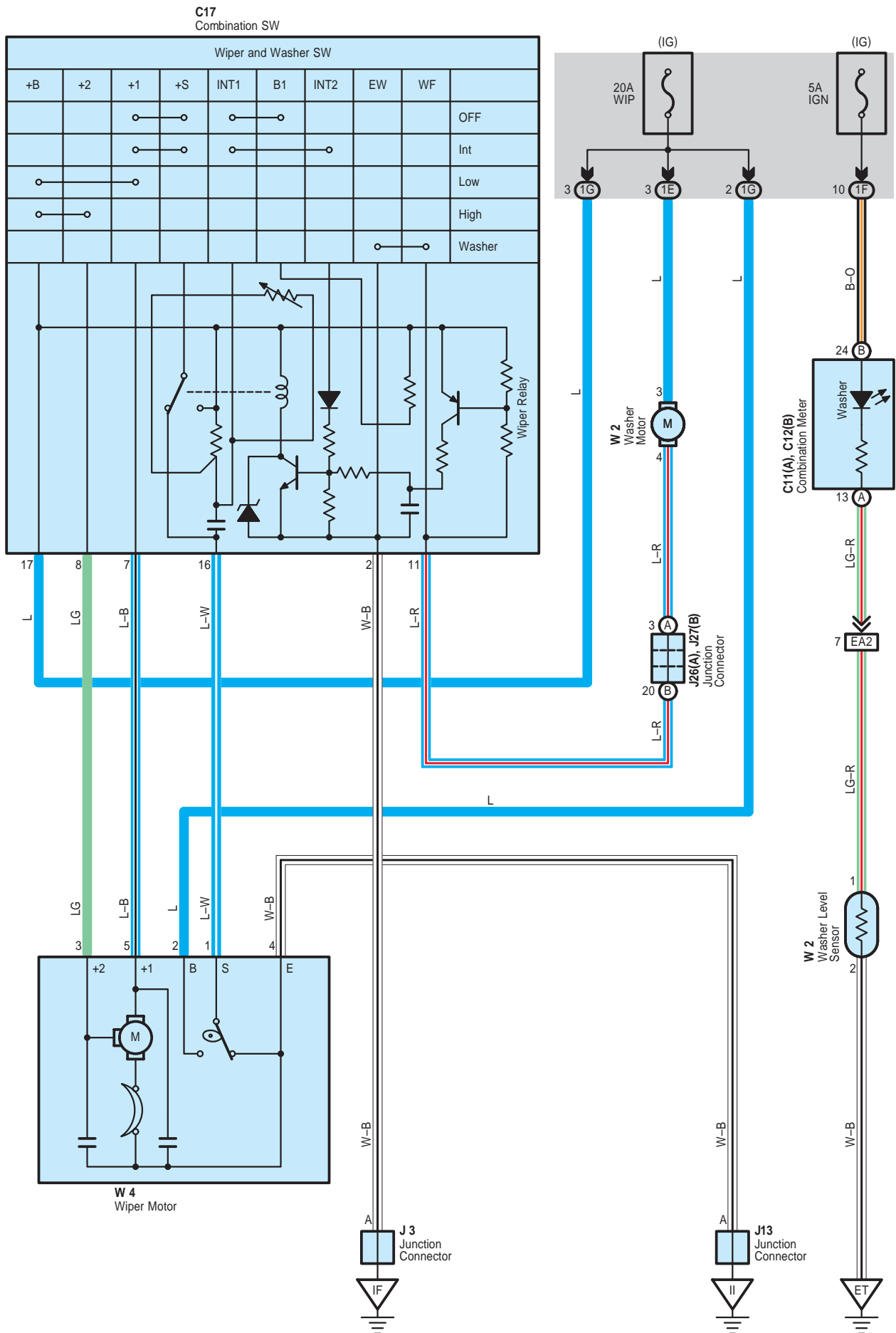


Wiper and Washer with INT TIME Switch (Access/Standard Cab)



System Outline

With the ignition SW turned on, current flows to TERMINAL 17 of the wiper and washer SW, TERMINAL 3 of the washer motor and TERMINAL 2 of the wiper motor through the WIP fuse.

1. Low Speed Position

With wiper SW turned to LOW position, current flows from TERMINAL 17 of the wiper and washer SW to TERMINAL 7 to TERMINAL 5 of the wiper motor to TERMINAL 4 to GROUND and causes the wiper motor to run at low speed.

2. High Speed Position

With wiper SW turned to HIGH position, current flows from TERMINAL 17 of the wiper and washer SW to TERMINAL 8 to TERMINAL 3 of the wiper motor to TERMINAL 4 to GROUND and causes the motor to run at high speed.

3. INT Position

With wiper SW turned to INT position, the relay operates and the current which is connected by relay function flows from TERMINAL 17 of the wiper and washer SW to TERMINAL 2 to GROUND. This flowing the intermittent circuit and current flows from TERMINAL 17 of the wiper and washer SW to TERMINAL 7 to TERMINAL 5 of the wiper motor to TERMINAL 4 to GROUND and the wiper functions.

The intermittent operation is controlled by charging and discharging of the condenser installed in the relay and the intermittent time is controlled by a time control SW to change the charging time of the condenser.

4. Washer Interlocking Operation

With the washer SW turned to on, current flows from TERMINAL 3 of the washer motor to TERMINAL 4 to TERMINAL 11 of the wiper and washer SW to TERMINAL 2 to GROUND and causes to the washer motor to run, and the window washer is jetted.

This causes current to flow to washer continuous operation circuit in TERMINAL 17 of the wiper and washer SW to TERMINAL 7 to TERMINAL 5 of the wiper motor to TERMINAL 4 to GROUND and the wiper functions.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C11	A	60	J13	62	W2
C12	B	60	J26	A	62
C17	60	J27	B	62	W4
J3	62	W2	57 (2UZ-FE)		
					59 (1GR-FE)
					57 (2UZ-FE)
					59 (1GR-FE)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1E	26 (*1) 30 (*2)	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1F	26 (*1) 30 (*2)	Cowl Wire and Driver Side J/B (Lower Finish Panel)
1G	26 (*1) 30 (*2)	

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA2	80 (2UZ-FE) 81 (1GR-FE)	Cowl Wire and Engine Room Main Wire (Right Fender)

▽ : Ground Points

Code	See Page	Ground Points Location
ET	80 (2UZ-FE) 81 (1GR-FE)	Front Right Fender
IF	82	Left Kick Panel
II	82	Right Kick Panel

* 1 : w/o Daytime Running Light

* 2 : w/ Daytime Running Light

* 3 : Access Cab

* 4 : Standard Cab

* 5 : Access Cab Captain Seat

* 6 : Access Cab Separate Seat

* 7 : Standard Cab Bench Seat