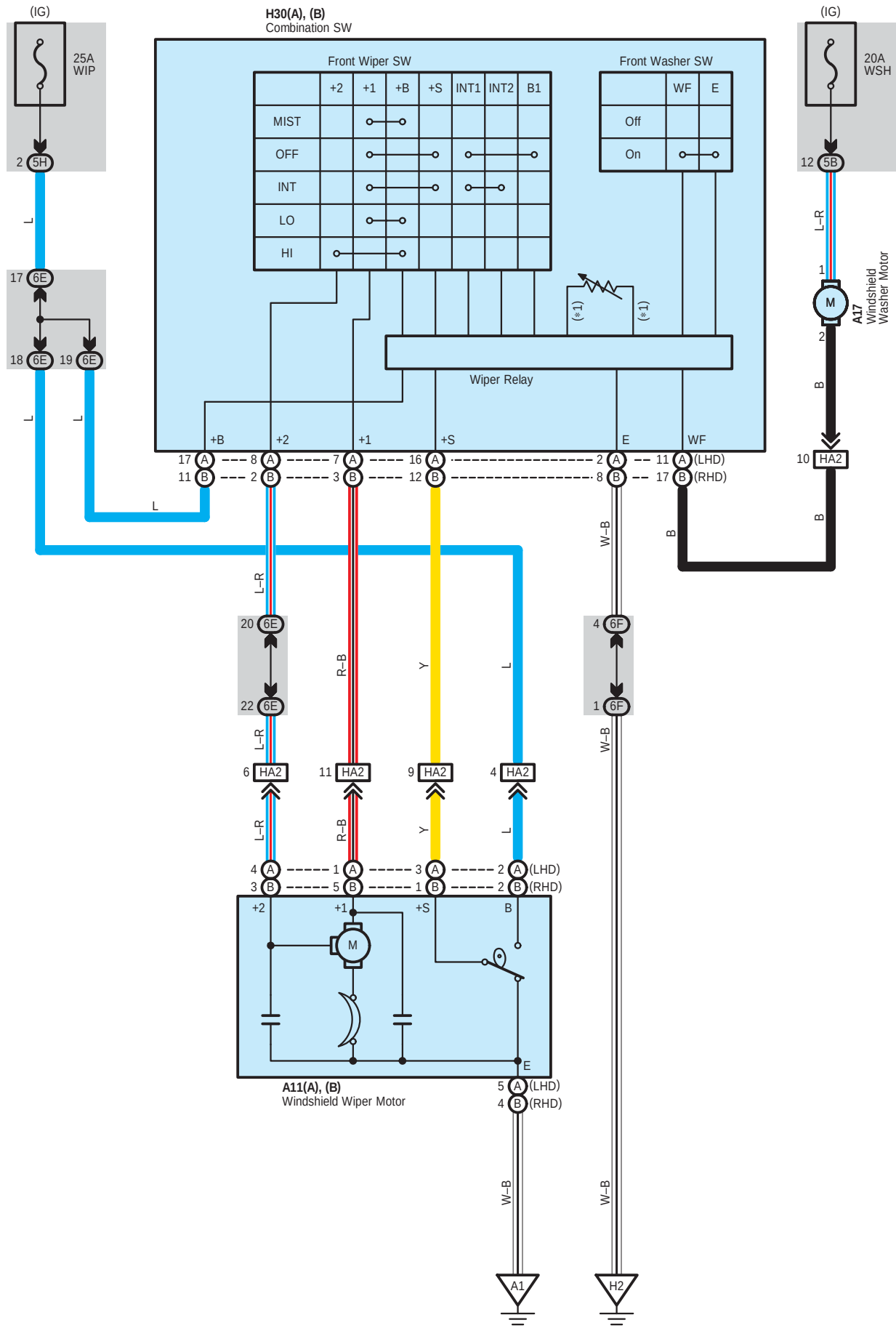


Front Wiper and Washer

* 1 : w/ INT Time SW



System Outline

With the ignition SW turned on, the current flows to TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW and TERMINAL 2 of the windshield wiper motor through the WIP fuse and TERMINAL 1 of the windshield washer motor through the WSH fuse.

1. Low Speed Position

With the front wiper SW turned to LO position, the current flows from TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW to TERMINAL 7 (LHD), 3 (RHD) to TERMINAL 1 (LHD), 5 (RHD) of the windshield wiper motor to TERMINAL 5 (LHD), 4 (RHD) to GROUND and causes the windshield wiper motor to run at low speed.

2. High Speed Position

With the front wiper SW turned to HI position, the current flows from TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW to TERMINAL 8 (LHD), 1 (RHD) to TERMINAL 4 (LHD), 3 (RHD) of the windshield wiper motor to TERMINAL 5 (LHD), 4 (RHD) to GROUND and causes the windshield wiper motor to run at high speed.

3. INT Position

With the front wiper SW turned to INT position, the wiper relay operates and current flows from TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW to TERMINAL 2 (LHD), 8 (RHD) to GROUND. This activates the intermittent circuit and the current flows from TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW to TERMINAL 7 (LHD), 3 (RHD) to TERMINAL 1 (LHD), 5 (RHD) of the windshield wiper motor to TERMINAL 5 (LHD), 4 (RHD) to GROUND and the wiper operates.

The intermittent operation is controlled by the charge/discharge function 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 (w/ INT time SW).

Intermittent operation is controlled by a condenser charge and discharge function in the relay (w/o INT time SW).

4. Mist Position

With the front wiper SW turned to MIST position, the current flows from TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW to TERMINAL 7 (LHD), 3 (RHD) to TERMINAL 1 (LHD), 5 (RHD) of the windshield wiper motor to TERMINAL 5 (LHD), 4 (RHD) to GROUND and causes the windshield wiper motor to run at low speed.

5. Washer Interlocking Operation

With the washer SW pulled to ON position, the current flows from the WSH fuse to TERMINAL 1 of the windshield washer motor to TERMINAL 2 to TERMINAL 11 (LHD), 17 (RHD) of the front wiper and washer SW to TERMINAL 2 (LHD), 8 (RHD) to GROUND and causes the windshield washer motor to run and the window washer to spray. Simultaneously, current flows from the WIP fuse to TERMINAL 17 (LHD), 11 (RHD) of the front wiper and washer SW to TERMINAL 7 (LHD), 3 (RHD) to TERMINAL 1 (LHD), 5 (RHD) of the windshield wiper motor to TERMINAL 5 (LHD), 4 (RHD) to GROUND, causing the wiper to function.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A11	A	48 (LHD)	A17	48 (LHD)	H30
	B	56 (RHD)		56 (RHD)	
				A	49 (LHD)
				B	57 (RHD)

□ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
5B	30	Cowl to Head Lamp Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5H	30	Instrument Panel Wire and Instrument Panel J/B (Left Side of Instrument Panel)
6E	38 (LHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement LH)
	38 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
6F	38 (LHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement LH)
	38 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
HA2	64 (LHD)	Instrument Panel Wire and Cowl to Head Lamp Wire (Under the Instrument Panel J/B)
	72 (RHD)	

Front Wiper and Washer



: Ground Points

Code	See Page	Ground Points Location
A1	64 (LHD)	Dash Panel Right
	72 (RHD)	
H2	64 (LHD)	Instrument Panel Reinforcement
	72 (RHD)	

