75
C15	66	J16	A 60, 68	S21	73
E2	A 63	J24	A 71	W1	65
E3	B 63				

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
Z	26	Engine Room R/B No.2 (Engine Compartment Left)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1G	23	Engine Room Main Wire and Engine Room J/B No.1 (Near the Front Right Suspension Tower)
4C		
4E		
4F		
4G	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4I		
4K		
5A		
5O		
5G		
5I	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5K		
5L		
5M		
DA		
DD	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DJ	34	Floor No.2 Wire and Driver Side J/B (Cowl Side Left)
PA		
PD	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
E42	76	Engine Room No.2 Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.2)
EB1	76	Engine Room Main Wire and Engine Wire (Inside of the ECU Box)
IA1	78	Instrument Panel Wire and Roof Wire (Left Side of the Instrument Panel)
IA2		
DA2	78	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IE1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IG1	80	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
IG2	80	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
BI1	84	Floor No.2 Wire and Rear A/C Sub Wire (Rear Floor Partition Panel LH)
PK1	88	Rear Seat RH No.2 Wire and Floor No.2 Wire (Back the Rear Seat LH)

▽ : Ground Points

Code	See Page	Ground Points Location
EC	76	Rear Side of the Front Right Fender Apron
EE	76	Rear Side of the Front Left Fender Apron
EI	76	Left Side of Cylinder Head
IK	78	Cowl Side Panel LH
IL	78	Left Side of Shift Lever
IN	78	Cowl Side Panel RH
BO	82	Rear Floor Partition Panel LH

空调 (后)

System Outline

The rear A/C OFF/AUTO/MANUAL (Mode), temperature can be selected at the A/C control panel installed in the multi-display (w/ navigation system), integration control and panel assembly (w/o navigation system) or the rear controller in the rear center arm rest, which allows independent temperature control.

Service Hints

A27 A/C Amplifier (Rear)

10-Ground : Approx. 12 volts with the ignition SW at ON position (Ignition SW type) or with the power SW at IG ON position (Power SW type)
 9-Ground : Always approx. 12 volts
 7-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
				M5	68
A11	66	D7	70	R1	A 68
A18	66	G1	67	R3	C 68
A27	70	H	67	R26	A 75
B6	70	J24	A 71	R27	B 75
B7	70	J25	B 71	S21	73
C15	66	M1	71		

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
SD		
SG	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
SL		
DA	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DD		
DJ	34	Floor No.2 Wire and Driver Side J/B (Cowl Side Left)
LC	55	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
FA		
PD	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	78	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
BI1	84	Floor No.2 Wire and Rear A/C Sub-Wire (Rear Floor Partition Panel LH)
BK1	68	Rear Seat RH No.2 Wire and Floor No.2 Wire (Back the Rear Seat LH)

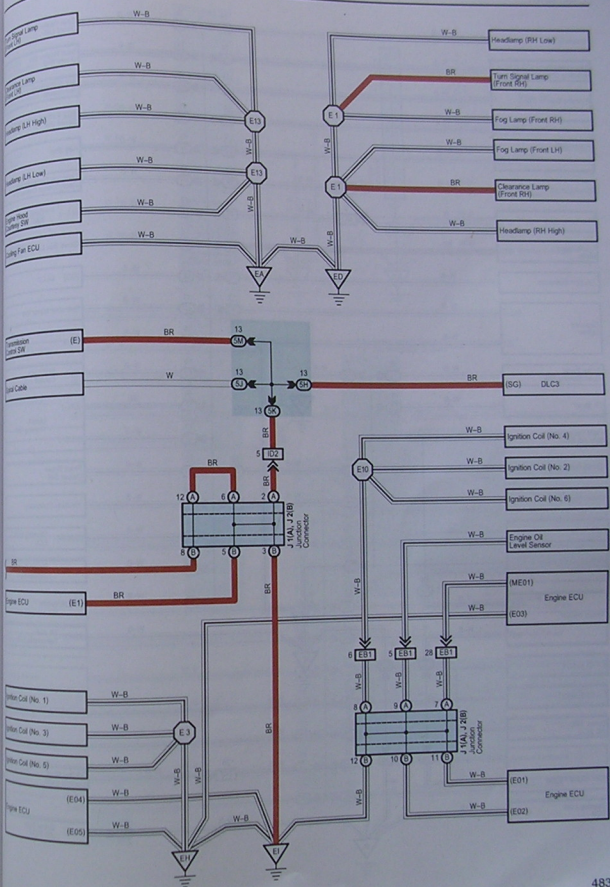
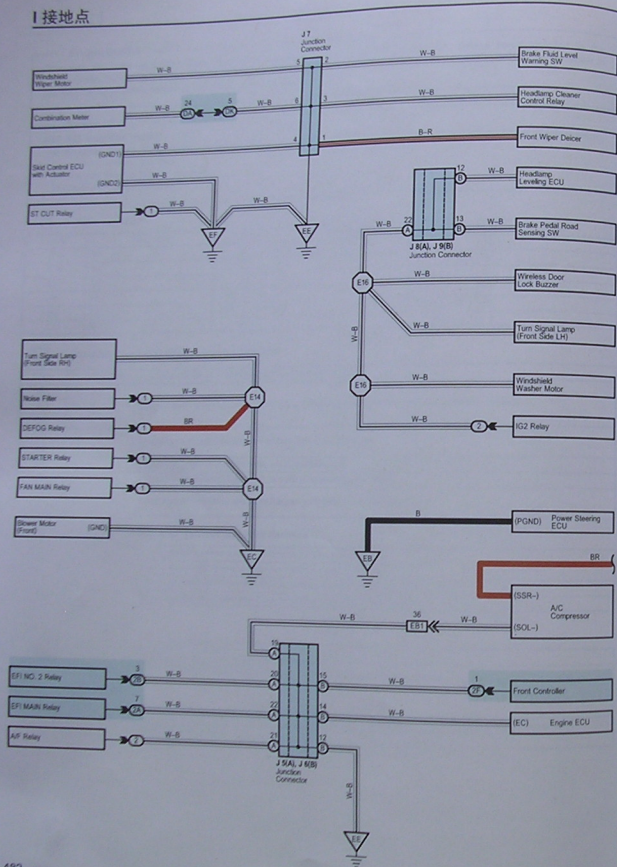
▽ : Ground Points

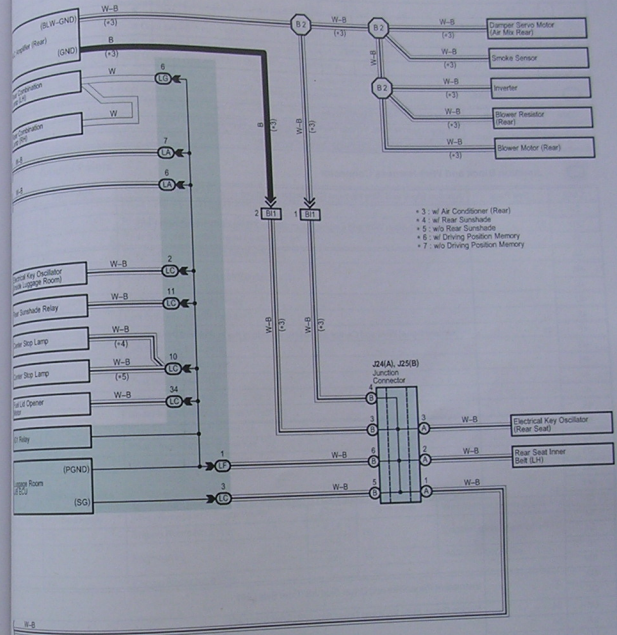
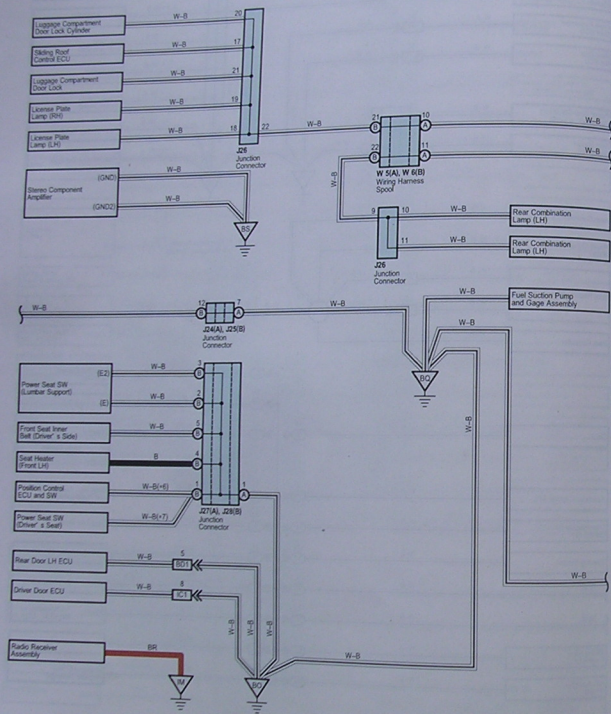
Code	See Page	Ground Points Location
BQ	82	Rear Floor Partition Panel LH

○ : Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B2	84	Rear A/C Sub-Wire			

I 接地点





- 3. w/ Air Conditioner (Rear)
- 4. w/ Rear Sunshade
- 5. w/ Rear Sunshade
- 6. w/ Driving Position Memory
- 7. w/ Driving Position Memory

I 接地点

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
J1	A 64	J9	B 68	J26	B 74
J2	B 64	J23	71	J29	A 74
J5	A 64	J24	A 71	J30	B 74
J6	B 64	J25	B 71	WS	A 73
J7	64	J26	71	WS	B 73
J8	A 68	J27	A 74		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B No.1 (Near the Front Right Suspension Tower)
2	26	Engine Room R/B No.2 (Engine Compartment Left)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
2A		
2B	27	Engine Room Main Wire and Engine Room J/B No.2 (Engine Compartment Left)
2F		
4A		
4B		
4C		
4D		
4E		
4F	44	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4G		
4H		
4I		
4J		
4K		
5B		
5C		
5D		
5G		
5H	48	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5I		
5J		
5K		
5L		
5M		
DA	33	Instrument Panel Wire and Driver Side J/B (Cowl Side Left)
DD		
DK	34	Engine Room Main Wire and Driver Side J/B (Cowl Side Left)
LA	54	
LC		
LF	55	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
LG	54	Luggage Room Wire and Luggage Room J/B (Luggage Room Left)
PA	39	Instrument Panel Wire and Front Passenger's Side J/B (Cowl Side Right)
PD		
PL	40	Engine Room Main Wire and Front Passenger's Side J/B (Cowl Side Right)

Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA	76	Engine Room Main Wire and Engine Wire (Inside of the ECU Box)
EB	76	Instrument Panel Wire and Roof Wire (Left Side of the Instrument Panel)
EC	76	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
ED	76	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
EE	76	Front Door RH Wire and Floor Wire (Right Kick Panel)
EF	80	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
EG	82	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
EH	82	Floor No.2 Wire and Rear A/C Sub Wire (Rear Floor Partition Panel LH)
EI	84	Rear Seat RH No.2 Wire and Floor No.2 Wire (Back the Rear Seat LH)
EJ	88	Rear Seat RH No.2 Wire and Rear Seat LH No.2 Wire (Back the Rear Seat RH)
EK	88	

▽ : Ground Points

Code	See Page	Ground Points Location
EA	76	Front Side of Front Right Fender Apron
EB	76	Right Side of Suspension Tower
EC	76	Rear Side of the Front Right Fender Apron
ED	76	Front Side of Front Light Fender Apron
EE	76	Rear Side of the Front Left Fender Apron
EF	76	Right Side of Cylinder Head
EG	76	Left Side of Cylinder Head
EH	76	Cowl Side Panel LH
EI	78	Left Side of Shift Lever
EJ	78	Right Side of Shift Lever
EK	78	Cowl Side Panel RH
EL	82	Under the Driver's Seat
EM	82	Under the Front Passenger's Seat
EN	82	Rear Floor Partition Panel LH
EO	82	Rear Floor Partition Panel RH
EP	82	Right Side of Luggage Room

○ : Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	76	Engine Room No.2 Wire	E14	76	Engine Room Main Wire
E3	76	Engine Wire	E16		
E10			B2	84	Rear A/C Sub Wire
E13	76	Engine Room No.2 Wire			

Engine Room R/B No.1 and Engine Room J/B No.1 (See Page 22)

Fuse		System	Page
10A	DOME	Clock	396
		Combination Meter	456
		ECT and A/T Indicator	142
		Front Fog Light	174
		Headlight	168
		Interior Light	192
		Power Window	306
		Push Button Start and Engine Immobilizer and Steering Lock	100
		Rear Fog Light	180
		Sliding Roof	370
		Taillight	208
		Theft Deterrent	284
		Wireless Door Lock Control (w/o Smart Entry & Start System)	268
		10A	ECU-B
10A	MPX-B	Audio System	450
		Automatic Light Control	234
		Back-Up Light	230
		Charging	110
		Combination Meter	456
		Cruise Control	320
		Door Lock Control	242
		ECT and A/T Indicator	142
		Engine Control	118
		EPS	350
		Front Fog Light	174
		Front Window Deicer	388
		Front Wiper and Washer	382
		Headlight	168
		Illumination	214
		Interior Light	192
		Key Reminder	302
		Light Auto Turn Off System	238
		Luggage Compartment Door Opener	376
		Mirror Heater	418
		Multiplex Communication System (AVC-LAN)	158
		Multiplex Communication System (BEAN)	162
		Multiplex Communication System (CAN)	154
		Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobilir Telephone	440
		Power Seat (Driver's Seat w/ Driving Position Memory)	402
		Power Seat (Rear Passenger's Seat)	412
		Power Tilt and Power Telescopic	422
		Power Window	306

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
10A	MPX-B	Push Button Start and Engine Immobilizer and Steering Lock	100
		Rear Fog Light	180
		Rear Sunshade	428
		Remote Control Mirror	364
		Seat Belt Warning	298
		Sliding Roof	370
		SRS	341
		Stop Light	226
		Taillight	208
		Theft Deterrent	284
		TRC and VSC and Tire Pressure Warning System	332
		Turn Signal and Hazard Warning Light	186
		Wireless Door Lock Control (w/ Smart Entry & Start System)	270
		Wireless Door Lock Control (w/o Smart Entry & Start System)	268
10A	TURN-HAZ	Turn Signal and Hazard Warning Light	186
10A	ABS2	TRC and VSC and Tire Pressure Warning System	332
10A	MAIN	Automatic Light Control	234
		Headlight	168
		Headlight Beam Level Control	356
		Headlight Cleaner	360
10A	RAD NO.1	Light Auto Turn Off System	238
10A	RAD NO.2	Audio System	450
10A	RH J/B-B	Audio System	450
		Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
		Shift Lock	438
10A	STARTER	Starting (w/o Smart Entry & Start System)	108
10A	STARTER	Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
		Engine Control	100
10A	FAN1	Push Button Start and Engine Immobilizer and Steering Lock	108
10A	ABS1	Starting (w/o Smart Entry & Start System)	464
10A	DEFORG	Cooling Fan	332
10A	HEATER	TRC and VSC and Tire Pressure Warning System	390
10A	P/I-B	Rear Window Defogger	466
10A	EPS	Air Conditioner (Front)	118
10A	LH J/B-AM	Engine Control	350
10A	RH J/B-AM	EPS	214
10A	RH J/B-AM	Illumination	118
		Engine Control	100
10A	RH J/B-AM	Push Button Start and Engine Immobilizer and Steering Lock	100

* These are the page numbers of the first page on which the related system is shown.

J 电源 (电流流程图)

Fuse		System	Page
80A	RH J/B-AM	Shift Lock	438
		Starting (w/o Smart Entry & Start System)	108
		Rear Fog Light	180
140A	ALT	Charging	110
		Engine Control	118
		Shift Lock	438
		Starting (w/o Smart Entry & Start System)	108

Engine Room R/B No.2 and Engine Room J/B No.2 (See Page 26)

Fuse		System	Page
7.5A	A/C COMP	Air Conditioner (Front)	466
10A	EFI NO.2	Engine Control	118
10A	ETCS	Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
10A	FR TAIL	Automatic Light Control	234
		Light Auto Turn Off System	238
		Taillight	208
		Horn	394
10A	HORN	Theft Deterrent	284
		Wireless Door Lock Control (w/ Smart Entry & Start System)	270
		Engine Control	118
10A	IG2	Ignition	114
15A	A/F	Engine Control	118
15A	FR FOG	Front Fog Light	174
15A	H-LP L LWR	Headlight	168
15A	H-LP R LWR	Headlight	168
15A	H-LP UPR	Headlight	168
20A	DEICER	Front Window Deicer	388
20A	IG2 MAIN	Push Button Start and Engine Immobilizer and Steering Lock	100
20A	WASH	Front Wiper and Washer	382
		Headlight Cleaner	360
		Cruise Control	320
25A	EFI	ECT and A/T Indicator	142
		Engine Control	118
25A	F/PMP	Engine Control	118
30A	H-LP CLN	Headlight Cleaner	360

Front Passenger's Side J/B (See Page 38)

Fuse		System	Page
7.5A	ACC	Air Conditioner (Front)	466
		Air Conditioner (Rear)	478
		Audio System	450

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
ACC		Automatic Light Control	234
		Clock	396
		Door Lock Control	242
		Headlight	168
		Illumination	214
		Interior Light	192
		Key Reminder	302
		Light Auto Turn Off System	238
		Luggage Compartment Door Opener	376
		Multiplex Communication System (AVC-LAN)	158
		Multiplex Communication System (BEAN)	162
		Multiplex Communication System (CAN)	154
		Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobil Telephone	440
		Power Seat (Driver's Seat w/ Driving Position Memory)	402
		Power Tilt and Power Telescopic	422
		Power Window	306
		Push Button Start and Engine Immobilizer and Steering Lock	100
		Rear Sunshade	428
		Remote Control Mirror	364
		Seat Belt Warning	298
Theft Deterrent	284		
Wireless Door Lock Control (w/ Smart Entry & Start System)	270		
Wireless Door Lock Control (w/o Smart Entry & Start System)	288		
SA	AM1	Engine Control	118
		Shift Lock	438
		Starting (w/o Smart Entry & Start System)	108
SA	GAUGE	Audio System	450
		Charging	110
		Combination Meter	456
		Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
		EPS	350
		Front Fog Light	174
		Headlight	168
		Headlight Beam Level Control	356
		Illumination	214
		Interior Light	192
		Key Reminder	302
		Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobil Telephone	440
		Push Button Start and Engine Immobilizer and Steering Lock	100
		Rear Fog Light	180
		Seat Belt Warning	298

* These are the page numbers of the first page on which the related system is shown.

J 电源 (电流流程图)

Fuse		System	Page
7.5A	GAUGE	Sliding Roof	370
		SRS	341
		Stop Light	226
		Taillight	208
		Theft Deterrent	284
		TRC and VSC and Tire Pressure Warning System	332
7.5A	OBD	Engine Control	118
7.5A	RH-IG	Air Conditioner (Front)	466
		Cruise Control	320
		Door Lock Control	242
		ECT and A/T Indicator	142
		Electric Tension Reducer	414
		Front Window Deicer	388
		Illumination	214
		Interior Light	192
		Mirror Heater	418
		Power Window	306
		Remote Control Mirror	364
		Seat Heater (Front)	434
		Theft Deterrent	284
		TRC and VSC and Tire Pressure Warning System	332
7.5A	SECURITY	Engine Immobilizer System (w/o Smart Entry & Start system)	138
		Push Button Start and Engine Immobilizer and Steering Lock	100
7.5A	STOP SW	Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
		Push Button Start and Engine Immobilizer and Steering Lock	100
		Shift Lock	438
		Stop Light	226
		TRC and VSC and Tire Pressure Warning System	332
10A	ECU-IG RH	Air Conditioner (Front)	466
		Audio System	450
		Automatic Light Control	234
		Door Lock Control	242
		Front Fog Light	174
		Front Wiper and Washer	382
		Headlight	168
		Illumination	214
		Interior Light	192
		Key Reminder	302
		Light Auto Turn Off System	238
		Luggage Compartment Door Opener	376

* These are the page numbers of the first page on which the related system is shown.

Fuse	System	Page	
10A	ECU-IG RH	Multiplex Communication System (AVC-LAN)	158
		Multiplex Communication System (BEAN)	162
		Multiplex Communication System (CAN)	154
		Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobil Telephone	440
		Power Tilt and Power Telescopic	422
		Power Window	306
		Remote Control Mirror	364
		Seat Belt Warning	298
		Shift Lock	438
		Taillight	208
		Turn Signal and Hazard Warning Light	186
		Wireless Door Lock Control (w/ Smart Entry & Start System)	270
		Wireless Door Lock Control (w/o Smart Entry & Start System)	268
10A	IGN	Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
		Engine Immobilizer System (w/o Smart Entry & Start system)	138
		Push Button Start and Engine Immobilizer and Steering Lock	100
		SRS	341
10A	AM2	Cruise Control	320
		ECT and A/T Indicator	142
		Engine Control	118
		Push Button Start and Engine Immobilizer and Steering Lock	100
		Shift Lock	438
		Starting (w/o Smart Entry & Start System)	108
10A	CIG	Cigarette Lighter	398
10A	FR S/HTR RH	Seat Heater (Front)	434
10A	PWR OUTLET	Power Outlet	400
10A	FR DOOR RH	Automatic Light Control	234
		Door Lock Control	242
		Illumination	214
		Interior Light	192
		Light Auto Turn Off System	238
		Mirror Heater	418
		Power Window	306
		Remote Control Mirror	364
		Theft Deterrent	284
		Wireless Door Lock Control (w/ Smart Entry & Start System)	270
Wireless Door Lock Control (w/o Smart Entry & Start System)	268		
10A	RR DOOR RH	Door Lock Control	242
		Illumination	214
		Interior Light	192

* These are the page numbers of the first page on which the related system is shown.

J 电源 (电流流程图)

Fuse	System	Page
20A	RR DOOR RH	306
	Power Window	284
	Theft Deterrent	270
	Wireless Door Lock Control (w/ Smart Entry & Start System)	268
	Wireless Door Lock Control (w/o Smart Entry & Start System)	422
20A	TI & TE	100
25A	STR LOCK	402
30A	FR P/SEAT LH	408
	Power Seat (Driver's Seat w/o Driving Position Memory)	

Driver Side J/B (See Page 32)

Fuse	System	Page
7.5A	A/C	466
7.5A	H-LP LVL	356
7.5A	PANEL	466
	ILLUMINATION	214
7.5A	TV	466
	Audio System	450
	Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobil Telephone	440
	Seat Belt Warning	298
	Air Conditioner (Front)	466
10A	ECU-IG LH	238
	Automatic Light Control	234
	EPS	350
	Front Fog Light	174
	Front Wiper and Washer	382
	Headlight	168
	Light Auto Turn Off System	440
	Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobil Telephone	440
	Power Seat (Driver's Seat w/ Driving Position Memory)	402
	Sliding Roof	370
10A	FUEL OPN	416
	Combination Meter	456
	Fuel Lid Opener	416
	Air Conditioner (Rear)	478
10A	LH-IG	382
	Back-Up Light	230
	Charging	110
	Cooling Fan	464
	Cruise Control	320
	Door Lock Control	242
	ECT and A/T Indicator	142
	Electric Tension Reducer	414
	Front Wiper and Washer	382

These are the page numbers of the first page on which the related system is shown.

Fuse	System	Page
20A	LH-IG	360
	Headlight Cleaner	214
	Illumination	192
	Interior Light	418
	Mirror Heater	440
	Navigation and TOYOTA Parking Assist (Back Guide Monitor) and Cellular Mobil Telephone	402
	Power Seat (Driver's Seat w/ Driving Position Memory)	306
	Power Window	428
	Rear Sunshade	390
	Rear Window Defogger	364
	Remote Control Mirror	284
	Theft Deterrent	332
	TRC and VSC and Tire Pressure Warning System	186
	Turn Signal and Hazard Warning Light	270
	Wireless Door Lock Control (w/ Smart Entry & Start System)	268
Wireless Door Lock Control (w/o Smart Entry & Start System)	450	
20A	RAD NO.3	434
20A	FR S/HTR LH	410
20A	FR S/HTR RH	242
20A	FR DOOR LH	192
	Door Lock Control	418
	Interior Light	306
	Mirror Heater	364
	Power Window	284
	Remote Control Mirror	270
	Theft Deterrent	268
	Wireless Door Lock Control (w/ Smart Entry & Start System)	242
Wireless Door Lock Control (w/o Smart Entry & Start System)	214	
20A	RR DOOR LH	192
	Door Lock Control	306
	Illumination	284
	Interior Light	270
	Power Window	268
20A	S/ROOF	370
	Sliding Roof	382
	FR WIP	382
20A	FR WIP	382

Luggage Room J/B (See Page 52)

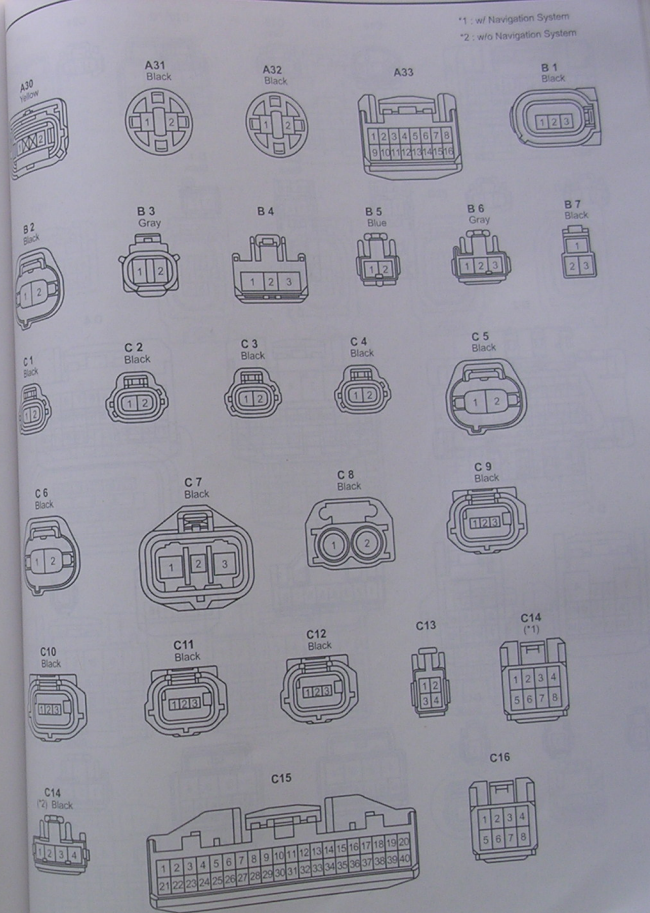
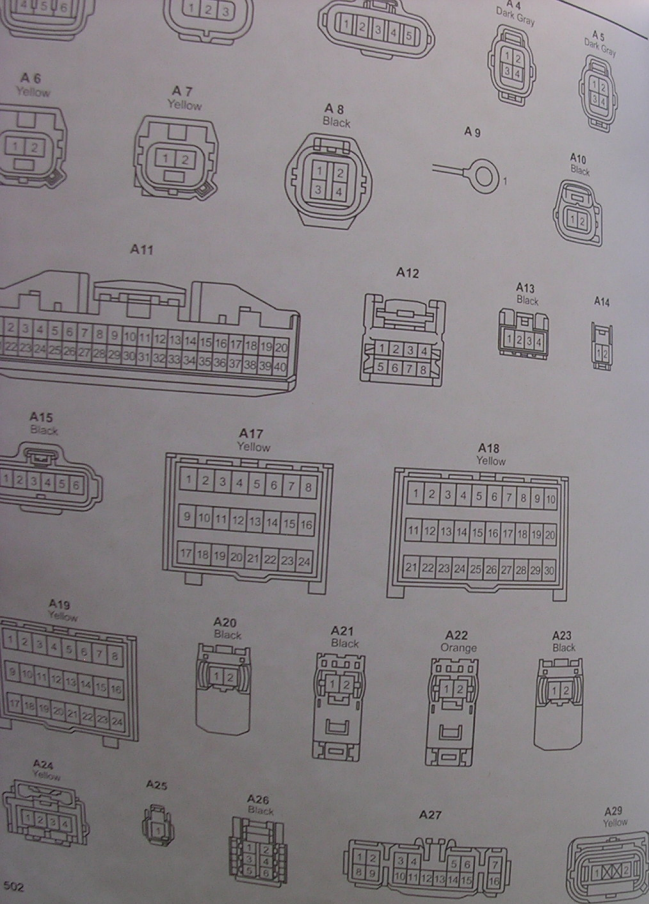
Fuse	System	Page
7.5A	RR FOG	208
10A	RR TAIL	478
10A	RR-B	230
	Back-Up Light	242
	Door Lock Control	

These are the page numbers of the first page on which the related system is shown.

J 电源 (电流流程图)

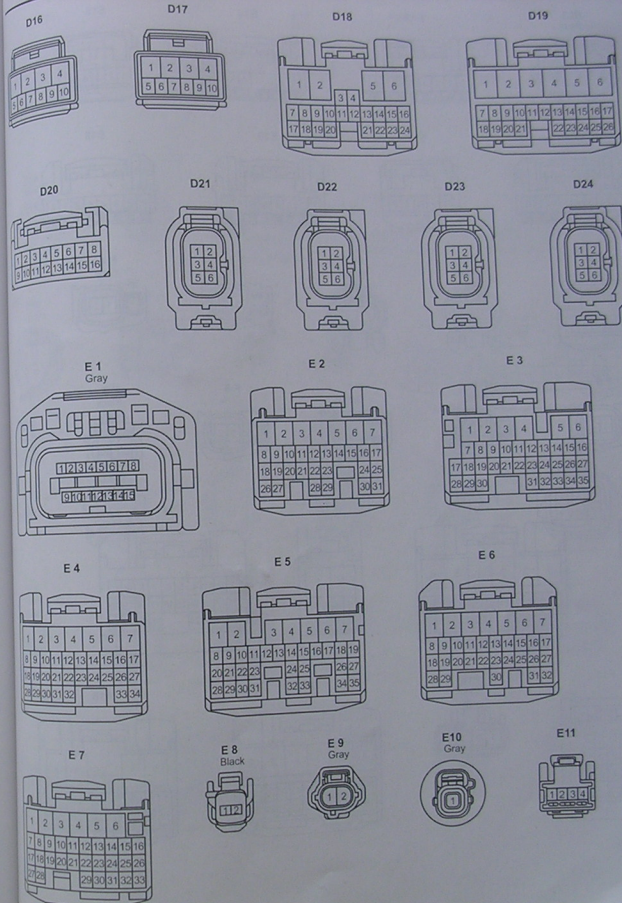
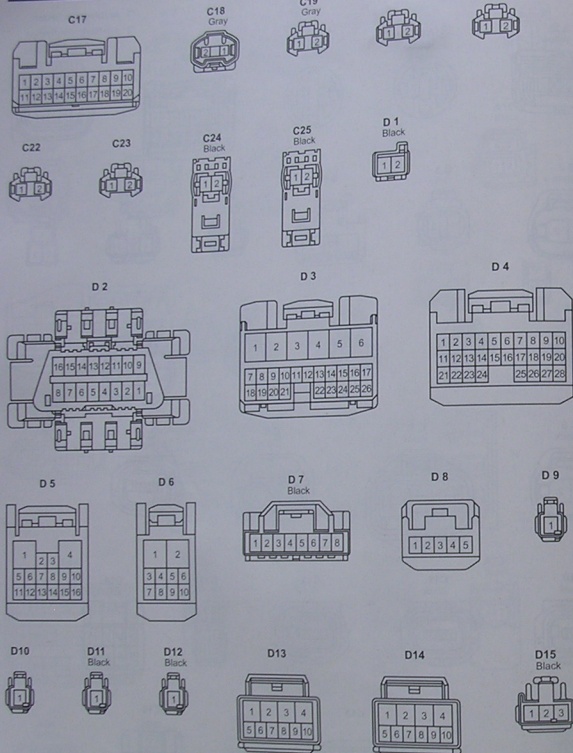
Fuse		System	Page
10A	RR-B	Interior Light	192
		Luggage Compartment Door Opener	376
		Luggage Compartment Door Opener	180
		Rear Fog Light	226
		Stop Light	208
		Taillight	284
		Theft Deterrent	270
		Wireless Door Lock Control (w/ Smart Entry & Start System)	268
		Wireless Door Lock Control (w/o Smart Entry & Start System)	242
10A	RR-IG	Door Lock Control	376
		Luggage Compartment Door Opener	284
		Theft Deterrent	270
		Wireless Door Lock Control (w/ Smart Entry & Start System)	268
		Wireless Door Lock Control (w/o Smart Entry & Start System)	230
10A	RR-IG1	Back-Up Light	414
		Electric Tension Reducer	192
		Interior Light	180
		Rear Fog Light	428
		Rear Sunshade	226
		Stop Light	208
		Taillight	226
10A	STOP LR L	Stop Light	226
10A	STOP LR R	Stop Light	436
15A	RR S/HTR	Seat Heater (Rear)	412
30A	RR P/SEAT	Power Seat (Rear Passenger's Seat)	

* These are the page numbers of the first page on which the related system is shown.

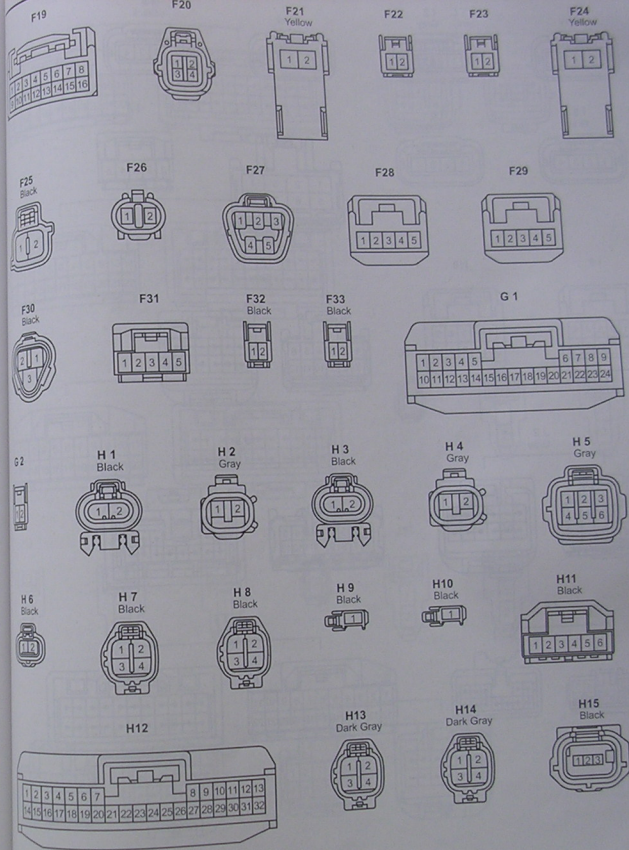
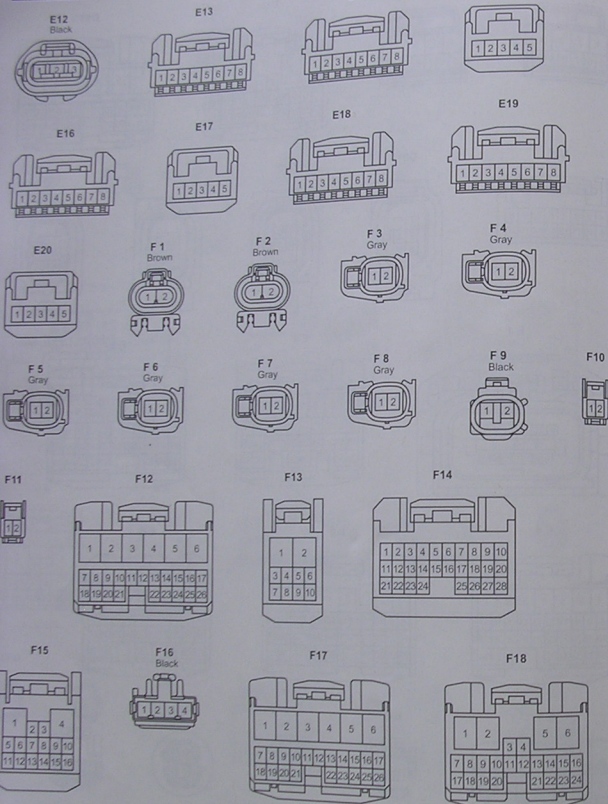


* 1 - w/ Navigation System
 * 2 - w/o Navigation System

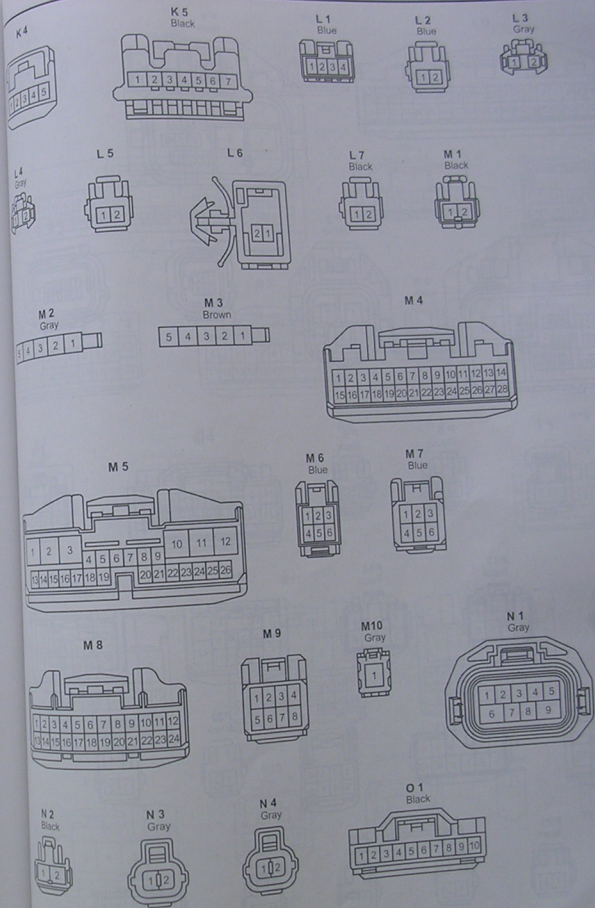
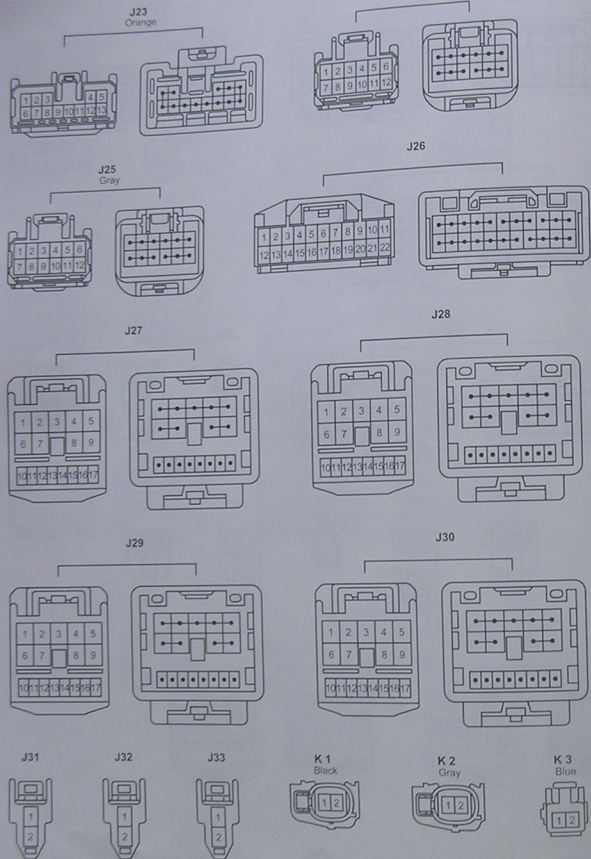
K 连接器表



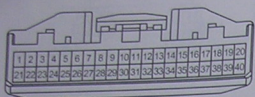
K 连接器表



K 连接器表

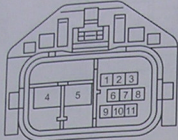


O 3



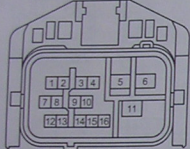
P 1

Black



P 2

Black



P 3

Gray



P 4

Gray



P 5

Gray



P 6



P 7



P 8

Black

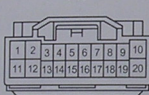


P 9

Black



P 10



P 11

Black



P 12

Black



P 13

Black

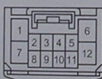


P 14

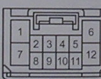
Black



P 15



P 16



P 17



P 18

Blue



P 19



P 20

Black



P 21

Black



P 22

Black



P 23

Black



P 24

Black



P 25

Black



P 26



P 27

Black

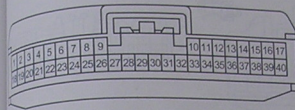


P 28

Black

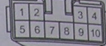


P 32



P 30

Black



P 31

Black



P 33

Black



R 1



R 2



R 3



R 4



R 5

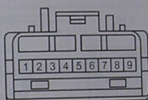


R 6

Black



R 7



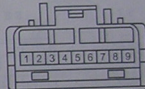
R 8



R 9



R 10



R 11



R 12



R 13



R 14



R 15



R 16



R 17

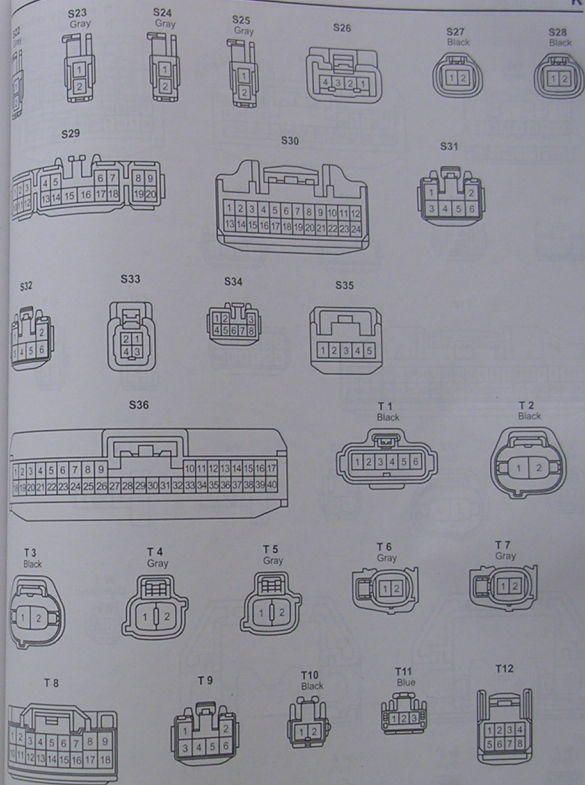
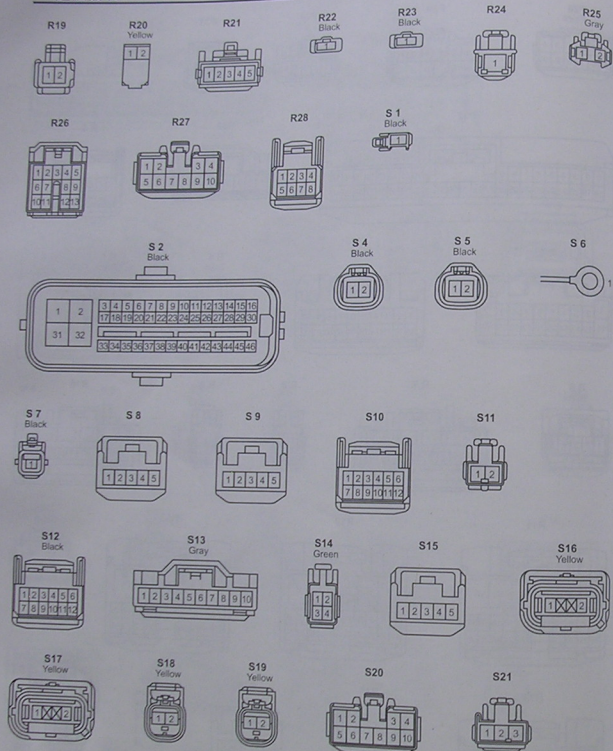
Yellow



R 18

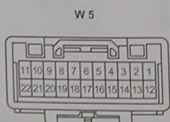
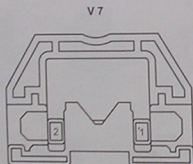
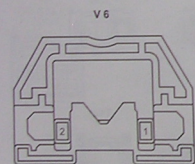
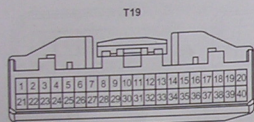
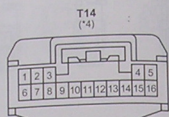
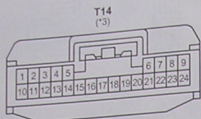
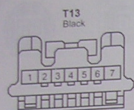


K 连接器表



K 连接器表

*3 : w/ Smart Entry System
 *4 : w/o Smart Entry System



L 连接器零件号

代码	零件名	零件号	代码	零件名	零件号
A1	空调压缩机	90980-11194	C5	示宽灯(左前)	90980-11156
A2	空调压力传感器	90980-10845	C6	示宽灯(右前)	90980-12058
A3	空气流量计	90980-11317	C7	冷却风扇 ECU	90980-12028
A4	空燃比传感器(1排,传感器1)	90980-10869	C8	曲轴位置传感器	90980-12028
A5	空燃比传感器(2排,传感器1)		C9	2号曲轴位置传感器(左侧排气)	
A6	空气流量计(左前)	90980-12490	C10	2号曲轴位置传感器(右侧排气)	90980-12353
A7	空气流量计(右前)		C11	2号曲轴位置传感器(右侧进气)	
A8	交流发电机	90980-11964	C12	3号曲轴位置传感器(左侧进气)	
A9	交流发电机	90980-09876	C13	点烟器	90980-10795
A10	环境温度传感器	90980-11070	C14	时钟(带导航系统)	90980-12113
A11	空调放大器(前)	90980-12557		时钟(不带导航系统)	90980-11013
A12	空调放大器(前)	90980-12264	C15	组合仪表	90980-12557
A13	空调车内温度传感器	90980-11950	C16	组合开关	90980-12113
A14	A/T 换挡杆照明	90980-11918	C17	组合开关	90980-12259
A15	油门位置传感器	90980-11918	C18	中央制动灯	90980-11159
A17	中央空气囊传感器总成	90980-12390	C19	中央制动灯	
A18	中央空气囊传感器总成	90980-12391	C20	门控灯(左前门)	
A19	中央空气囊传感器总成	90980-12392	C21	门控灯(右前门)	90980-11148
A20	空气囊引爆管(驾驶员侧膝盖空气囊)	90980-12452	C22	门控灯(左后门)	
A21	空气囊引爆管(前乘员空气囊总成)	90980-12219	C23	门控灯(右后门)	
A22	空气囊引爆管(前乘员空气囊总成)	90980-12224	C24	前式空气囊引爆管(左)	90980-12219
A23	空气囊引爆管(前乘员侧膝盖空气囊)	90980-12452	C25	后式空气囊引爆管(右)	
A24	空气囊引爆管(方向盘衬套)	90980-12160	D1	二极管	90980-10962
A25	天线放大器	90980-10871	D2	DLC3	90980-11665
A26	自动灯控系统	90980-12056	D3	驾驶员侧接线盒 ECU	90980-12150
A27	空调放大器(后)	90980-10848	D4	驾驶员侧接线盒 ECU	90980-12330
A29	空气囊传感器(左后)	90980-12241	D5	驾驶员侧接线盒 ECU	90980-12329
A30	空气囊传感器(右后)		D6	驾驶员侧接线盒 ECU	90980-12328
A31	烟灰缸照明(左后)	90980-12111	D7	阻尼器伺服电机(后空气混合)	90980-11989
A32	烟灰缸照明(右后)		D8	门控接收器	90980-12366
A33	空调放大器(前)	90980-12553	D9	门控灯开关(驾驶员侧)	
B1	蓄电池电流传感器	90980-12168	D10	门控灯开关(前乘员侧)	90980-10871
B2	蓄电池温度传感器	90980-11156	D11	门控灯开关(左后)	
B3	制动油面警告开关	90980-11207	D12	门控灯开关(右后)	
B4	鼓风机电机(前)	90980-11667	D13	门锁总成(驾驶员侧)	
B5	制动踏板负载传感器	90980-10860	D14	门锁总成(前乘员侧)	90980-12226
B6	鼓风机电机(后)	90980-10908	D15	门锁总成(行李箱)	90980-10908
B7	鼓风机电机(后)	90980-10216	D16	门锁总成(左后)	
C1	凸轮轴正时机油控制阀(左侧排气)		D17	门锁总成(右后)	90980-12226
			D18	驾驶员门 ECU	90980-12149
C2	凸轮轴正时机油控制阀(左侧进气)		D19	驾驶员门 ECU	90980-12150
			D20	驾驶员门 ECU	90980-12156
C3	凸轮轴正时机油控制阀(右侧排气)	90980-11162			
C4	凸轮轴正时机油控制阀(右侧进气)				

注:车辆并未完全提供上述所有的连接器零件号。

L

零件名	零件号	代码	零件名	零件号
车门外侧把手(左前)		F22	前座椅外安全带(左)	90980-12063
车门外侧把手(右前)	90980-12382	F23	前座椅外安全带(右)	90980-12253
车门外侧把手(左后)		F24	前座椅外安全带(右)	90980-12253
车门外侧把手(右后)		F25	加油口盖开启器电机	90980-11019
ECU电磁阀	90980-12293	F26	燃油量传感器	90980-11140
发动机 ECU	90980-12525	F27	吸油泵和计量器总成	90980-11077
发动机 ECU	90980-12529	F28	前座椅内安全带(驾驶员侧)	90980-12366
发动机 ECU	90980-12527	F29	前座椅内安全带(前乘员侧)	90980-11407
发动机 ECU	90980-12528	F30	前水壶除冰器	90980-11909
发动机 ECU	90980-12526	F31	前水壶除冰器开关	90980-11909
发动机 ECU	90980-12107	F32	足部照明灯(左后)	90980-11918
发动机 ECU	90980-11489	F33	足部照明灯(右后)	90980-11918
机油油位传感器	90980-11235	G1	网关 ECU	90980-12404
机油压力开关	90980-11363	G2	手套箱灯	90980-11918
ECT 模式选择开关	90980-11494	H1	前照灯(左远光)	90980-11659
电子钥匙天线(行李箱)	90980-11349	H2	前照灯(左近光)	90980-11003
电子钥匙振荡器(左前门)	90980-12217	H3	前照灯(右远光)	90980-11659
电子钥匙振荡器(右前门)	90980-12366	H4	前照灯(右近光)	90980-11003
电子钥匙振荡器(行李箱内侧)	90980-12366	H5	前照灯清洁剂控制继电器	90980-11194
电子钥匙振荡器(行李箱外侧)	90980-12217	H6	前照灯清洁剂电机	90980-11410
电子钥匙振荡器(后控制台)	90980-12366	H7	前照灯方向控制电机(左)	90980-11028
电子钥匙振荡器(左后门)	90980-12217	H8	前照灯方向控制电机(右)	
电子钥匙振荡器(右后门)	90980-12217	H9	喇叭(高音)	90980-10619
电子钥匙振荡器(后座椅)	90980-12366	H10	喇叭(低音)	90980-11986
雾灯(左前)	90980-11660	H11	前照灯清洁剂开关	90980-12422
雾灯(右前)		H12	前照灯方向控制 ECU	90980-12422
燃油嘴(1号)		H13	加热型氧传感器(1排,传感器2)	90980-11028
燃油嘴(2号)		H14	加热型氧传感器(2排,传感器2)	90980-12353
燃油嘴(3号)	90980-11875	H15	高度控制传感器	
燃油嘴(4号)		11	点火线圈(1号)	
燃油嘴(5号)		12	点火线圈(2号)	
燃油嘴(6号)		13	点火线圈(3号)	90980-11885
燃油泵电阻器	90980-11003	14	点火线圈(4号)	
足部照明灯(左)	90980-11918	15	点火线圈(5号)	
足部照明灯(右)		16	点火线圈(6号)	90980-11615
前乘员侧接线盒 ECU	90980-12150	17	点火开关	90980-11909
前乘员侧接线盒 ECU	90980-12328	18	仪表板调节器总成	90980-12368
前乘员侧接线盒 ECU	90980-12330	19	集成控制面总成	
前乘员侧接线盒 ECU	90980-12329	10	离子发生器	90980-11661
前乘员侧接线盒 ECU	90980-11090	11	连接接头	
前乘员侧接线盒 ECU	90980-12150	12	连接接头	90980-11542
前乘员门 ECU	90980-12149	13	连接接头	90980-10803
前乘员门 ECU	90980-12156	14	连接接头	
前座椅内安全带(驾驶员侧)	90980-10942	15	连接接头	90980-11915
前座椅内安全带(左)	90980-12253	16	连接接头	

L 连接器零件号

代码	零件名	零件号	代码	零件名	零件号
J 7	连接线接头	90980-11194	M 9	复式显示器	90980-12113
J 8	连接线接头	90980-11915	M10	复式显示器	90980-12043
J 9	连接线接头	90980-10871	N 1	空档制动开关	90980-11784
J10	连接线接头	90980-12355	N 2	静噪滤波器(中央制动灯)	90980-10916
J11	连接线接头		N 3	静噪滤波器(点火1排)	90980-10843
J12	连接线接头		N 4	静噪滤波器(点火2排)	90980-12162
J13	连接线接头		O 1	后视镜开关	90980-12557
J14	连接线接头		O 3	顶置线盒	90980-12483
J15	连接线接头		P 1	动力转向 ECU	90980-12518
J16	连接线接头	90980-10871	P 2	动力转向 ECU	90980-12496
J17	连接线接头	90980-12355	P 3	动力转向电机	90980-12495
J18	连接线接头	90980-11661	P 4	动力转向电机	90980-12520
J21	连接线接头	90980-11714	P 5	动力转向扭矩传感器	90980-10871
J22	连接线接头	90980-11661	P 6	驻车制动开关	90980-12498
J23	连接线接头	90980-11915	P 7	电源插座(前)	
J26	连接线接头	90980-12374	P 8	电动座椅电机(左后座椅倾斜控制)	90980-10825
J27	连接线接头		P 9	电动座椅电机(右后座椅倾斜控制)	90980-12166
J28	连接线接头		P10	电动窗总开关	
J29	连接线接头		P11	电动窗升降调节器电机(驾驶员侧)	90980-10797
J30	连接线接头		P12	电动窗升降调节器电机(前乘员侧)	
J31	连接线接头		P13	电动窗升降调节器电机(左后)	90980-12522
J32	连接线接头	90980-12355	P14	电动窗升降调节器电机(右后)	
J33	连接线接头		P15	电动窗开关(前乘员侧)	
K 1	碰撞控制传感器(1排)	90980-11875	P16	电动窗开关(左后)	90980-10825
K 2	碰撞控制传感器(2排)	90980-12366	P17	电动窗开关(右后)	90980-10801
K 3	钥匙取消开关	90980-12092	P18	位置控制 ECU 和开关	90980-12221
K 4	钥匙孔	90980-11950	P19	位置控制 ECU 和开关	
K 5	钥匙孔	90980-10825	P20	电动座椅电机(驾驶员座椅前垂直控制)	
L 1	灯控变频器	90980-11148	P21	电动座椅电机(驾驶员座椅后垂直控制)	
L 2	行李箱门开启器取消开关	90980-10825	P22	电动座椅电机(驾驶员座椅倾斜控制)	90980-10825
L 3	牌照灯(左)		P23	电动座椅电机(驾驶员座椅滑动控制)	
L 4	牌照灯(右)		P24	电动座椅电机(前乘员座椅倾斜控制)	
L 5	行李箱门锁芯	90980-11967	P25	电动座椅电机(前乘员座椅滑动控制)	
L 6	行李箱门锁	90980-10825	P26	电动座椅电机(腰部支撑)	
L 7	行李箱门锁开启器开关(左前门)	90980-10860	P27	电动座椅开关(驾驶员座椅)	90980-10997
M 1	电磁阀(后)		P28	电动座椅开关(前乘员座椅)	
M 2	地图灯(左)		P29	电动座椅开关(前乘员座椅)	90980-10801
M 3	地图灯(右)		P30	电动座椅开关(前乘员座椅)	90980-10789
M 4	复式显示器	90980-12555	P31	电动座椅开关(腰部支撑)	90980-10859
M 5	复式显示器	90980-12444			
M 6	复式显示器	90980-12012			
M 7	复式显示器	90980-12209			
M 8	复式显示器	90980-12200			

注:上表没有提供全部连接器的零件号。

零件名	零件号	代码	零件名	零件号
电源控制 ECU	90980-12388	S18	侧空气囊引爆管(左)	90980-11864
电源开关	90980-11989	S19	侧空气囊引爆管(右)	90980-10801
收音机总成	90980-12552	S20	滑动天窗控制 ECU	90980-10908
收音机总成	90980-12038	S21	烟雾传感器	90980-10908
收音机总成	90980-12259	S22	扬声器(左前门)	
后电动座椅开关(回位控制)	90980-11013	S23	扬声器(右前门)	90980-10935
后遮阳帘开关	90980-10908	S24	扬声器(右后门)	
后视镜伸缩器开关	90980-11909	S25	扬声器(右后门)	90980-11012
后组合灯(左)	90980-10795	S26	扬声器(低音喇叭)	90980-11900
后组合灯(右)	90980-12517	S27	速度传感器(左后)	90980-10821
后组合灯(右)	90980-12150	S28	速度传感器(右后)	90980-10821
左后门 ECU	90980-12149	S29	立体声功放组件	90980-12554
右后门 ECU	90980-12150	S30	立体声功放组件	90980-10797
后座椅内安全带(左)	90980-12366	S31	座椅加热器(左前)	90980-10794
后座椅内安全带(右)	90980-11862	S32	座椅加热器(右前)	90980-10799
后座椅外安全带(左)	90980-11369	S33	座椅加热器(后)	90980-12366
后座椅外安全带(右)	90980-11862	S34	转向锁止 ECU	90980-12366
后座椅外安全带(左)	90980-11862	S35	智能钥匙控制接收器	90980-12388
后座椅外安全带(右)	90980-10789	S36	智能钥匙 ECU	90980-11858
后座椅外安全带(左)	90980-11862	T 1	节气门体总成	90980-11156
后座椅外安全带(右)	90980-10789	T 2	变速器转速传感器(齿轮)	90980-11019
后座椅外安全带(左)	90980-10914	T 3	变速器转速传感器(涡轮)	
后座椅外安全带(右)	90980-11448	T 4	转向信号灯(左前)	90980-11875
后座椅外安全带(左)	90980-11952	T 5	转向信号灯(右前)	
后座椅外安全带(右)	90980-10801	T 6	转向信号灯(左前侧)	90980-11973
后座椅外安全带(左)	90980-12551	T 7	转向信号灯(右前侧)	90980-10797
后座椅外安全带(右)	90980-10619	T 8	倾斜电机	90980-10906
后座椅外安全带(左)	90980-12297	T 9	倾角传感器	90980-11471
后座椅外安全带(右)	90980-11900	T10	轮胎压力警告开关	90980-12551
后座椅外安全带(左)	90980-09967	T11	变速器控制开关	90980-12092
后座椅外安全带(右)	90980-11400	T12	变速器控制开关	
后座椅外安全带(左)	90980-11400	T13	收发器钥匙放大器	90980-12404
后座椅外安全带(右)	90980-12366	T14	收发器钥匙 ECU(带智能进入系统)	90980-12423
后座椅外安全带(左)	90980-12552	T15	收发器钥匙 ECU(不带智能进入系统)	90980-11950
后座椅外安全带(右)	90980-10860	T16	计程器开关	90980-10799
后座椅外安全带(左)	90980-12552	T17	转向信号闪光灯	90980-11013
后座椅外安全带(右)	90980-12162	T18	高音喇叭(左前)	90980-12557
后座椅外安全带(左)	90980-10795	T19	高音喇叭(右前)	90980-10997
后座椅外安全带(右)	90980-12366	T20	电视摄像头控制器	90980-12211
后座椅外安全带(左)	90980-12241	T21	电视摄像头(后)	90980-10795
后座椅外安全带(右)	90980-12241	T22	电视摄像头(后)	90980-11162
后座椅外安全带(左)	90980-12241	U 1	未锁警告开关	90980-11156
后座椅外安全带(右)	90980-12241	V 1	VSV (ACIS)	
后座椅外安全带(左)	90980-12241	V 2	VSV (EVAP)	
后座椅外安全带(右)	90980-12241			

以下图所示的互锁区域为参考示意图，不同于电路图一中的实际电路。

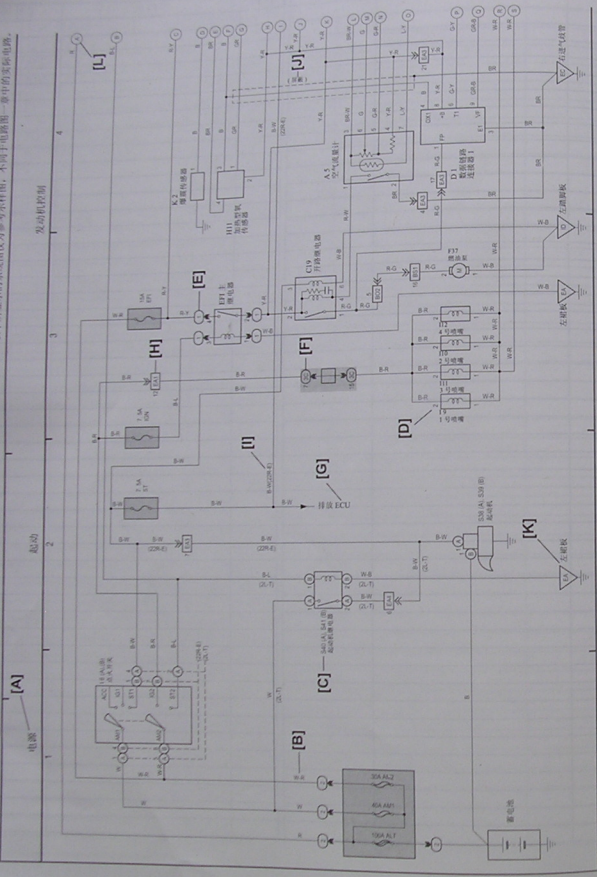


图 1-1 继电器电路

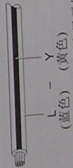
[B]：表示配线颜色。

配线颜色由字母表示。

- B = 黑色
- L = 蓝色
- R = 红色
- P = 粉色
- O = 橙红
- W = 白色
- V = 紫色
- G = 绿色
- P = 粉色
- O = 橙红
- BR = 棕色
- SB = 天蓝色
- LG = 浅绿色
- GR = 灰色

第一个字母表示基本配线颜色，第二个表示条纹的颜色。

例：L-Y



[C]：零件位置与电路图和配线图中显示的一致。

[D]：表示连接器引脚。

插头插座连接器编号系统互不相同。

例：从左上到右下编号 从右上到左下编号



插座



插头

总电路图的编号系统与上面相同。

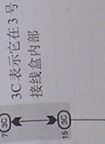
[E]：表示继电器盒，用无阴影表示且只给出继电器盒号以区别继电器。

例：□ 表示 1 号继电器盒

图 1-2 继电器电路

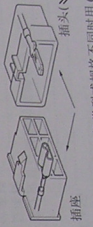
按电路用阴影标出，将它和其它零件区分开来。

例：



[G]：表示相关系统。

[H]：表示线束和线束连接器，带插头端子的线束以箭头(↗)表示，外侧数字为引脚数。



[I]：车辆型号、发动机类型或规格不同时用()表示不同的配线连接器。

[J]：表示屏蔽电缆。



[K]：表示并显示接地点。

[L]：出现在页下页中的相同代码显示线束连接。

系统	位置	系统	位置
空调 (前)	26-5	<ul style="list-style-type: none"> • 电动倾斜和伸缩 • 电动窗 • 后雾灯 • 后遮阳帘 • 遥控后视镜 • 智能进入和起动系统 <ul style="list-style-type: none"> - 发动机停机 - 按钮启动 - 转向锁止 - 无线门锁 • 制动灯 • 尾灯 • 防盗 • 无线门锁控制 (带智能进入和起动系统) 	
空调 (后)	27-2	多路通信系统 (CAN)	1-6
音响系统	24-3	导航系统	23-3
蜂窝式移动电话	23-3	电源插座	19-4
充电	3-3	电动座椅 (不带驾驶位置存储器的驾驶员座椅)	14-2
点烟器	19-3	电动座椅 (前乘员座椅)	14-3
时钟	20-3	电动座椅 (后乘员座椅)	15-2
组合仪表	25-3	电源	1-27-1
冷却风扇	22-2	后窗除雾器	22-3
巡航控制	6-5	座椅安全带警告	11-7
ECT 和 A/T 指示器	6-7	座椅加热器 (前)	16-3
电子张紧力调节器	18-3	座椅加热器 (后)	17-3
发动机控制	5-3	换挡锁止	17-2
发动机停机系统 (不带智能进入和起动系统)	5-24	滑动天窗	13-2
EPS	12-4	SRS	11-2
前窗除冰器	21-3	起动 (不带智能进入和起动系统)	3-2
加油口盖开启器	25-8	轮胎压力警告系统	10-5
前照灯方向控制	9-3	丰田驻车辅助 (倒车导航监视器)	23-3
前照灯清洁器	8-2	TRC	10-5
点火	4-2	转向信号和应急警告灯	7-2
多路通信系统 (AVC-LAN)	1-3	VSC	10-5
多路通信系统 (BEAN)	2-15		
<ul style="list-style-type: none"> • 自动灯控 • 倒车灯 • 门锁控制 • 前雾灯 • 前刮水器和洗涤剂 • 前照灯 • 喇叭 • 照明 • 车内灯 • 钥匙提醒器 • 灯自动关闭系统 • 行李箱门开启器 • 后视镜加热器 • 电动座椅 (带驾驶位置存储器的驾驶员座椅) 			

(Cont. next page)

Multiplex Communication System (BEAN)

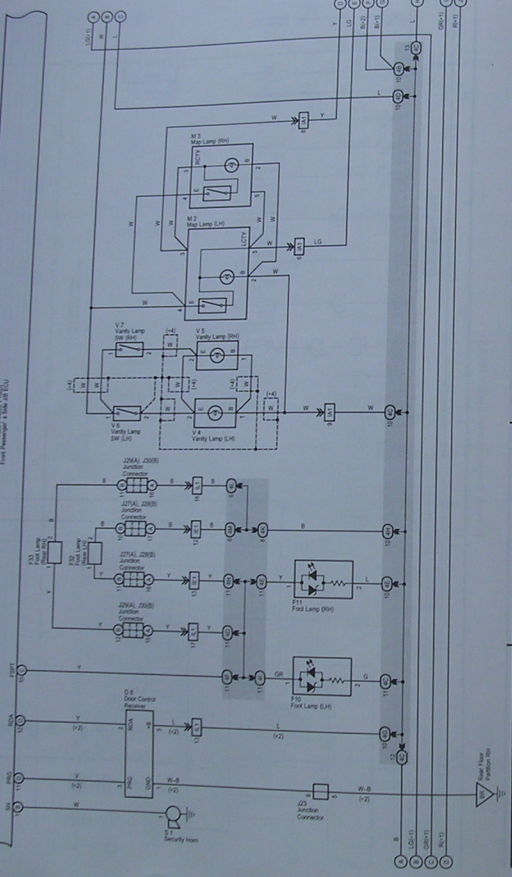
- 1.1 40 Pin Power & Fuel System
- 1.2 40 Pin Fuel System
- 1.3 40 Pin Fuel System
- 1.4 40 Pin Fuel System

26

27

28

FOR WALKER P150, P150U, P150V



Z CROWN (Cont. of)

(Cont. from page 53)

Multiplex Communication System (BEAN)

- 1.1 40 Pin Power & Fuel System
- 1.2 40 Pin Fuel System
- 1.3 40 Pin Fuel System
- 1.4 40 Pin Fuel System

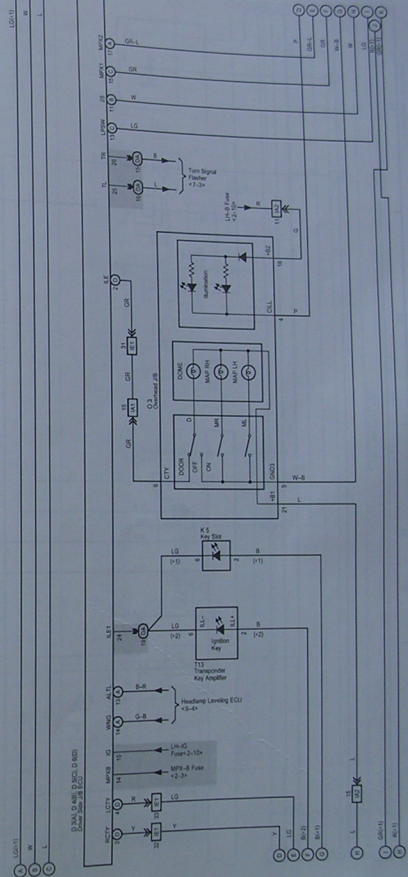
29

30

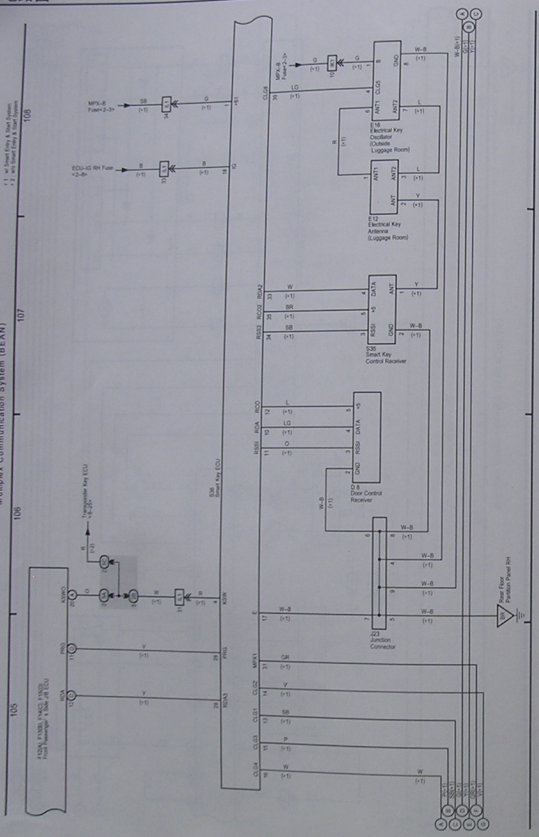
31

32

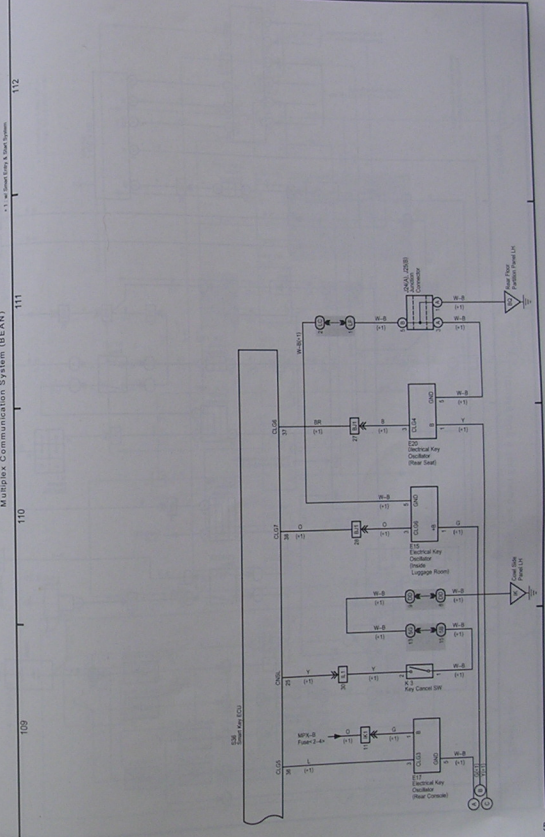
FOR WALKER P150, P150U, P150V

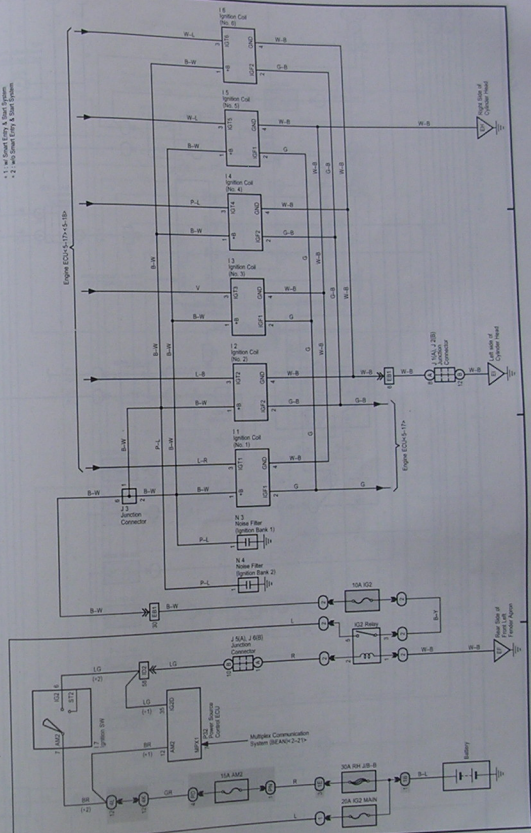
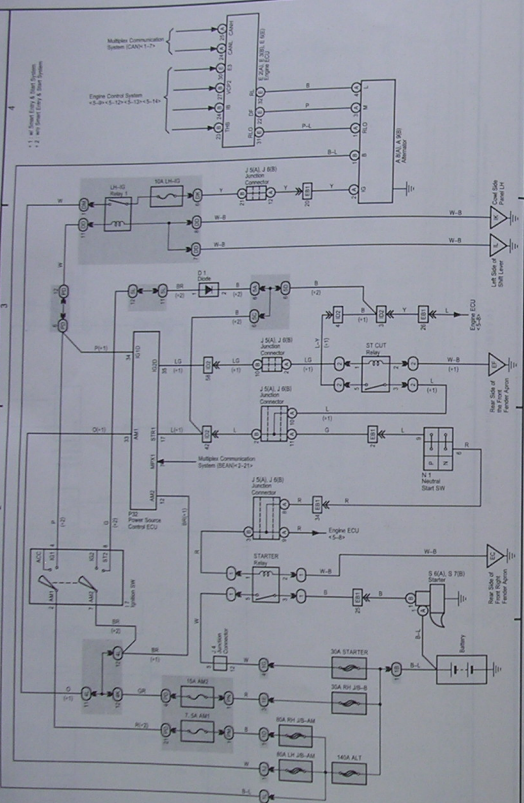


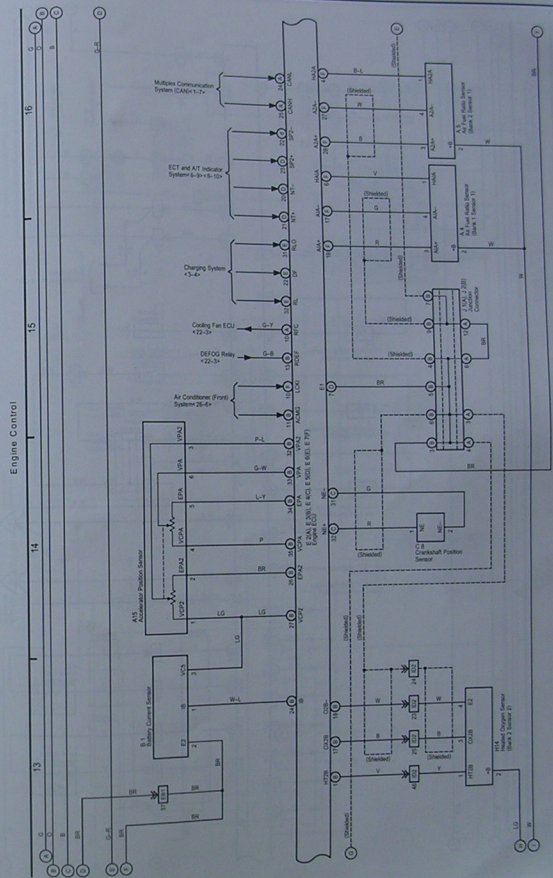
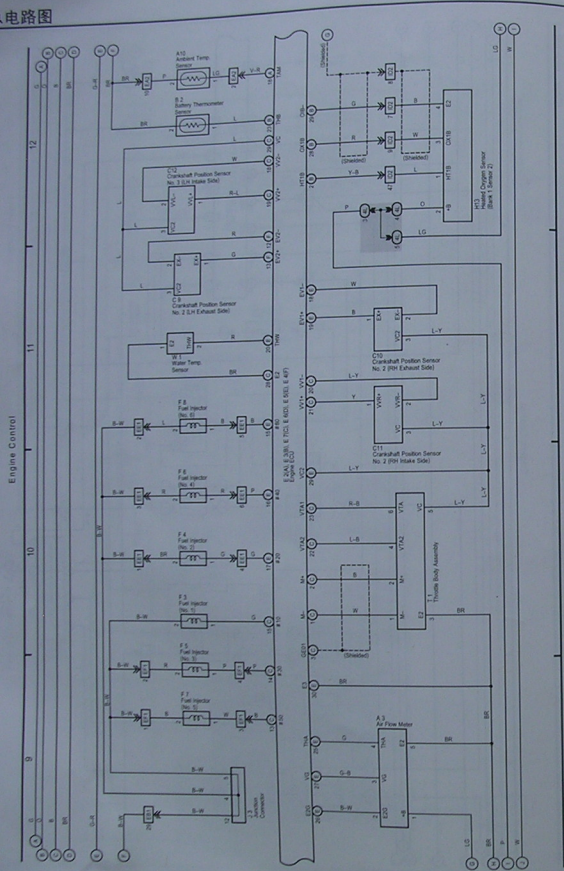
Multiplex Communication System (BEAN)



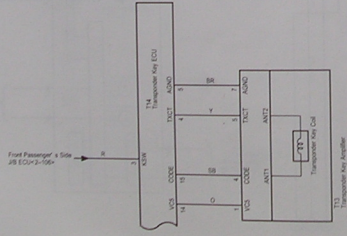
Multiplex Communication System (BEAN)







Engine Immobilizer System (w/o Smart Entry & Start System)



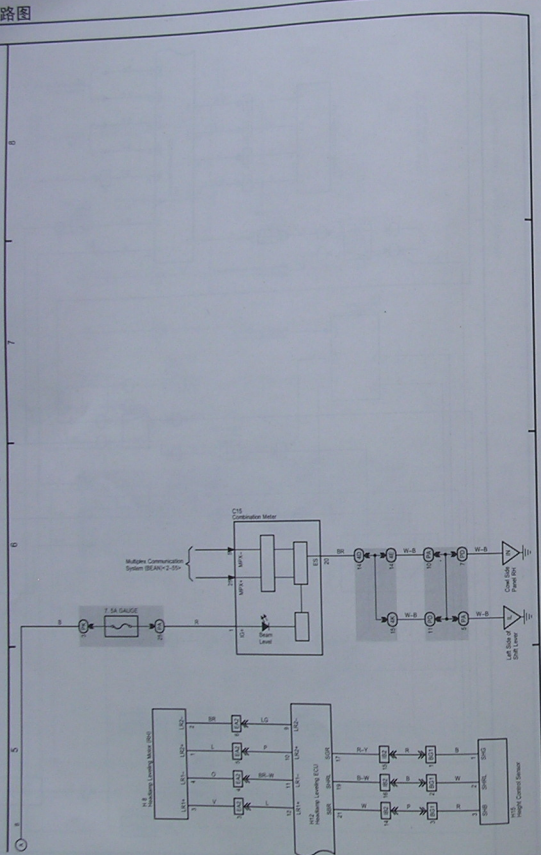
26

27

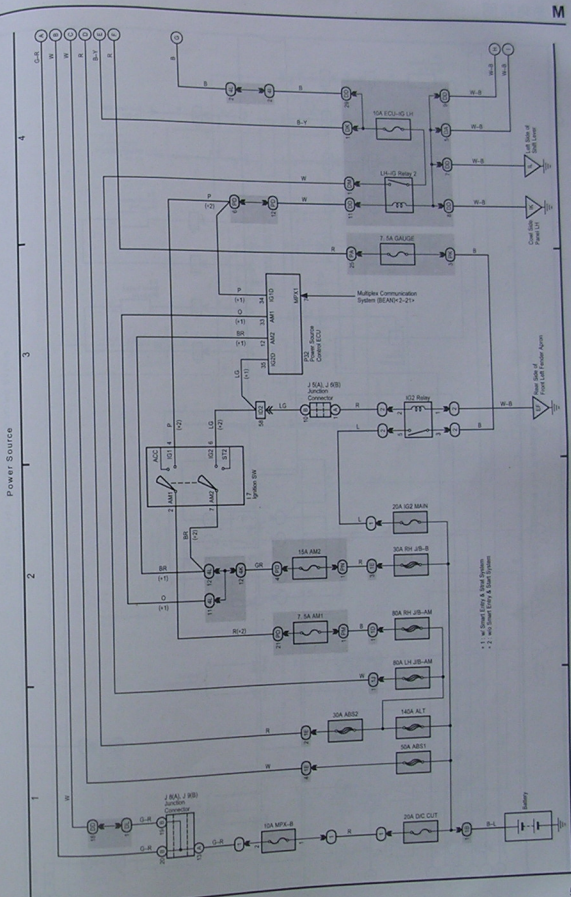
28

29

Headlight Beam Level Control



(Cont. next page)



Power Source

SRS

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

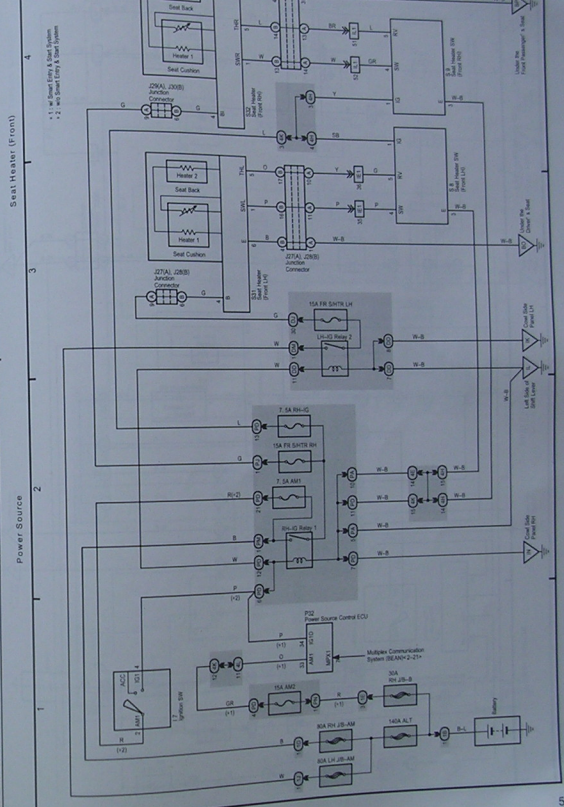
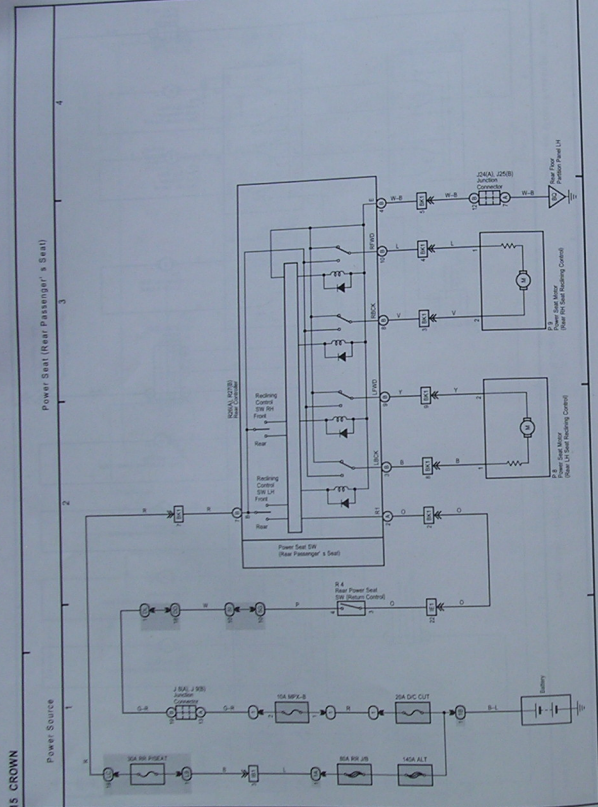
395

396

397

398

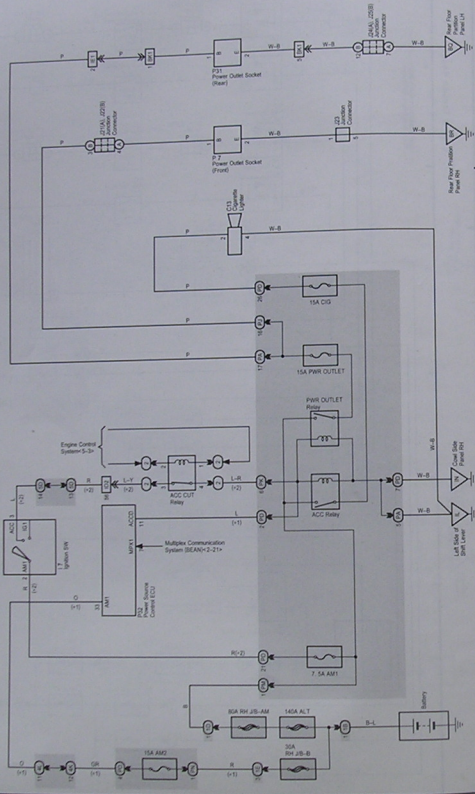
399



Cigarette Lighter

Power Outlet

1. 40 Amp Relay & Fuse System



Power Source

Clock

1. 40 Amp Relay System
2. 40 Amp Relay & Fuse System
3. 40 Amp Relay & Fuse System
4. 40 Amp Relay & Fuse System

