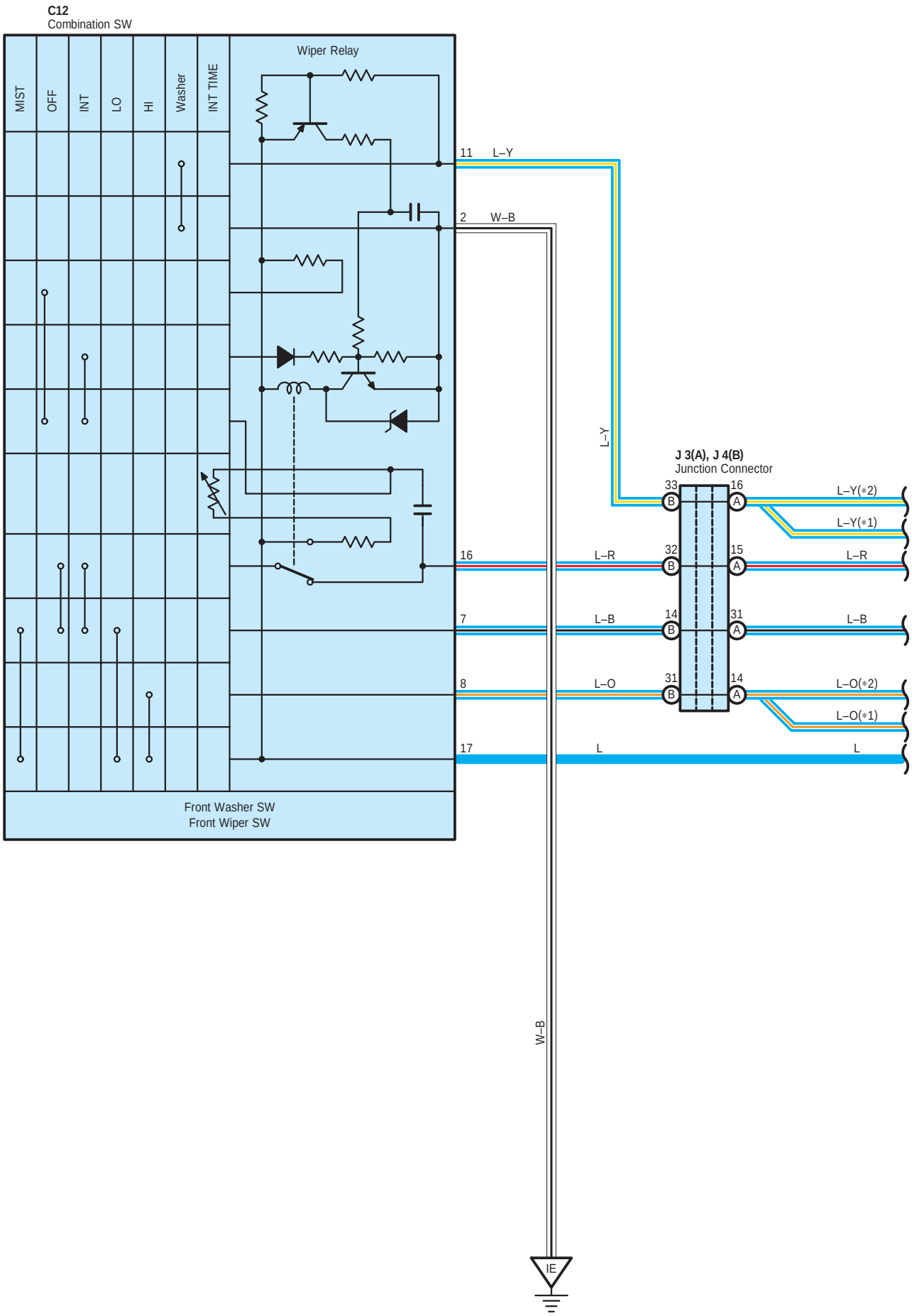
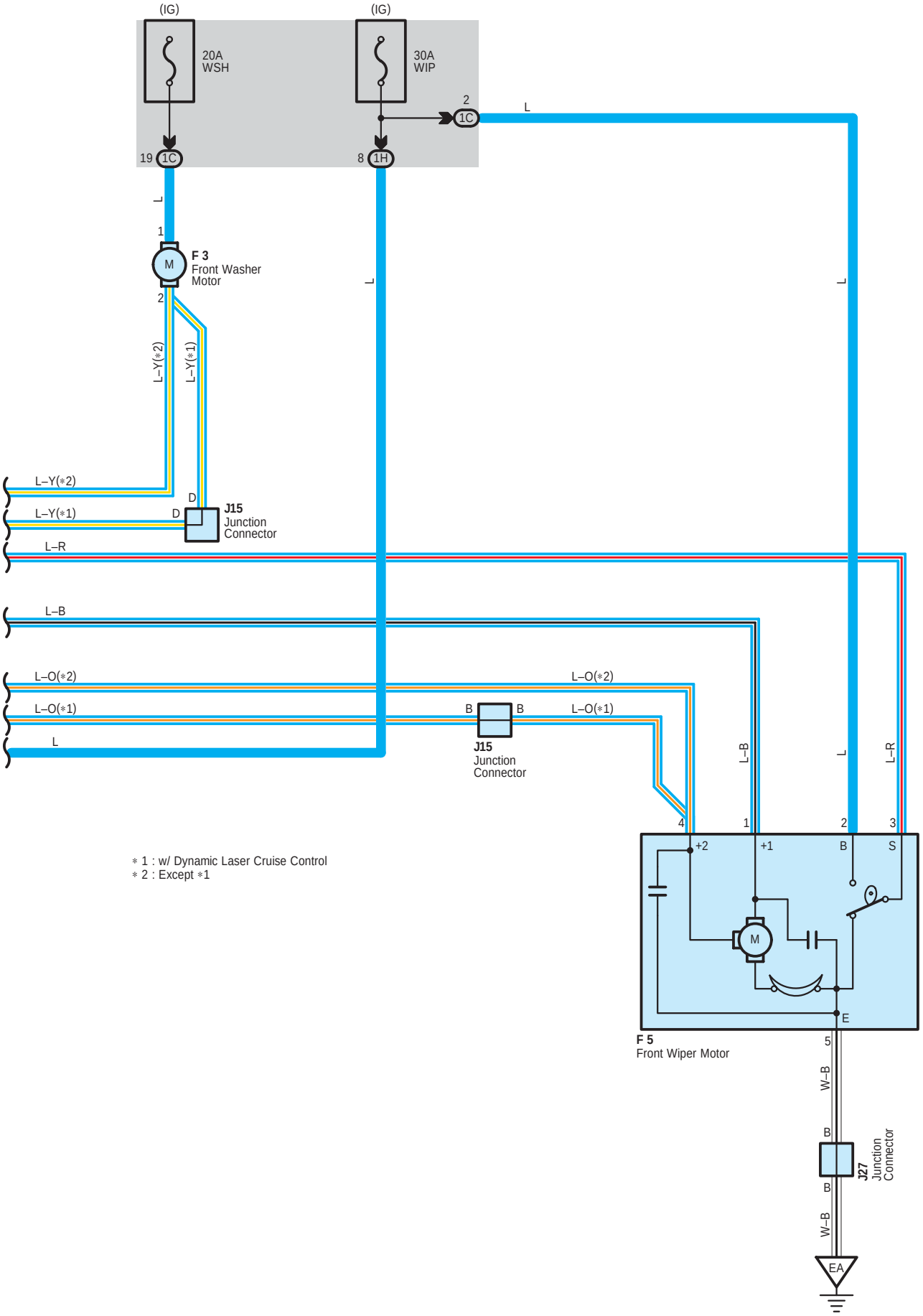

C12
Combination SW
MIST
OFF
INT
LO
HI
Washer
INT TIME
Wiper Relay
Front Washer SW
Front Wiper SW
11 L–Y
2 W–B
16
7
8
17
L–Y
W–B
J 3(A), J 4(B)
Junction Connector
33
16
32
15
14
31
31
14
L–R
L–B
L–O
L
L–Y(*2)
L–Y(*1)
L–R
L–B
L–O(*2)
L–O(*1)
L
IE


(IG)
(IG)
20A
WSH
30A
WIP
2
1C
L
19
1C
8
1H
L
1
M
F 3
Front Washer
Motor
2
L
L
L–Y(∗2)
L–Y(∗1)
L–Y(∗2)
D
L–Y(∗1)
D
J15
Junction
Connector
L–R
L–B
L–O(∗2)
L–O(∗1)
L
B
B
L–O(∗2)
L–O(∗1)
J15
Junction
Connector
L–B
L
L–R
4
1
2
3
+2
+1
B
S
M
E
F 5
Front Wiper Motor
5
W–B
B
J27
Junction
Connector
B
W–B
EA
∗ 1 : w/ Dynamic Laser Cruise Control
∗ 2 : Except ∗1

Front Wiper and Washer

System Outline

With the ignition SW turned on, the current flows to TERMINAL 17 of the wiper and washer SW and TERMINAL 2 of the front wiper motor through the WIP fuse. The current flows to TERMINAL 1 of the front washer motor through the WSH fuse.

1. Low Speed Position

With the front wiper and washer SW turned to LO position, the current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and causes the front wiper motor to run at low speed.

2. High Speed Position

With the front wiper and washer SW turned to HI position, the current flows from TERMINAL 17 of the wiper and washer SW to TERMINAL 8 to TERMINAL 4 of the front wiper motor to TERMINAL 5 to GROUND and causes the front wiper motor to run at high speed.

3. INT Position

With the wiper and washer SW turned to INT position, the wiper relay operates and current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 2 to GROUND. This activates the intermittent circuit and the current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and the wiper operates. Intermittent operation is controlled by a condenser charge and discharge function in the relay.

4. Washer Interlocking Operation

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

○ : Parts Location

Code	See Page	Code		See Page	Code	See Page
C12	39	J3	A	40	J27	40
F3	36	J4	B	40		
F5	36	J15		40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel