

Front Wiper and Washer with Auto Wiper System

System Outline

By turning the engine start/stop SW pushed to IG ON position, the wiper is controlled according to the position of the front wiper and washer SW.

Auto Wiper Operation

When the front wiper and washer SW is set to AUTO, the wiper relay is deactivated, operates at low speed, or operates at high speed based on the input signal from the rain sensor.

When the wiper signal is off and the washer SW is set to on, the wiper relay operates at low speed, irrespective of the signal output from the rain sensor.

Service Hints

C16 Combination SW

17-Ground : Approx. 12 volts with the engine start/stop SW at IG ON position

7-Ground : Approx. 12 volts with the engine start/stop SW at IG ON position and the front wiper and washer SW at LO position

16-Ground : Approx. 12 volts with the engine start/stop SW at IG ON position and
unless the windshield wiper motor at STOP position

8-Ground : Approx. 12 volts with the engine start/stop SW at IG ON position and the front wiper and washer SW at HI position

2-Ground : Always continuity

W4 Windshield Wiper Motor

B-S : Closed unless the front wiper motor at STOP position

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C16	44 (LHD)	R12	49 (LHD)	W4	43 (*2)
	54 (RHD)		59 (RHD)		51 (*3)
J2	41 (*1)	W3	41 (*1)		53 (*4)
	43 (*2)		43 (*2)	W5	47 (LHD)
	53 (*4)		51 (*3)		57 (RHD)
J13	45 (LHD)		53 (*4)		
J22	55 (RHD)	W4	41 (*1)		

○ : 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)
CB	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)
CC	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)
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)
CK	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)
DA	32	Instrument Panel Wire and Instrument Panel J/B (Left Side of the Instrument Panel)
DL	33	Engine Room Main Wire and Instrument Panel J/B (Left Side of the Instrument Panel)

□ : 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)
IC1	64 (LHD)	Roof Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
	74 (RHD)	

* 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



: **Ground Points**

Code	See Page	Ground Points Location
EC	60 (*1)	Left Side of the Suspension Tower
	62 (*2)	
	70 (*3)	
	72 (*4)	
IM	64 (LHD)	Right Kick Panel
	74 (RHD)	

* 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