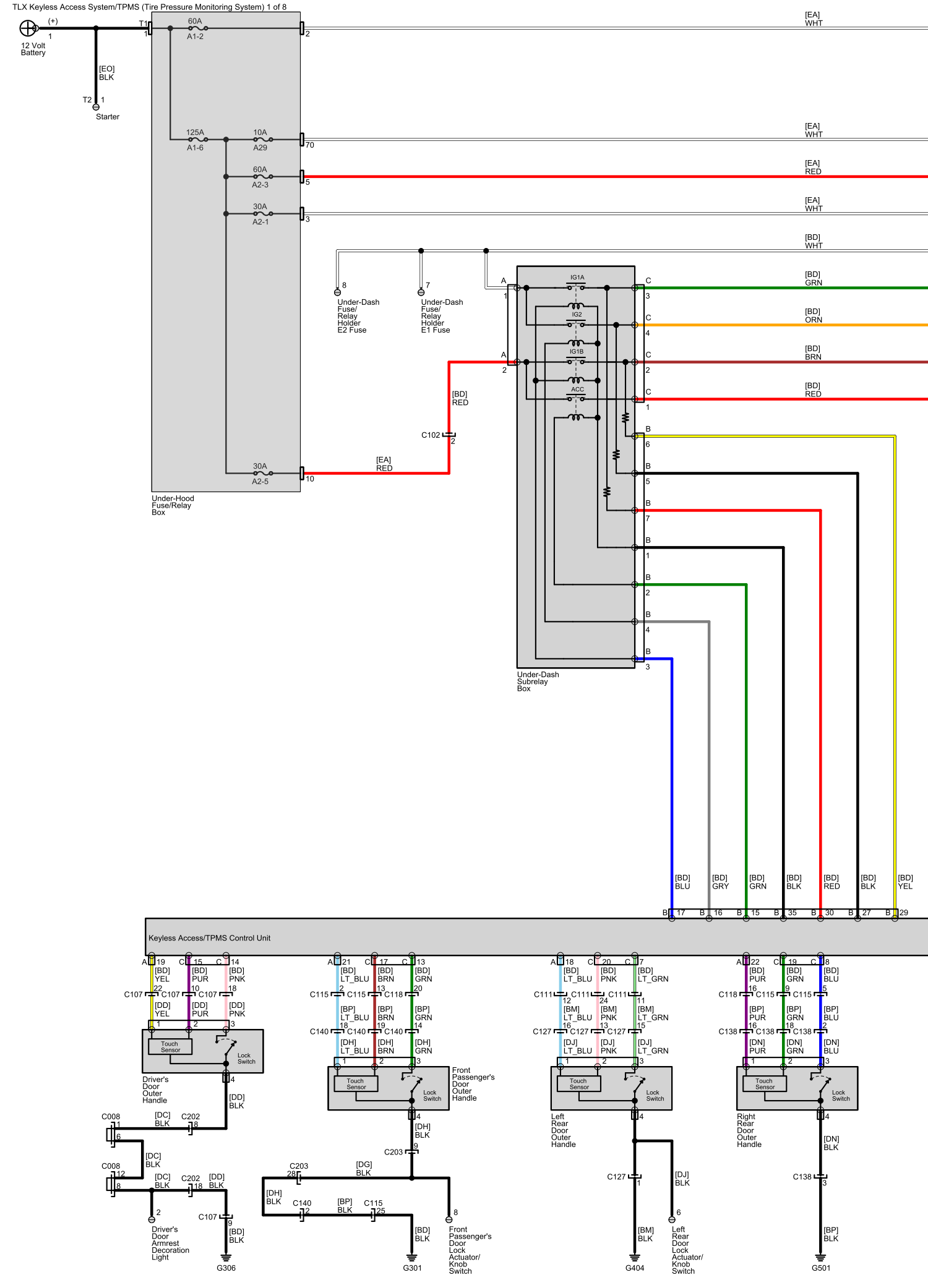
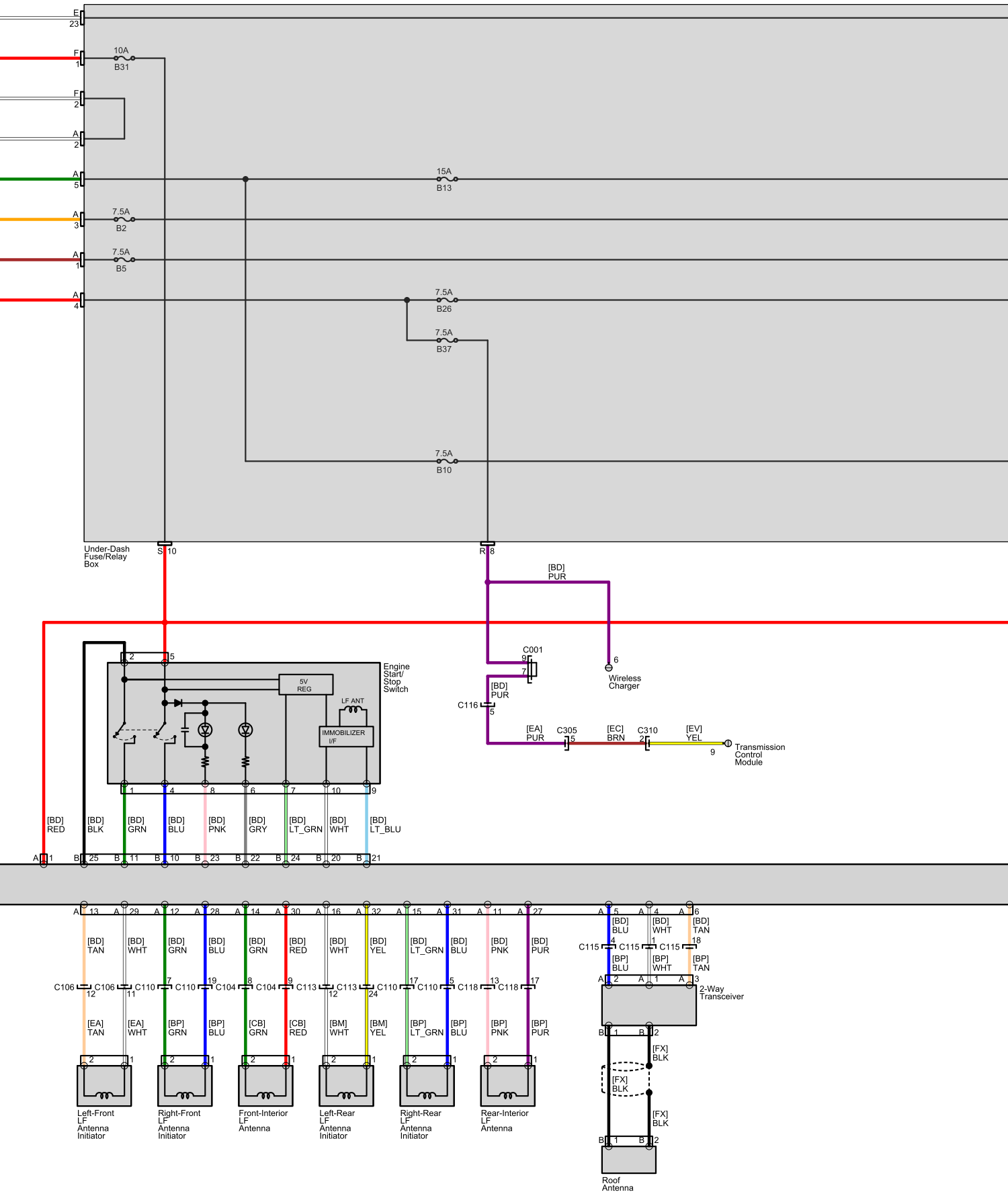
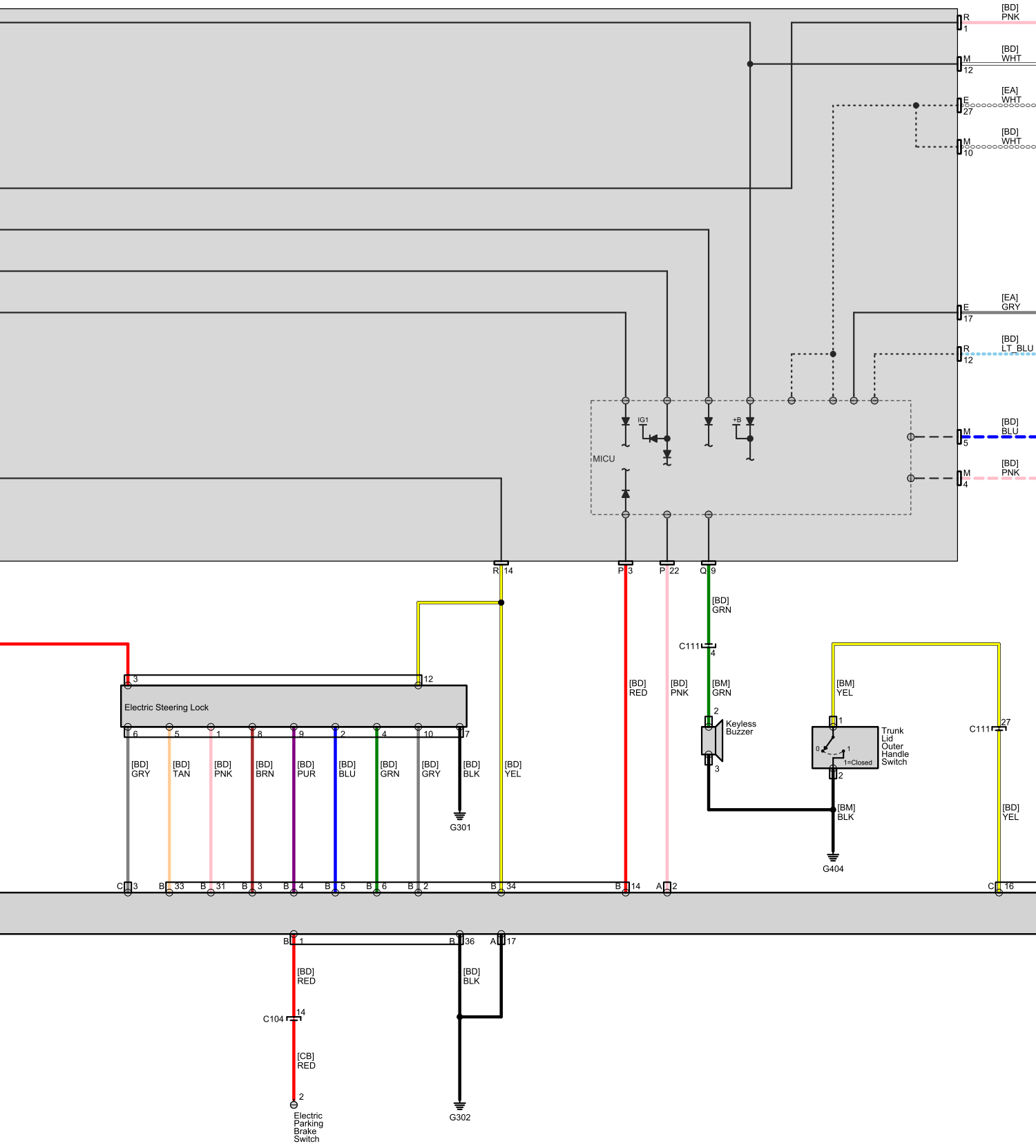
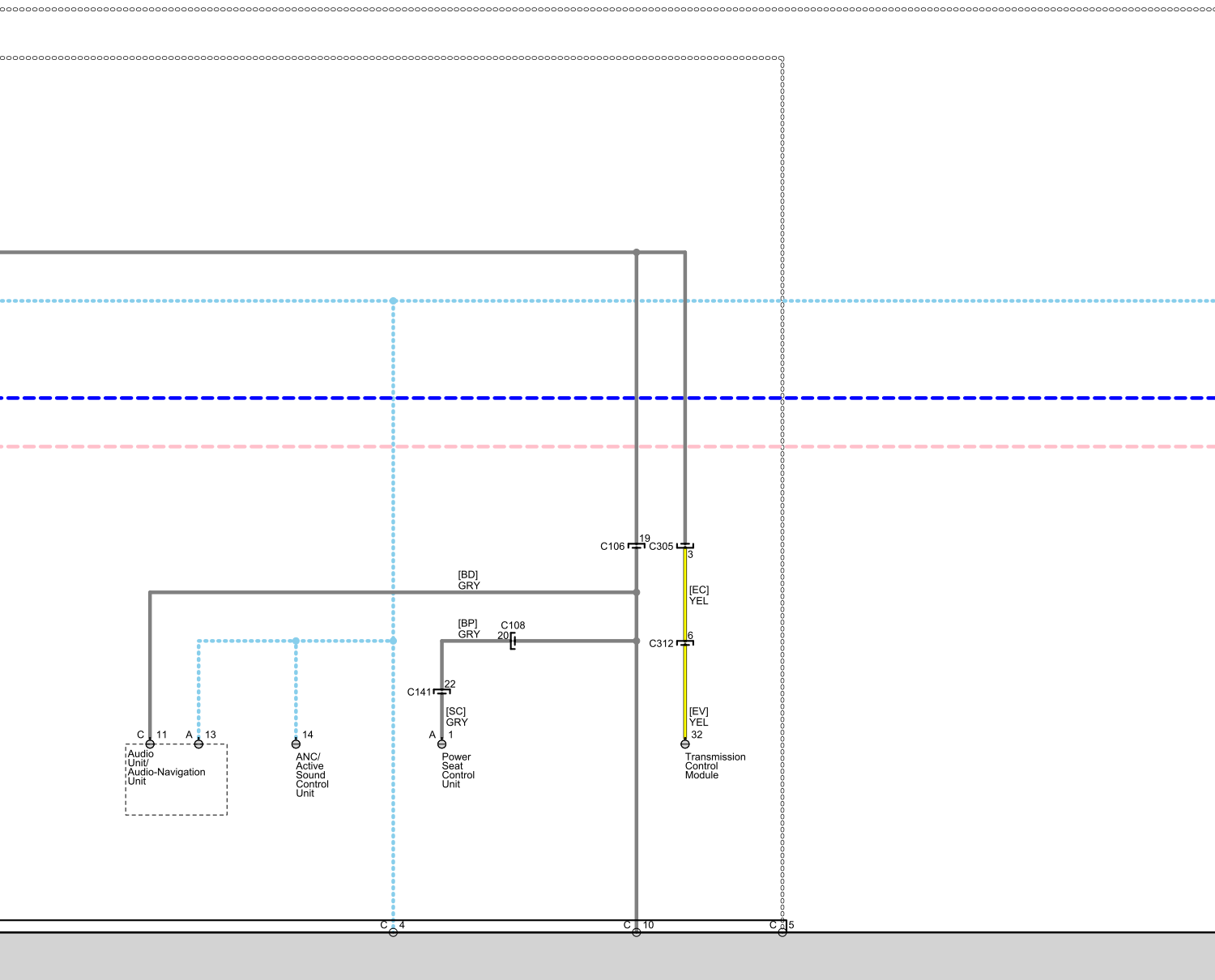
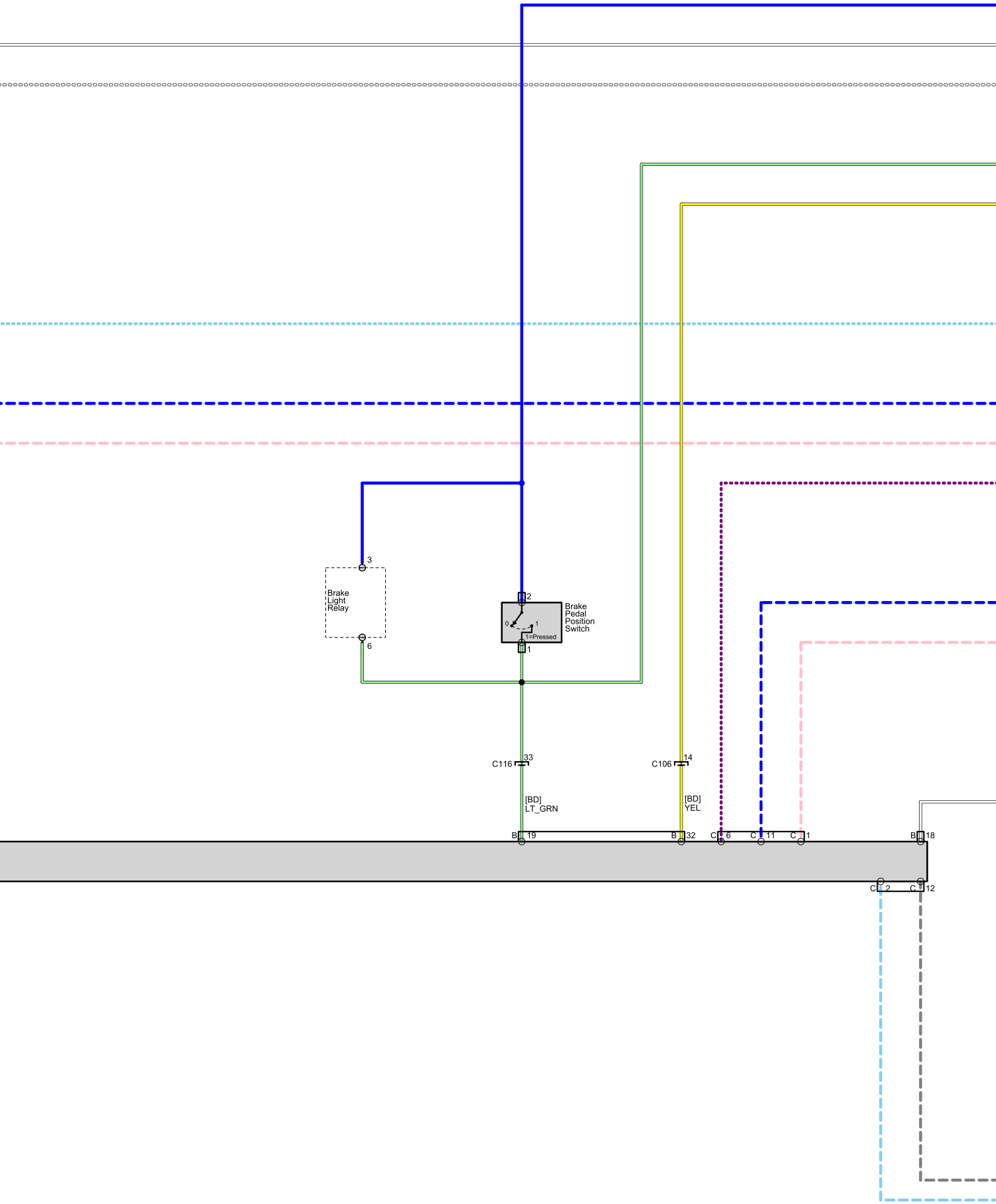
TLX Keyless Access System/TPMS (Tire Pressure Monitoring System) 1 of 8

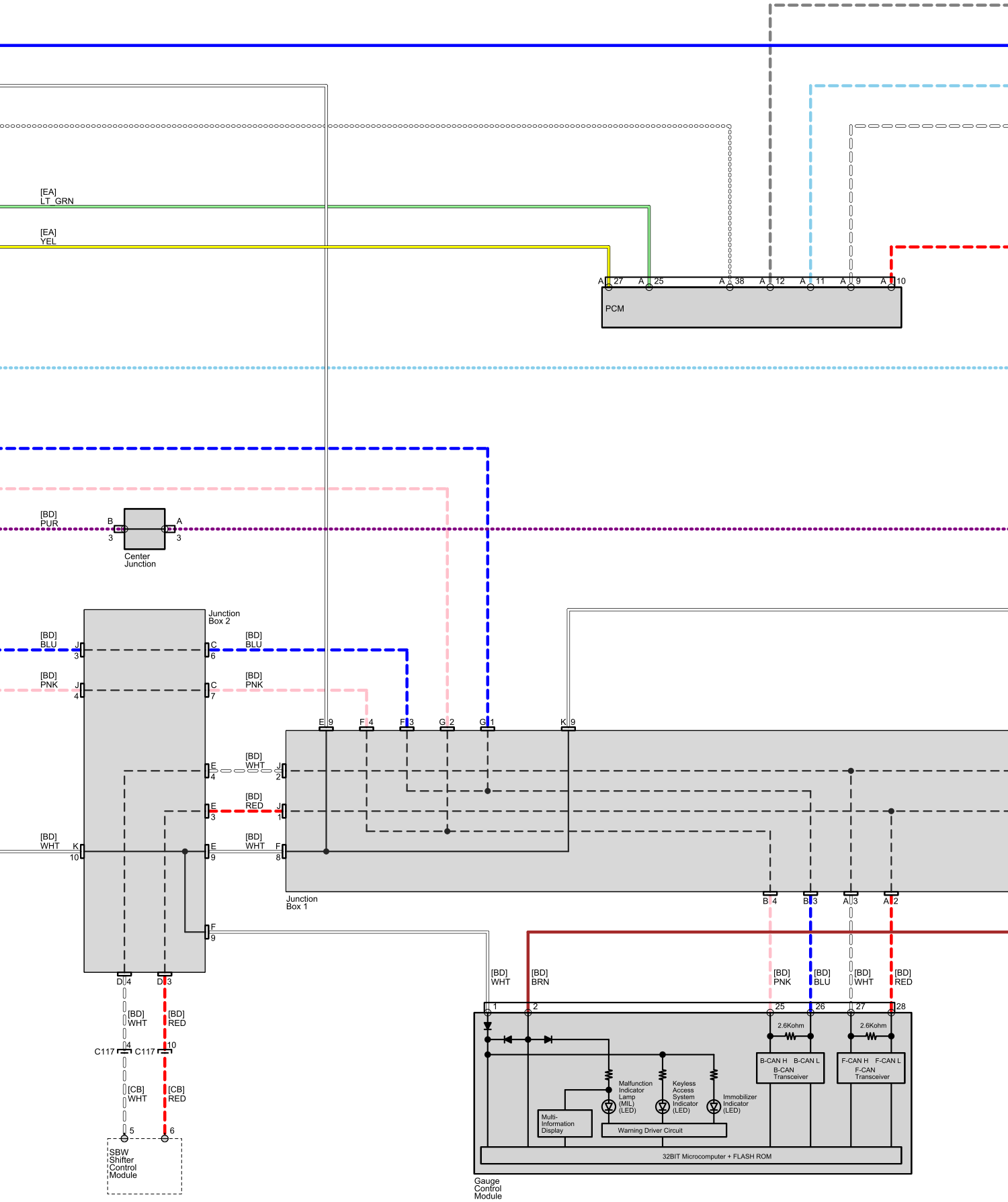


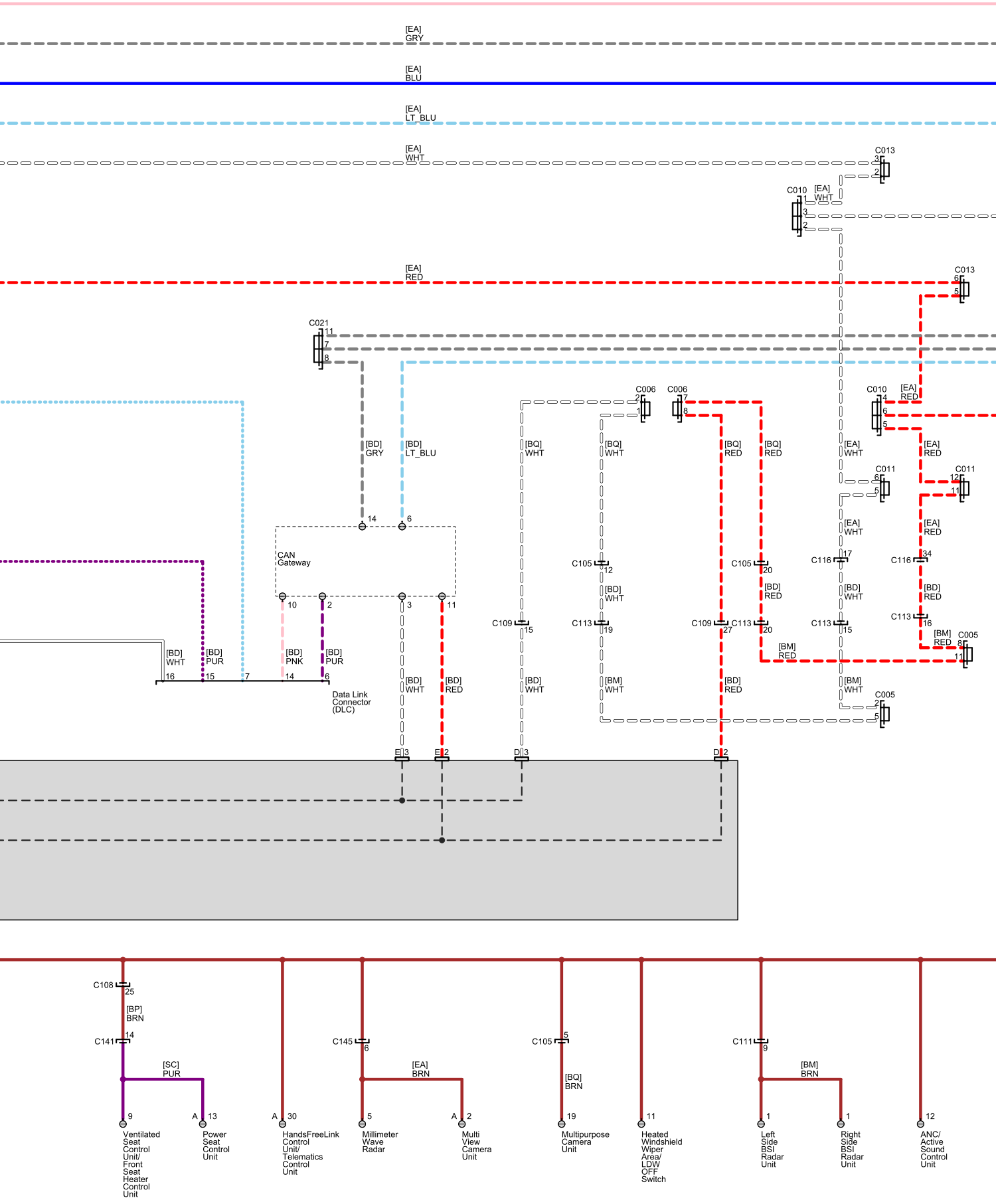

Under-Dash Fuse/Relay Box
10A B31
15A B13
7.5A B2
7.5A B5
7.5A B26
7.5A B37
7.5A B10
Engine Start/ Stop Switch
5V REG
LF ANT
IMMOBILIZER I/F
Wireless Charger
C001
C116
C305
C310
Transmission Control Module
[BD] PUR
[EA] PUR
[EC] BRN
[EV] YEL
[BD] RED
[BD] BLK
[BD] GRN
[BD] BLU
[BD] PNK
[BD] GRY
[BD] LT_GRN
[BD] WHT
[BD] LT_BLU
[BD] TAN
[EA] TAN
[EA] WHT
[BP] GRN
[BP] BLU
[CB] GRN
[CB] RED
[BM] WHT
[BM] YEL
[BP] LT_GRN
[BP] PNK
[BP] PUR
[BP] TAN
[BP] WHT
C106
C110
C104
C113
C118
C115
Left-Front LF Antenna Initiator
Right-Front LF Antenna Initiator
Front-Interior LF Antenna
Left-Rear LF Antenna Initiator
Right-Rear LF Antenna Initiator
Rear-Interior LF Antenna
2-Way Transceiver
[FX] BLK
Roof Antenna

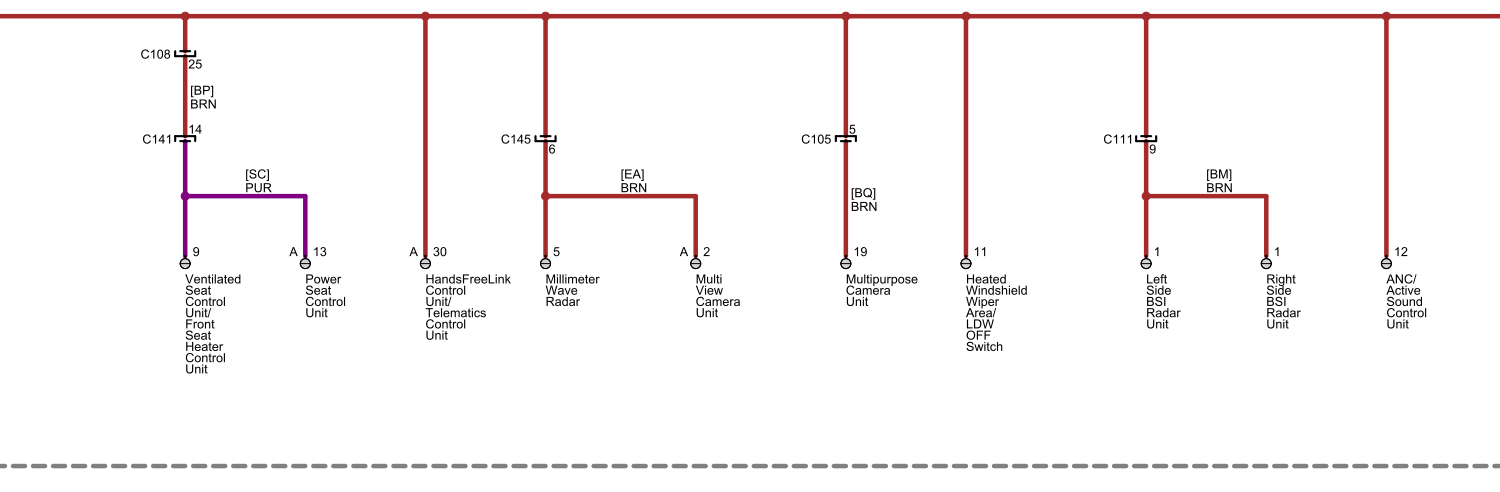

[BD] PNK
R 1
[BD] WHT
M 12
[EA] WHT
E 27
[BD] WHT
M 10
[EA] GRY
E 17
[BD] LT BLU
R 12
[BD] BLU
M 5
[BD] PNK
M 4
MICU
IG1
+B
R 14
P 3
P 22
Q 9
[BD] GRN
C111 4
[BD] RED
[BD] PNK
[BM] GRN
2
Keyless Buzzer
3
[BM] YEL
1
Trunk Lid Outer Handle Switch
0
1
1=Closed
2
C111 27
[BM] BLK
G404
[BD] YEL
Electric Steering Lock
3
12
6
5
1
8
9
2
4
10
7
[BD] GRY
[BD] TAN
[BD] PNK
[BD] BRN
[BD] PUR
[BD] BLU
[BD] GRN
[BD] GRY
[BD] BLK
[BD] YEL
G301
C 3
B 33
B 31
B 3
B 4
B 5
B 6
B 2
B 34
B 14
A 2
C 16
B 1
B 36
A 17
[BD] RED
C104 14
[CB] RED
2
Electric Parking Brake Switch
[BD] BLK
G302

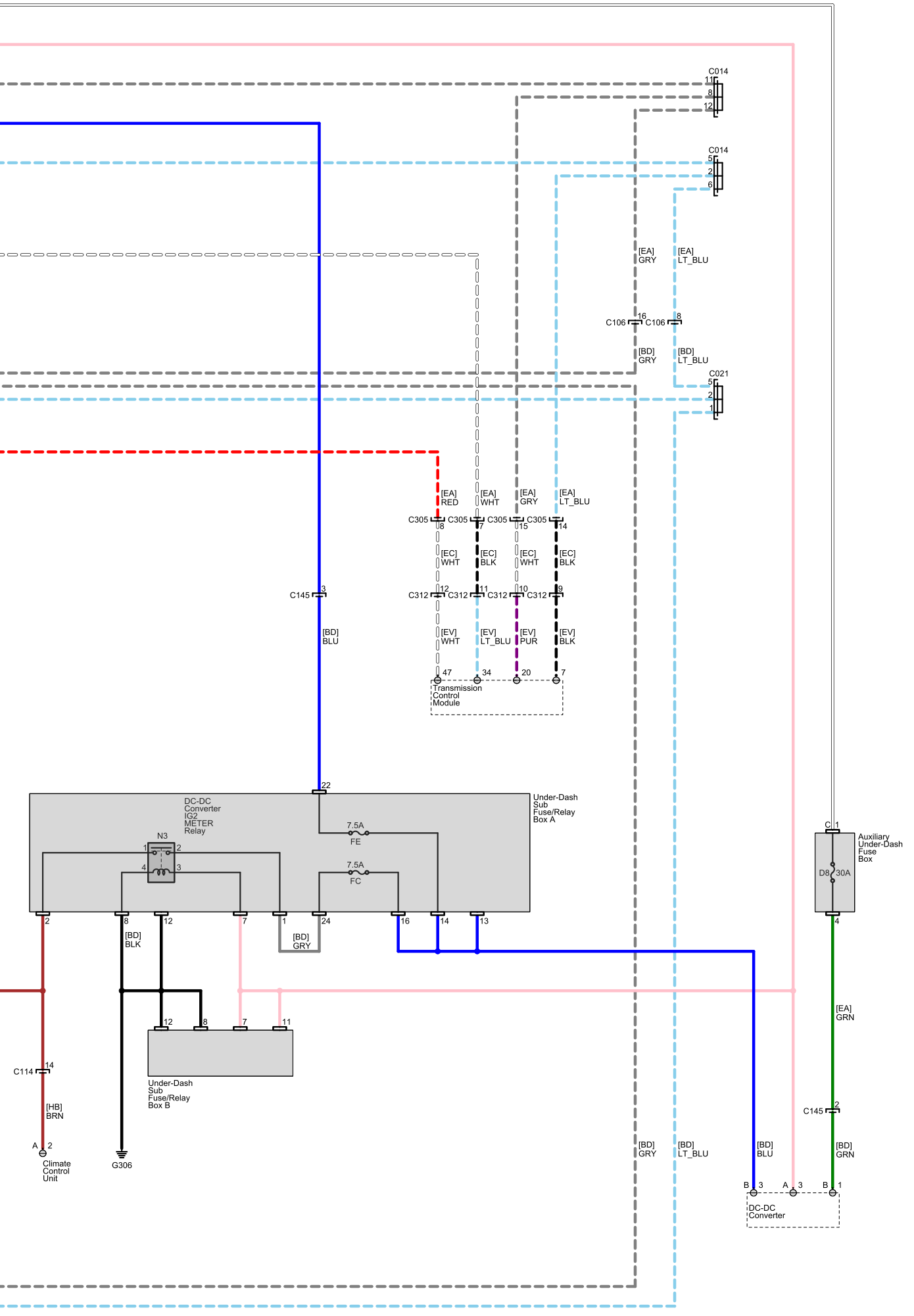

C106
19
C305
3
[BD]
GRY
[EC]
YEL
[BP]
GRY
C108
20
C312
6
C141
22
[SC]
GRY
[EV]
YEL
C
11
A
13
14
A
1
32
Audio
Unit/
Audio-Navigation
Unit
ANC/
Active
Sound
Control
Unit
Power
Seat
Control
Unit
Transmission
Control
Module
C
4
C
10
C
5


3
Brake
Light
Relay
6
2
0
1
1=Pressed
1
Brake
Pedal
Position
Switch
C116
33
[BD]
LT_GRN
C106
14
[BD]
YEL
B 19
B 32
C 6
C 11
C 1
B 18
C 2
C 12


[EA]
LT_GRN
[EA]
YEL
A 27
A 25
A 38
A 12
A 11
A 9
A 10
PCM
[BD]
PUR
B
A
3
3
Center
Junction
Junction
Box 2
[BD]
BLU
J
3
C
6
[BD]
BLU
[BD]
PNK
J
4
C
7
[BD]
PNK
E 9
F 4
F 3
G 2
G 1
K 9
[BD]
WHT
E
4
J
2
[BD]
RED
E
3
J
1
[BD]
WHT
K
10
[BD]
WHT
E
9
F
8
Junction
Box 1
B 4
B 3
A 3
A 2
F
9
D 4
D 3
[BD]
WHT
[BD]
RED
C117
4
C117
10
[CB]
WHT
[CB]
RED
5
6
SBW
Shifter
Control
Module
[BD]
WHT
[BD]
BRN
[BD]
PNK
[BD]
BLU
[BD]
WHT
[BD]
RED
1
2
25
26
27
28
2.6Kohm
2.6Kohm
B-CAN H
B-CAN L
B-CAN
Transceiver
F-CAN H
F-CAN L
F-CAN
Transceiver
Malfunction
Indicator
Lamp
(MIL)
(LED)
Keyless
Access
System
Indicator
(LED)
Immobilizer
Indicator
(LED)
Multi-
Information
Display
Warning Driver Circuit
32BIT Microcomputer + FLASH ROM
Gauge
Control
Module


[EA] GRY
[EA] BLU
[EA] LT_BLU
[EA] WHT
C013
C010
[EA] WHT
[EA] RED
C021
[BD] GRY
[BD] LT_BLU
CAN Gateway
C006
C006
C010
[EA] RED
[BQ] WHT
[BQ] WHT
[BQ] RED
[BQ] RED
[EA] WHT
[EA] RED
C011
C011
[EA] WHT
[EA] RED
C105
C105
C116
C116
[BD] WHT
[BD] RED
[BD] WHT
[BD] RED
C109
C113
C109
C113
C113
C113
[BM] RED
C005
[BM] RED
[BD] WHT
[BD] PUR
[BD] PNK
[BD] PUR
Data Link Connector (DLC)
[BD] WHT
[BD] RED
[BD] WHT
[BM] WHT
[BD] RED
[BM] WHT
C005
E 3
E 2
D 3
D 2


C108
25
[BP] BRN
C141
14
[SC] PUR
9
A 13
Ventilated Seat Control Unit/ Front Seat Heater Control Unit
Power Seat Control Unit
A 30
HandsFreeLink Control Unit/ Telematics Control Unit
C145
6
[EA] BRN
5
A 2
Millimeter Wave Radar
Multi View Camera Unit
C105
5
[BQ] BRN
19
Multipurpose Camera Unit
11
Heated Windshield Wiper Area/ LDW OFF Switch
C111
9
[BM] BRN
1
1
Left Side BSI Radar Unit
Right Side BSI Radar Unit
12
ANC/ Active Sound Control Unit


C014
11
8
12
C014
5
2
6
[EA]
GRY
[EA]
LT_BLU
C106
16
C106
8
[BD]
GRY
[BD]
LT_BLU
C021
5
2
1
[EA]
RED
[EA]
WHT
[EA]
GRY
[EA]
LT_BLU
C305
8
C305
7
C305
15
C305
14
[EC]
WHT
[EC]
BLK
[EC]
WHT
[EC]
BLK
C145
3
C312
12
C312
11
C312
10
C312
9
[BD]
BLU
[EV]
WHT
[EV]
LT_BLU
[EV]
PUR
[EV]
BLK
47
34
20
7
Transmission
Control
Module
22
DC-DC
Converter
IG2
METER
Relay
N3
1
2
4
3
Under-Dash
Sub
Fuse/Relay
Box A
7.5A
FE
7.5A
FC
2
8
12
7
1
24
16
14
13
[BD]
BLK
[BD]
GRY
C
1
Auxiliary
Under-Dash
Fuse
Box
D8
30A
4
[EA]
GRN
12
8
7
11
Under-Dash
Sub
Fuse/Relay
Box B
C114
14
[HB]
BRN
A
2
Climate
Control
Unit
G306
C145
2
[BD]
GRY
[BD]
LT_BLU
[BD]
BLU
[BD]
GRN
B
3
A
3
B
1
DC-DC
Converter