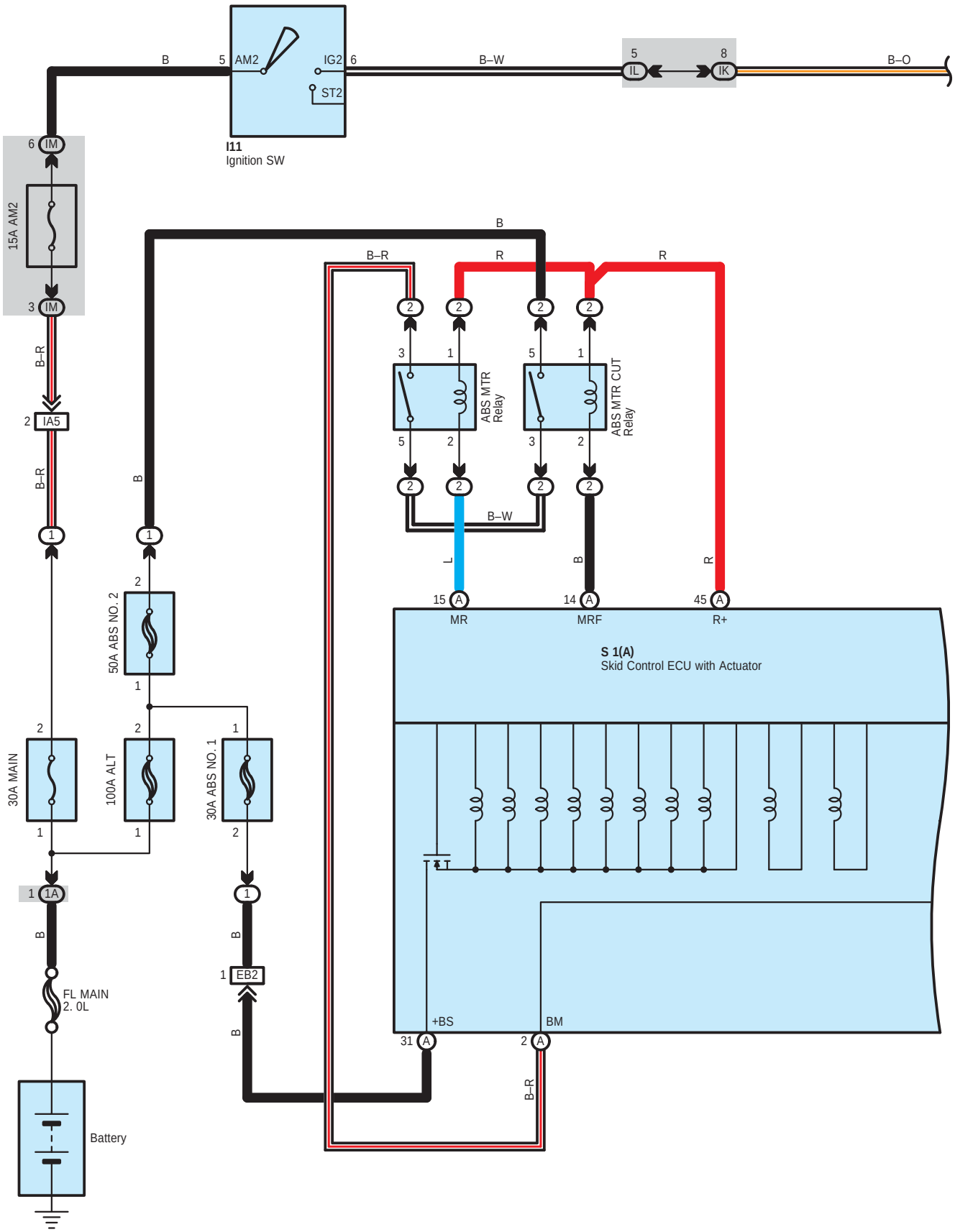
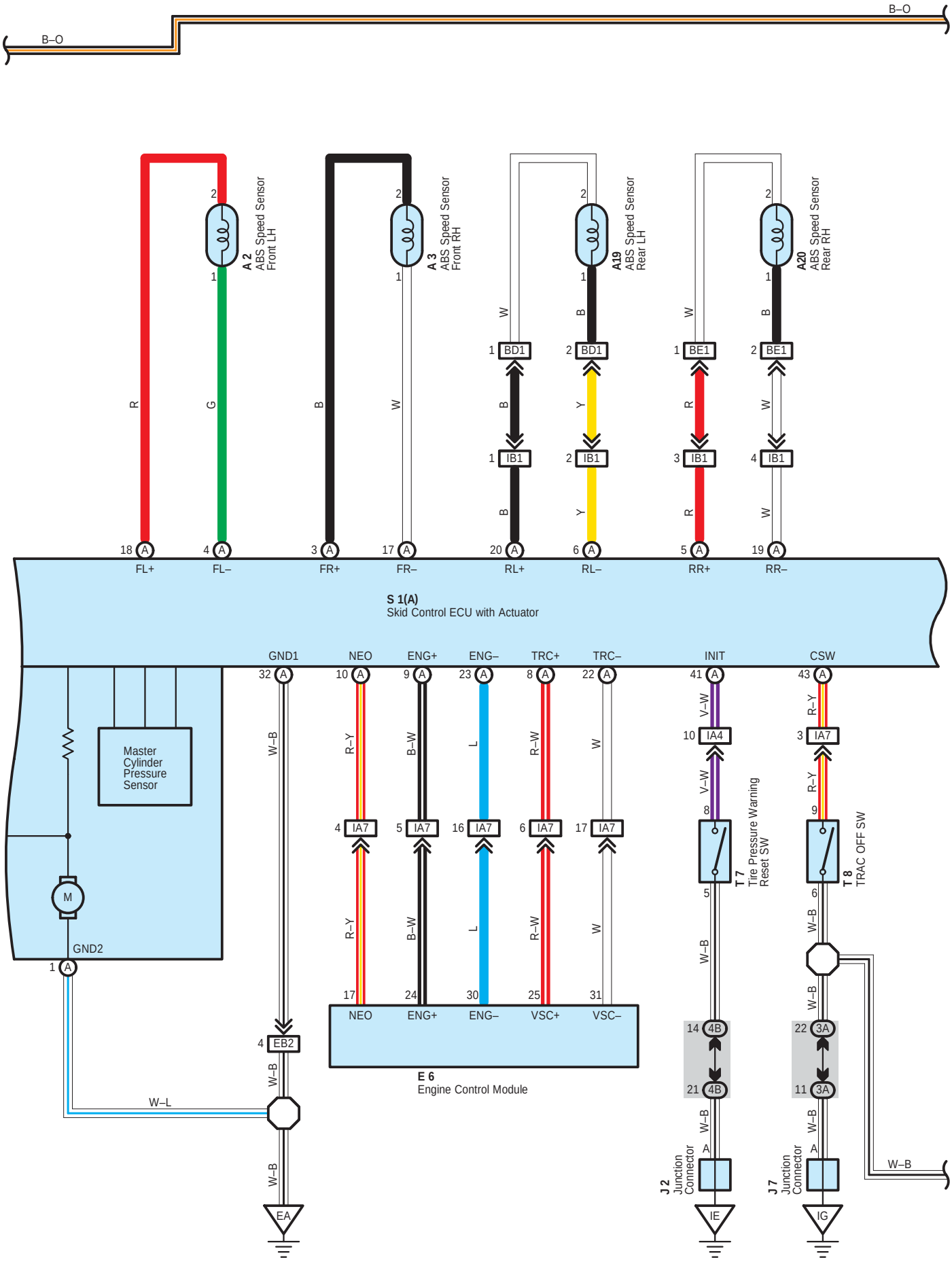
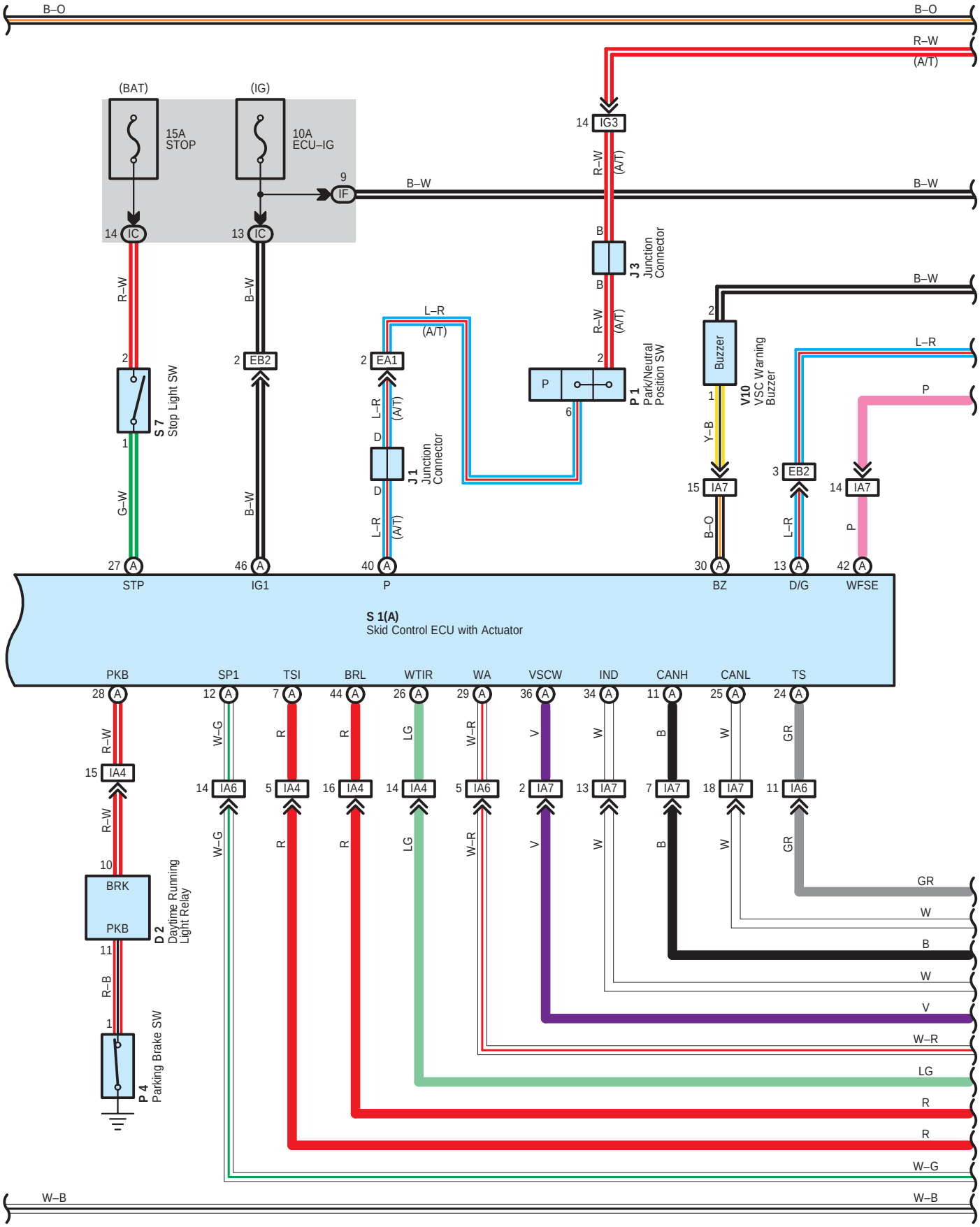
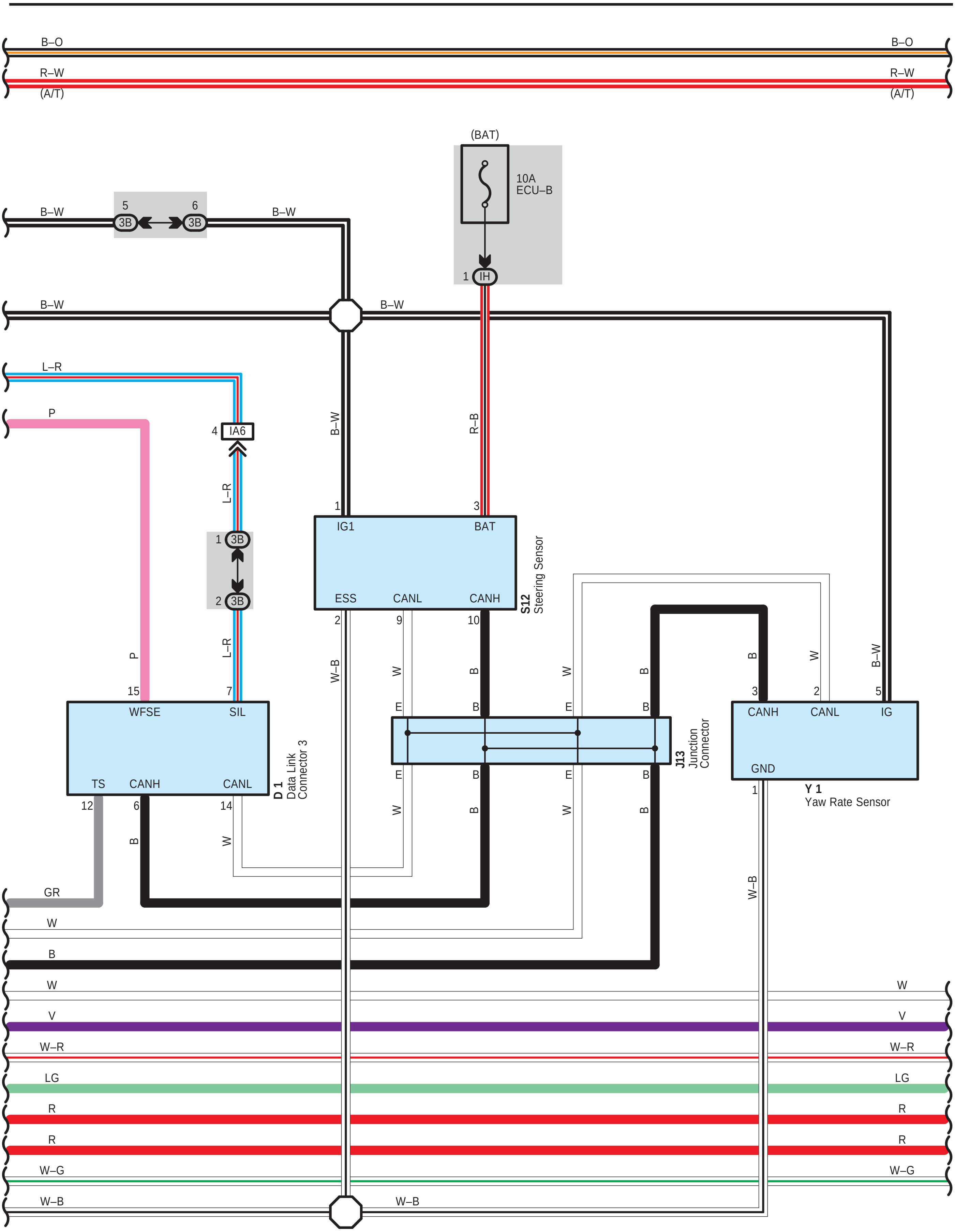
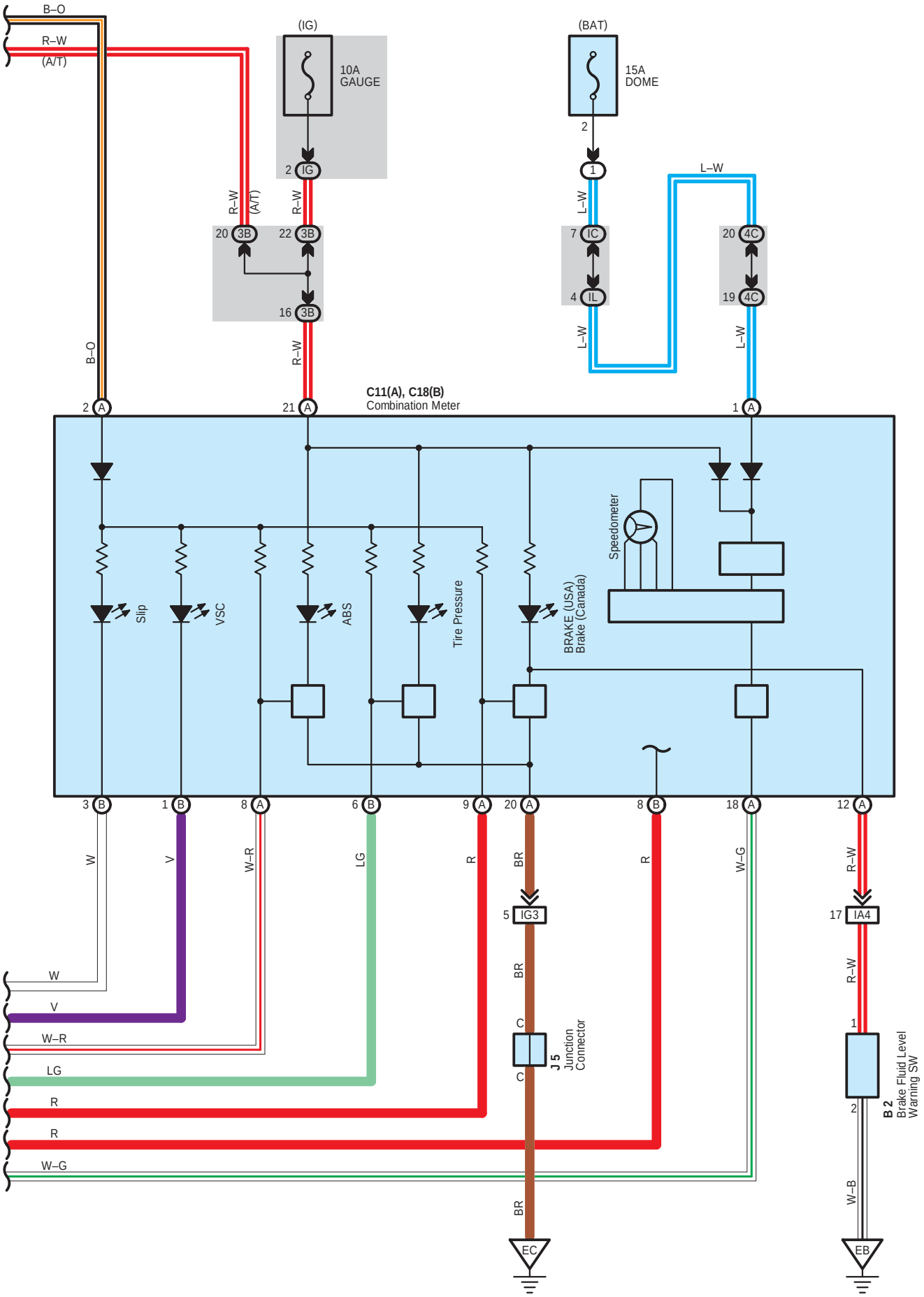

B
5 AM2
IG2 6
ST2
I11
Ignition SW
B–W
5 IL
8 IK
B–O
6 IM
15A AM2
3 IM
B–R
2 IA5
B–R
1
B
1
2
50A ABS NO. 2
1
2
30A MAIN
1
2
100A ALT
1
1
30A ABS NO. 1
2
1 1A
B
FL MAIN
2. 0L
Battery
1
B
1 EB2
B
B
B–R
R
R
2 2 2 2
3 1 ABS MTR Relay
5 2
5 1 ABS MTR CUT Relay
3 2
2 2 2 2
B–W
L
B
R
15 A MR
14 A MRF
45 A R+
S 1(A)
Skid Control ECU with Actuator
+BS
BM
31 A
2 A
B–R


B–O
B–O
A 2
ABS Speed Sensor
Front LH
A 3
ABS Speed Sensor
Front RH
A19
ABS Speed Sensor
Rear LH
A20
ABS Speed Sensor
Rear RH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
S 1(A)
Skid Control ECU with Actuator
GND1
NEO
ENG+
ENG–
TRC+
TRC–
INIT
CSW
Master
Cylinder
Pressure
Sensor
M
GND2
W–B
W–L
R–Y
B–W
L
R–W
W
V–W
T 7
Tire Pressure Warning
Reset SW
T 8
TRAC OFF SW
E 6
Engine Control Module
J 2
Junction
Connector
J 7
Junction
Connector
EA
IE
IG


B–O
B–O
R–W
(A/T)
(BAT)
(IG)
15A
STOP
10A
ECU–IG
9
IF
B–W
B–W
14
IG3
R–W
(A/T)
14
IC
13
IC
B
J3
Junction
Connector
B
R–W
(A/T)
R–W
B–W
2
EB2
L–R
(A/T)
2
EA1
2
P
P1
Park/Neutral
Position SW
6
2
Buzzer
V10
VSC Warning
Buzzer
1
Y–B
L–R
P
S7
Stop Light SW
1
G–W
D
J1
Junction
Connector
D
L–R
(A/T)
15
IA7
3
EB2
14
IA7
B–O
L–R
P
27
A
STP
46
A
IG1
40
A
P
30
A
BZ
13
A
D/G
42
A
WFSE
S 1(A)
Skid Control ECU with Actuator
PKB
SP1
TSI
BRL
WTIR
WA
VSCW
IND
CANH
CANL
TS
28
A
12
A
7
A
44
A
26
A
29
A
36
A
34
A
11
A
25
A
24
A
R–W
W–G
R
R
LG
W–R
V
W
B
W
GR
15
IA4
14
IA6
5
IA4
16
IA4
14
IA4
5
IA6
2
IA7
13
IA7
7
IA7
18
IA7
11
IA6
R–W
W–G
R
R
LG
W–R
V
W
B
W
GR
10
BRK
PKB
D2
Daytime Running
Light Relay
11
R–B
1
P4
Parking Brake SW
GR
W
B
W
V
W–R
LG
R
R
W–G
W–B
W–B


B–O
R–W
(A/T)
B–O
R–W
(A/T)
(BAT)
10A
ECU–B
1 IH
B–W
5 3B
6 3B
B–W
B–W
B–W
L–R
P
4 IA6
L–R
1 3B
2 3B
L–R
P
15
7
WFSE
SIL
TS
CANH
CANL
12
6
14
B
W
D 1
Data Link
Connector 3
B–W
R–B
1
3
IG1
BAT
ESS
CANL
CANH
S12
Steering Sensor
2
9
10
W–B
W
B
E
B
E
B
J13
Junction
Connector
E
B
E
B
W
B
W
B
W
B
B
W
B–W
3
2
5
CANH
CANL
IG
GND
1
Y 1
Yaw Rate Sensor
W–B
GR
W
B
W
V
W–R
LG
R
R
W–G
W–B
W–B
W
V
W–R
LG
R
R
W–G


B–O
R–W
(A/T)
(IG)
10A
GAUGE
(BAT)
15A
DOME
L–W
R–W (A/T)
R–W
B–O
R–W
C11(A), C18(B)
Combination Meter
Speedometer
Slip
VSC
ABS
Tire Pressure
BRAKE (USA)
Brake (Canada)
W
V
W–R
LG
R
R
W–G
BR
R
W–G
R–W
R–W
W–B
J5
Junction
Connector
B2
Brake Fluid Level
Warning SW
EC
EB

System Outline

The vehicle could be in an extreme over steering or under steering tendency due to unexpected accidents, road conditions, vehicle speed, or by other external factors. In such a case, this system automatically controls the engine output and the braking to each wheel, to decrease the extreme over steering and under steering.

* To decrease extreme over steering tendency

When the system determines that the over steering tendency is large, the system applies brakes to the outer wheels according to the degree of over steering, and crates a moment towards the outer side of the vehicle, to decrease the tendency of over steering. Also, when the brakes are applied, the vehicle speed decreases while the stability increases.

* To decrease extreme under steering tendency

When the system determines that the under steering tendency is large, the system applies brakes to the front or rear wheels according to the degree of under steering, to decrease the tendency of under steering.

* TRAC OFF SW

TRAC OFF SW is only for two–wheel drive models. Four–wheel drive models is needless this SW.

The SW to send the traction control system into OFF mode. When the SW is pushed after starting the engine, the system will be in OFF mode, and the TRAC OFF indicator light will turn on. When the SW is pushed again, the system will be in standby mode. When the engine is stopped and re–started, regardless of the TRAC OFF SW, the system will be in standby mode.

Information to the driver

The VSC system informs the driver when the tire grip is about to exceed its grip capacity, by blinking the slip indicator light and emiting an intermittent sound of the buzzer. Accordingly, the driver is informed to drive more gently.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A2	34	E6	36	P4	37
A3	34	I11	37	S1 A	35
A19	38	J1	35	S7	37
A20	38	J2	37	S12	37
B2	34	J3	37	T7	37
C11 A	36	J5	37	T8	37
C18 B	36	J7	37	V10	37
D1	36	J13	37	Y1	37
D2	36	P1	35		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	23	Engine Room R/B (Engine Compartment Left)
2	31	ABS R/B (Near the Front Left Suspension Tower)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	25	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IF	25	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IG		
IH		
IK	24	
IL		
IM		
1A	23	Engine Wire and Engine Room J/B (Engine Compartment Left)
3A	29	Instrument Panel Wire and RH J/B (Right Side of the Instrument Panel Reinforcement)
3B		
4B	32	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
4C		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	40	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B)
EB2	40	Engine Room Main Wire and Engine Room Main Wire (Front Right Suspension Tower)
IA4	42	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Reinforcement LH)
IA5		
IA6		
IA7		
IB1	42	Engine Room Main Wire and Floor Wire (Cowl Side Panel LH)
IG3	43	Engine Wire and Instrument Panel Wire (Blower Unit RH)
BD1	44	Skid Control Sensor Wire LH and Floor Wire (Quarter Wheel House LH)
BE1	44	Skid Control Sensor Wire RH and Floor Wire (Quarter Wheel House RH)

: Ground Points

Code	See Page	Ground Points Location
EA	40	Front Right Fender
EB	40	Front Left Suspension Tower
EC	40	Left Side of the Cylinder Head
IE	42	Behind Combination Meter
IG	42	Right Kick Panel