

System Outline

When the ignition SW is on, the current is sent from WIPER 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 LO position, the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +1, and from wiper motor TERMINAL +1 to TERMINAL EW, 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 HI position, the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +2, and from wiper motor TERMINAL +2 to TERMINAL EW, 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 and the current is sent from front wiper and washer SW TERMINAL +B to TERMINAL +1, and from front wiper motor TERMINAL +1 to TERMINAL EW, 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 EW, 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 WIPER fuse, front wiper and washer SW TERMINAL +B to TERMINAL +1, and from front wiper motor TERMINAL +1 to TERMINAL EW, GROUND to operate the wiper at a low speed.

Service Hints

C10 Combination SW

- 2-Ground : Always continuity
- 17-Ground : Approx. 12 volts with the ignition SW at **ON** position
- 7-Ground : Approx. 12 volts with the front wiper and washer at **LO** position
: Approx. 12 volts 1.5 to 10.7 seconds intermittently with the front wiper and washer SW at **INT** position
- 16-Ground : Approx. 12 volts with the ignition SW on unless the front wiper motor at **STOP** position
- 8-Ground : Approx. 12 volts with the front wiper and washer SW at **HI** position

F10 Front Wiper Motor

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

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C10	36 (LHD)	F10	34 (LHD 1CD-FTV)	J23	A 38 (LHD)
F9	32 (LHD 1AZ-FE)	J3	38 (LHD)	J24	B 38 (LHD)
	34 (LHD 1CD-FTV)	J9	38 (LHD)		
F10	32 (LHD 1AZ-FE)	J15	38 (LHD)		

○ : Junction Block and Wire Harness Connector

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

▽ : Ground Points

Code	See Page	Ground Points Location
EB	52 (LHD 1AZ-FE)	Right Radiator Side Support
	54 (LHD 1CD-FTV)	
IA	56 (LHD)	Left Kick Panel