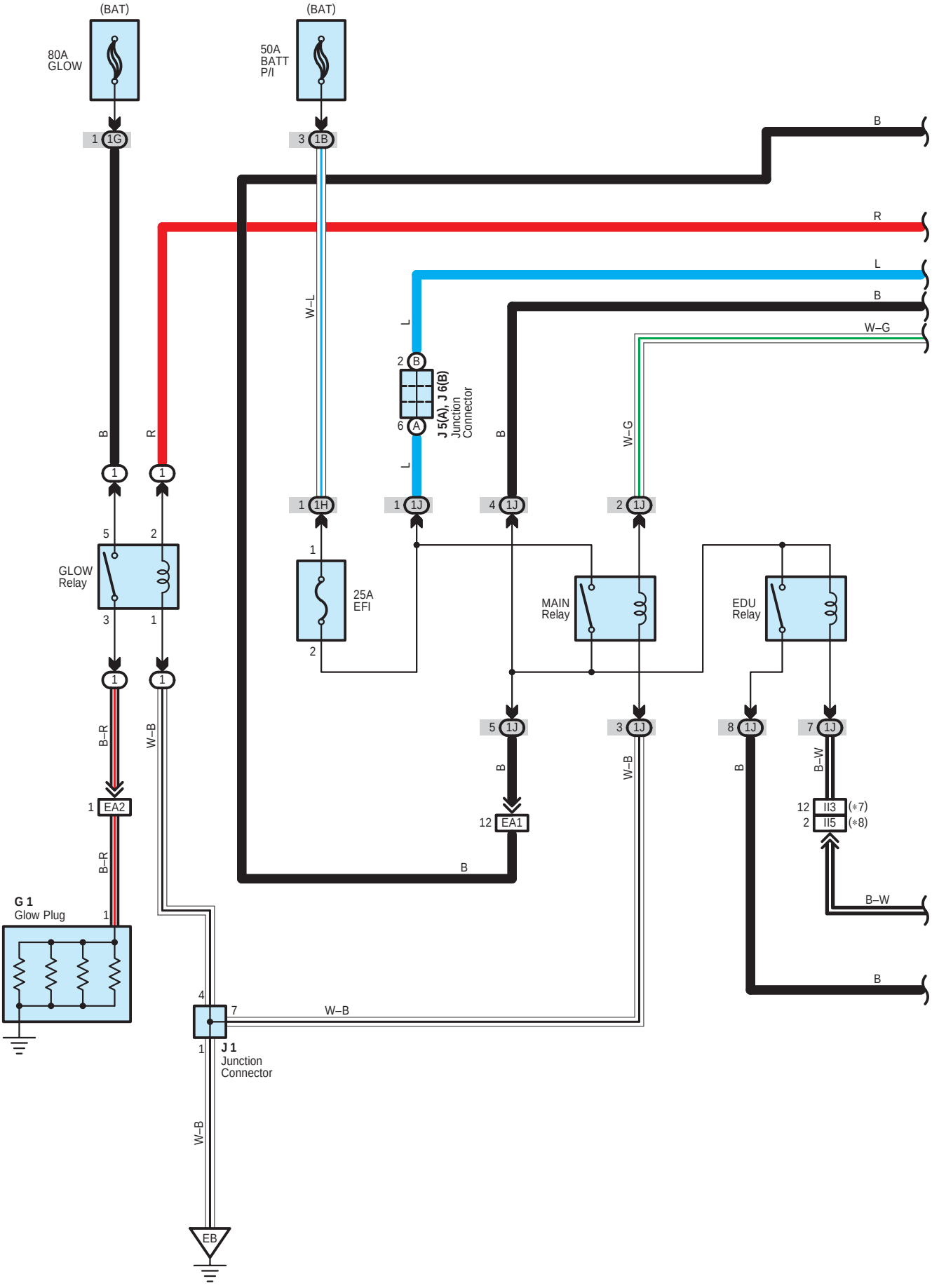
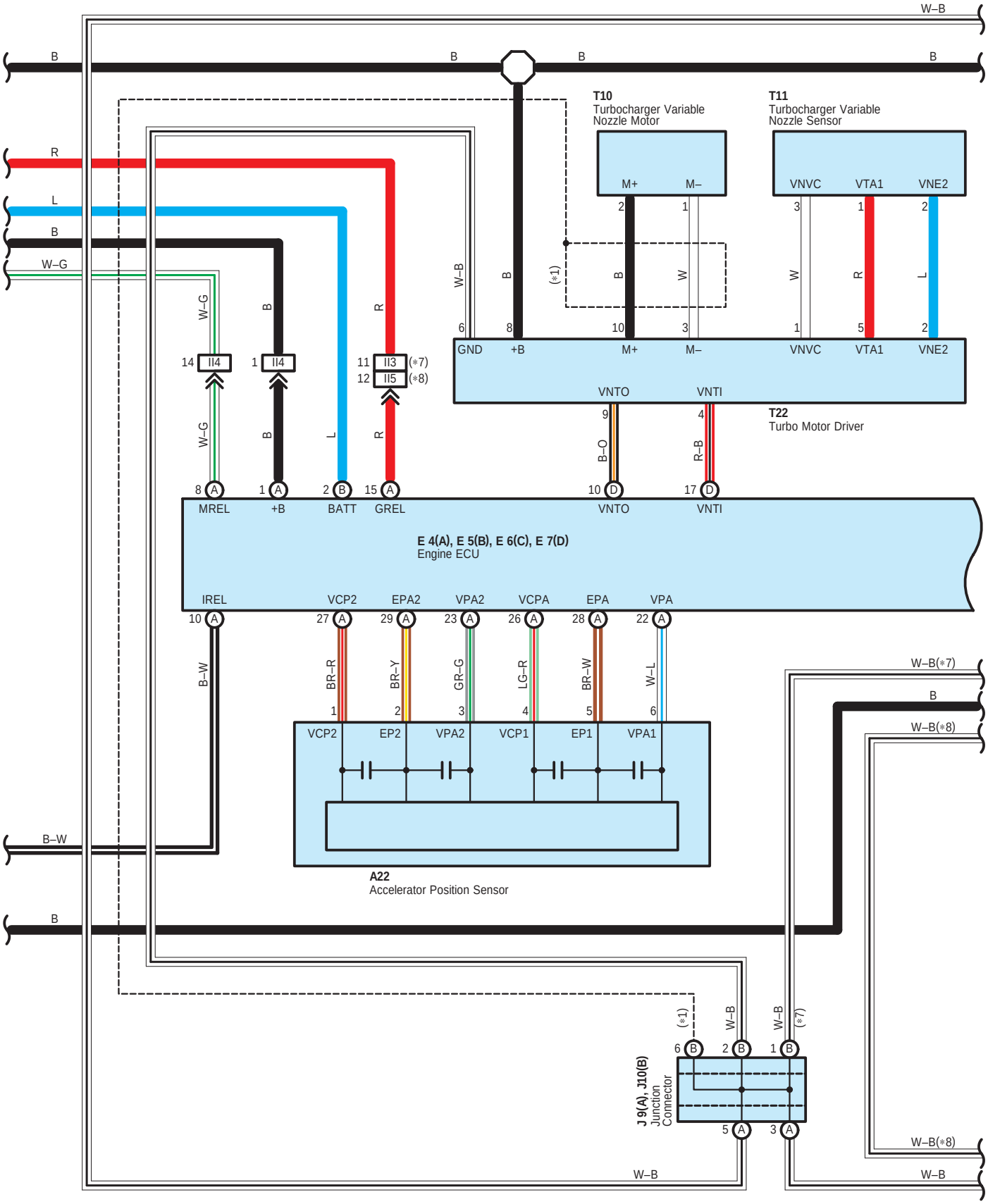
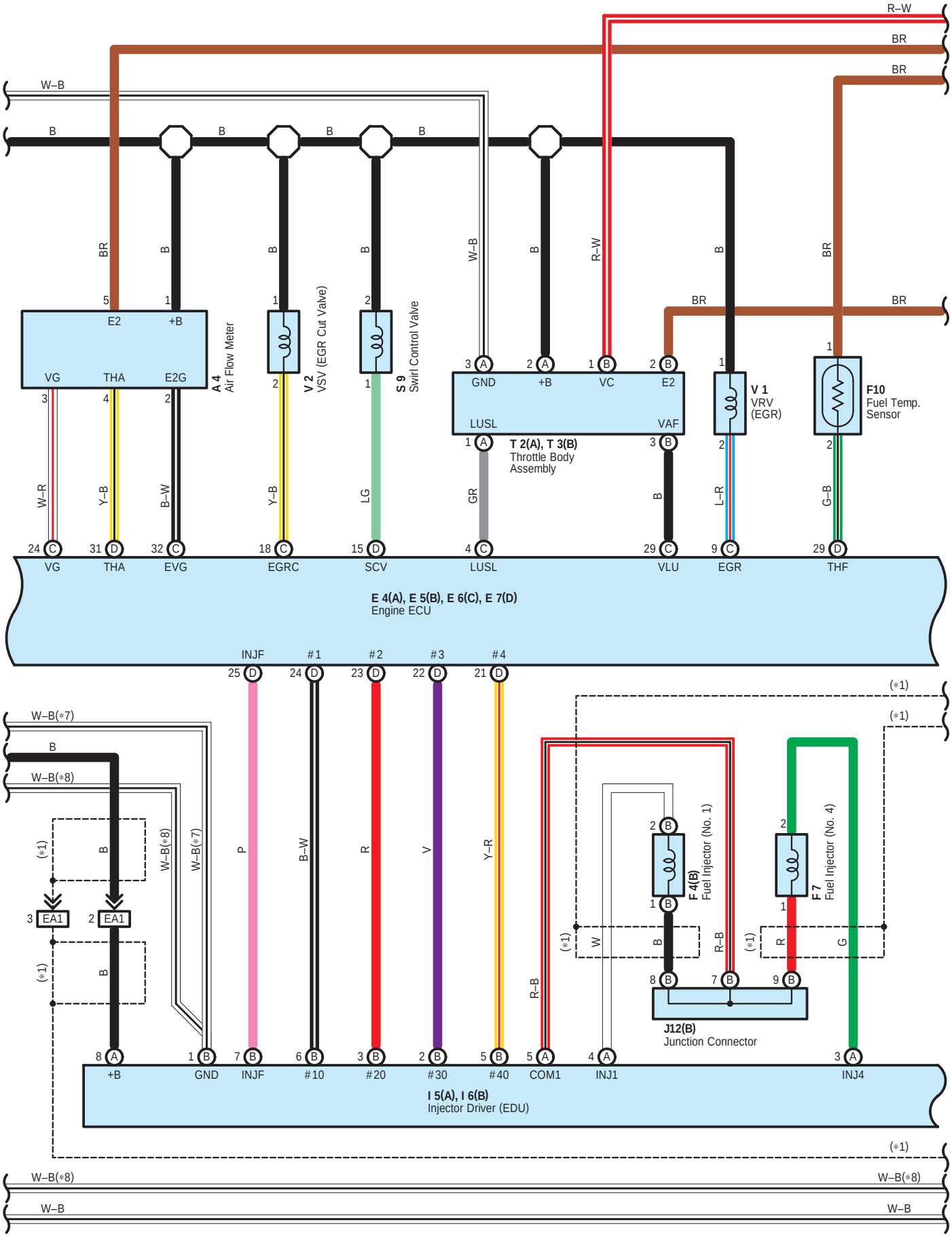
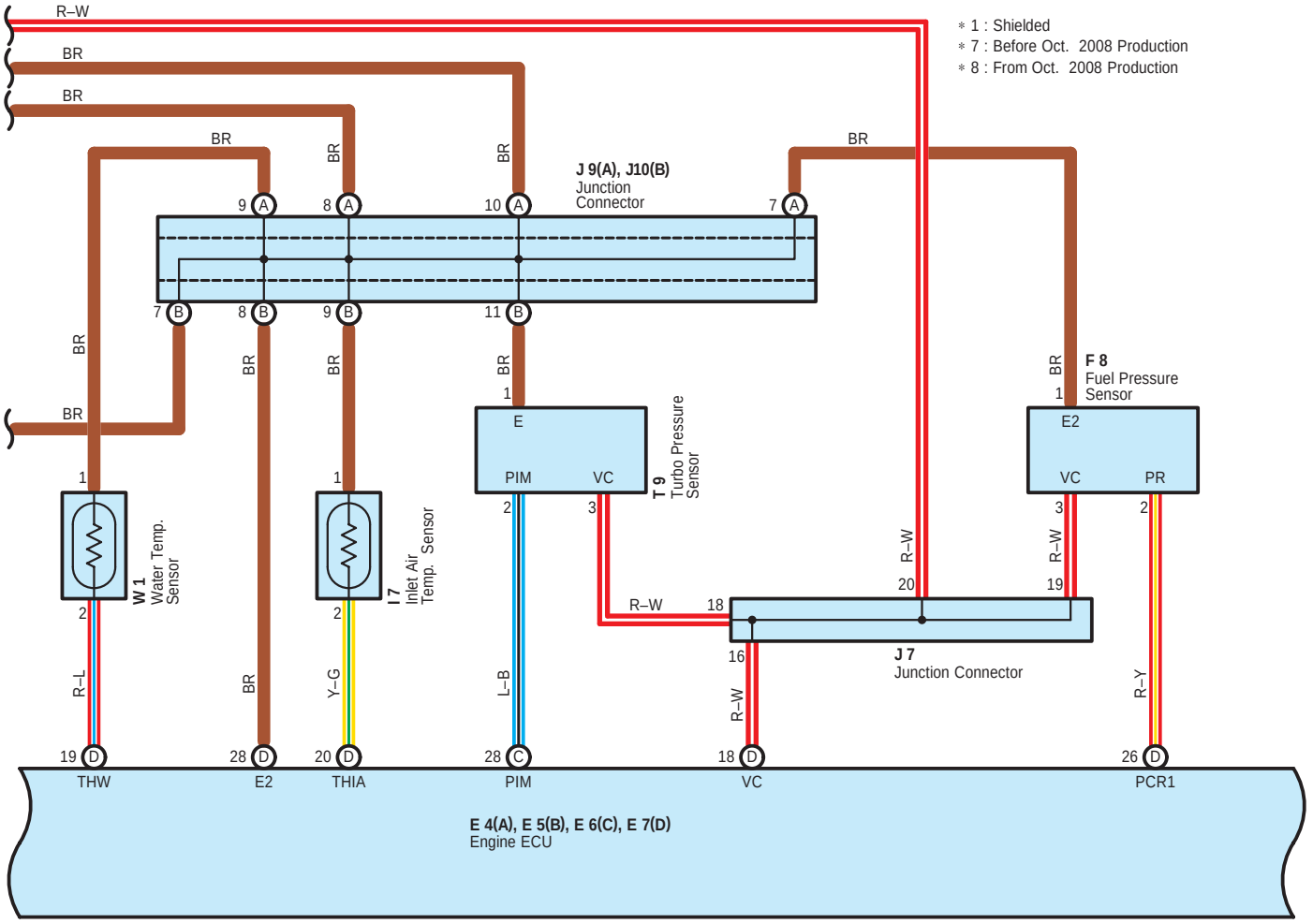
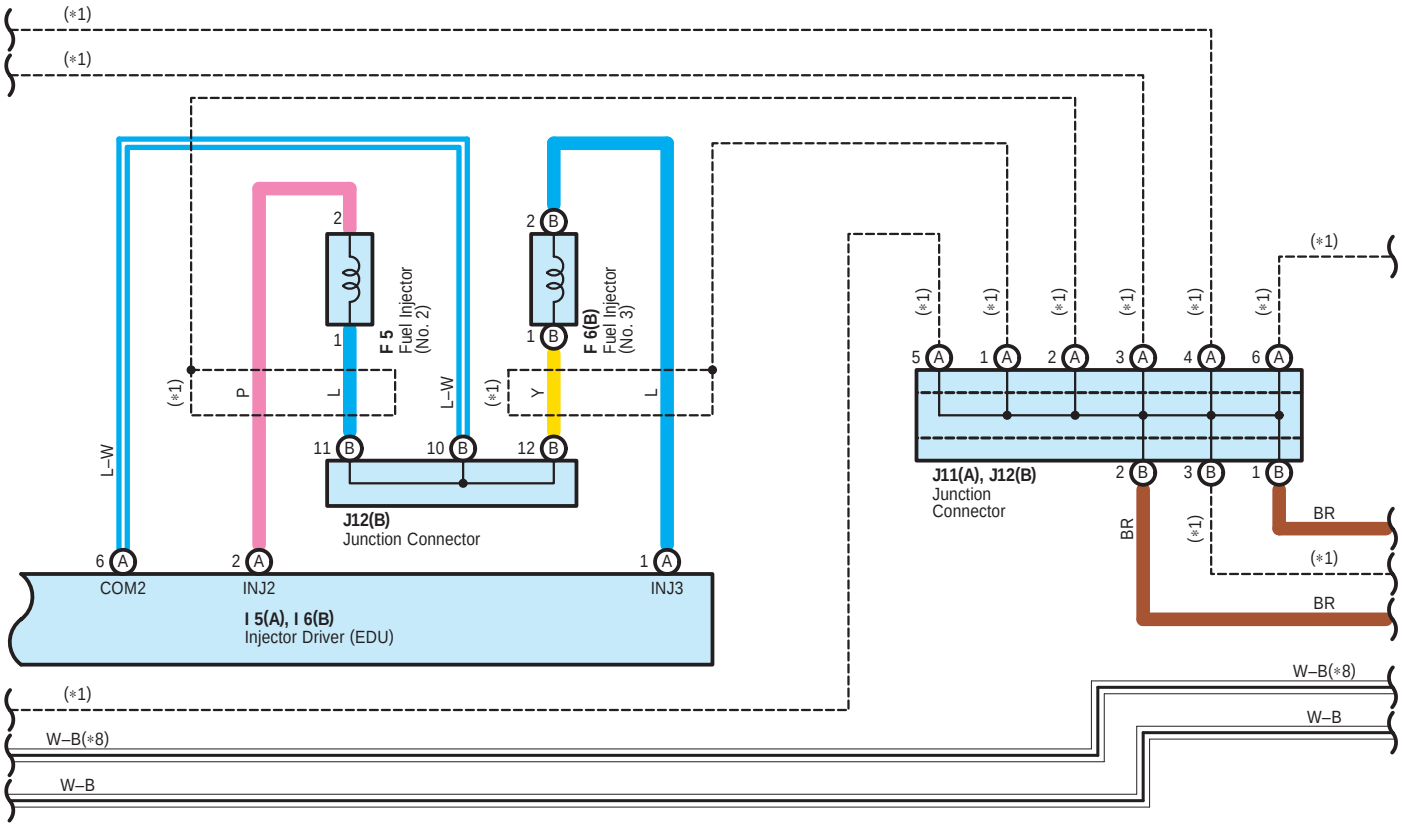

(BAT)
80A
GLOW
(BAT)
50A
BATT
P/I
1 1G
3 1B
B
R
L
B
W–G
W–L
2 B
6 A
J 5(A), J 6(B)
Junction
Connector
L
B
W–G
1 1H
1 1J
4 1J
2 1J
1
25A
EFI
2
MAIN
Relay
EDU
Relay
B
R
1
1
5
2
GLOW
Relay
3
1
1
1
B–R
W–B
1 EA2
B–R
G 1
Glow Plug
1
5 1J
3 1J
8 1J
7 1J
B
W–B
B
B–W
12 EA1
12 II3 (*7)
2 II5 (*8)
B–W
B
B
4
7
W–B
1
J 1
Junction
Connector
W–B
EB

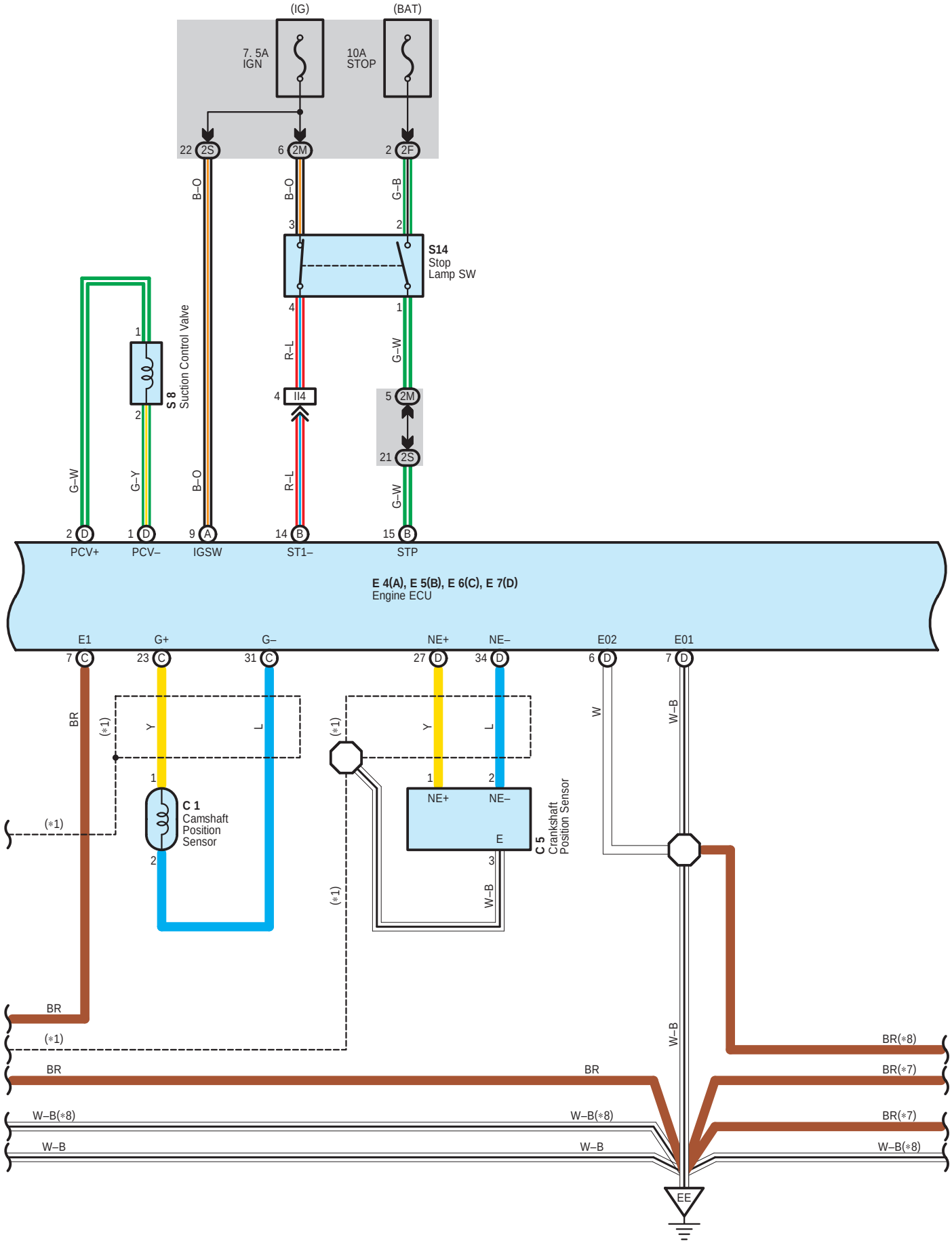
∗ 1 : Shielded
∗ 7 : Before Oct. 2008 Production
∗ 8 : From Oct. 2008 Production

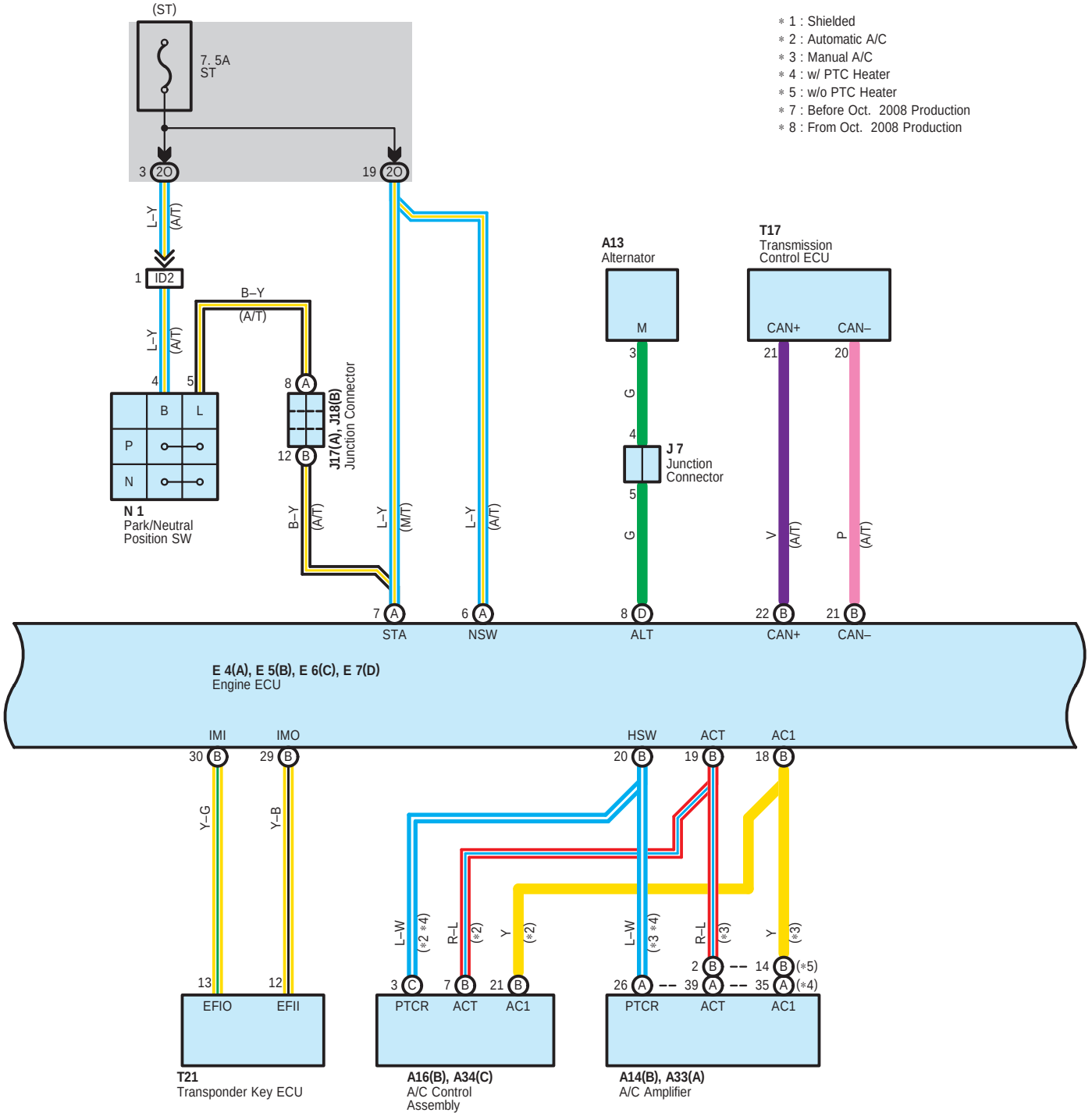


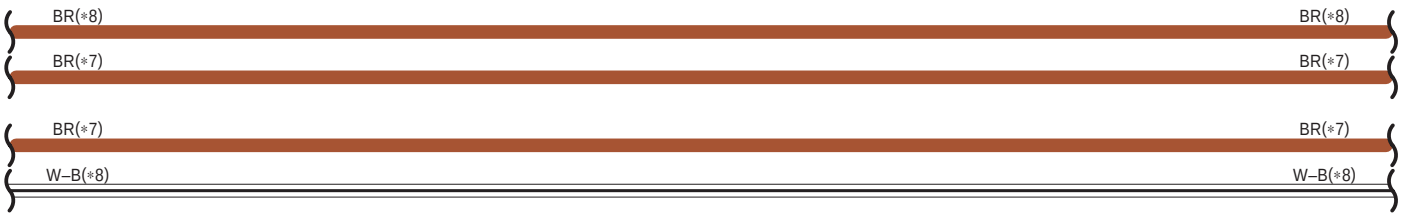

R–W
BR
BR
W–B
B
B
B
B
BR
B
B
B
W–B
B
R–W
B
BR
BR
BR
5
1
E2
+B
A 4
Air Flow Meter
VG
THA
E2G
3
4
2
1
2
V 2
VSV (EGR Cut Valve)
1
2
S 9
Swirl Control Valve
3 A
GND
2 A
+B
1 B
VC
2 B
E2
LUSL
VAF
1 A
T 2(A), T 3(B)
Throttle Body
Assembly
3 B
1
V 1
VRV
(EGR)
2
1
F10
Fuel Temp.
Sensor
2
W–R
Y–B
B–W
Y–B
LG
GR
B
L–R
G–B
24 C
VG
31 D
THA
32 C
EVG
18 C
EGRC
15 D
SCV
4 C
LUSL
29 C
VLU
9 C
EGR
29 D
THF
E 4(A), E 5(B), E 6(C), E 7(D)
Engine ECU
INJF
#1
#2
#3
#4
25 D
24 D
23 D
22 D
21 D
(*1)
(*1)
W–B(*7)
B
W–B(*8)
(*1)
B
W–B(*8)
W–B(*7)
3 EA1
2 EA1
(*1)
B
P
B–W
R
V
Y–R
R–B
2 B
F 4(B)
Fuel Injector (No. 1)
1 B
(*1)
W
B
R–B
8 B
7 B
2
F 7
Fuel Injector (No. 4)
1
(*1)
R
G
9 B
J12(B)
Junction Connector
8 A
+B
1 B
GND
7 B
INJF
6 B
#10
3 B
#20
2 B
#30
5 B
#40
5 A
COM1
4 A
INJ1
3 A
INJ4
I 5(A), I 6(B)
Injector Driver (EDU)
(*1)
W–B(*8)
W–B(*8)
W–B
W–B

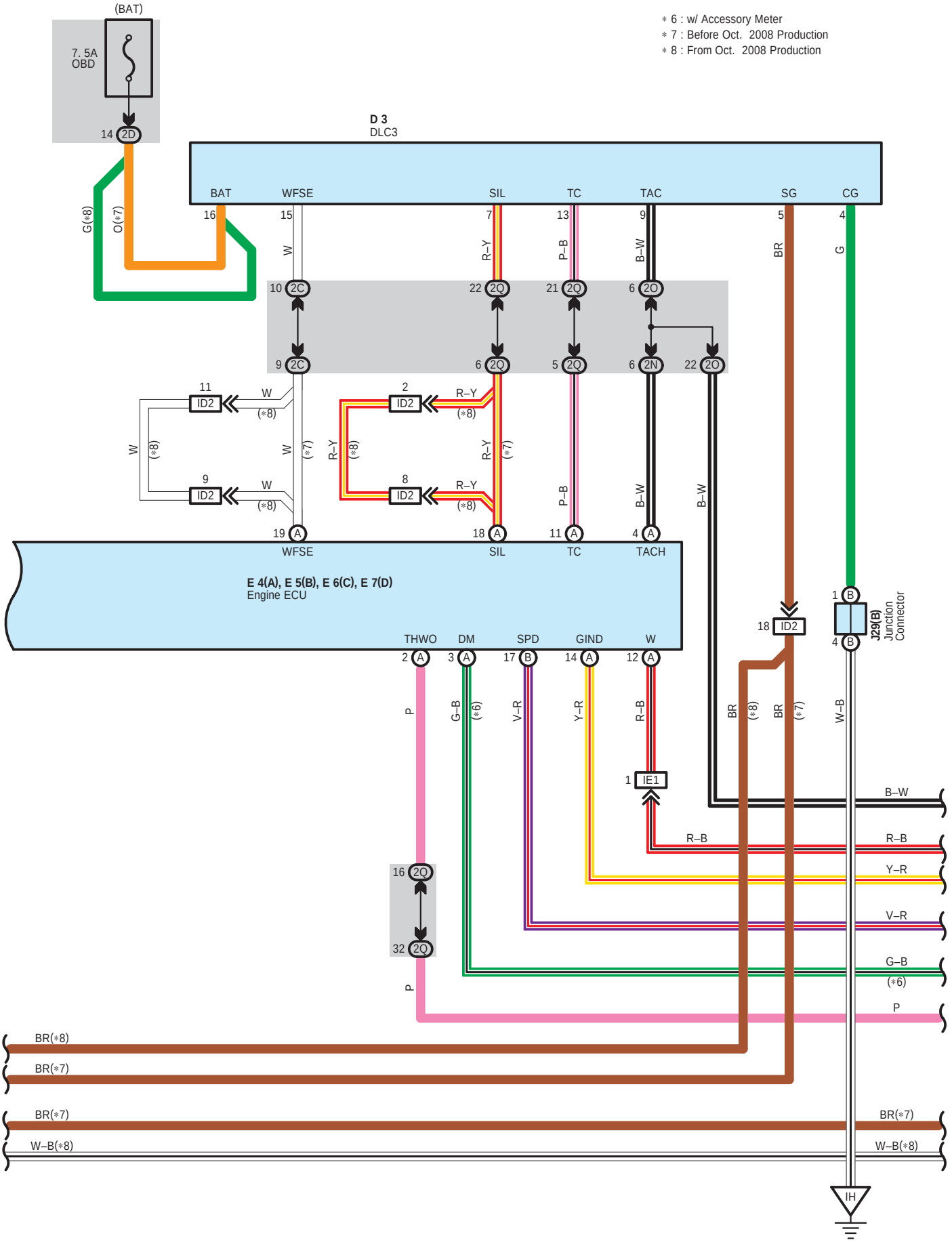

∗ 1 : Shielded
∗ 7 : Before Oct. 2008 Production
∗ 8 : From Oct. 2008 Production
J 9(A), J10(B)
Junction
Connector
W 1
Water Temp.
Sensor
I 7
Inlet Air
Temp. Sensor
T 9
Turbo Pressure
Sensor
F 8
Fuel Pressure
Sensor
J 7
Junction Connector
THW
E2
THIA
PIM
VC
PCR1
E 4(A), E 5(B), E 6(C), E 7(D)
Engine ECU

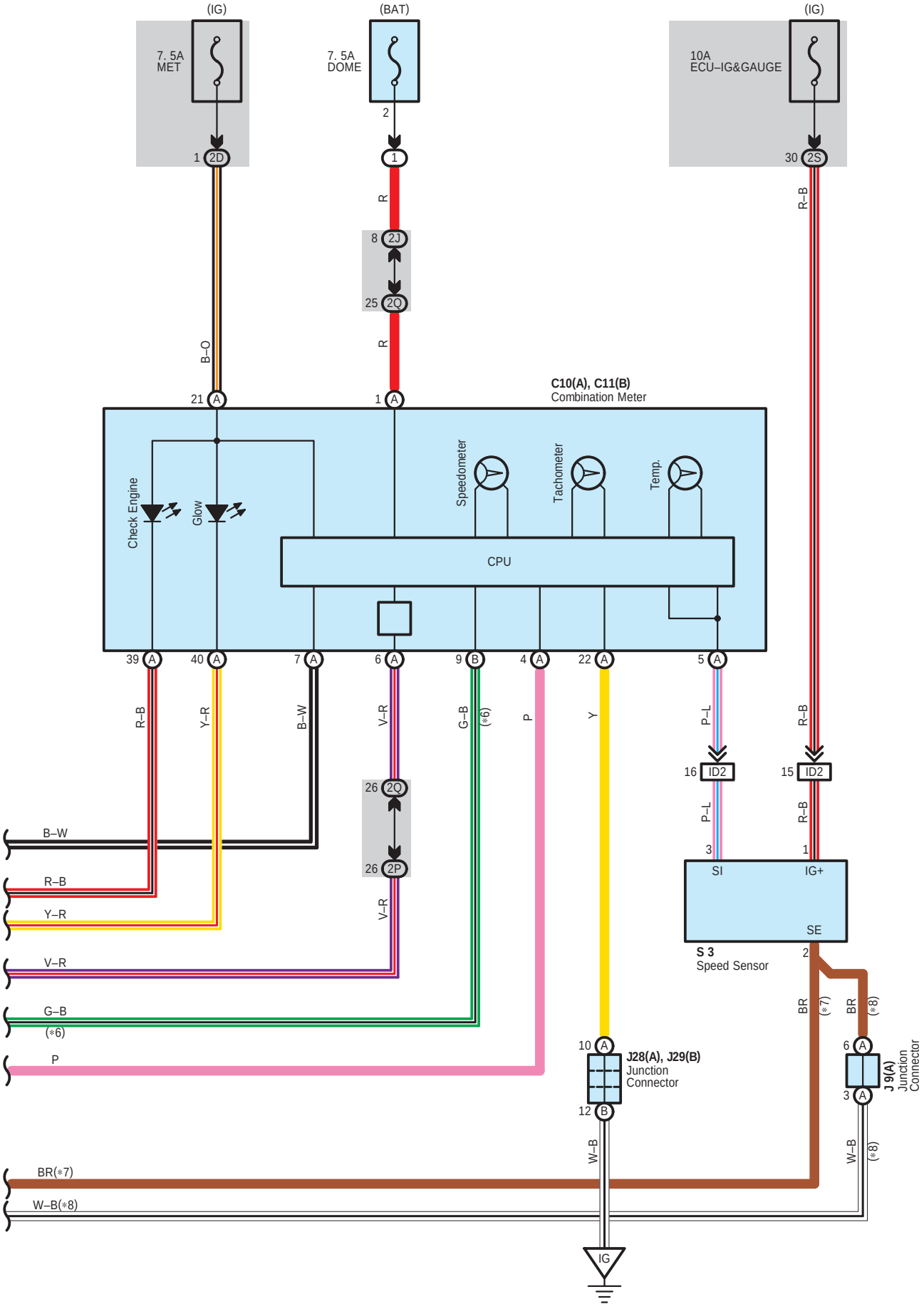

F 5
Fuel Injector
(No. 2)
F 6(B)
Fuel Injector
(No. 3)
J12(B)
Junction Connector
J11(A), J12(B)
Junction
Connector
COM2
INJ2
INJ3
I 5(A), I 6(B)
Injector Driver (EDU)
W–B(∗8)
W–B


(IG)
(BAT)
7. 5A
IGN
10A
STOP
22 2S
6 2M
2 2F
B–O
B–O
G–B
3
2
S14
Stop
Lamp SW
4
1
R–L
G–W
4 II4
5 2M
21 2S
S 8
Suction Control Valve
G–W
G–Y
B–O
R–L
G–W
2 D
1 D
9 A
14 B
15 B
PCV+
PCV–
IGSW
ST1–
STP
E 4(A), E 5(B), E 6(C), E 7(D)
Engine ECU
E1
G+
G–
NE+
NE–
E02
E01
7 C
23 C
31 C
27 D
34 D
6 D
7 D
BR
(*1)
Y
L
W
W–B
C 1
Camshaft
Position
Sensor
C 5
Crankshaft
Position Sensor
NE+
NE–
E
W–B
BR
BR(*8)
BR(*7)
W–B(*8)
W–B
EE

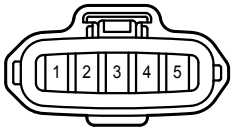

(ST)
7. 5A
ST
3 2O
19 2O
L–Y (A/T)
1 ID2
B–Y (A/T)
L–Y (A/T)
4 5
B L
P
N
N 1
Park/Neutral
Position SW
8 A
12 B
J17(A), J18(B)
Junction Connector
B–Y (A/T)
L–Y (M/T)
L–Y (A/T)
7 A STA
6 A NSW
A13
Alternator
M
3
G
4
J 7
Junction
Connector
5
G
8 D ALT
T17
Transmission
Control ECU
CAN+ CAN–
21 20
V (A/T)
P (A/T)
22 B CAN+
21 B CAN–
∗1 : Shielded
∗2 : Automatic A/C
∗3 : Manual A/C
∗4 : w/ PTC Heater
∗5 : w/o PTC Heater
∗7 : Before Oct. 2008 Production
∗8 : From Oct. 2008 Production
E 4(A), E 5(B), E 6(C), E 7(D)
Engine ECU
IMI IMO
30 B 29 B
Y–G Y–B
13 12
EFIO EFII
T21
Transponder Key ECU
HSW ACT AC1
20 B 19 B 18 B
L–W (∗2 ∗4)
R–L (∗2)
Y (∗2)
3 C 7 B 21 B
PTCR ACT AC1
A16(B), A34(C)
A/C Control
Assembly
L–W (∗3 ∗4)
R–L (∗3)
Y (∗3)
2 B 14 B (∗5)
26 A 39 A 35 A (∗4)
PTCR ACT AC1
A14(B), A33(A)
A/C Amplifier


BR(∗8)
BR(∗8)
BR(∗7)
BR(∗7)
BR(∗7)
BR(∗7)
W–B(∗8)
W–B(∗8)


(BAT)
7. 5A
OBD
14 2D
∗ 6 : w/ Accessory Meter
∗ 7 : Before Oct. 2008 Production
∗ 8 : From Oct. 2008 Production
D 3
DLC3
BAT
WFSE
SIL
TC
TAC
SG
CG
16
15
7
13
9
5
4
G(∗8)
O(∗7)
W
R–Y
P–B
B–W
BR
G
10 2C
22 2Q
21 2Q
6 2O
9 2C
6 2Q
5 2Q
6 2N
22 2O
11 ID2
9 ID2
2 ID2
8 ID2
W
(∗8)
(∗7)
R–Y
19 A
18 A
11 A
4 A
WFSE
SIL
TC
TACH
E 4(A), E 5(B), E 6(C), E 7(D)
Engine ECU
THWO
DM
SPD
GIND
W
2 A
3 A
17 B
14 A
12 A
P
G–B
V–R
Y–R
R–B
BR
W–B
1 IE1
18 ID2
1 B
4 B
J29(B)
Junction
Connector
B–W
R–B
Y–R
V–R
G–B
(∗6)
P
16 2Q
32 2Q
BR(∗8)
BR(∗7)
W–B(∗8)
IH


(IG)
7. 5A
MET
1 2D
(BAT)
7. 5A
DOME
2
1
(IG)
10A
ECU–IG&GAUGE
30 2S
R
8 2J
25 2Q
R
R–B
B–O
21 A
1 A
C10(A), C11(B)
Combination Meter
Check Engine
Glow
Speedometer
Tachometer
Temp.
CPU
39 A
40 A
7 A
6 A
9 B
4 A
22 A
5 A
R–B
Y–R
B–W
V–R
G–B
(*6)
P
Y
P–L
16 ID2
15 ID2
R–B
26 2Q
26 2P
V–R
B–W
R–B
Y–R
V–R
G–B
(*6)
P
3
1
SI
IG+
SE
2
S 3
Speed Sensor
BR
(*7)
BR
(*8)
10 A
12 B
J28(A), J29(B)
Junction
Connector
6 A
3 A
J 9(A)
Junction
Connector
W–B
W–B
(*8)
BR(*7)
W–B(*8)
IG

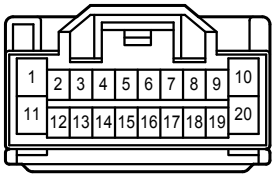
A 4
Black



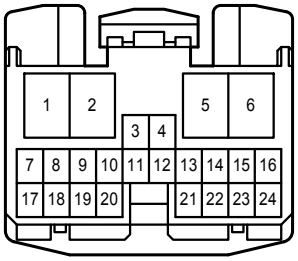

A 13
Black



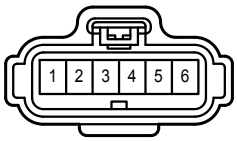

A 14
White



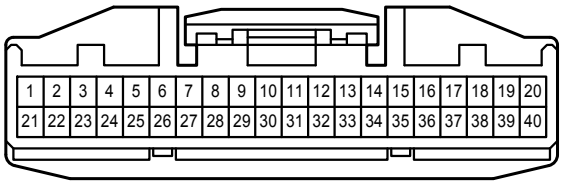

A 16
White



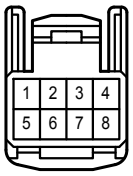

A 22
Black




A 33
White




A 34
White



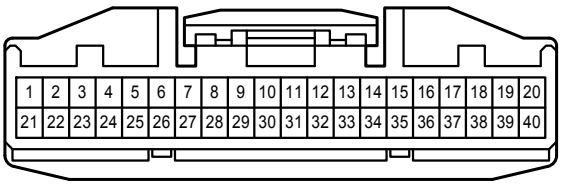

C 1
Black



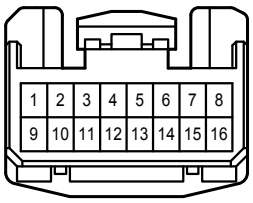

C 5
Gray



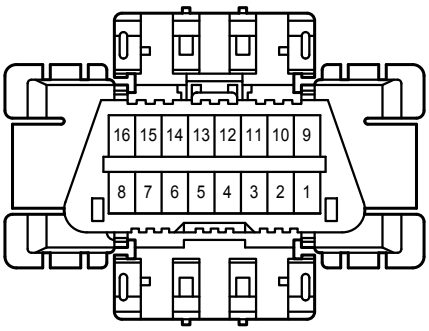

C 10
White



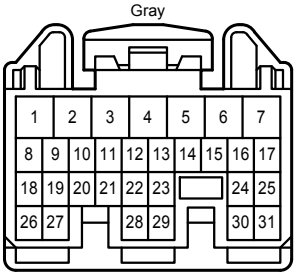

C 11
White



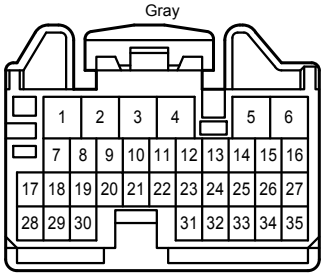

D 3
White



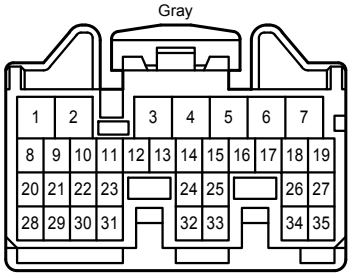

E 4
Gray



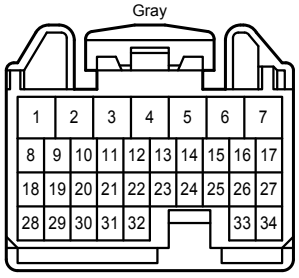

E 5
Gray



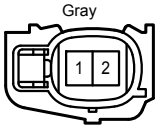

E 6
Gray




E 7
Gray

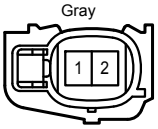



F 4
Gray

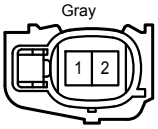



(1KD-FTV)

F 5
Gray

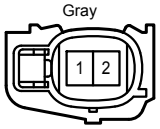



F 6
Gray

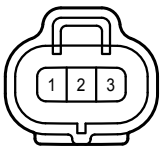



(1KD-FTV)

F 7
Gray



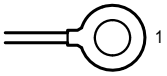

F 8
Black



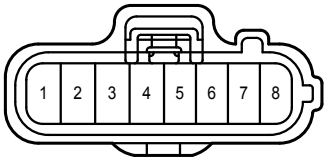
F 10
Dark Gray



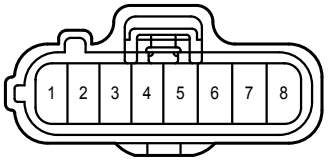

G 1




I 5
Black



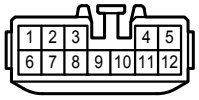

I 6
Dark Gray



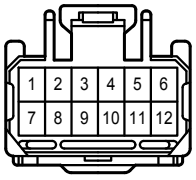

I 7
Dark Gray



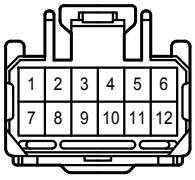

J 1
White



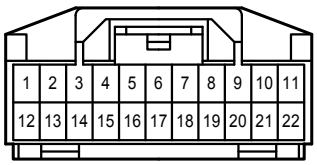

J 5
Black



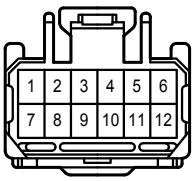

J 6
White



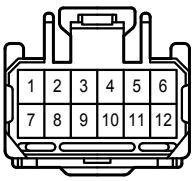

J 7
White



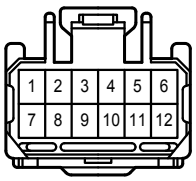

J 9
Blue



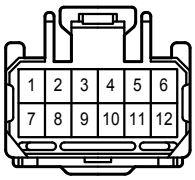

J 10
Blue



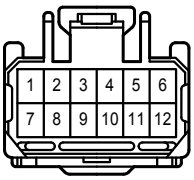

J 11
White



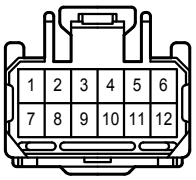

J 12
White



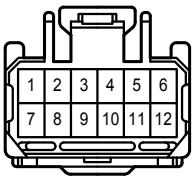

J 17
White



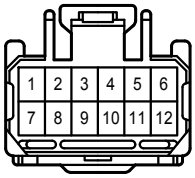

J 18
White



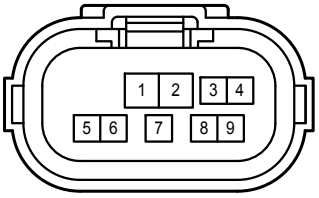

J 28
White




J 29
White




N 1
Gray



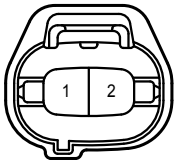

S 3
Black



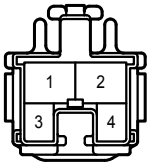

S 8
Gray




S 9
Gray




S 14
White



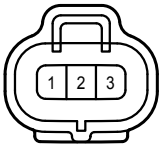

T 2
Black



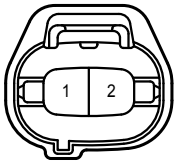

T 3
Black



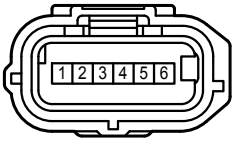

T 9
Black



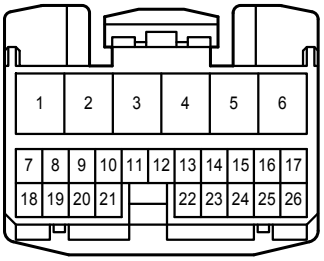
T 10
Black



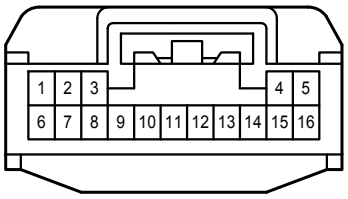

T 11
Black



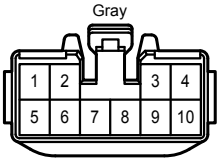

T 17
White




T 21
White



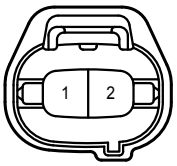

T 22
Gray




V 1
Black



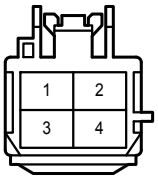

V 2
Brown



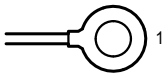

W 1
Black




1B
White



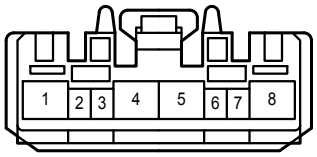

1G



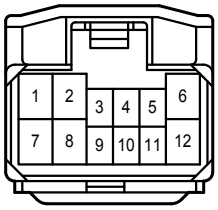

1H
White



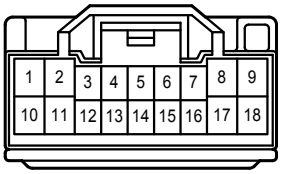

1J
White



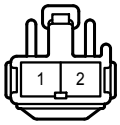

2C
White



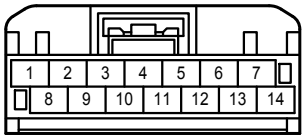

2D
White



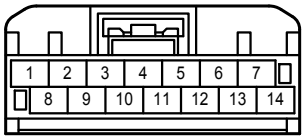

2F
White



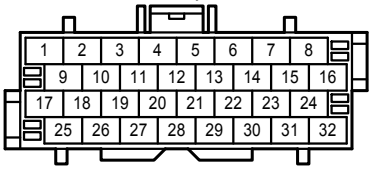

2J
White



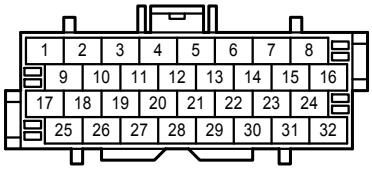

2M
White



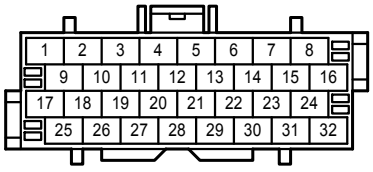

2N
Gray



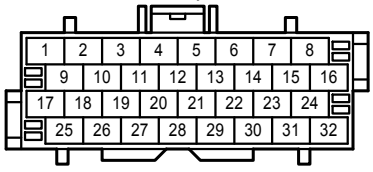

2O
White



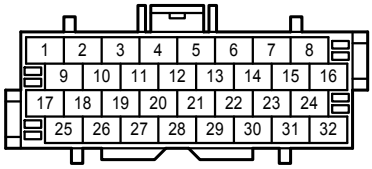

2P
White



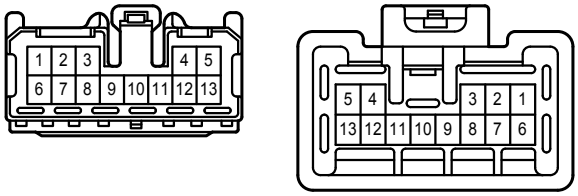

2Q
Gray



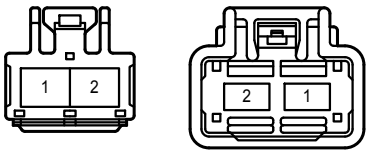
2S
White



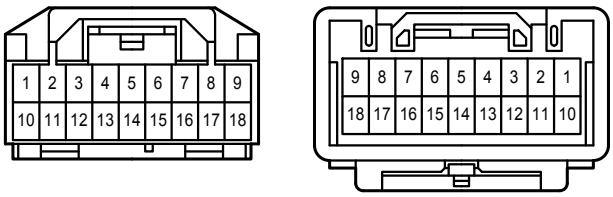

EA1
White



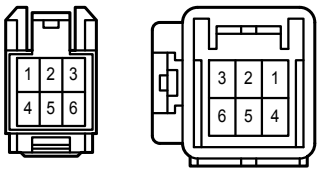

EA2
White



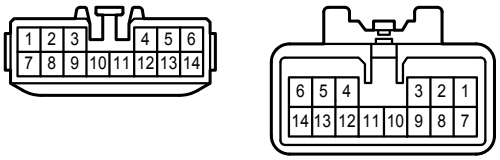

ID2
White




IE1
White

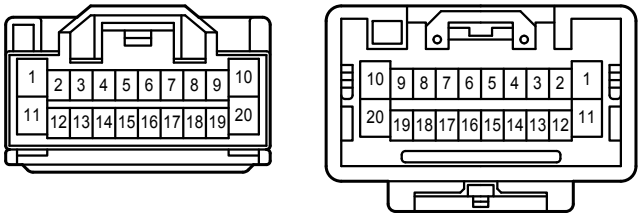



II3
White

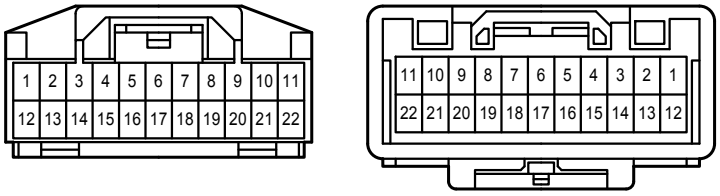



(Before Oct. 2008 Production)

II4
White




II5
Gray




(From Oct. 2008 Production)