

SYSTEM OUTLINE

The vehicle condition is input into the passenger side J/B ECU through the communication control of the body ECU and door ECU etc., and controls the wiper and washer.

1. INTERMITTENT WIPER FUNCTION RESPONDING TO VEHICLE CONDITION

The passenger side J/B ECU controls the intermittent operation time according to the time adjustable volume (Variable resistor) and vehicle speed (w/o rain sensor) or rain sensor (w/ rain sensor).

2. WASHER LINKED FUNCTION (WITH EXCESS FLUID WIPE OFF FUNCTION)

When the washer SW is pushed while the wiper is not operating, the passenger side J/B ECU controls the wiper to operate for a certain time. The wiper operates once to wipe off the excess fluid, vehicle speed linked operation.

3. WIPER ANGLE CONTROL FUNCTION (EUROPE)

Through the passenger side J/B ECU control, the variable motor operates to raise the blade from stored position to INT position by moving the idle lever position when operating the wiper, and automatically corrects the blade overrun during high speed operation.

SERVICE HINTS

PASSENGER SIDE J/B ECU

2-GROUND : Approx. 12 volts with ignition SW at **ON** or **ST** position

F10 FRONT WIPER MOTOR

6-GROUND : Approx. 12 volts with ignition SW at **ON** or **ST** position

1-GROUND : Always continuity

FRONT CONTROLLER

11-GROUND : Always approx. 12 volts

C14 COMBINATION SW

1-GROUND : Always approx. 12 volts

2-GROUND : Approx. 12 volts with ignition SW at **ON** or **ST** position

8-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A27	116 (LHD)	J13	117 (LHD)	P4 B	118 (LHD)
C12	116 (LHD)	J14	117 (LHD)	P7	118 (LHD)
C14	116 (LHD)	J15 A	117 (LHD)	R8	122 (LHD)
D2 A	117 (LHD)	J16 B	117 (LHD)	S13	119 (LHD)
D4 C	117 (LHD)	J17 A	117 (LHD)	V1	115 (LHD)
F10	113 (LHD)	J18 B	117 (LHD)	W1	115 (LHD)
G1	117 (LHD)	L13	121 (LHD)	W2	115 (LHD)
J7	114 (LHD)	O6	122 (LHD)		
J11	117 (LHD)	P3 A	118 (LHD)		

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	81	Engine Room No.1 R/B (Engine Compartment Left)
2	82	Engine Room No.2 R/B (Engine Compartment Left)

WIPER AND WASHER (LHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
DD	88 (LHD)	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
DE	87 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
DF		
DG		
DH		
PC		
PD	93 (LHD)	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
PE	94 (LHD)	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
PF		
PH		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC3	142 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
II1	144 (LHD)	Instrument Panel Wire and Roof Wire (Cowl Side Panel RH)

: GROUND POINTS

Code	See Page	Ground Points Location
EC	140 (LHD)	Radiator Side Support LH
IG	142 (LHD)	Left Side of Instrument Panel
II	142 (LHD)	Right Side of Shift Lever
IK	142 (LHD)	Cowl Side Panel RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E6	140 (LHD)	Engine Room Main Wire			

