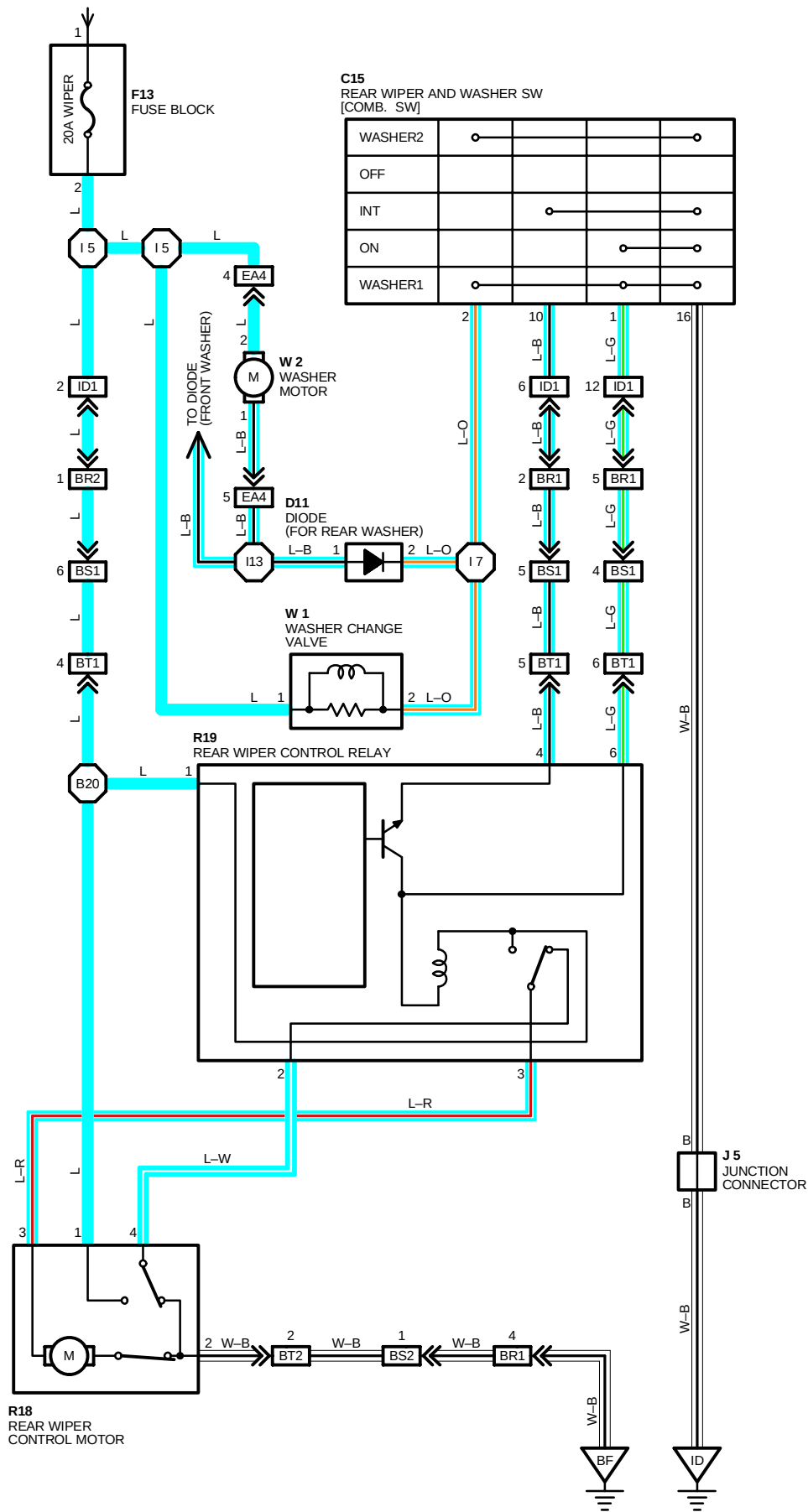


REAR WIPER AND WASHER

FROM POWER SOURCE SYSTEM (SEE PAGE 46)



SYSTEM OUTLINE

WHEN THE IGNITION SW IS TURNED ON, CURRENT FLOWS TO **TERMINAL 2** OF WASHER MOTOR, **TERMINAL 1** OF WASHER CHANGE VALVE **TERMINAL 1** OF REAR WIPER RELAY AND **TERMINAL 1** OF REAR WIPER MOTOR THROUGH THE **WIPER FUSE**.

1. REAR WIPER NORMAL OPERATION

WITH THE IGNITION SW TURNED ON AND REAR WIPER AND WASHER SW TURNED ON, THE CURRENT FLOWING TO **TERMINAL 1** OF REAR WIPER RELAY FLOWS TO **TERMINAL 6** OF RELAY → **TERMINAL 1** OF REAR WIPER AND WASHER SW → **TERMINAL 16** → TO **GROUND**. THUS, THE RELAY COIL IS ACTIVATED AND THE CURRENT TO **TERMINAL 1** OF RELAY FLOWS TO **TERMINAL 3** → **TERMINAL 3** OF REAR WIPER MOTOR → MOTOR → **TERMINAL 2** → TO **GROUND** AND CAUSES THE MOTOR TO OPERATE REAR WIPER.

2. REAR WIPER INTERMITTENT OPERATION

WITH THE IGNITION SW TURNED ON AND REAR WIPER AND WASHER SW TURNED TO **INT** POSITION, THE CURRENT FLOWING TO **TERMINAL 1** OF REAR WIPER RELAY FLOWS TO **TERMINAL 4** OF RELAY → **TERMINAL 10** OF WIPER SW → **TERMINAL 16** → TO **GROUND**, AS A RESULT, THE RELAY OPERATES FOR APPROX. **6 – 10 SEC.** AND CURRENT FLOWS FROM **TERMINAL 1** OF RELAY → **TERMINAL 3** → **TERMINAL 3** OF REAR WIPER MOTOR → MOTOR → TO **GROUND**, CAUSING THE MOTOR TO ROTATE TO OPERATE THE WIPER. AT THIS TIME THE CONTACT IN THE WIPER MOTOR CLOSSES AND THE CURRENT FLOWS FROM **TERMINAL 1** OF REAR WIPER MOTOR → **TERMINAL 4** → **TERMINAL 2** OF REAR WIPER RELAY → **TERMINAL 4** → **TERMINAL 10** OF REAR WIPER AND WASHER SW → **TERMINAL 16** → TO **GROUND**.

THUS, THE INTERMITTENT-STOP CIRCUIT OPERATES, THE CONDENSER IN THE CIRCUIT CHARGES AND THE WIPER CONTINUES TO OPERATE UNTIL REACHING THE **STOP** POSITION. AFTER THE WIPER STOPS, CURRENT DOES NOT FLOW TO THE INTERMITTENT-STOP CIRCUIT FROM **TERMINAL 2** OF RELAY, BUT THE CONDENSER DISCHARGES CURRENT INTO THE INTERMITTENT CIRCUIT AND THE CIRCUIT OPERATES UNTIL THE CONDENSER DISCHARGE ENDS. AS A RESULT, THIS DISCHARGE INTERVAL BECOMES THE INTERMITTENT TIME.

WHEN THE CURRENT IS DISCHARGED COMPLETELY, THE CURRENT FLOWING TO **TERMINAL 1** OF RELAY FLOWS TO **TERMINAL 4** → **TERMINAL 10** OF REAR WIPER AND WASHER SW → **TERMINAL 16** → TO **GROUND**.

THEN, THE CURRENT FROM **TERMINAL 1** OF RELAY FLOWS FROM **TERMINAL 3** → **TERMINAL 3** OF MOTOR → MOTOR → **TERMINAL 2** → TO **GROUND** AND ROTATES THE MOTOR. THROUGH REPETITION OF THIS PROCESS, INTERMITTENT OPERATION OF THE REAR WIPER OCCURS.

3. WASHER OPERATION

WITH THE IGNITION SW TURNED ON AND THE REAR WIPER AND WASHER SW TURNED TO **ON** OR **INT** POSITION, WHEN THE WIPER SW IS PUSHED STRONGLY TOWARD THE **ON** OR **INT** SIDE THE CURRENT FLOWING TO **TERMINAL 2** OF WASHER MOTOR FLOWS TO **TERMINAL 1** OF MOTOR → **TERMINAL 2** OF REAR WIPER AND WASHER SW → **TERMINAL 16** → TO **GROUND** SO THAT THE WASHER MOTOR ROTATES AND THE WINDOW WASHER EJECTS THE SPRAY, ONLY WHILE THE WIPER SW IS PRESSED. AT THE SAME TIME, THE WASHER CHANGE VALVE OPERATES.

WHEN CURRENT FLOWS TO THE WASHER CHANGE VALVE, THE WASHER CHANGE VALVE IS ACTIVATED AND WASHER FLUID SPRAYS ON THE REAR WINDOW.

SERVICE HINTS

W 2 WASHER MOTOR

- 2-GROUND : APPROX. **12** VOLTS WITH IGNITION SW AT **ON** POSITION
- 1-GROUND : CONTINUITY WITH WASHER SW TURNED ON

R19 REAR WIPER CONTROL RELAY

- 1-GROUND : APPROX. **12** VOLTS WITH IGNITION SW AT **ON** POSITION
- 4-GROUND : CONTINUITY WITH REAR WIPER SW AT **INT** POSITION
- 6-GROUND : CONTINUITY WITH REAR WIPER SW AT **ON** POSITION

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C15	23	J 5	23	W 1	22
D11	23	R18	24	W 2	22
F13	23	R19	24		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
EA4	26	COWL WIRE AND ENGINE ROOM MAIN WIRE (RIGHT FENDER)
ID1	28	COWL WIRE AND FLOOR NO. 1 WIRE (LEFT KICK PANEL)
BR1	30	LUGGAGE ROOM NO. 1 WIRE AND FLOOR NO. 1 WIRE (LEFT QUARTER PANEL INNER)
BR2		
BS1	30	BACK DOOR NO. 1 WIRE AND LUGGAGE ROOM NO. 1 WIRE (LEFT REAR SIDE OF ROOF)
BS2		
BT1	30	BACK DOOR NO. 1 WIRE AND BACK DOOR NO. 2 WIRE (BACK DOOR LEFT)
BT2		

REAR WIPER AND WASHER

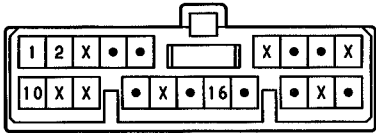
 : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
ID	28	LEFT KICK PANEL
BF	30	UNDER THE CENTER CONSOLE BOX

 : SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
I5	28	COWL WIRE	I13	28	COWL WIRE
I7			B20	32	BACK DOOR NO. 2 WIRE

C15 BLACK



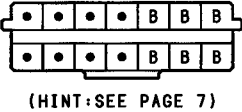
D11 GRAY



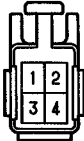
F13

(SEE PAGE 20)

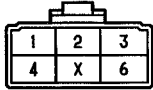
J 5 ORANGE



R18



R19



W 1 DARK GRAY



W 2 BLACK

