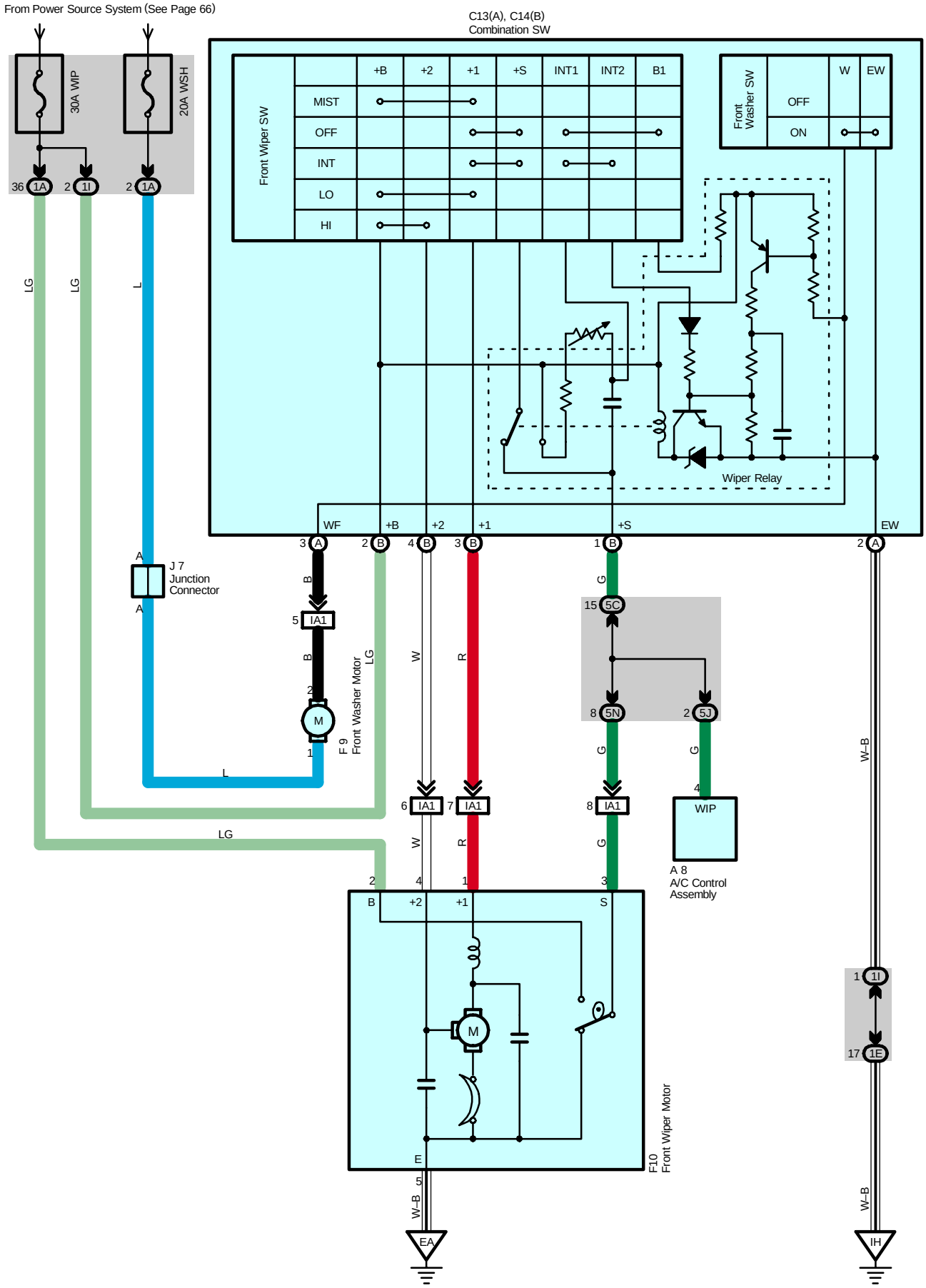
From Power Source System (See Page 66)
C13(A), C14(B)
Combination SW
30A WIP
20A WSH
Front Wiper SW
MIST
OFF
INT
LO
HI
+B
+2
+1
+S
INT1
INT2
B1
Front Washer SW
W
EW
ON
Wiper Relay
WF
EW
J 7
Junction Connector
F 9
Front Washer Motor
F10
Front Wiper Motor
A 8
A/C Control Assembly
WIP
LG
L
W
R
G
W–B
E
EA
IH

## System Outline

With the power SW pushed to IG ON position, the current flows to TERMINAL (B) 2 of the wiper and washer SW, and TERMINAL 2 of the front wiper motor through the WIP fuse.

**1. Low Speed Position**

With the wiper and washer SW turned to LO position, the current flows from TERMINAL (B) 2 of the wiper and washer SW to TERMINAL (B) 3 to TERMINAL 5 of the front wiper motor to TERMINAL 4 to GROUND, which runs the front wiper motor at low speed.

**2. High Speed Position**

With the wiper and washer SW turned to HI position, the current flows from TERMINAL (B) 2 of the wiper and washer SW to TERMINAL (B) 4 to TERMINAL 3 of the front wiper motor to TERMINAL 4 to GROUND, which runs the front wiper motor at high speed.

**3. INT Position**

With the wiper and washer SW turned to INT position, the wiper relay operates and current flows from TERMINAL (B) 2 of the wiper and washer SW to TERMINAL (A) 2 to GROUND. This activates the intermittent circuit and the current flows from TERMINAL (B) 2 of the wiper and washer SW to TERMINAL (B) 3 to TERMINAL 5 of the front wiper motor to TERMINAL 4 to GROUND and then the wiper operates. Intermittent operation is controlled by a condenser's charge and discharge function in the relay.

**4. Washer Interlocking Operation**

With the wiper and washer SW pulled to washer position (Washer SW ON position), the current flows from the WSH fuse to TERMINAL 1 of the front washer motor to TERMINAL 2 to TERMINAL (A) 3 of the wiper and washer SW to TERMINAL (A) 2 to GROUND and runs the washer motor and the window washer to spray. Simultaneously, current flows from the WIP fuse to TERMINAL (B) 2 of the wiper and washer SW to TERMINAL (B) 3 to TERMINAL 5 of the front wiper motor to TERMINAL 4 to GROUND, which activates the wiper.

## Service Hints

**C13 (A), C14 (B) Combination SW**

(A) 2–Ground : Always continuity
(B) 2–Ground : Approx. 12 volts with the power SW at IG ON position
(B) 3–Ground : Approx. 12 volts with the power SW at IG ON position and the wiper and washer SW at LO position
Approx. 12 volts every 1 to 10 seconds intermittently with the power SW at IG ON position and the wiper and washer SW at INT position
(B) 1–Ground : Approx. 12 volts with the power SW at IG ON position and unless the front wiper motor at STOP position
(B) 4–Ground : Approx. 12 volts with the power SW at IG ON position and the wiper and washer SW at HI position

**F10 Front Wiper Motor**

2–1 : Closed unless the front wiper motor at STOP position

**: Parts Location**

| Code | See Page | Code | See Page | Code | See Page |
|---|---|---|---|---|---|
| A8 | 46 | C14 B | 47 | F10 | 44 |
| C13 A | 47 | F9 | 44 | J7 | 48 |

**: Junction Block and Wire Harness Connector**

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|---|---|---|
| 1A | 28 | Engine Room Main Wire and Driver Side J/B (Lower Finish Panel) |
| 1E | 28 | Instrument Panel Wire and Driver Side J/B (Lower Finish Panel) |
| 1I | | |
| 5C | 40 | Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH) |
| 5J | | |
| 5N | | |

**: Connector Joining Wire Harness and Wire Harness**

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|---|---|---|
| IA1 | 56 | Engine Room Main Wire and Instrument Panel Wire (Upper Parts of Front Body Pillar LH) |

▽ : **Ground Points**

| Code | See Page | Ground Points Location |
|---|---|---|
| EA | 54 | Right Side of the Fender Apron |
| IH | 56 | Cowl Side Panel LH |