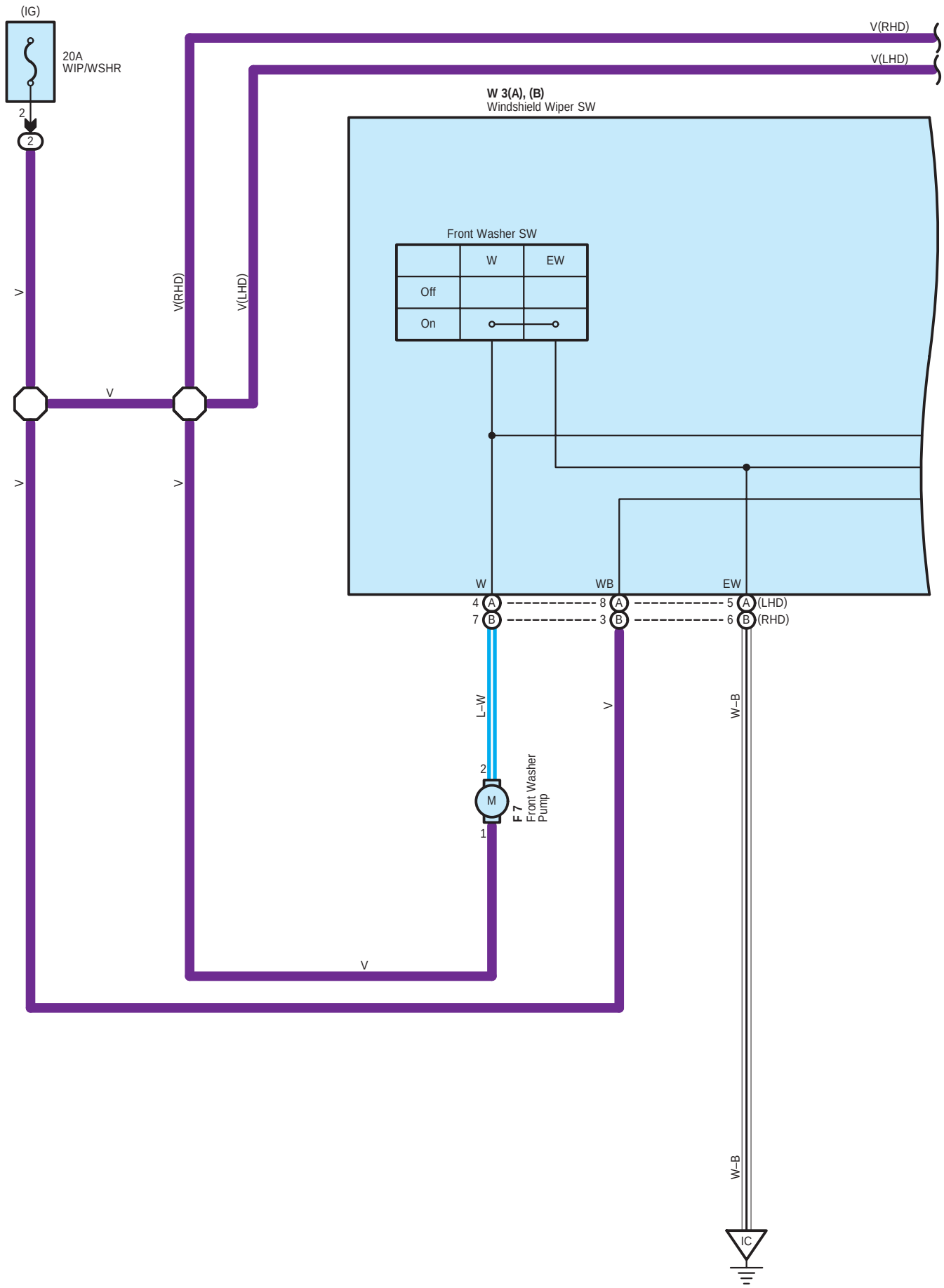
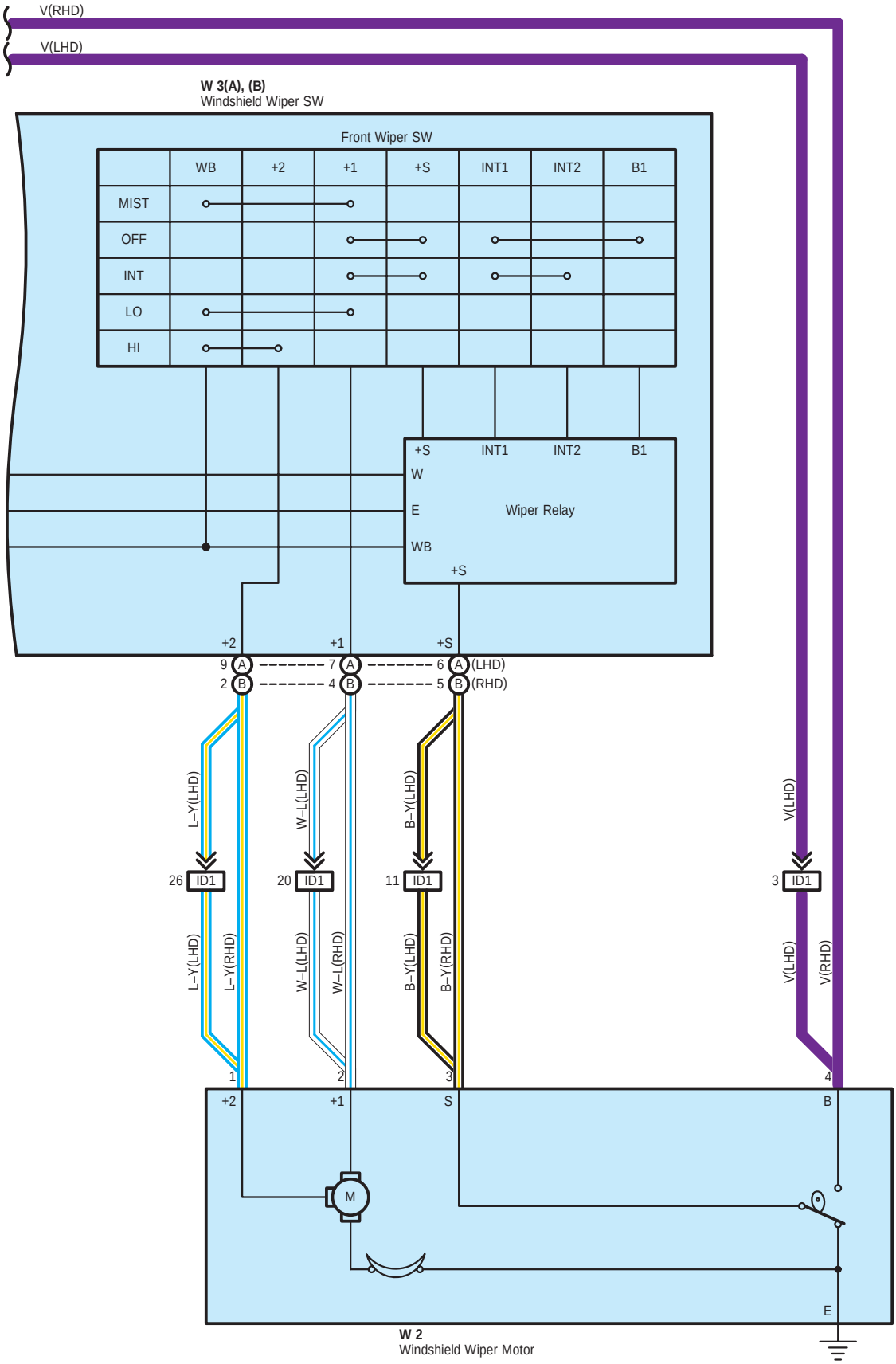

(IG)
20A
WIP/WSHR
2
2
V(RHD)
V(LHD)
W 3(A), (B)
Windshield Wiper SW
Front Washer SW
W
EW
Off
On
V
V(RHD)
V(LHD)
V
V
V
W
WB
EW
4 A
7 B
8 A
3 B
5 A (LHD)
6 B (RHD)
L–W
V
W–B
2
M
1
F 7
Front Washer
Pump
V
W–B
IC


V(RHD)
V(LHD)
W 3(A), (B)
Windshield Wiper SW
Front Wiper SW
WB
+2
+1
+S
INT1
INT2
B1
MIST
OFF
INT
LO
HI
+S
INT1
INT2
B1
W
E
Wiper Relay
WB
+S
+2
+1
+S
9 A
2 B
7 A
4 B
6 A (LHD)
5 B (RHD)
L–Y(LHD)
W–L(LHD)
B–Y(LHD)
V(LHD)
26 ID1
20 ID1
11 ID1
3 ID1
L–Y(LHD)
L–Y(RHD)
W–L(LHD)
W–L(RHD)
B–Y(LHD)
B–Y(RHD)
V(LHD)
V(RHD)
1
2
3
4
+2
+1
S
B
M
E
W 2
Windshield Wiper Motor

Front Wiper and Washer

System Outline

With the ignition SW turned on, the current flows to TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW, TERMINAL 1 of the front washer pump and TERMINAL 4 of the windshield wiper motor through the WIP/WSHR fuse.

1. Low Speed Position

With the windshield wiper SW turned to LO position, the current flows from TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW to TERMINAL (A) 7 (LHD) or (B) 4 (RHD) to TERMINAL 2 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at low speed.

2. High Speed Position

With the windshield wiper SW turned to HI position, the current flows from TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW to TERMINAL (A) 9 (LHD) or (B) 2 (RHD) to TERMINAL 1 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at high speed.

3. INT Position

With the windshield wiper SW turned to INT position, the wiper relay operates and current flows from TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW to TERMINAL (A) 5 (LHD) or (B) 6 (RHD) to GROUND. This activates the intermittent circuit and the current flows from TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW to TERMINAL (A) 7 (LHD) or (B) 4 (RHD) to TERMINAL 2 of the windshield wiper motor to GROUND and the wiper operates. The intermittent operation is controlled by the charge/discharge function of the condenser installed in the relay.

4. Mist Position

With the windshield wiper SW turned to MIST position, the current flows from TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW to TERMINAL (A) 7 (LHD) or (B) 4 (RHD) to TERMINAL 2 of the windshield wiper motor 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 WIP/WSHR fuse to TERMINAL 1 of the front washer pump to TERMINAL 2 to TERMINAL (A) 4 (LHD) or (B) 7 (RHD) of the windshield wiper SW to TERMINAL (A) 5 (LHD) or (B) 6 (RHD) to GROUND and causes the front washer pump to run and the window washer to spray. Simultaneously, current flows from the WIP/WSHR fuse to TERMINAL (A) 8 (LHD) or (B) 3 (RHD) of the windshield wiper SW to TERMINAL (A) 7 (LHD) or (B) 4 (RHD) to TERMINAL 2 of the windshield wiper motor to GROUND, causing the wiper to function.

: Parts Location

Code	See Page	Code	See Page	Code		See Page
F7	24 (*1)	W2	25 (*1)	W3	A	29 (LHD)
	26 (*2)		27 (*2)		B	37 (*5)
	32 (*3)		33 (*3)			39 (*6)
	34 (*4)		35 (*4)			

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	23 (LHD)	Fuse Block (Left Kick Panel)
	23 (RHD)	Fuse Block (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	44 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
IC	44 (LHD)	Cowl Side Panel LH
	48 (*5)	Right Kick Panel
	49 (*6)	

* 1 : LHD 3SZ–VE * 2 : LHD K3–VE * 3 : RHD 3SZ–VE * 4 : RHD K3–VE * 5 : RHD w/ Heater * 6 : RHD w/o Heater