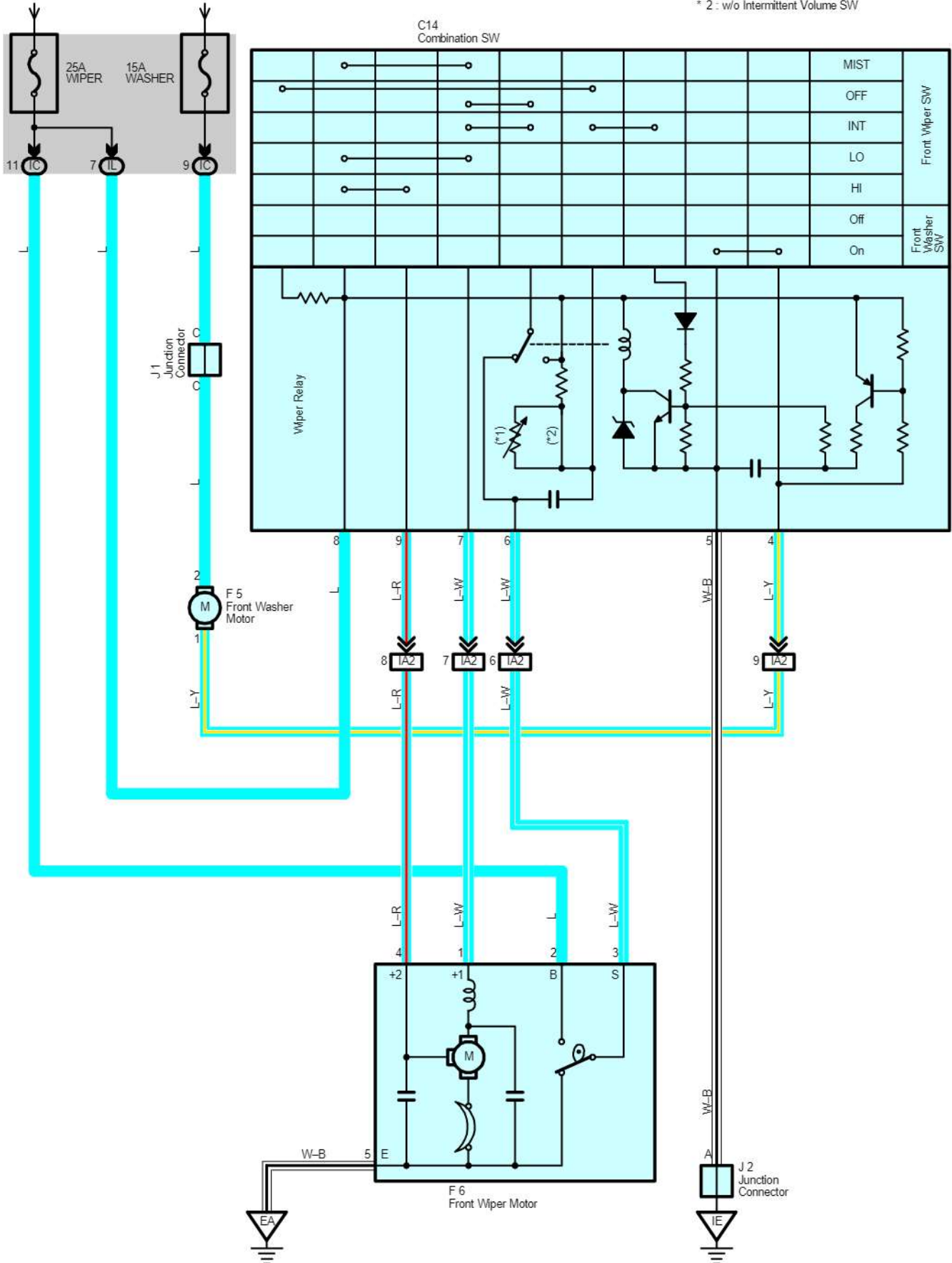


Front Wiper and Washer

From Power Source System (See Page 54)

* 1 : w/ Intermittent Volume SW
* 2 : w/o Intermittent Volume SW



System Outline

With the ignition SW turned on, the current flows to TERMINAL 8 of the front wiper and washer SW, TERMINAL 2 of the front wiper motor through the WIPER fuse, and the current flows to TERMINAL 2 of the washer motor through the WASHER fuse.

1. Low Speed Position

With the front wiper SW turned to LO position, the current flows from TERMINAL 8 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and causes to the front wiper motor to run at low speed.

2. High Speed Position

With the front wiper SW turned to HI position, the current flows from TERMINAL 8 of the front wiper and washer SW to TERMINAL 9 to TERMINAL 4 of the front wiper motor to TERMINAL 5 to GROUND and causes to the wiper motor to run at high speed.

3. INT Position

With the front wiper SW turned to INT position, the wiper relay operates and the current which is connected by relay function flows from TERMINAL 8 of the front wiper and washer SW to TERMINAL 5 to GROUND. This flow of current operates the intermittent circuit and the current flows from TERMINAL 8 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and the functions.

The intermittent operation is controlled by the charge/discharge function of the condenser installed in the relay, and the intermittent time is controlled by a time control SW (w/ intermittent volume SW) to change the charging time of the condenser.

4. MIST Position

With the front wiper SW turned to MIST position, the current flows from TERMINAL 8 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and causes to the front wiper motor to run at low speed.

5. Washer Continuous Operation

With the front washer SW turned to on, the current flows from TERMINAL 2 of the front washer motor to TERMINAL 1 to TERMINAL 4 of the front wiper and washer SW to TERMINAL 5 to GROUND and causes to the washer motor to run, and the window washer jet operates. This causes the current to flow to washer continuous operation circuit in TERMINAL 8 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and the washer operates continuously.

Service Hints

C14 Combination SW

5-Ground : Always continuity

8-Ground : Approx. 12 volts with ignition SW at On position

7-Ground : Approx. 12 volts with front wiper and washer SW at LO position

: Approx. 12 volts with front wiper and washer SW at MIST position

: Approx. 12 volts every approx. 1 to 10 seconds intermittently with front wiper and washer SW at INT position

6-Ground : Approx. 12 volts with ignition SW on unless front wiper motor at STOP position

9-Ground : Approx. 12 volts with ignition SW on and front wiper and washer SW at HI position

F6 Front Wiper Motor

2-3 : Closed unless front wiper motor at STOP position

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C14	38	F6	34 (2ZZ-GE)	J1	37 (1ZZ-FE)
F5	34 (2ZZ-GE)		36 (1ZZ-FE)	J2	39
	36 (1ZZ-FE)	J1	35 (2ZZ-GE)		

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	25	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IL	24	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)

Front Wiper and Washer

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	46	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Reinforcement LH)

: Ground Points

Code	See Page	Ground Points Location
EA	42 (2ZZ-GE)	Front Right Fender
	44 (1ZZ-FE)	
IE	46	Behind Combination Meter