

## System Outline

When the engine start/stop SW pushed to IG ON position, the current flows to TERMINAL 2 of the rear washer motor and TERMINAL 1 of the rear wiper motor assembly through the RR WIP fuse.

### 1. Rear Wiper Normal Operation

With the engine start/stop SW pushed to IG ON position and rear wiper and washer SW turned on, current to TERMINAL 1 of the rear wiper motor assembly flows to TERMINAL 3 of the rear wiper motor assembly to TERMINAL 10 of the rear wiper and washer SW to TERMINAL 2 to GROUND. Thus, the relay coil is activated and current to the rear wiper motor to motor to GROUND, causing the motor to operate the wiper.

### 2. Rear Wiper Intermittent Operation

When the engine start/stop SW pushed to IG ON position and the rear wiper and washer SW is turned to INT position, current to TERMINAL 1 of the rear wiper motor assembly flows to TERMINAL 2 of the rear wiper motor assembly to TERMINAL 4 of the rear wiper and washer SW to TERMINAL 2 to GROUND.

This causes the motor to operate (The point changes) and the intermittent circuit of the relay operates. Intermittent operation of the circuit is controlled by the charging and discharging of the condenser installed inside the relay.

### 3. Washer Operation

With the engine start/stop SW pushed to IG ON position and the rear wiper and washer SW turned to ON position, when the wiper SW is turned further, current to TERMINAL 2 of the rear washer motor flows to TERMINAL 1 to TERMINAL 3 of the rear wiper and washer SW to TERMINAL 2 to GROUND so that the rear washer motor rotates and the window washer emits a water, only while the SW is fully turned.

When the wiper SW is off and then turned washer on (Wiper off side), the wiper SW is on and then turned to washer on (Wiper on side), only the washer operates.

## Service Hints

### R16 Rear Wiper Motor Assembly

- 1—Ground : Approx. 12 volts with the engine start/stop SW at IG ON position
- 2—Ground : Continuity with the rear wiper and washer SW at INT position
- 3—Ground : Continuity with the rear wiper and washer SW at ON position

## ○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C16	44 (LHD)	R3	43 (*2)	R16	49 (LHD)
	54 (RHD)		51 (*3)		59 (RHD)
R3	41 (*1)		53 (*4)		

## ○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
CA	36 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	36 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CE	36 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	36 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CG	37 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	37 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CI	37 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	37 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CJ	37 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	37 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
DD	32	Instrument Panel Wire and Instrument Panel J/B (Left Side of the Instrument Panel)

\* 1 : LHD 1ZZ-FE, 3ZZ-FE    \* 2 : LHD 1CD-FTV    \* 3 : RHD 1ZZ-FE, 3ZZ-FE    \* 4 : RHD 1CD-FTV    \* 5 : 1ZZ-FE, 3ZZ-FE    \* 6 : 1CD-FTV

## Rear Wiper and Washer

### : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA4	64 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Behind the Combination Meter)
IA9	74 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
IE1	64 (LHD)	Instrument Panel Wire and Floor Wire (Left Kick Panel)
	74 (RHD)	
IE3	64 (LHD)	
	74 (RHD)	
BC1	68 (LHD)	Back Door No.1 Wire and Floor Wire (Left Quarter Panel)
	78 (RHD)	
BF1	68 (LHD)	Back Door No.2 Wire and Back Door No.1 Wire (Back Door Left)
	78 (RHD)	

### : Ground Points

Code	See Page	Ground Points Location
IM	64 (LHD)	Right Kick Panel
	74 (RHD)	

