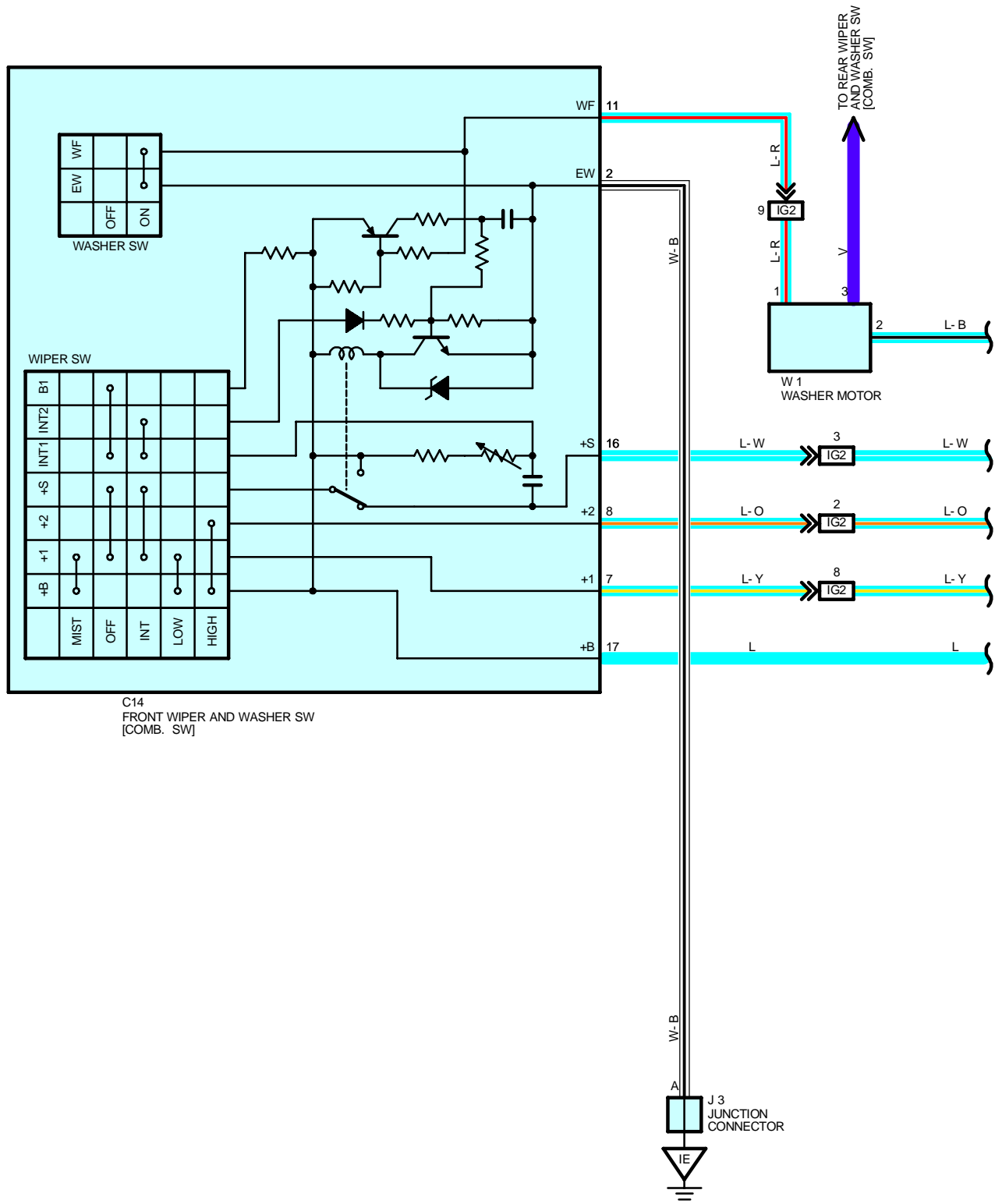


FRONT WIPER AND WASHER



FRONT WIPER AND WASHER

SYSTEM OUTLINE

With the ignition SW turned on, current flows to TERMINAL 17 of the front wiper and washer SW, TERMINAL 2 of the wiper motor through the WIPER fuse and TERMINAL 2 of the washer motor through the WSH fuse.

1. LOW SPEED POSITION

With the wiper SW turned to LOW position, current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 5 of the front wiper motor to wiper motor to TERMINAL 4 to GROUND, causing the front wiper motor to run at low speed.

2. HIGH SPEED POSITION

With the wiper SW turned to HIGH position, current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 8 to TERMINAL 3 of the front wiper motor to wiper motor to TERMINAL 4 to GROUND, causing the front wiper motor to run at high speed.

3. INT POSITION

With the wiper SW turned to INT position, the relay operates and the current which is connected by relay function flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 2 to GROUND. This operates the intermittent circuit and current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 5 of the front wiper motor to wiper motor to TERMINAL 4 to GROUND, and operating the wiper.

The intermittent operation is controlled by a condenser's charged and discharged function installed in the relay, and the intermittent time is controlled by a time control SW to change the charging time of the condenser.

4. MIST POSITION

With the wiper SW turned to MIST position, current flows from TERMINAL 17 of the front wiper and washer SW to front wiper mist SW to TERMINAL 2 to GROUND, and current flows from TERMINAL 17 to TERMINAL 7 to TERMINAL 5 of the wiper motor to wiper motor to TERMINAL 4 to GROUND, causing the front wiper motor to run at low speed.

5. WASHER CONTINUITY OPERATION

With the washer SW pushed to on, current flows from TERMINAL 2 of the washer motor to TERMINAL 1 to TERMINAL 11 of the front wiper and washer SW to TERMINAL 2 to GROUND, causing the washer motor to run, and the window washer emits a water spray. This causes current to flow to washer continuity operation circuit in TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 5 of the front wiper motor to wiper motor to TERMINAL 4 to GROUND, operating the wiper.

SERVICE HINTS

C14 FRONT WIPER AND WASHER SW [COMB. SW]

2-GROUND : Always continuity

17-GROUND : Approx. 12 volts with the ignition SW at **ON** position

7-GROUND : Approx. 12 volts with the wiper and washer SW at **LOW** or **MIST** position

Approx. 12 volts 2 to 12 seconds intermittently with the wiper and washer SW at **INT** position

16-GROUND : Approx. 12 volts with the ignition SW on unless the wiper motor at **STOP** position

8-GROUND : Approx. 12 volts with the wiper and washer SW at **HIGH** position

F11 FRONT WIPER MOTOR

1-2 : Closed unless the wiper motor at **STOP** position



: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C14	36	F11	34 (2ZZ-GE)	W1	33 (1ZZ-FE)
F11	32 (1ZZ-FE)	J3	37		35 (2ZZ-GE)



: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IE	25	Instrument Panel Wire and Instrument Panel J/B (Instrument Panel Brace RH)
II		



: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IG2	46	Engine Room No.2 Wire and Instrument Panel Wire (Right Kick Panel)



: GROUND POINTS

Code	See Page	Ground Points Location
IE	44	Cowl Side Panel LH
IG	44	Cowl Side Panel RH