

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

- (A) 2, (B) 8—Ground : Always continuity
- (A) 17, (B) 11—Ground : Approx. **12** volts with the ignition SW at **ON** position
- (A) 7, (B) 2—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
- (A) 16, (B) 12—Ground : Approx. **12** volts with the ignition SW on unless the front wiper motor at **STOP** position
- (A) 8, (B) 2—Ground : Approx. **12** volts with the front wiper and washer SW at **HI** position

F10 Front Wiper Motor

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

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C10	B	46 (RHD)	F10	42 (RHD 1AZ—FE)	J15
	A	46 (RHD)	F10	44 (RHD 1CD—FTV)	J23
F9	42 (RHD 1AZ—FE)	J3	48 (RHD)	J24	A
F9	44 (RHD 1CD—FTV)	J9	48 (RHD)		B

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IA	24 (RHD)	Instrument Panel J/B and Instrument Panel Wire (Left Side of Grove Box)
IL	25 (RHD)	Instrument Panel J/B and Engine Room Main Wire (Left Side of Grove Box)
3F	28 (RHD)	Center J/B and Instrument Panel Wire (Lower Finish Panel)

Front Wiper and Washer (RHD)



: Ground Points

Code	See Page	Ground Points Location
EB	62 (RHD 1AZ-FE)	Right Radiator Side Support
	64 (RHD 1CD-FTV)	
IC	66 (RHD)	Right Kick Panel

