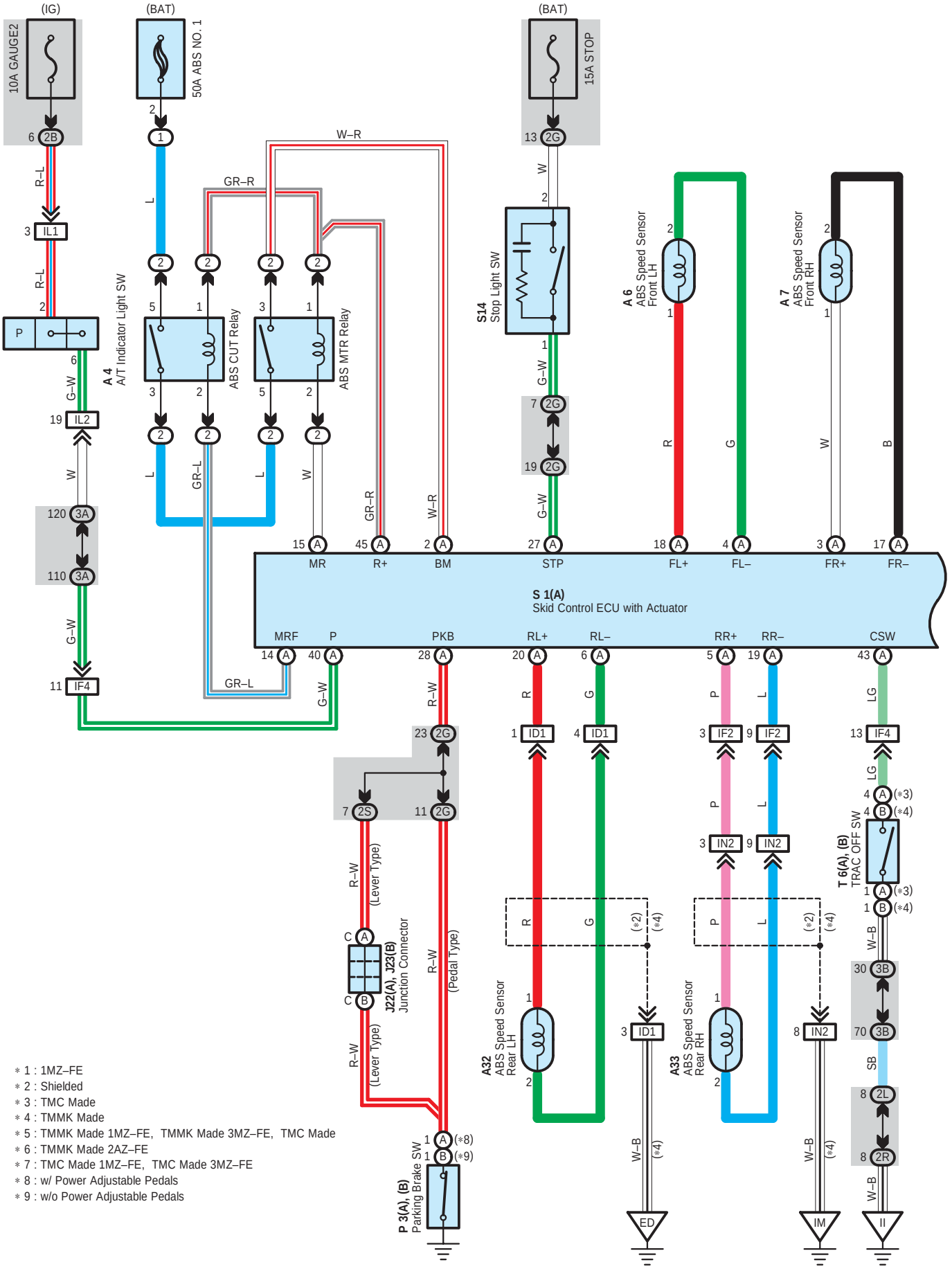
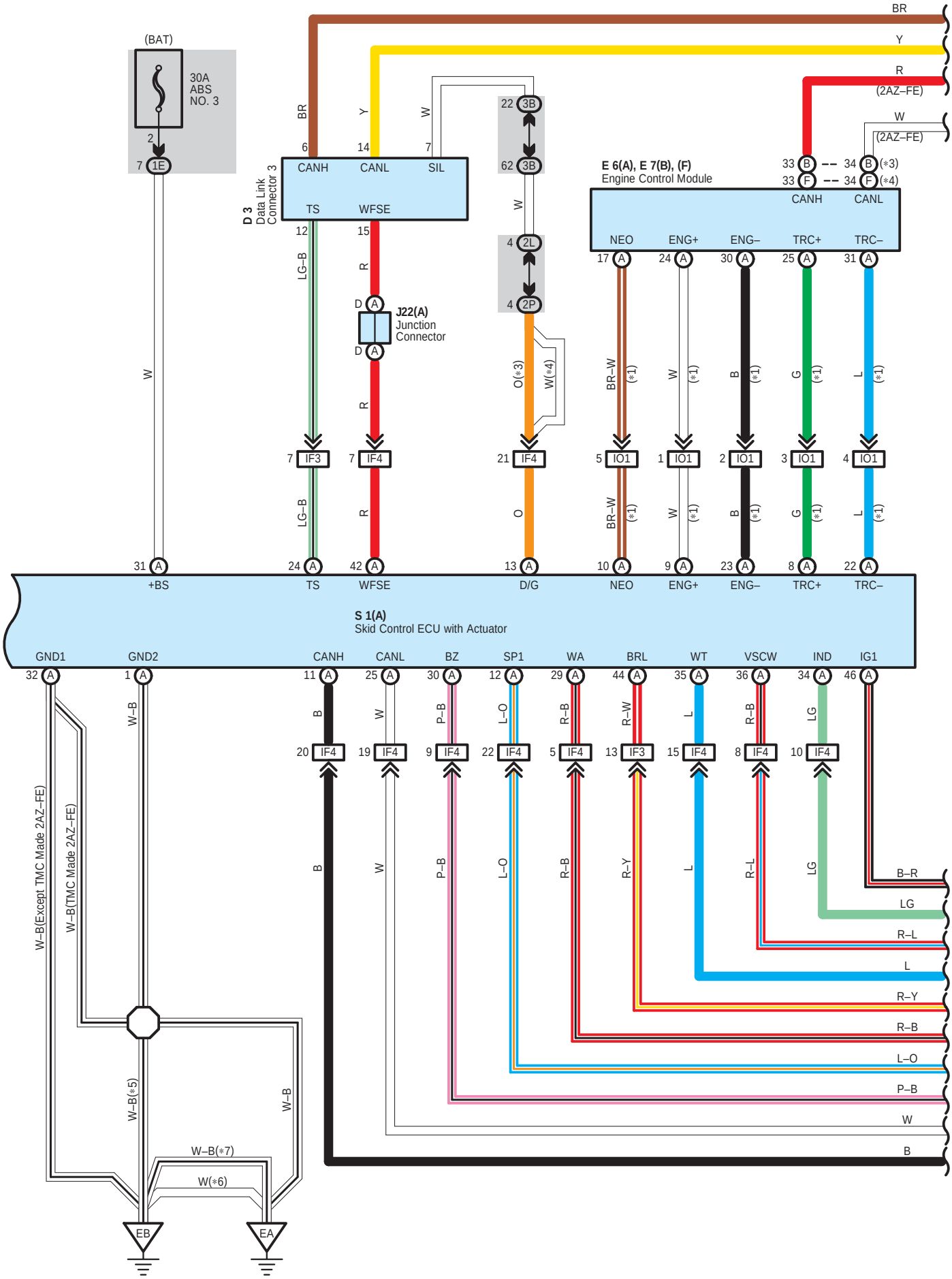
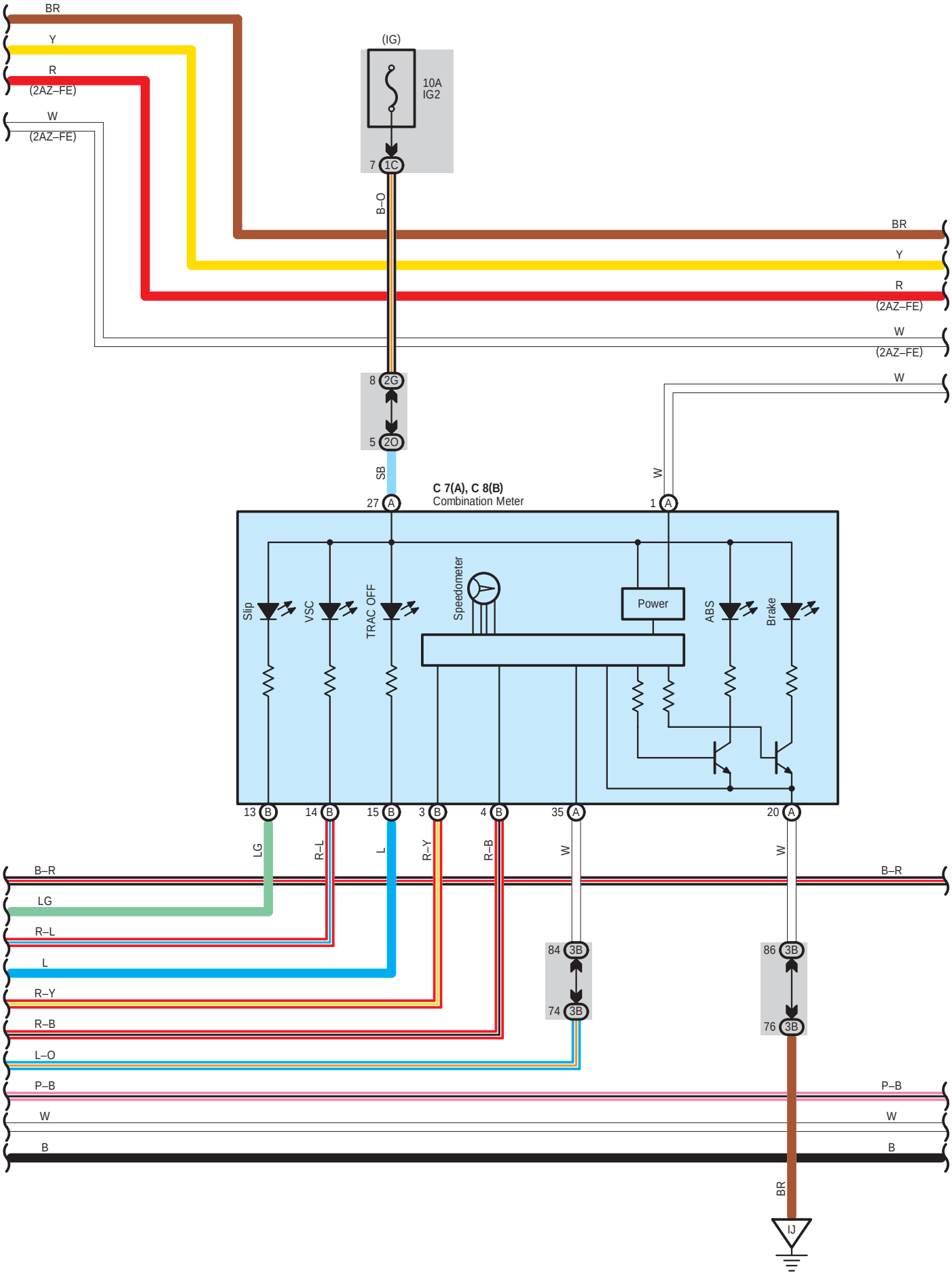
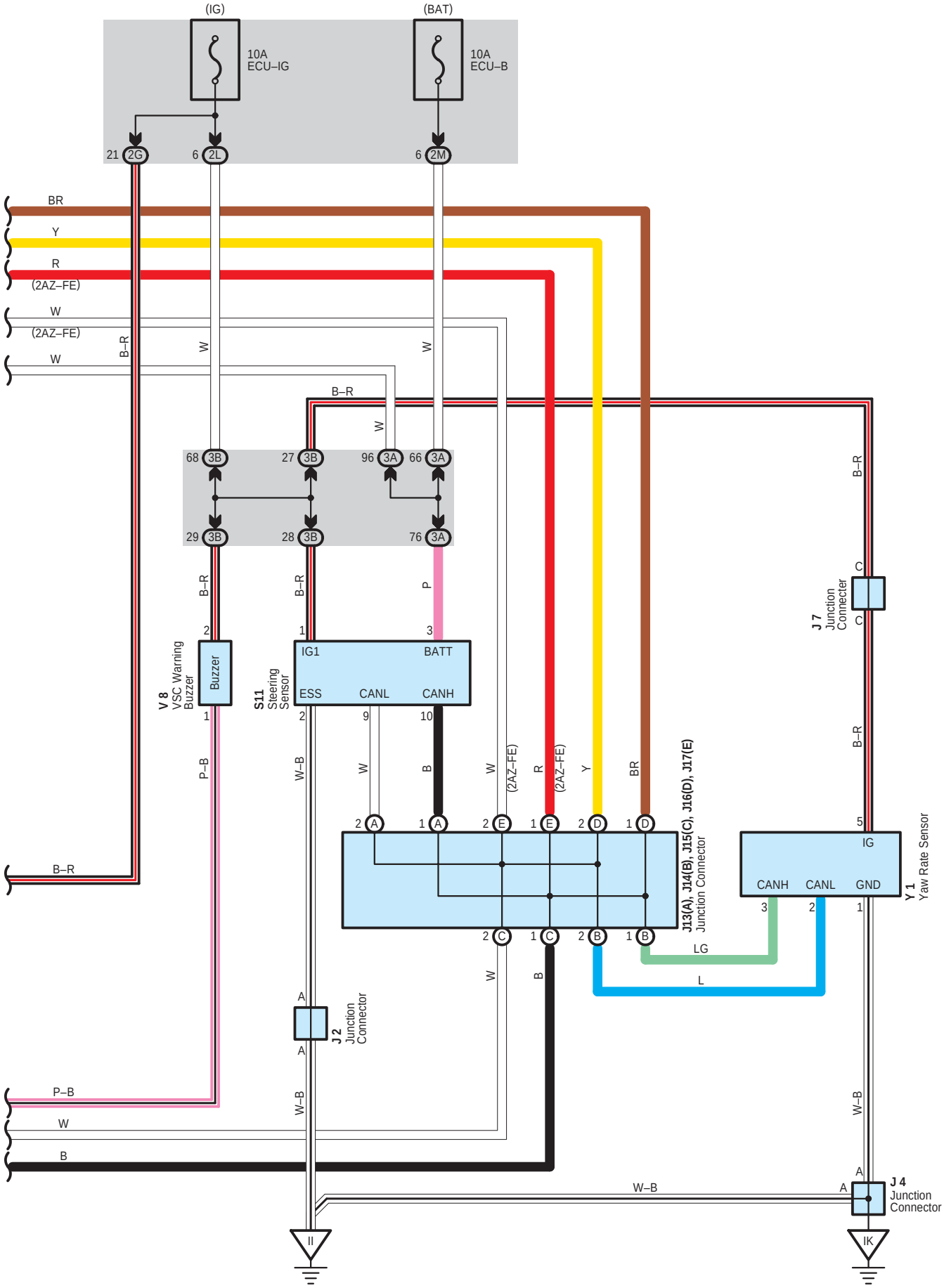


∗ 1 : 1MZ–FE
∗ 2 : Shielded
∗ 3 : TMC Made
∗ 4 : TMMK Made
∗ 5 : TMMK Made 1MZ–FE, TMMK Made 3MZ–FE, TMC Made
∗ 6 : TMMK Made 2AZ–FE
∗ 7 : TMC Made 1MZ–FE, TMC Made 3MZ–FE
∗ 8 : w/ Power Adjustable Pedals
∗ 9 : w/o Power Adjustable Pedals


(BAT)
30A
ABS
NO. 3
2
7 1E
W
31 A
+BS
D 3
Data Link
Connector 3
6 BR
14 Y
7 W
CANH
CANL
SIL
TS
WFSE
12 LG–B
15 R
D A
J22(A)
Junction
Connector
D A
R
7 IF3
LG–B
24 A
TS
7 IF4
R
42 A
WFSE
22 3B
62 3B
W
4 2L
4 2P
O(*3)
W(*4)
21 IF4
O
13 A
D/G
BR
Y
R
(2AZ–FE)
W
(2AZ–FE)
33 B -- 34 B (*3)
33 F -- 34 F (*4)
E 6(A), E 7(B), (F)
Engine Control Module
CANH
CANL
NEO
ENG+
ENG–
TRC+
TRC–
17 A
24 A
30 A
25 A
31 A
BR–W (*1)
W (*1)
B (*1)
G (*1)
L (*1)
5 IO1
1 IO1
2 IO1
3 IO1
4 IO1
BR–W (*1)
W (*1)
B (*1)
G (*1)
L (*1)
10 A
NEO
9 A
ENG+
23 A
ENG–
8 A
TRC+
22 A
TRC–
S 1(A)
Skid Control ECU with Actuator
GND1
GND2
CANH
CANL
BZ
SP1
WA
BRL
WT
VSCW
IND
IG1
32 A
1 A
11 A
25 A
30 A
12 A
29 A
44 A
35 A
36 A
34 A
46 A
W–B(Except TMC Made 2AZ–FE)
W–B(TMC Made 2AZ–FE)
W–B
B
W
P–B
L–O
R–B
R–W
L
R–L
LG
20 IF4
19 IF4
9 IF4
22 IF4
5 IF4
13 IF3
15 IF4
8 IF4
10 IF4
B
W
P–B
L–O
R–B
R–Y
L
R–L
LG
B–R
LG
R–L
L
R–Y
R–B
L–O
P–B
W
B
W–B(*5)
W–B
W–B(*7)
W(*6)
EB
EA


BR
Y
R
(2AZ–FE)
W
(2AZ–FE)
(IG)
10A
IG2
7 1C
B–O
BR
Y
R
(2AZ–FE)
W
(2AZ–FE)
8 2G
5 2O
SB
W
C 7(A), C 8(B)
Combination Meter
27 A
1 A
Slip
VSC
TRAC OFF
Speedometer
Power
ABS
Brake
13 B
14 B
15 B
3 B
4 B
35 A
20 A
LG
R–L
L
R–Y
R–B
W
W
B–R
B–R
LG
R–L
L
R–Y
R–B
L–O
84 3B
74 3B
86 3B
76 3B
P–B
W
B
P–B
W
B
BR
IJ


(IG)
(BAT)
10A
ECU–IG
10A
ECU–B
21 2G
6 2L
6 2M
BR
Y
R
(2AZ–FE)
W
(2AZ–FE)
W
B–R
W
W
B–R
W
68 3B
27 3B
96 3A
66 3A
29 3B
28 3B
76 3A
B–R
B–R
P
B–R
C
J 7
Junction
Connecter
C
B–R
2
1
3
V 8
VSC Warning
Buzzer
Buzzer
S11
Steering
Sensor
IG1
BATT
ESS
CANL
CANH
1
2
9
10
P–B
W–B
W
B
W
(2AZ–FE)
R
(2AZ–FE)
Y
BR
2 A
1 A
2 E
1 E
2 D
1 D
J13(A), J14(B), J15(C), J16(D), J17(E)
Junction Connector
5
IG
CANH
CANL
GND
3
2
1
Y 1
Yaw Rate Sensor
B–R
2 C
1 C
2 B
1 B
LG
L
W
B
A
A
J 2
Junction
Connector
P–B
W
B
W–B
W–B
A
A
J 4
Junction
Connector
II
IK

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

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
A4	38 (*1)	E7 B	42	P3 A	43
	40 (*2)	E7 F	42	P3 B	43
A6	38 (*1)	J2	43	S1 A	39 (*1)
	40 (*2)	J4	43		41 (*2)
A7	38 (*1)	J7	43	S11	43
	40 (*2)	J13 A	36, 43	S14	43
A32	44	J14 B	36, 43	T6 A	43
A33	44	J15 C	36, 43	T6 B	43
C7 A	42	J16 D	36, 43	V8	43
C8 B	42	J17 E	36, 43	Y1	43
D3	42	J22 A	43		
E6 A	42	J23 B	43		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Left)
2	23	ABS R/B (Radiator Side Support LH)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1E		
2B	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2G	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2L	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2M		
2O		
2P		
2R		
2S		
3A	34	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH)
3B		

* 1 : 1MZ–FE, 3MZ–FE * 2 : 2AZ–FE * 3 : w/ Power Seat * 4 : w/o Power Seat

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	50	Engine Room Main Wire and Floor Wire (Left Side of Driver Side J/B)
IF2	50	Engine Room Main Wire and Instrument Panel Wire (Right Side of Steering Column Tube)
IF3		
IF4		
IL1	51	Engine Wire and Instrument Panel Wire (Behind the Glove Box)
IL2		
IN2	51	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
IO1	51	Engine Room Main Wire and Engine Room Main Wire (Right Side of the Instrument Panel)

: Ground Points

Code	See Page	Ground Points Location
EA	48 (*1)	Right Fender
	49 (*2)	
EB	48 (*1)	
	49 (*2)	
ED	48 (*1)	Left Fender
	49 (*2)	
II	50	Cowl Side Panel LH
IJ	50	Instrument Panel Brace LH
IK		
IM	50	Instrument Panel Reinforcement RH

* 1 : 1MZ–FE, 3MZ–FE * 2 : 2AZ–FE * 3 : w/ Power Seat * 4 : w/o Power Seat