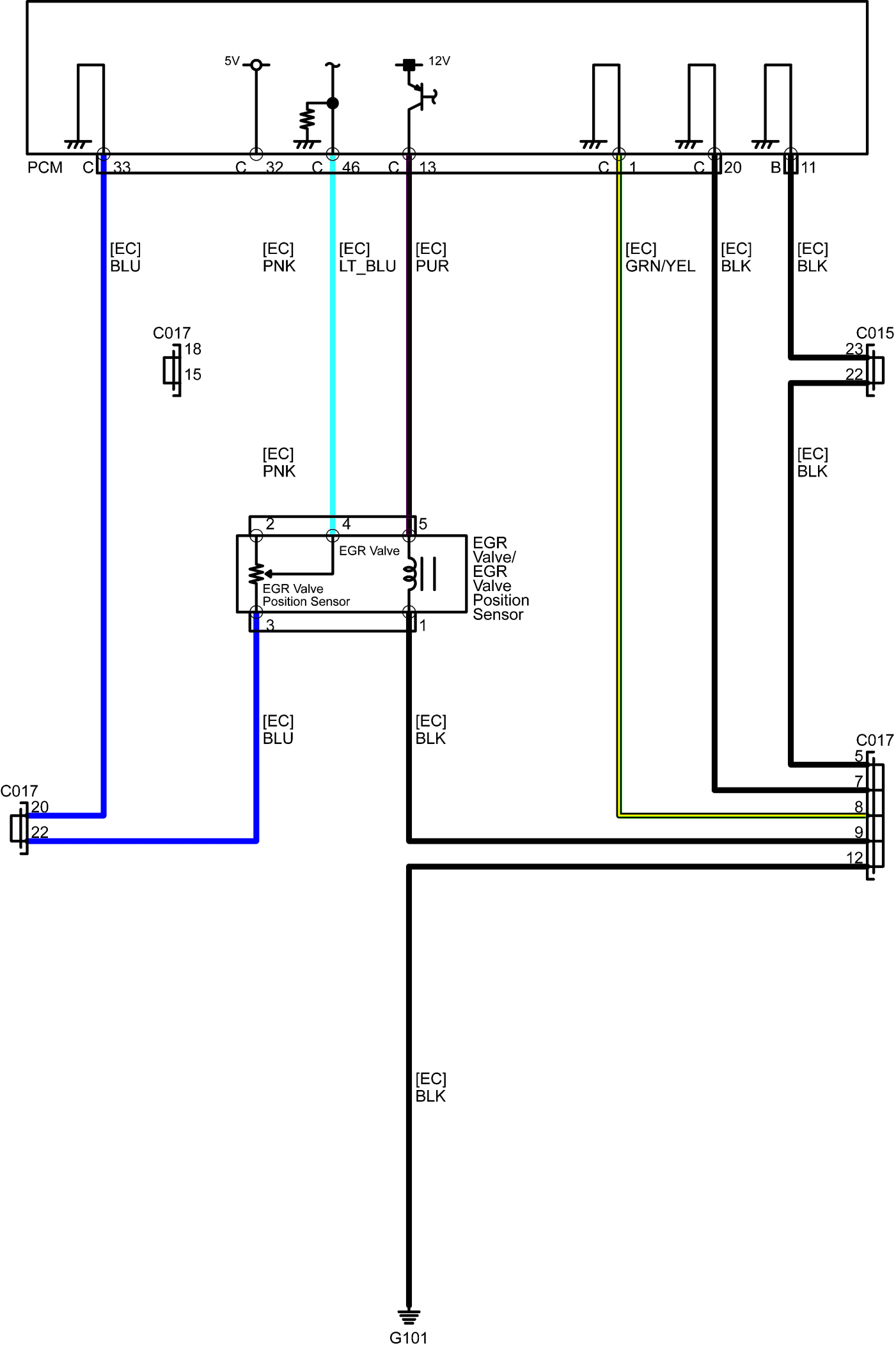
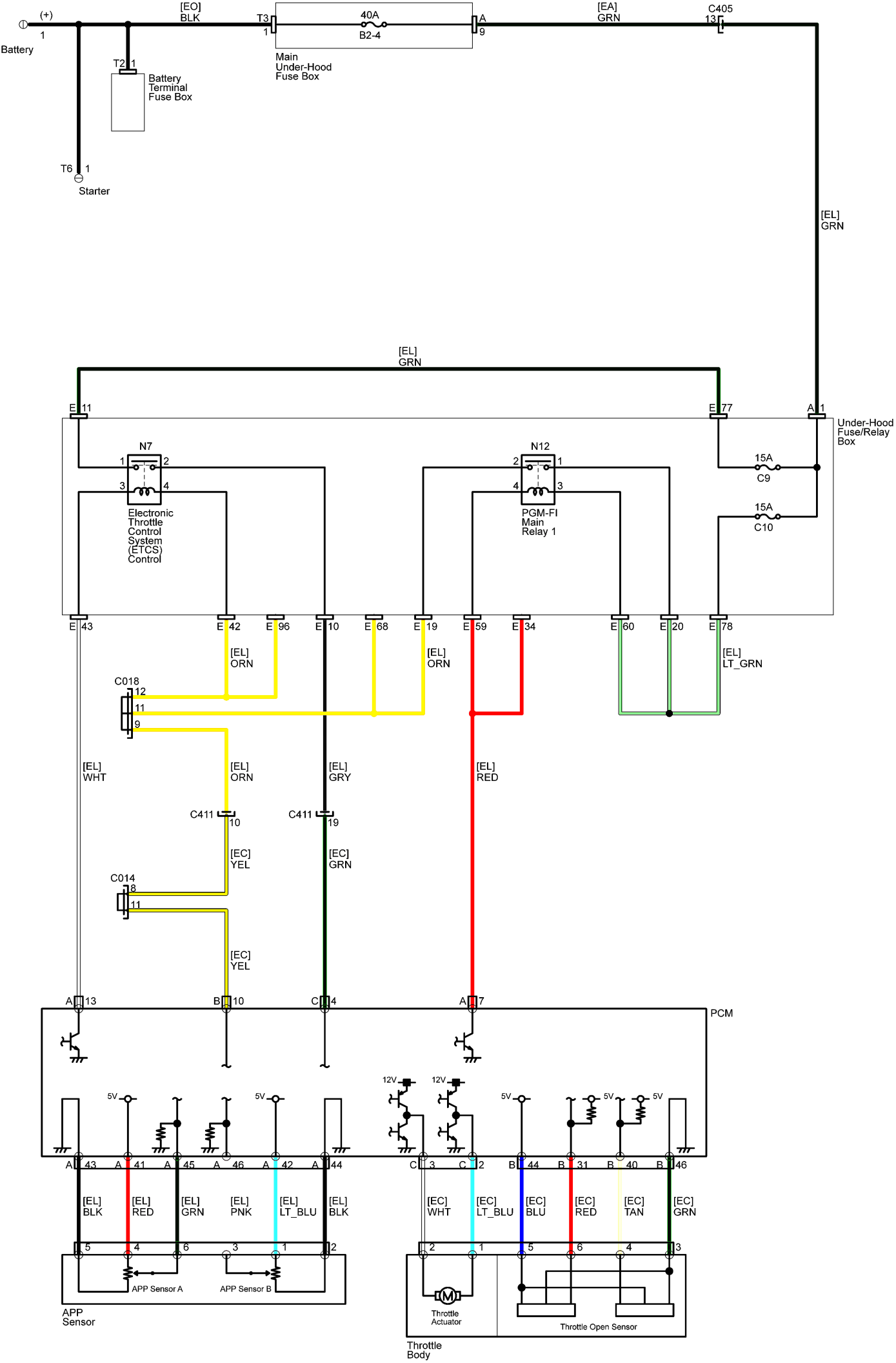
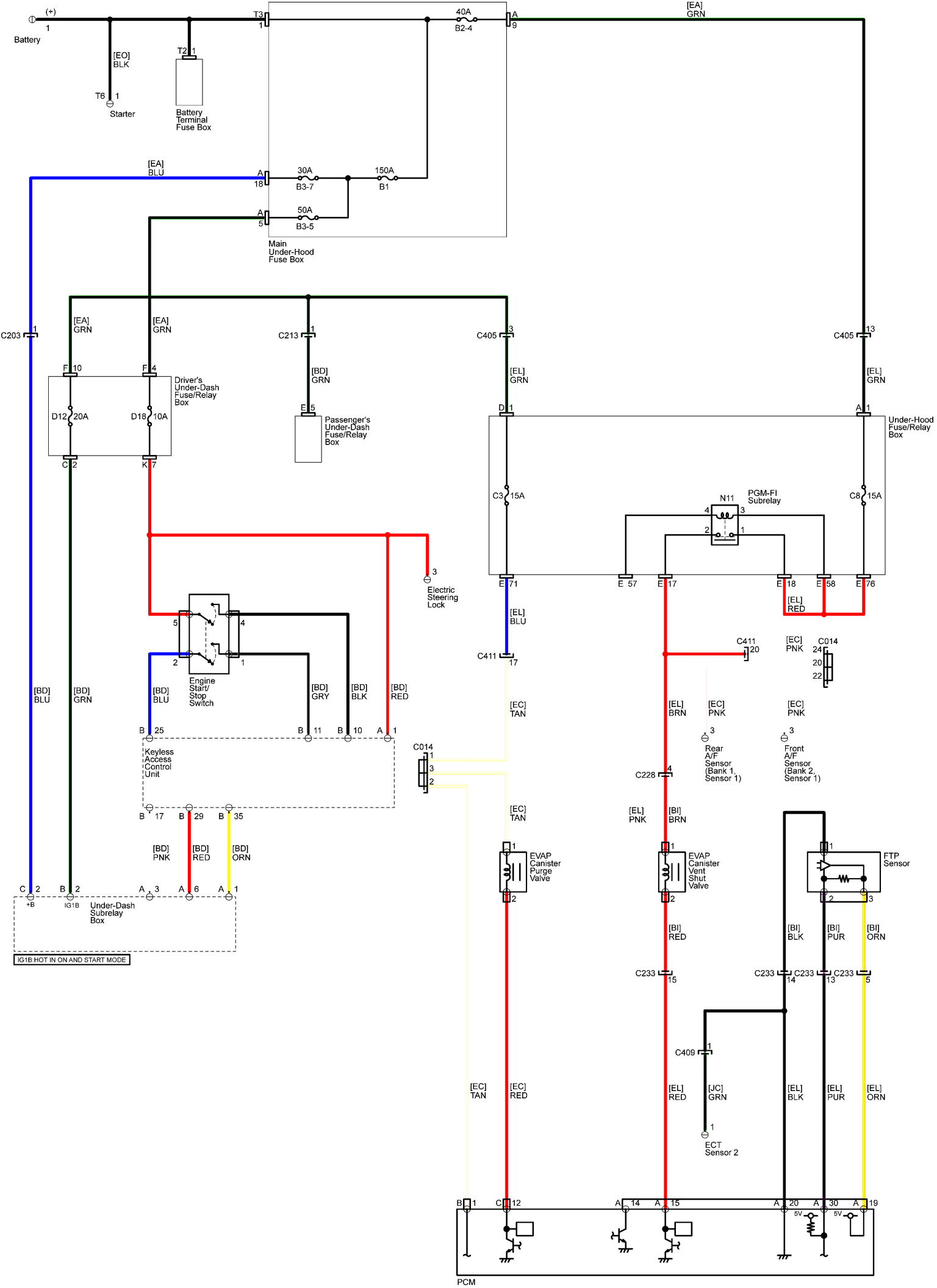
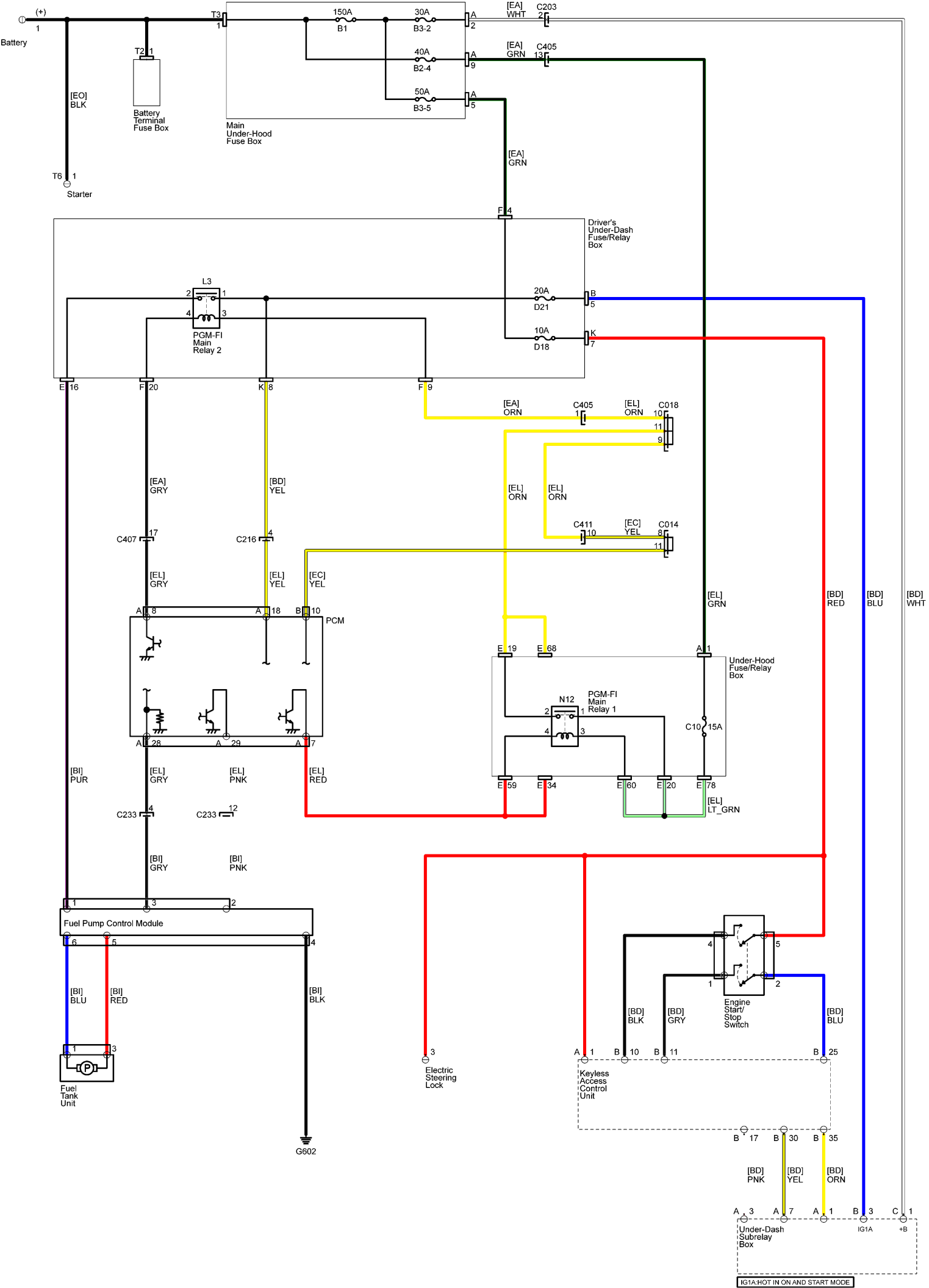
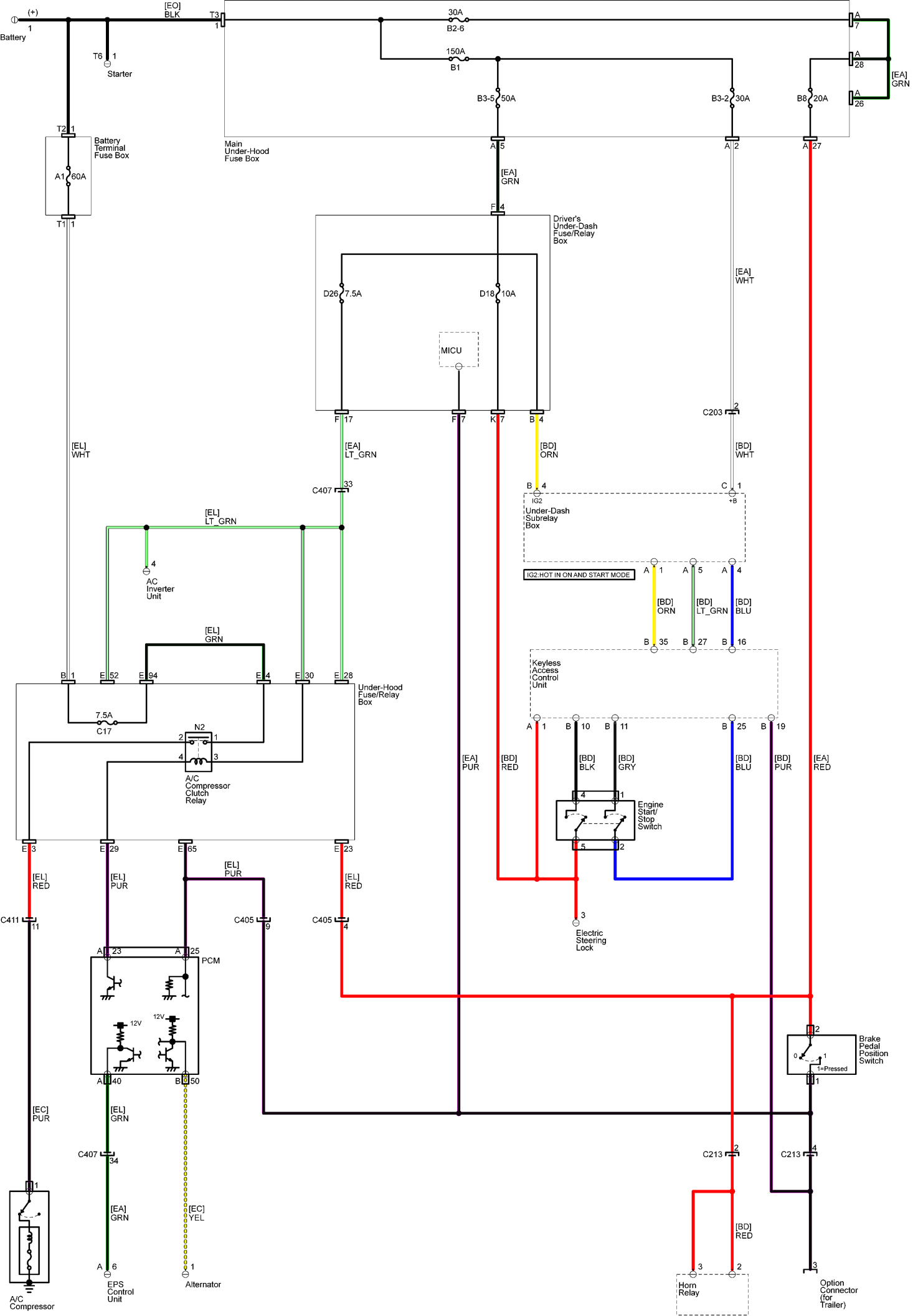
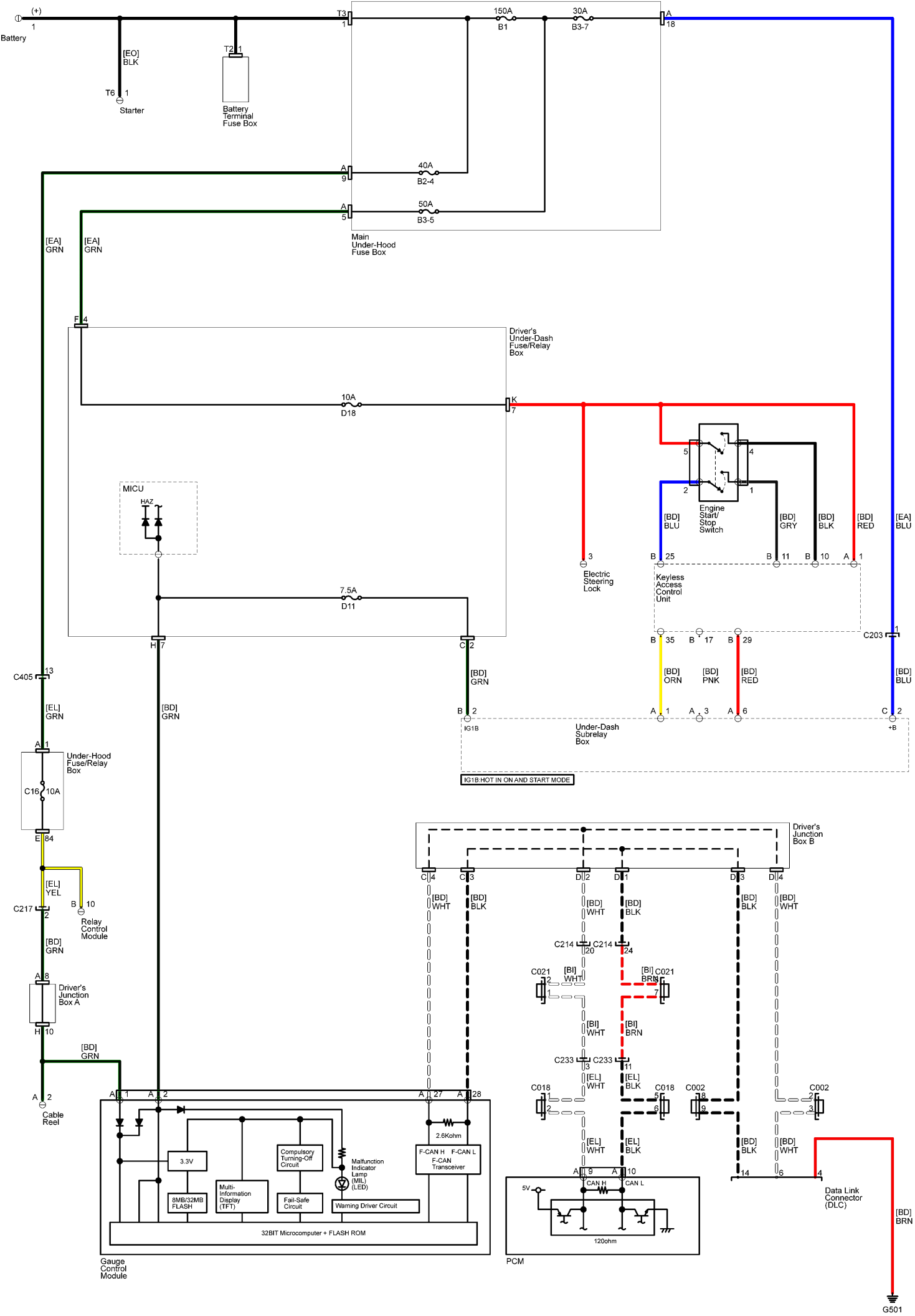

5V
12V
PCM
C 33
C 32
C 46
C 13
C 1
C 20
B 11
[EC] BLU
[EC] PNK
[EC] LT_BLU
[EC] PUR
[EC] GRN/YEL
[EC] BLK
[EC] BLK
C017
18
15
C015
23
22
[EC] PNK
[EC] BLK
2
4
5
EGR Valve
EGR Valve Position Sensor
EGR Valve/ EGR Valve Position Sensor
3
1
[EC] BLU
[EC] BLK
C017
5
7
8
9
12
C017
20
22
[EC] BLK
G101

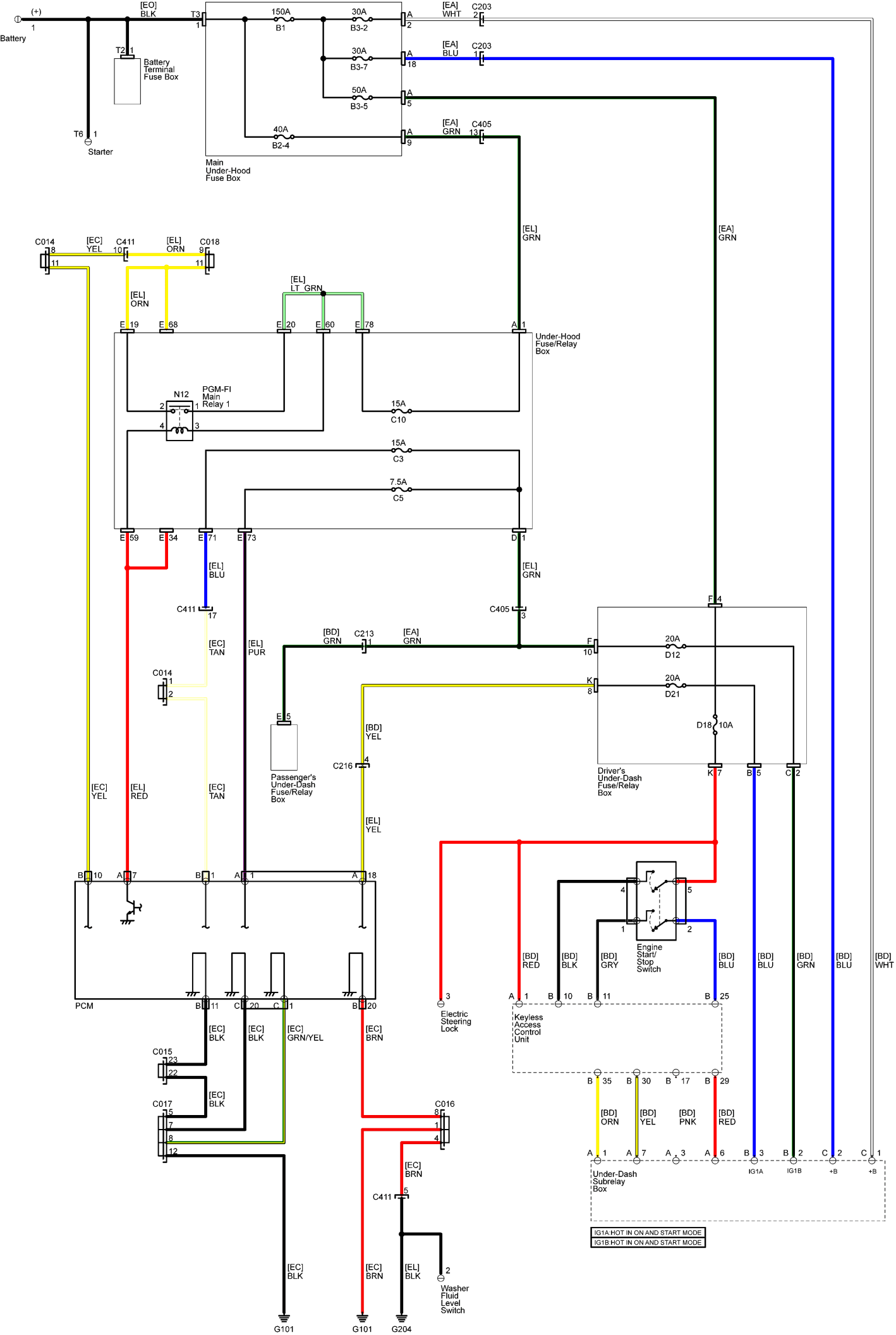

(+)
1
Battery
[EO]
BLK
T3
1
40A
B2-4
A
9
Main
Under-Hood
Fuse Box
[EA]
GRN
C405
13
T2 1
Battery
Terminal
Fuse Box
T6 1
Starter
[EL]
GRN
[EL]
GRN
E 11
E 77
A 1
Under-Hood
Fuse/Relay
Box
N7
1
2
3
4
Electronic
Throttle
Control
System
(ETCS)
Control
N12
2
1
4
3
PGM-FI
Main
Relay 1
15A
C9
15A
C10
E 43
E 42
E 96
E 10
E 68
E 19
E 59
E 34
E 60
E 20
E 78
[EL]
ORN
[EL]
ORN
[EL]
LT_GRN
C018
12
11
9
[EL]
WHT
[EL]
ORN
[EL]
GRY
[EL]
RED
C411
10
C411
19
[EC]
YEL
[EC]
GRN
C014
8
11
[EC]
YEL
A 13
B 10
C 4
A 7
PCM
5V
5V
12V
12V
5V
5V
5V
A 43
A 41
A 45
A 46
A 42
A 44
C 3
C 2
B 44
B 31
B 40
B 46
[EL]
BLK
[EL]
RED
[EL]
GRN
[EL]
PNK
[EL]
LT_BLU
[EL]
BLK
[EC]
WHT
[EC]
LT_BLU
[EC]
BLU
[EC]
RED
[EC]
TAN
[EC]
GRN
5
4
6
3
1
2
2
1
5
6
4
3
APP Sensor A
APP Sensor B
APP
Sensor
M
Throttle
Actuator
Throttle Open Sensor
Throttle
Body


Battery
(+)
1
[EO]
BLK
T6 1
Starter
T2 1
Battery
Terminal
Fuse Box
T3
1
40A
B2-4
A
9
[EA]
GRN
[EA]
BLU
A
18
30A
B3-7
150A
B1
A
5
50A
B3-5
Main
Under-Hood
Fuse Box
C203 1
[EA]
GRN
[EA]
GRN
C213 1
[BD]
GRN
C405 3
[EL]
GRN
C405 13
[EL]
GRN
F 10
F 4
D12 20A
D18 10A
C 2
K 7
Driver's
Under-Dash
Fuse/Relay
Box
E 5
Passenger's
Under-Dash
Fuse/Relay
Box
D 1
A 1
Under-Hood
Fuse/Relay
Box
C3 15A
C8 15A
N11
PGM-FI
Subrelay
4
3
2
1
E 71
E 57
E 17
E 18
E 58
E 76
[EL]
RED
3
Electric
Steering
Lock
[EL]
BLU
C411 17
C411 20
[EC]
PNK
C014
24
20
22
5
4
2
1
Engine
Start/
Stop
Switch
[BD]
BLU
[BD]
GRY
[BD]
BLK
[BD]
RED
[BD]
BLU
[BD]
GRN
[EC]
TAN
[EL]
BRN
[EC]
PNK
[EC]
PNK
B 25
B 11
B 10
A 1
Keyless
Access
Control
Unit
C014
1
3
2
3
Rear
A/F
Sensor
(Bank 1,
Sensor 1)
3
Front
A/F
Sensor
(Bank 2,
Sensor 1)
C228 4
B 17
B 29
B 35
[EC]
TAN
[EL]
PNK
[BI]
BRN
[BD]
PNK
[BD]
RED
[BD]
ORN
1
EVAP
Canister
Purge
Valve
2
1
EVAP
Canister
Vent
Shut
Valve
2
1
FTP
Sensor
2
3
C 2
B 2
A 3
A 6
A 1
+B
IG1B
Under-Dash
Subrelay
Box
IG1B:HOT IN ON AND START MODE
[BI]
RED
[BI]
BLK
[BI]
PUR
[BI]
ORN
C233 15
C233 14
C233 13
C233 5
C409 1
[EC]
TAN
[EC]
RED
[EL]
RED
[JC]
GRN
[EL]
BLK
[EL]
PUR
[EL]
ORN
1
ECT
Sensor 2
B 1
C 12
A 14
A 15
A 20
A 30
A 19
5V
5V
PCM


Battery
(+)
1
T3
1
150A
B1
30A
B3-2
40A
B2-4
50A
B3-5
A
2
A
9
A
5
[EA]
WHT
C203
2
[EA]
GRN
C405
13
[EO]
BLK
T2
1
Battery
Terminal
Fuse Box
Main
Under-Hood
Fuse Box
[EA]
GRN
T6
1
Starter
F
4
Driver's
Under-Dash
Fuse/Relay
Box
L3
2
1
4
3
PGM-FI
Main
Relay 2
20A
D21
B
5
10A
D18
K
7
E
16
F
20
K
8
F
9
[EA]
ORN
C405
1
[EL]
ORN
C018
10
11
9
[EA]
GRY
[BD]
YEL
[EL]
ORN
[EL]
ORN
C411
10
[EC]
YEL
C014
8
11
C407
17
C216
4
[EL]
GRY
[EL]
YEL
[EC]
YEL
A
8
A
18
B
10
PCM
[EL]
GRN
[BD]
RED
[BD]
BLU
[BD]
WHT
E
19
E
68
A
1
Under-Hood
Fuse/Relay
Box
N12
PGM-FI
Main
Relay 1
2
1
4
3
C10
15A
A
28
A
29
A
7
[BI]
PUR
[EL]
GRY
[EL]
PNK
[EL]
RED
E
59
E
34
E
60
E
20
E
78
[EL]
LT_GRN
C233
4
C233
12
[BI]
GRY
[BI]
PNK
1
3
2
Fuel Pump Control Module
6
5
4
[BI]
BLU
[BI]
RED
[BI]
BLK
1
3
Fuel
Tank
Unit
G602
3
Electric
Steering
Lock
4
5
1
2
Engine
Start/
Stop
Switch
[BD]
BLK
[BD]
GRY
[BD]
BLU
A
1
B
10
B
11
B
25
Keyless
Access
Control
Unit
B
17
B
30
B
35
[BD]
PNK
[BD]
YEL
[BD]
ORN
A
3
A
7
A
1
B
3
C
1
Under-Dash
Subrelay
Box
IG1A
+B
IG1A:HOT IN ON AND START MODE


(+)
1
Battery
[EO]
BLK
T3
1
30A
B2-6
A
7
T6
1
Starter
150A
B1
A
28
[EA]
GRN
A
26
B3-5
50A
B3-2
30A
B8
20A
T2
1
Battery
Terminal
Fuse Box
A1
60A
T1
1
Main
Under-Hood
Fuse Box
A
5
A
2
A
27
[EA]
GRN
F
4
Driver's
Under-Dash
Fuse/Relay
Box
D26
7.5A
D18
10A
MICU
[EA]
WHT
F
17
F
7
K
7
B
4
C203
2
[EL]
WHT
[EA]
LT_GRN
[BD]
ORN
[BD]
WHT
C407
33
B
4
IG2
C
1
+B
Under-Dash
Subrelay
Box
[EL]
LT_GRN
4
AC
Inverter
Unit
IG2:HOT IN ON AND START MODE
A
1
A
5
A
4
[BD]
ORN
[BD]
LT_GRN
[BD]
BLU
B
35
B
27
B
16
[EL]
GRN
Keyless
Access
Control
Unit
B
1
E
52
E
94
E
4
E
30
E
28
Under-Hood
Fuse/Relay
Box
7.5A
C17
N2
2
1
4
3
A/C
Compressor
Clutch
Relay
A
1
B
10
B
11
B
25
B
19
[EA]
PUR
[BD]
RED
[BD]
BLK
[BD]
GRY
[BD]
BLU
[BD]
PUR
[EA]
RED
4
1
Engine
Start/
Stop
Switch
5
2
3
Electric
Steering
Lock
E
3
E
29
E
65
E
23
[EL]
PUR
[EL]
RED
[EL]
PUR
[EL]
RED
C411
11
C405
9
C405
4
A
23
A
25
PCM
12V
12V
A
40
B
50
2
Brake
Pedal
Position
Switch
0
1
1=Pressed
1
[EC]
PUR
[EL]
GRN
C213
2
C213
4
C407
34
1
[EA]
GRN
[EC]
YEL
[BD]
RED
A
6
1
3
2
3
EPS
Control
Unit
Alternator
Horn
Relay
Option
Connector
(for
Trailer)
A/C
Compressor


(+)
1
Battery
[EO]
BLK
T6 1
Starter
T2 1
Battery
Terminal
Fuse Box
T3
1
150A
B1
30A
B3-7
A
18
A
9
40A
B2-4
A
5
50A
B3-5
Main
Under-Hood
Fuse Box
[EA]
GRN
[EA]
GRN
F 4
Driver's
Under-Dash
Fuse/Relay
Box
10A
D18
K
7
MICU
HAZ
7.5A
D11
H 7
C 2
C405 13
[EL]
GRN
[BD]
GRN
[BD]
GRN
B 2
IG1B
Under-Dash
Subrelay
Box
IG1B:HOT IN ON AND START MODE
3
Electric
Steering
Lock
5
1
4
2
3
Engine
Start/
Stop
Switch
[BD]
BLU
[BD]
GRY
[BD]
BLK
[BD]
RED
[EA]
BLU
B 25
B 11
B 10
A 1
Keyless
Access
Control
Unit
B 35
B 17
B 29
C203 1
[BD]
ORN
[BD]
PNK
[BD]
RED
[BD]
BLU
A 1
A 3
A 6
C 2
+B
A 1
Under-Hood
Fuse/Relay
Box
C16 10A
E 84
[EL]
YEL
C217
2
B 10
Relay
Control
Module
[BD]
GRN
A 8
Driver's
Junction
Box A
H 10
[BD]
GRN
A 2
Cable
Reel
Driver's
Junction
Box B
C 4
C 3
D 2
D 1
D 3
D 4
[BD]
WHT
[BD]
BLK
[BD]
WHT
[BD]
BLK
[BD]
BLK
[BD]
WHT
C214
20
C214
24
C021
2
1
[BI]
WHT
[BI]
BRN
C021
7
[BI]
WHT
[BI]
BRN
C233
3
C233
11
C018
1
2
[EL]
WHT
[EL]
BLK
C018
5
6
C002
8
9
C002
2
3
[EL]
WHT
[EL]
BLK
[BD]
BLK
[BD]
WHT
A 1
A 2
A 27
A 28
2.6Kohm
3.3V
Compulsory
Turning-Off
Circuit
Malfunction
Indicator
Lamp
(MIL)
(LED)
F-CAN H F-CAN L
F-CAN
Transceiver
8MB/32MB
FLASH
Multi-
Information
Display
(TFT)
Fail-Safe
Circuit
Warning Driver Circuit
32BIT Microcomputer + FLASH ROM
Gauge
Control
Module
A 9
A 10
CAN H
CAN L
5V
120ohm
PCM
14
6
4
Data Link
Connector
(DLC)
[BD]
BRN
G501


(+)
Battery
[EO] BLK
T3
150A B1
30A B3-2
30A B3-7
50A B3-5
40A B2-4
[EA] WHT
[EA] BLU
[EA] GRN
C203
C405
T2
Battery Terminal Fuse Box
T6
Starter
Main Under-Hood Fuse Box
C014
[EC] YEL
C411
[EL] ORN
C018
[EL] LT GRN
[EL] GRN
[EA] GRN
Under-Hood Fuse/Relay Box
N12
PGM-FI Main Relay 1
15A C10
15A C3
7.5A C5
[EL] BLU
[BD] GRN
C213
20A D12
20A D21
D18 10A
Driver's Under-Dash Fuse/Relay Box
E5
Passenger's Under-Dash Fuse/Relay Box
C216
[BD] YEL
[EC] TAN
[EL] PUR
[EC] YEL
[EL] RED
[EL] YEL
PCM
Engine Start/ Stop Switch
[BD] RED
[BD] BLK
[BD] GRY
[BD] BLU
[BD] GRN
[BD] WHT
Electric Steering Lock
Keyless Access Control Unit
[BD] ORN
[BD] PNK
Under-Dash Subrelay Box
IG1A
IG1B
+B
[EC] BLK
[EC] GRN/YEL
[EC] BRN
C015
C017
C016
[EL] BLK
Washer Fluid Level Switch
G101
G204
IG1A:HOT IN ON AND START MODE
IG1B:HOT IN ON AND START MODE