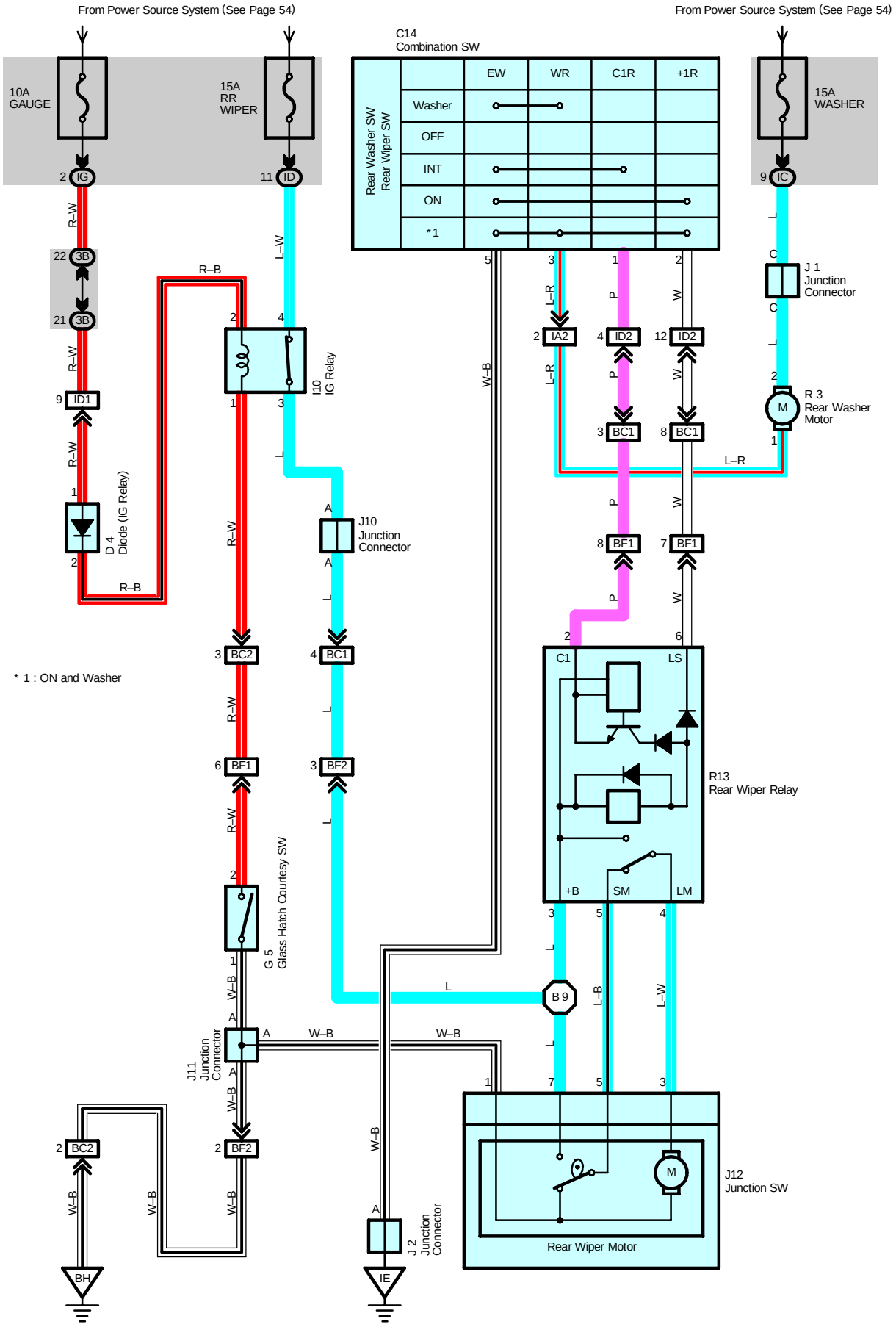
Rear Wiper and Washer



System Outline

When the ignition SW is turned on and glass hatch is closed, the current flows through the WASHER fuse to TERMINAL 2 of the rear washer motor, the current flows through the RR WIPER fuse to IG relay (Point side) to TERMINAL 7 of the junction SW and TERMINAL 3 of the rear wiper relay.

1. Rear Wiper Normal Operation

When the ignition SW is turned on, glass hatch is closed and rear wiper SW turned to ON position, the current flows through the TERMINAL 3 of the rear wiper relay to TERMINAL 6 to TERMINAL 2 of the rear wiper SW to TERMINAL 5 to GROUND. As a result, the rear wiper relay is operated, and the current flows through the TERMINAL 3 of the rear wiper relay to TERMINAL 4 to TERMINAL 3 of the junction SW to rear wiper motor to TERMINAL 1 of the junction SW to GROUND, causing the motor to operate the rear wiper.

2. Rear Wiper Intermittent Operation

When the ignition SW is turned on, glass hatch is closed and rear wiper SW turned to INT position, the current flows through the TERMINAL 3 of the rear wiper relay to TERMINAL 2 to TERMINAL 1 of the rear wiper SW to TERMINAL 5 to GROUND. As a result, the intermittent circuit of the relay operates and the rear wiper motor operates.

3. Washer Operation

With the ignition SW is turned on, glass hatch is closed and rear washer SW turned to ON and washer position, when the rear wiper SW is turned further, the current flows through the WASHER fuse to TERMINAL 2 of the rear washer motor to TERMINAL 1 to TERMINAL 3 of the rear washer SW to TERMINAL 5 to GROUND, so that the rear washer motor rotates and the window washer emits a water, only while the switch is fully turned.
When the rear wiper SW is off and then turned washer on (Wiper off side), the rear wiper SW is on and then turned to washer on (Wiper on side), only the washer operates.

Service Hints

R3 Rear Washer Motor

2–Ground : Approx. 12 volts with the ignition SW at ON position
1–Ground : Continuity with the washer SW turned on

R13 Rear Wiper Relay

3–Ground : Approx. 12 volts with the ignition SW at ON position and the glass hatch closed
2–Ground : Continuity with the rear wiper and washer SW at INT position
6–Ground : Continuity with the rear wiper and washer SW at ON or ON and washer position

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C14	38	J1	37 (1ZZ–FE)	R3	35 (2ZZ–GE)
D4	38	J2	39		37 (1ZZ–FE)
G5	40	J10	40	R13	41
I10	39	J11	40		
J1	35 (2ZZ–GE)	J12	40		

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	25	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
ID	25	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
IG	25	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3B	29	Instrument Panel Wire and RH J/B (Right Side of the Instrument Panel Reinforcement)

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	46	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Reinforcement LH)
ID1	46	Instrument Panel Wire and Floor Wire (Left Kick Panel)
ID2		
BC1	50	Back Door No.1 Wire and Floor Wire (Left Quarter Panel)
BC2		
BF1	50	Back Door No.1 Wire and Back Door No.2 Wire (Back Panel LH)
BF2		

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 **: Ground Points**

Code	See Page	Ground Points Location
IE	46	Behind Combination Meter
BH	50	Left Quarter Panel

 **: Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B9	50	Back Door No.2 Wire			