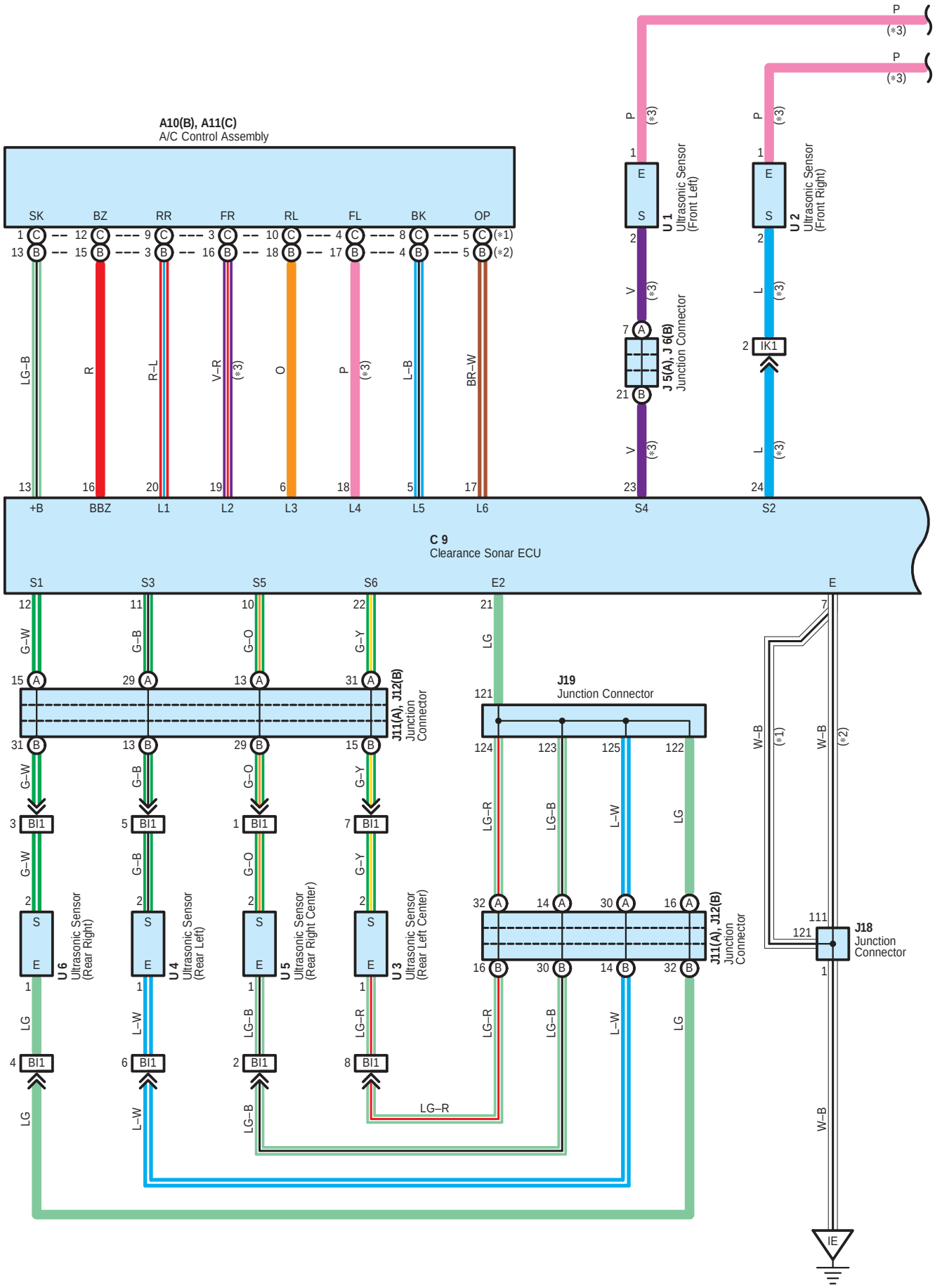
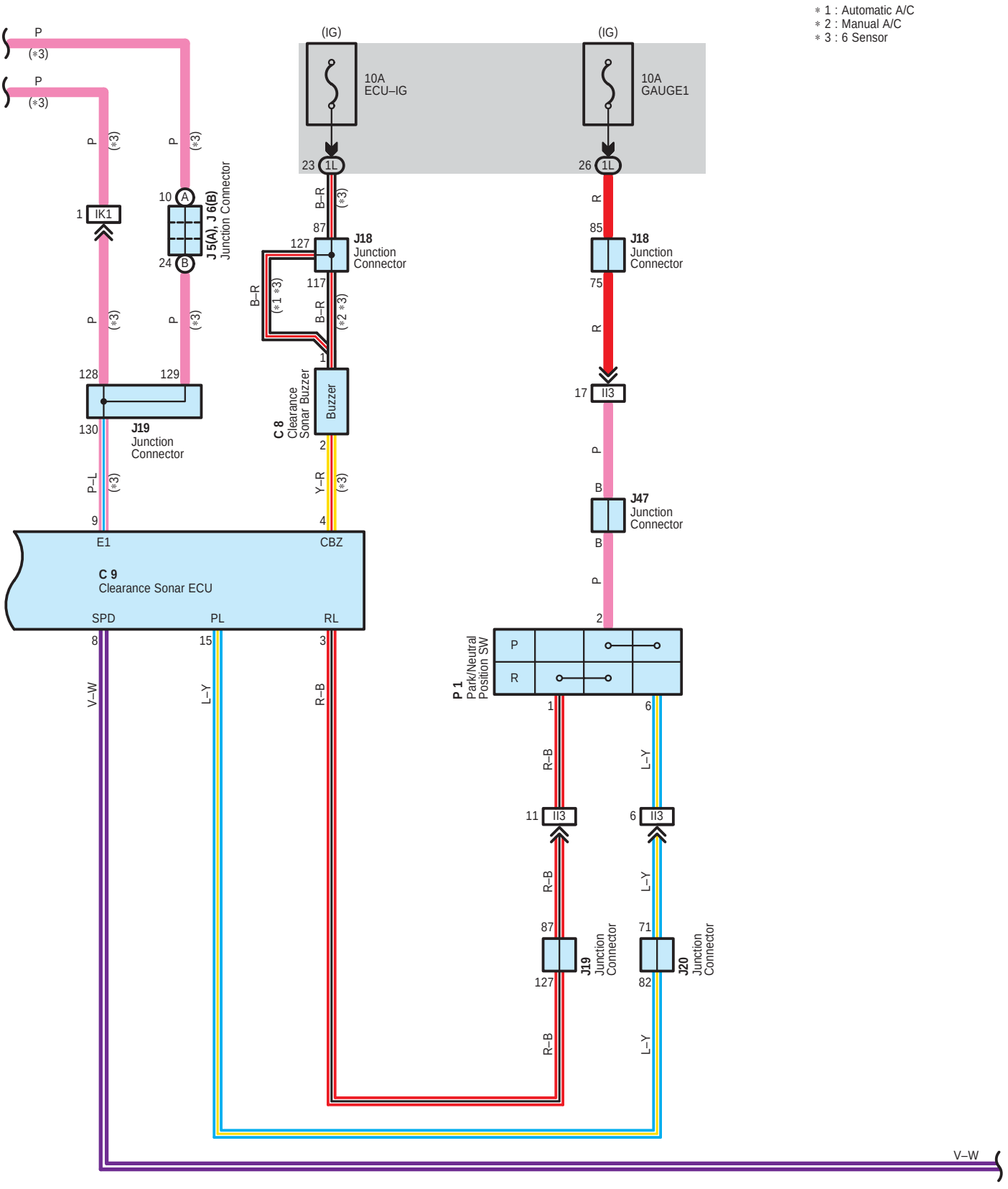
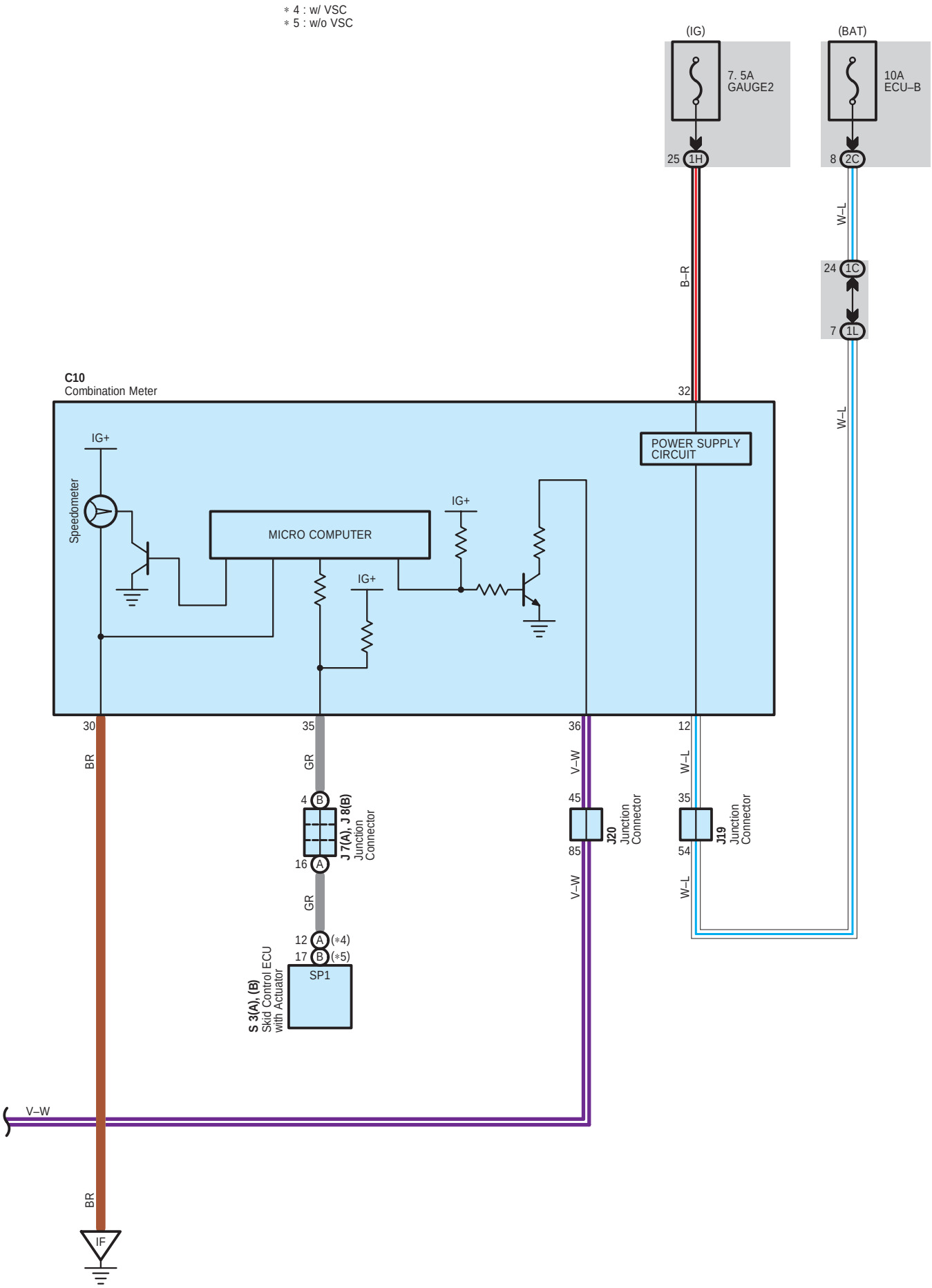

A10(B), A11(C)
A/C Control Assembly
SK
BZ
RR
FR
RL
FL
BK
OP
LG–B
R
R–L
V–R
O
P
L–B
BR–W
+B
BBZ
L1
L2
L3
L4
L5
L6
U 1
Ultrasonic Sensor
(Front Left)
U 2
Ultrasonic Sensor
(Front Right)
J 5(A), J 6(B)
Junction Connector
IK1
S4
S2
C 9
Clearance Sonar ECU
S1
S3
S5
S6
E2
E
J11(A), J12(B)
Junction
Connector
J19
Junction Connector
J18
Junction
Connector
U 6
Ultrasonic Sensor
(Rear Right)
U 4
Ultrasonic Sensor
(Rear Left)
U 5
Ultrasonic Sensor
(Rear Right Center)
U 3
Ultrasonic Sensor
(Rear Left Center)
W–B
IE


∗ 1 : Automatic A/C
∗ 2 : Manual A/C
∗ 3 : 6 Sensor
(IG)
10A
ECU–IG
(IG)
10A
GAUGE1
23 1L
26 1L
P
(∗3)
1 IK1
10 A
24 B
J 5(A), J 6(B)
Junction Connector
B–R
87
127
J18
Junction
Connector
117
(∗1 ∗3)
(∗2 ∗3)
1
C 8
Clearance
Sonar Buzzer
Buzzer
2
Y–R
4
R
85
75
17 II3
B
J47
Junction
Connector
2
128
129
130
J19
Junction
Connector
P–L
9
E1
CBZ
C 9
Clearance Sonar ECU
SPD
PL
RL
8
15
3
V–W
L–Y
R–B
P 1
Park/Neutral
Position SW
P
R
1
6
11 II3
6 II3
87
127
J19
Junction
Connector
71
82
J20
Junction
Connector
V–W


∗ 4 : w/ VSC
∗ 5 : w/o VSC
(IG)
(BAT)
7. 5A
GAUGE2
10A
ECU–B
25 1H
8 2C
W–L
B–R
24 1C
7 1L
W–L
C10
Combination Meter
32
IG+
POWER SUPPLY
CIRCUIT
Speedometer
MICRO COMPUTER
IG+
IG+
30
35
36
12
BR
GR
V–W
W–L
4 B
J 7(A), J 8(B)
Junction
Connector
16 A
45
J20
Junction
Connector
85
35
J19
Junction
Connector
54
GR
V–W
W–L
12 A (∗4)
17 B (∗5)
SP1
S 3(A), (B)
Skid Control ECU
with Actuator
V–W
BR
IF

System Outline

Parking assist (Intuitive parking assist) system uses an ultrasonic sensor equipped with an indicator and beeping alarm to detect obstacles at the corners in front of the vehicle (6 sensor type only) and obstacles at the rear of the vehicle, and provides information to the driver regarding the distance between the sensors and the obstacles and the position of the obstacles.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A10 B	38	J8 B	40	S3 A	37
A11 C	38	J11 A	40	S3 B	37
C8	39	J12 B	40	U1	37
C9	39	J18	40	U2	37
C10	39	J19	40	U3	45
J5 A	40	J20	40	U4	45
J6 B	40	J47	40	U5	45
J7 A	40	P1	37	U6	45

: 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)
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IK1	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
BI1	55	Floor No.3 Wire and Floor No.1 Wire (Lower Back Panel)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH