

POWERTRAIN  
CONTROL  
MODULE (PCM)

## AUTOMATIC TRANSMISSION

TR-P

C175E  
37

3.7L  
C1381E  
37

2.3L  
C1551E  
10

VET32

BN-BU

2.3L

12

C168

12

C1575

TR-P

6R80  
TRANSMISSION

## MANUAL TRANSMISSION

CPP

C175B  
9

C1381B  
9

C1551B  
30

CE903

BU-OG

C214  
1

CE903

BU-OG

C2353  
1

CLUTCH PEDAL POSITION (CPP)  
BOTTOM OF TRAVEL SWITCH

- 1) Clutch pedal depressed
- 2) Clutch pedal released

C2353  
2

GD120

BK-GN

C214 -3

GD120

BK-GN

S128

GD120

BK-GN

-

BODY  
CONTROL  
MODULE (BCM)

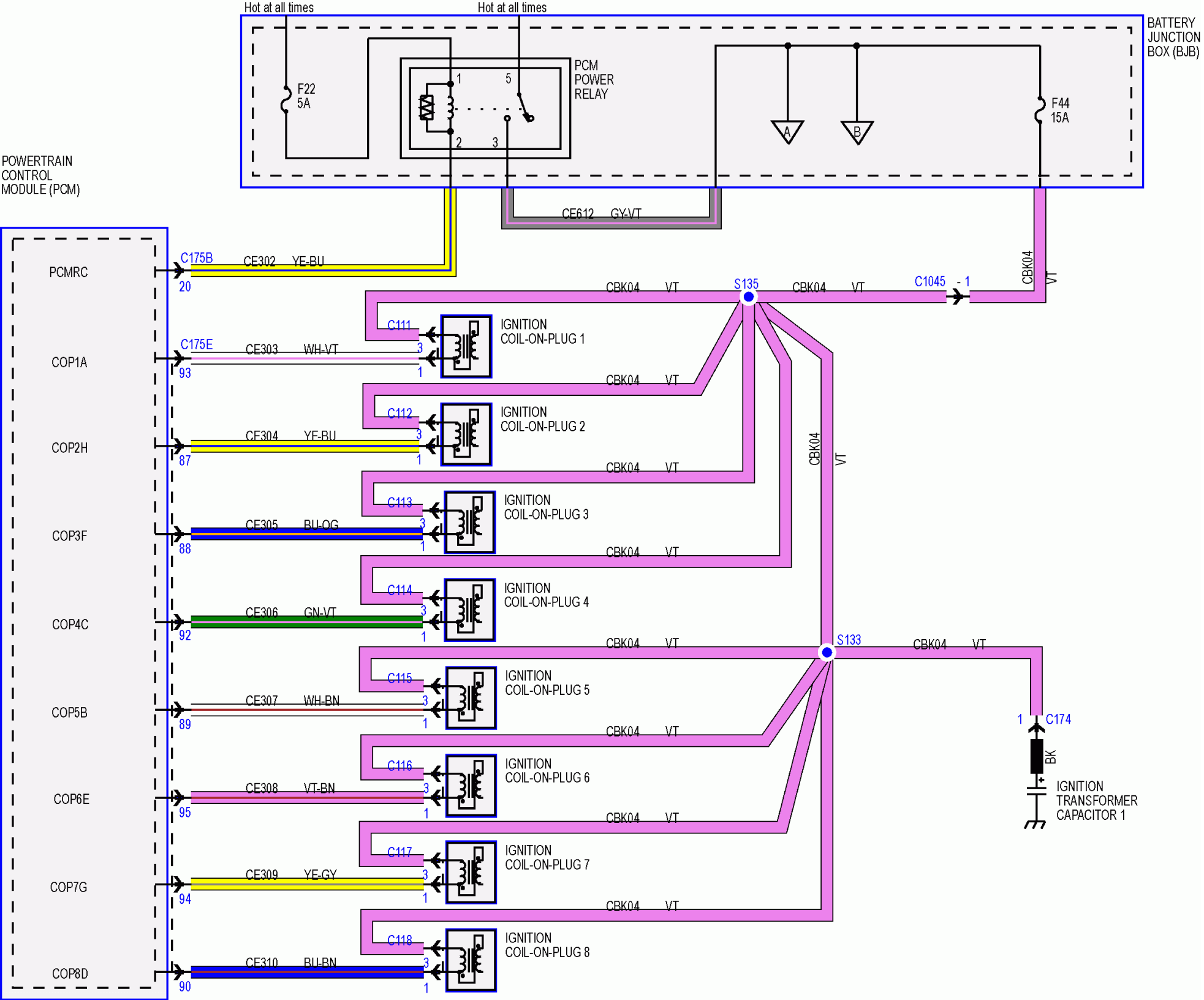
CPP

C2280B  
14

CE903

BU-OG

C212  
15



POWERTRAIN  
CONTROL  
MODULE (PCM)

Hot in Start or Run  
with Fuel Pump Relay engaged

ELECTRONIC ENGINE CONTROLS



CBB41

BU

INJ-1

C175E  
1

CE205

GN-BU

C1141  
1

FUEL INJECTOR 1



C1141  
2

CBK01

BU

INJ-2

61

CE206

GY-YE

C1142  
1

FUEL INJECTOR 2



C1142  
2

CBK01

BU

INJ-3

31

CE207

VT-GY

C1143  
1

FUEL INJECTOR 3



C1143  
2

CBK01

BU

INJ-4

3

CE208

YE-OG

C1144  
1

FUEL INJECTOR 4



C1144  
2

CBK01

BU

INJ-5

2

CE209

BN

C1145  
1

FUEL INJECTOR 5



C1145  
2

CBK01

BU

INJ-6

62

CE210

GN-WH

C1146  
1

FUEL INJECTOR 6



C1146  
2

CBK01

BU

INJ-7

46

CE211

GY-BN

C1147  
1

FUEL INJECTOR 7



C1147  
2

CBK01

BU

INJ-8

16

CE212

VT-OG

C1148  
1

FUEL INJECTOR 8



C1148  
2

CBK01

BU

9

C1045

CBK01

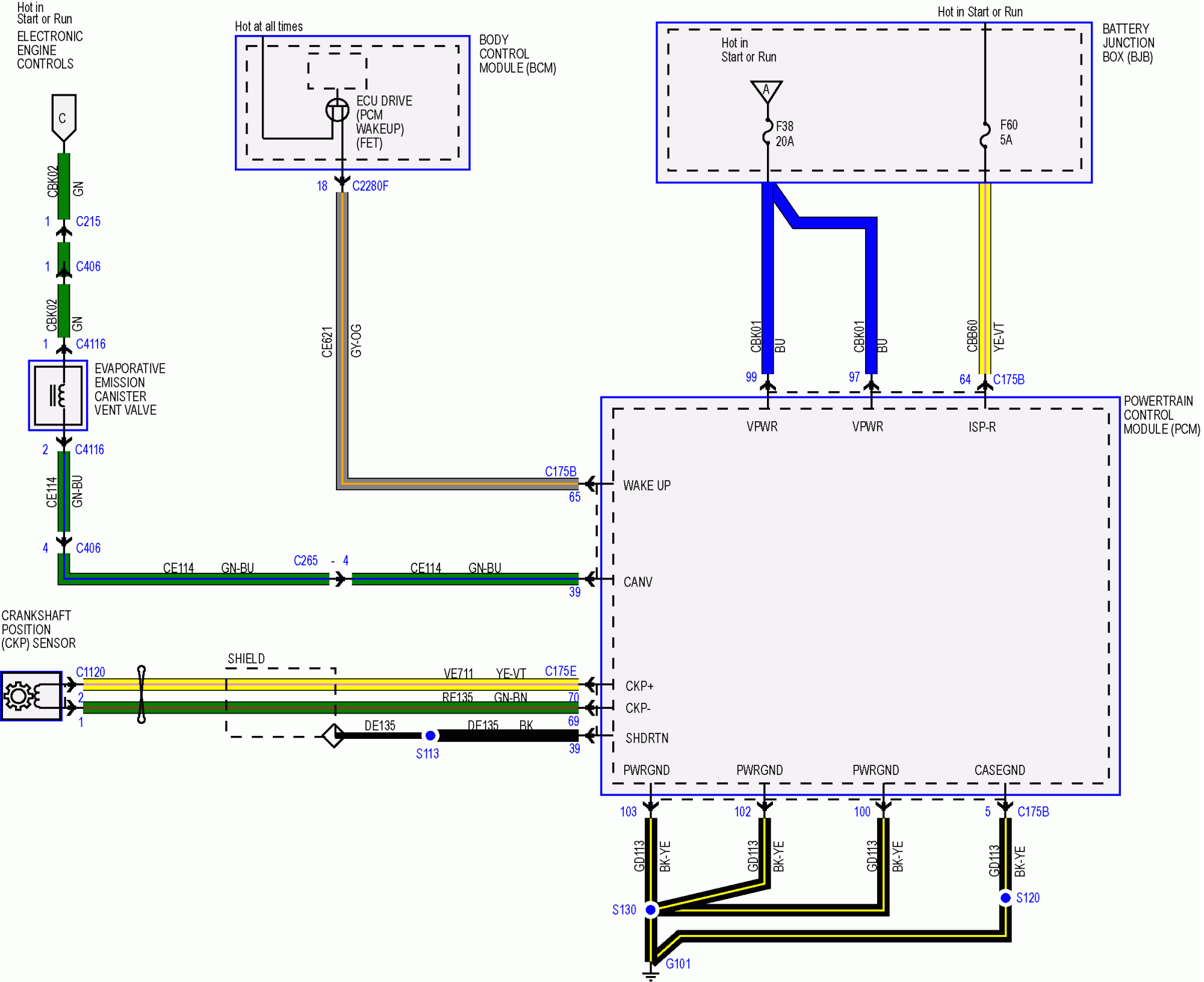
BU

S138

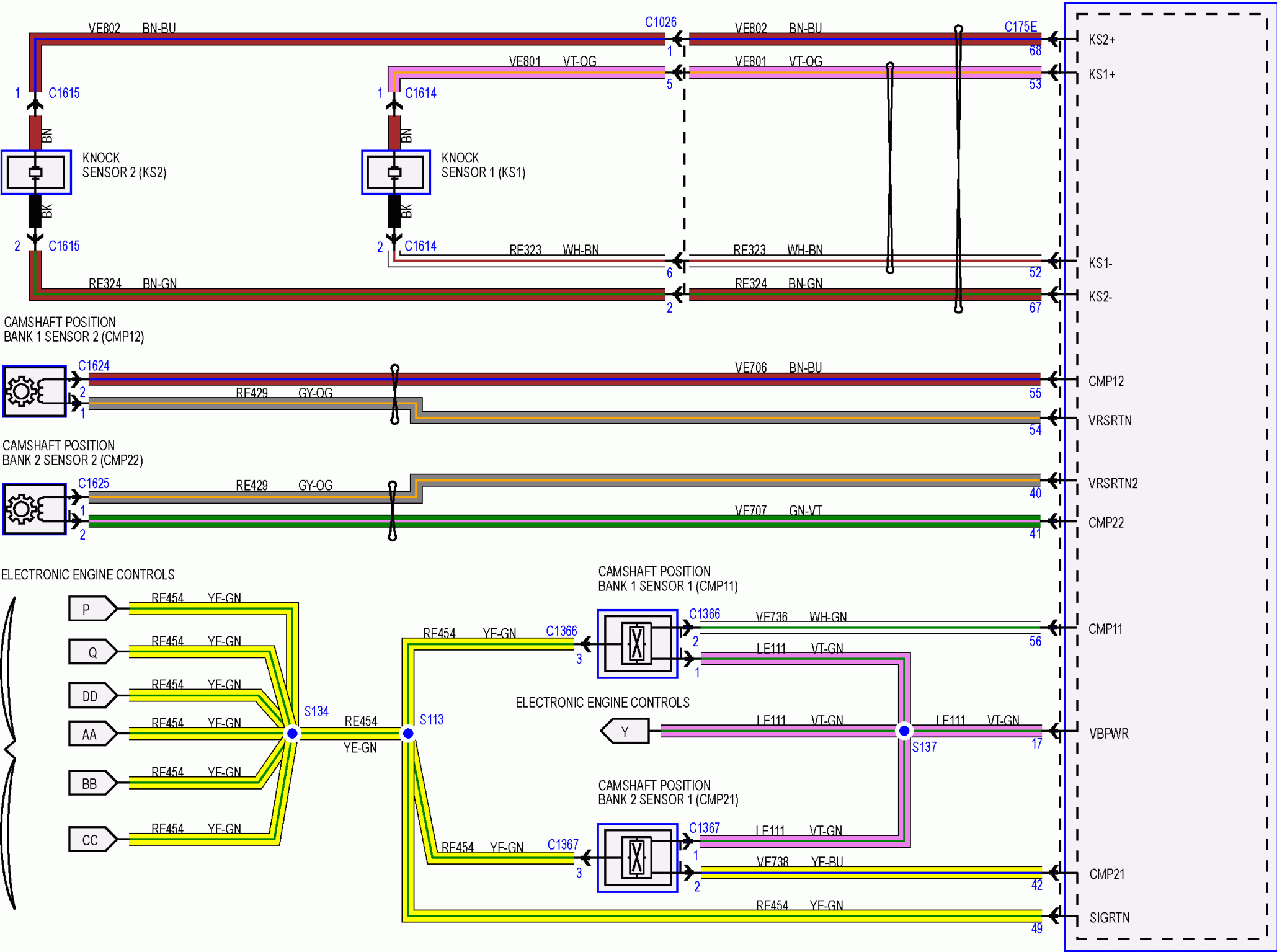
CBK01

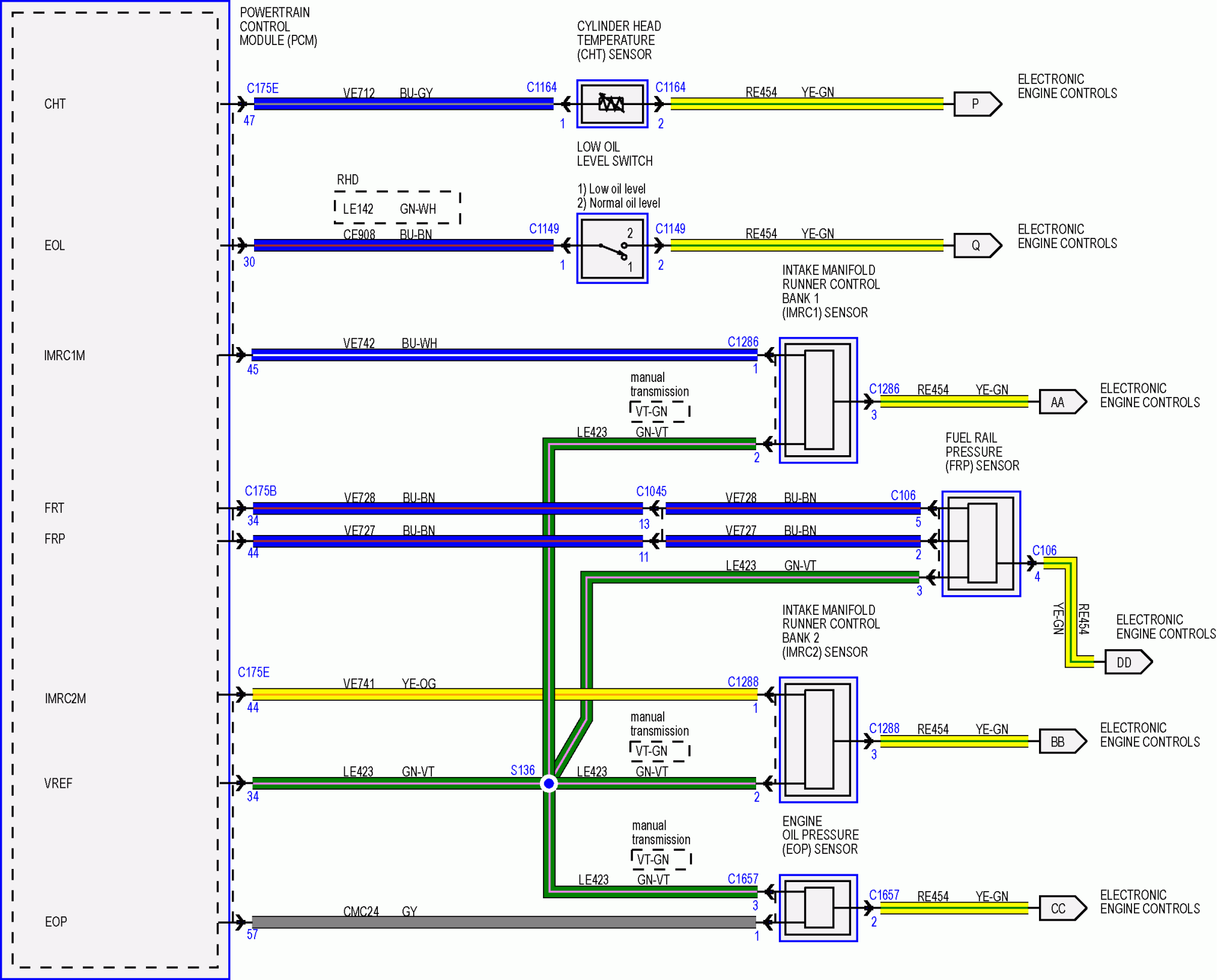
BU

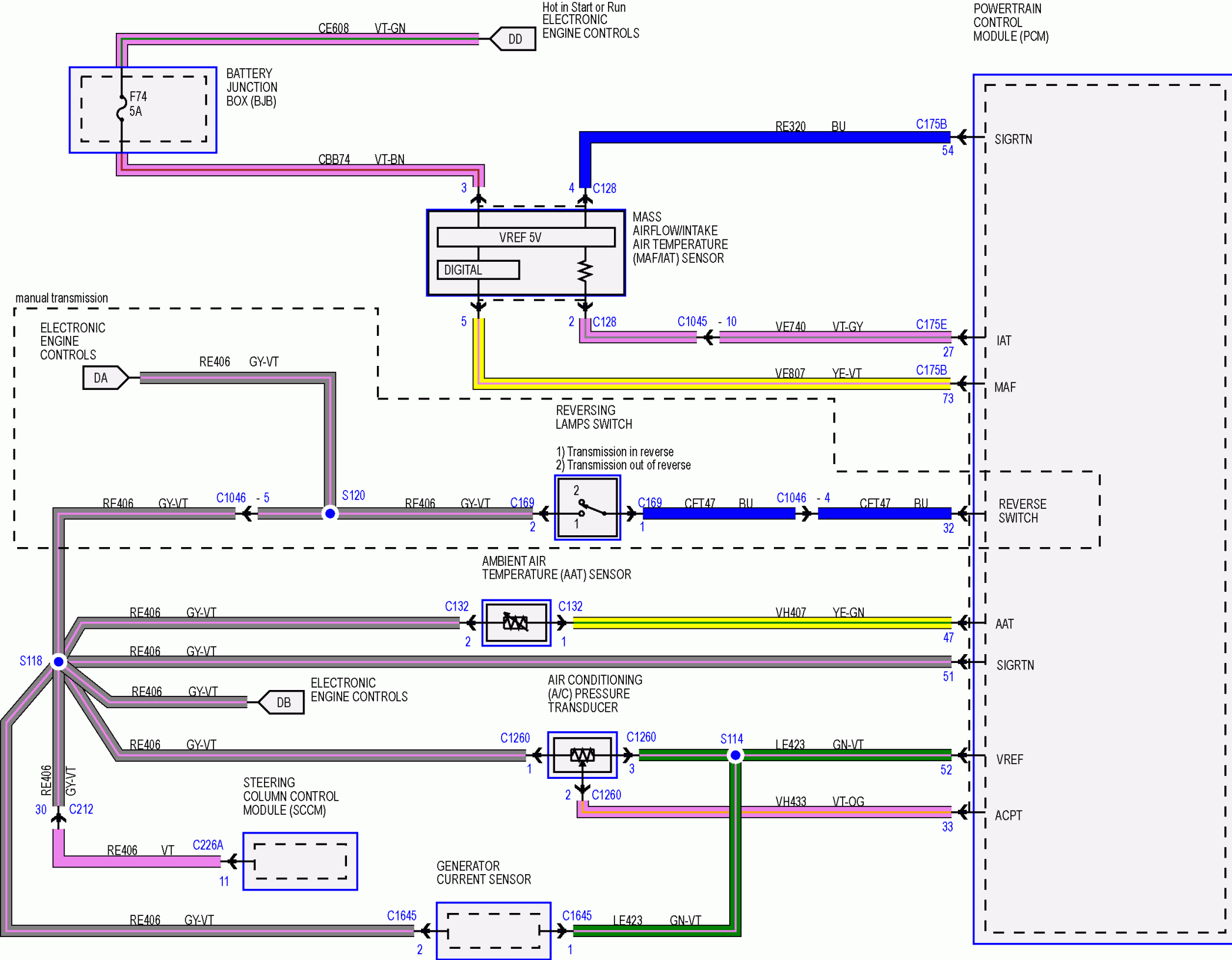
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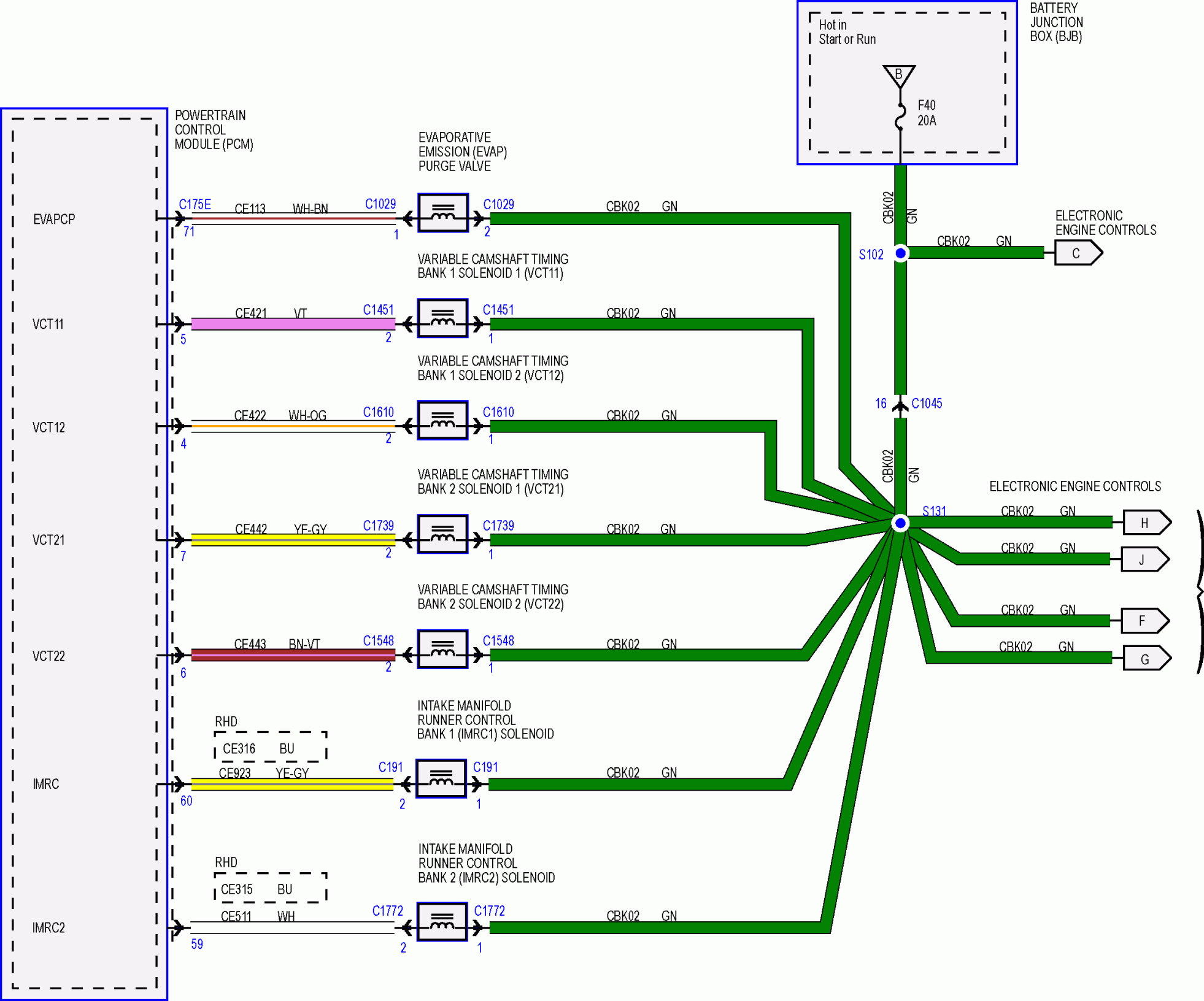


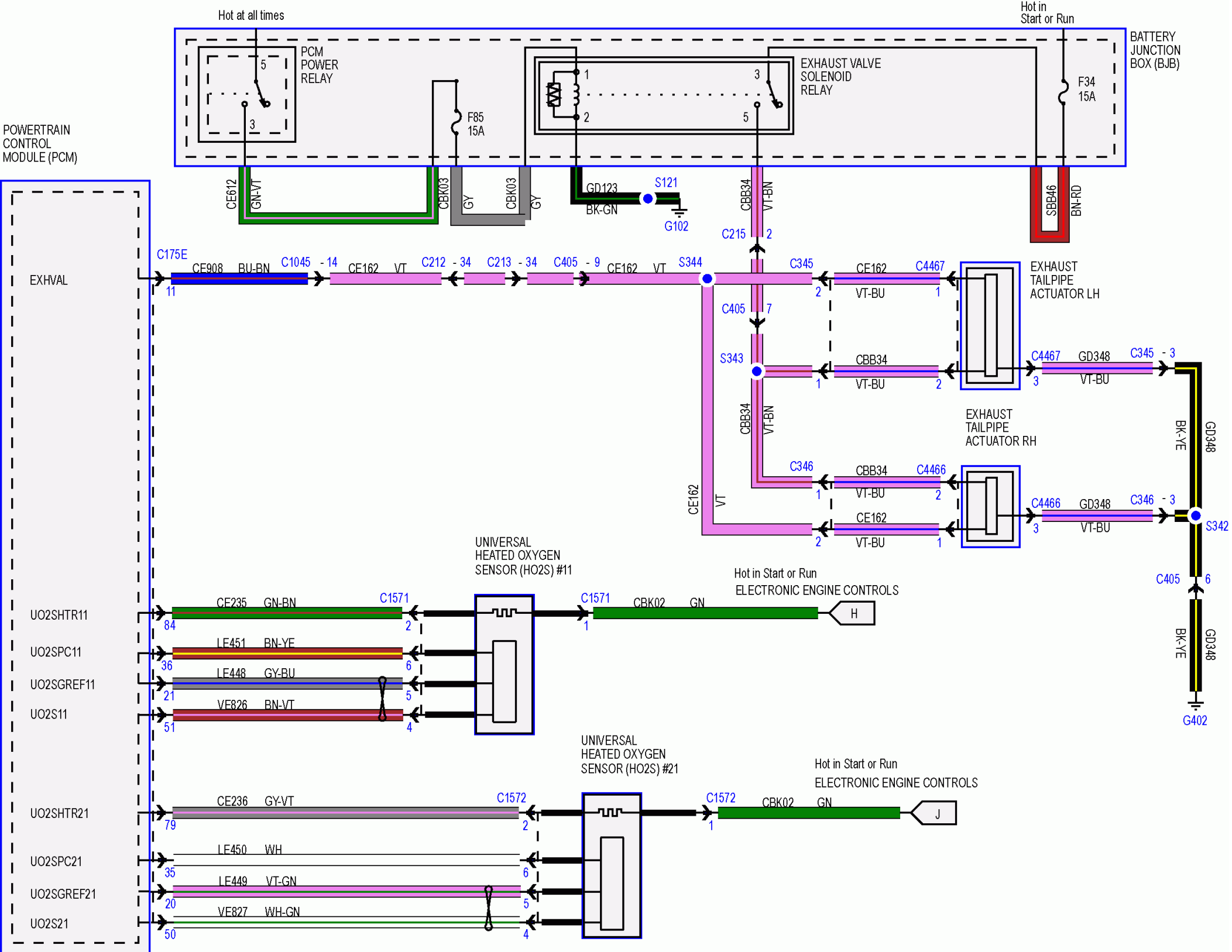




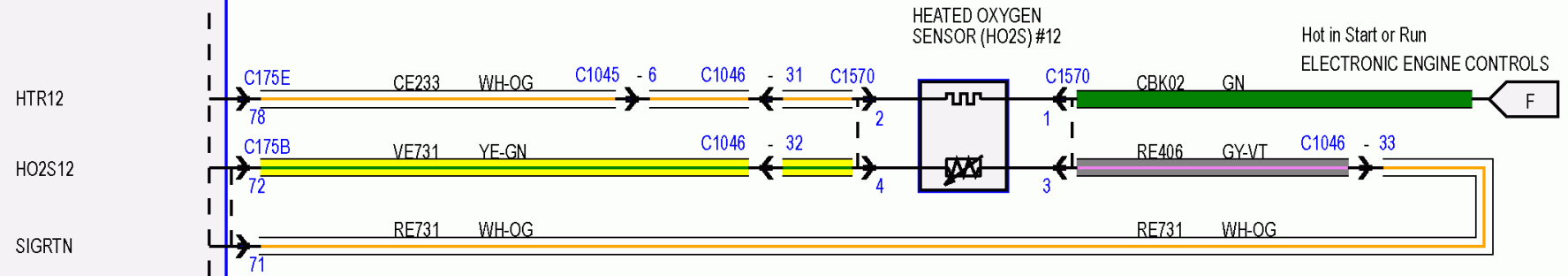




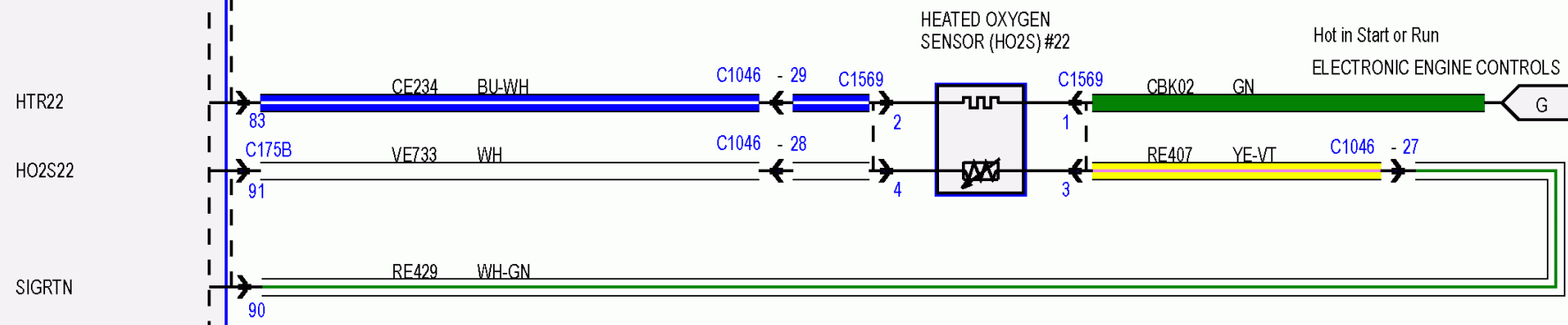
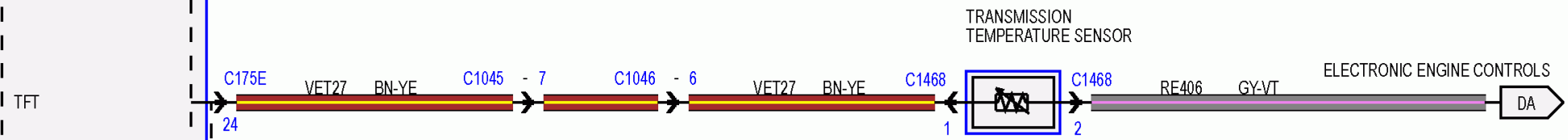




POWERTRAIN  
CONTROL  
MODULE (PCM)



manual transmission



C175E 48 Not used

POWERTRAIN  
CONTROL  
MODULE (PCM)

TACM+

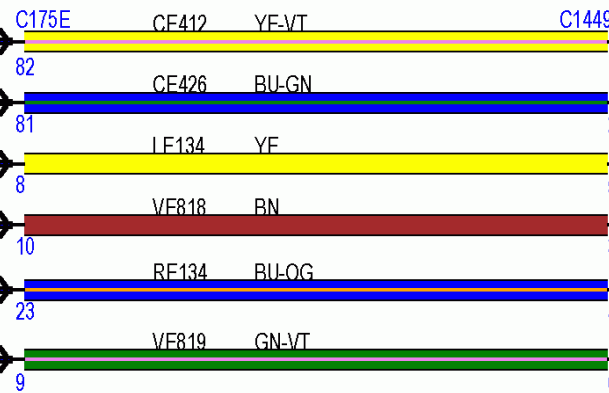
TACM-

ETCREF

TP1

ETCRTN

TP2



THROTTLE  
POSITION  
(TP) SENSOR

APPRTN1

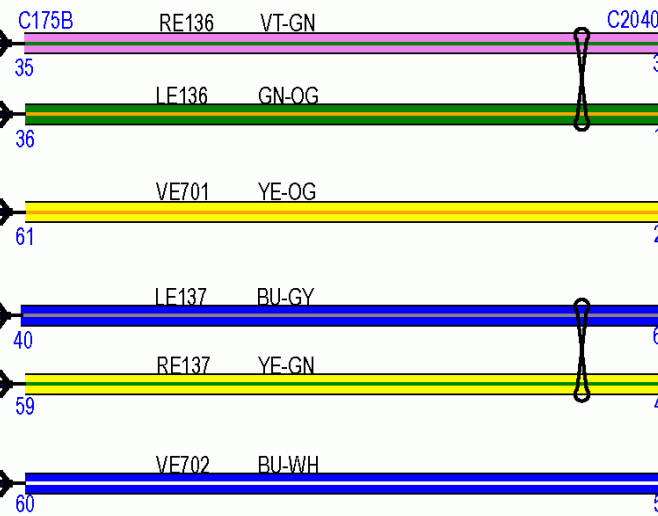
APPVREF1

APP1

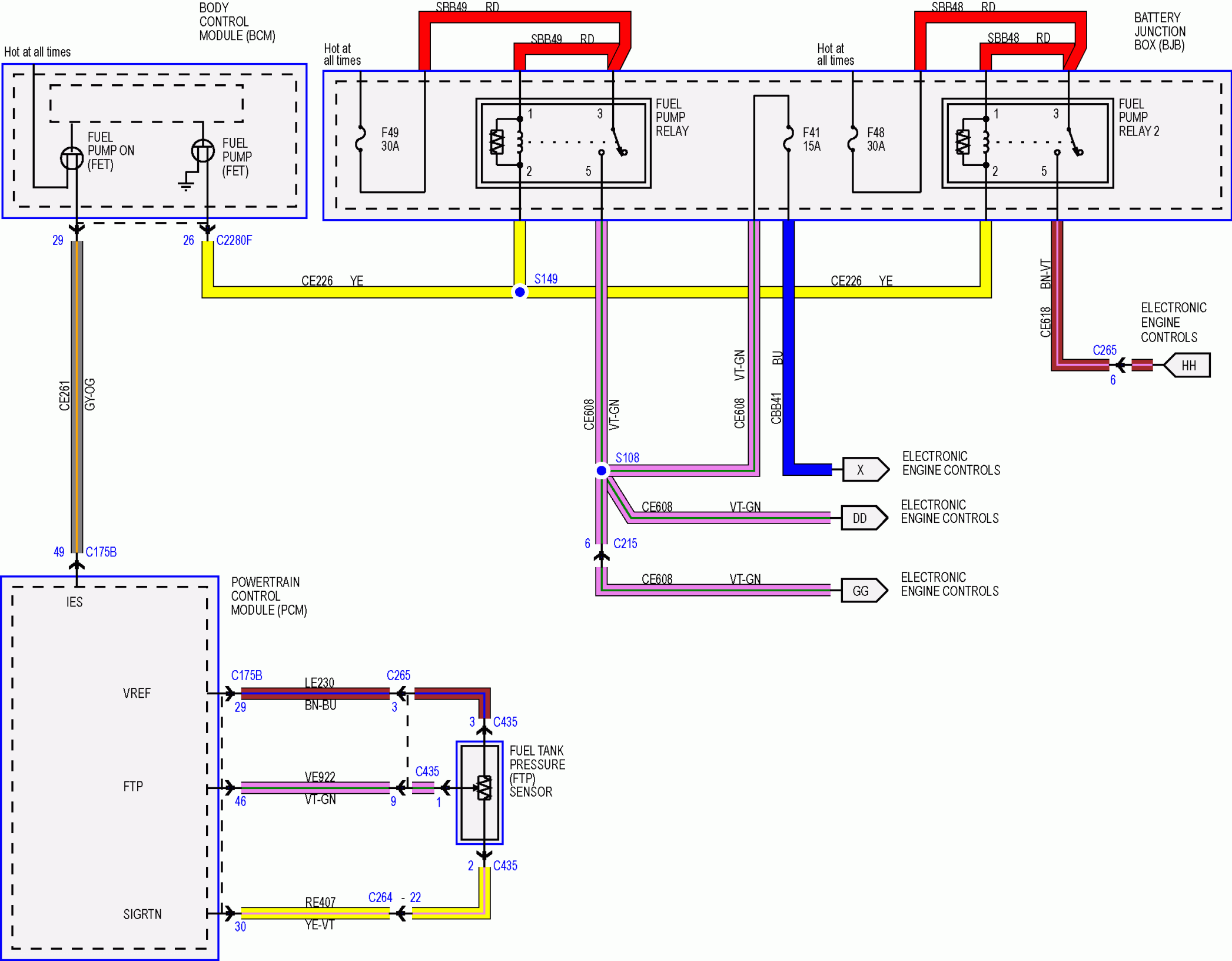
APPVREF2

APPRTN2

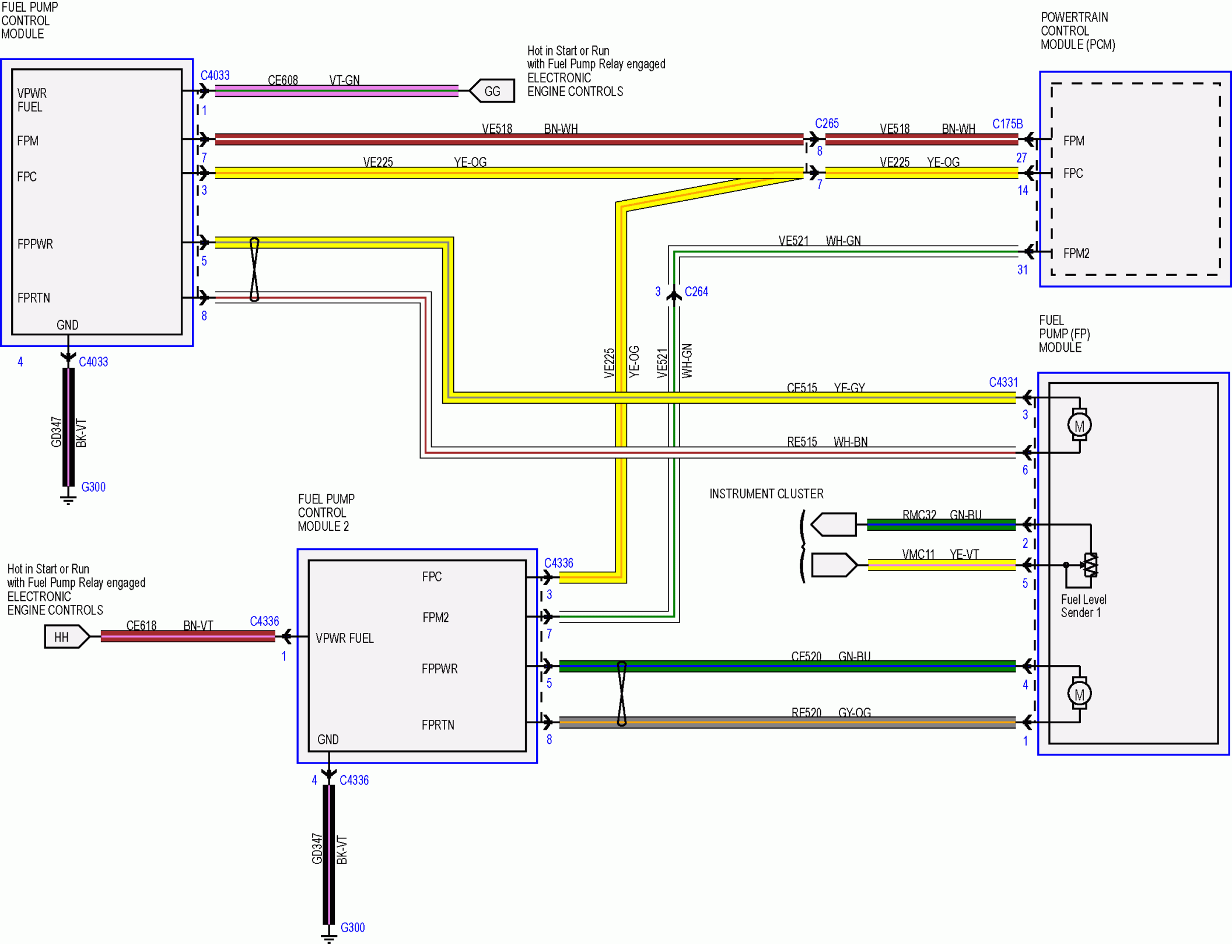
APP2



ACCELERATOR  
PEDAL POSITION  
(APP) SENSOR







Hot at all times

Hot in  
Start or Run

BATTERY  
JUNCTION  
BOX (BJB)

PCM  
POWER  
RELAY

DIFFERENTIAL  
FLUID PUMP  
RELAY

F46  
5A

F85  
15A

CE612  
GN-VT

CBK03  
GY

CBK03  
GY

GD123  
BK-GN

S121

G102

SBB46  
BN-RD

POWERTRAIN  
CONTROL  
MODULE (PCM)

SPEED  
COMMAND

DIAG

RDFT

ELECTRONIC  
ENGINE  
CONTROLS

DB

VET66  
GN

RE406  
GY-VT

4

21

VET66  
GN

RE406  
GY-VT

4

1

VET66  
GN

RE406  
GY-VT

4

1

VET66  
GN

RE406  
GY-VT

1

2

DIFFERENTIAL OIL  
TEMPERATURE  
SENSOR

S112

CBK03  
GY

3

4

5

12

4

2

9

10

1

DIFFERENTIAL  
PUMP

DIAG

SPEED  
COMMAND

BATT

RUN/  
START

GND

6

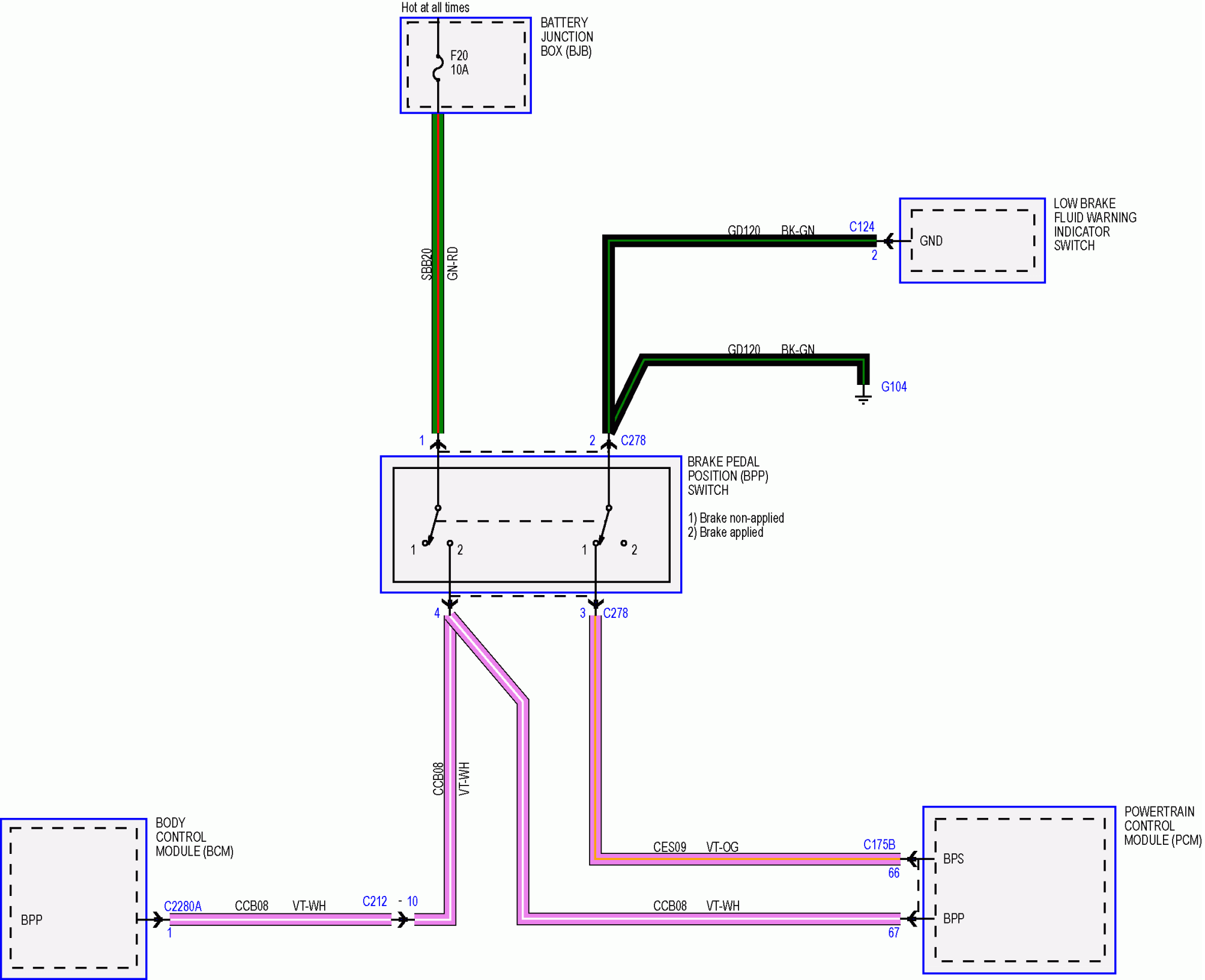
S342

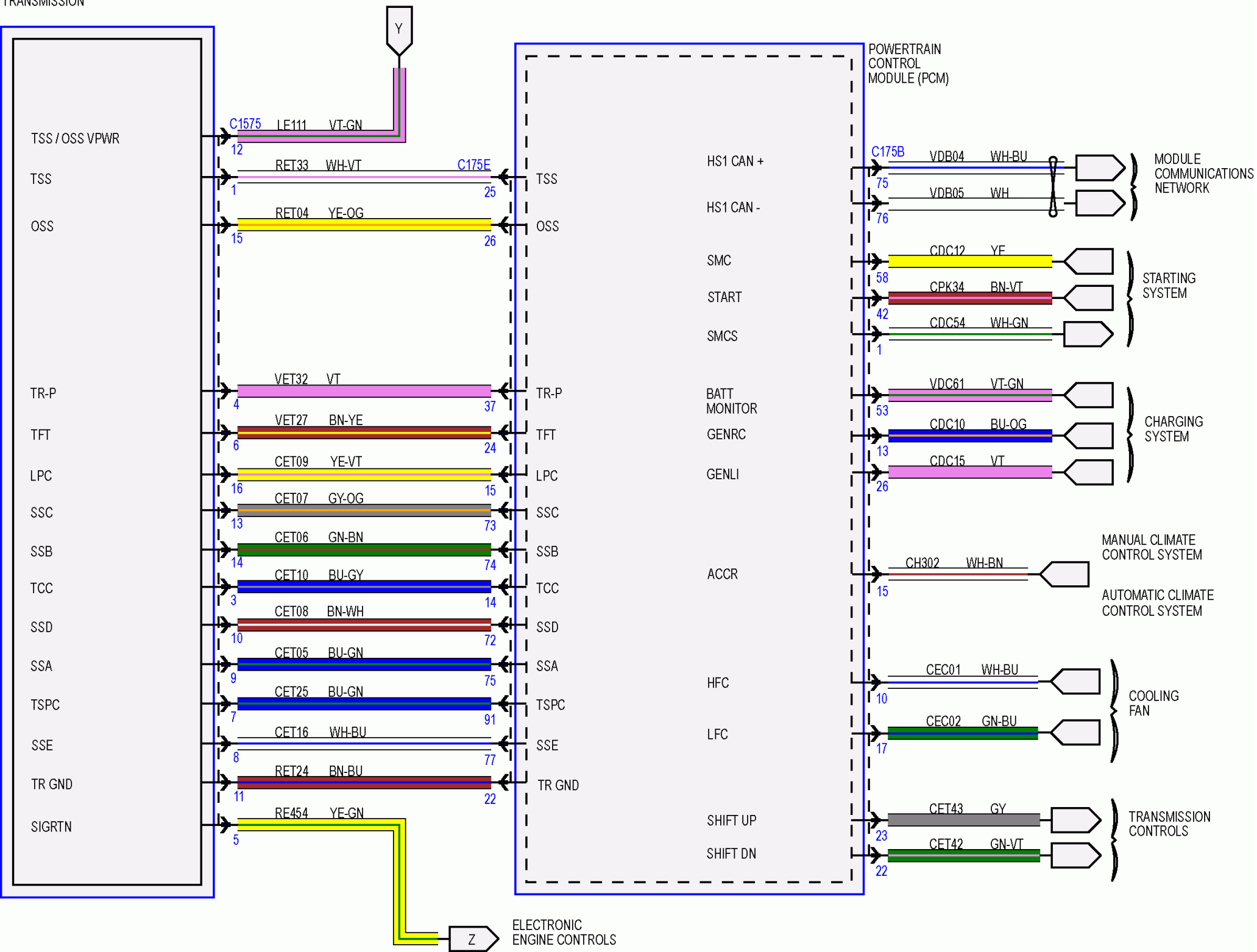
GD348  
BK-YE

C405 - 6

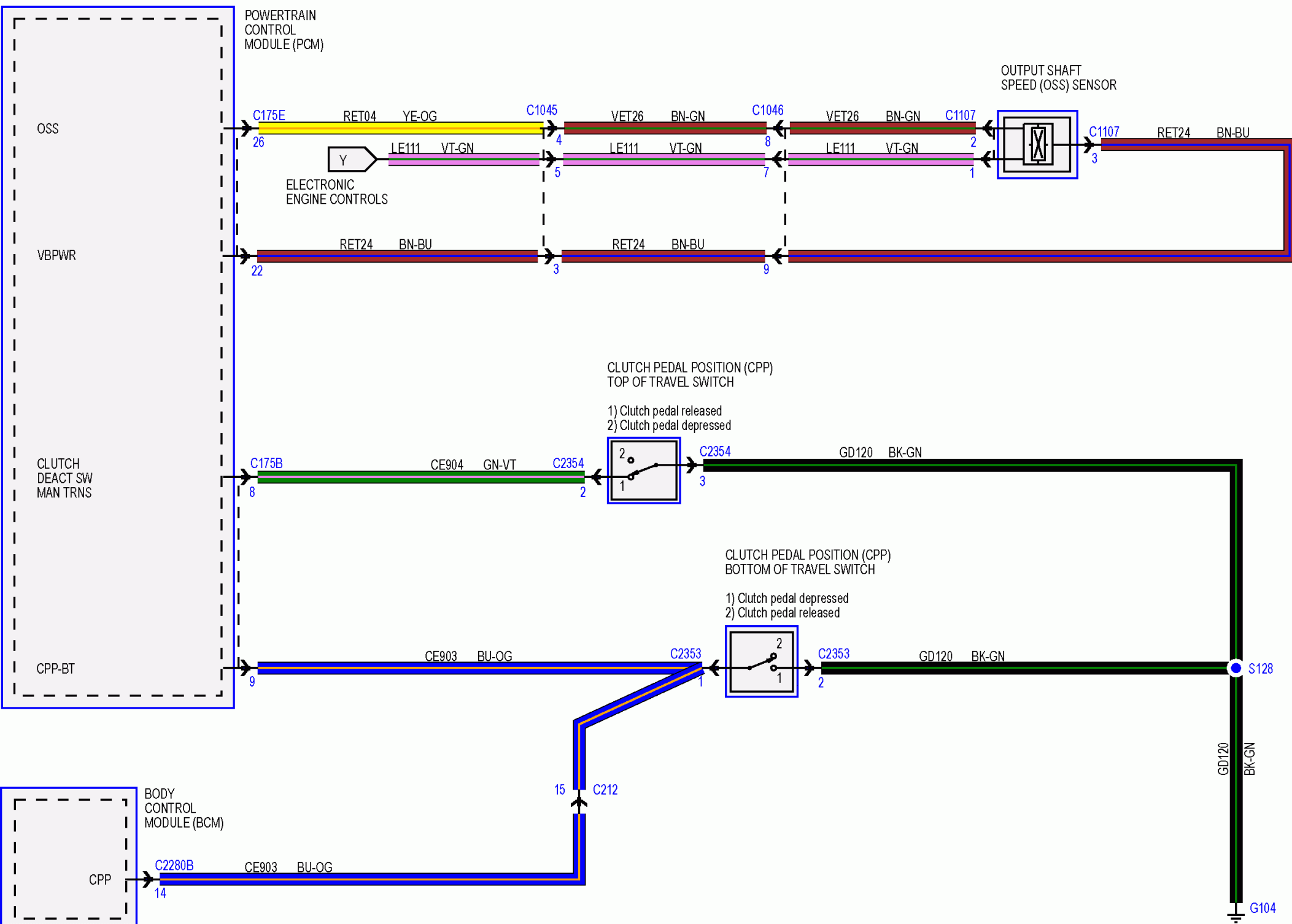
GD348  
BK-YE

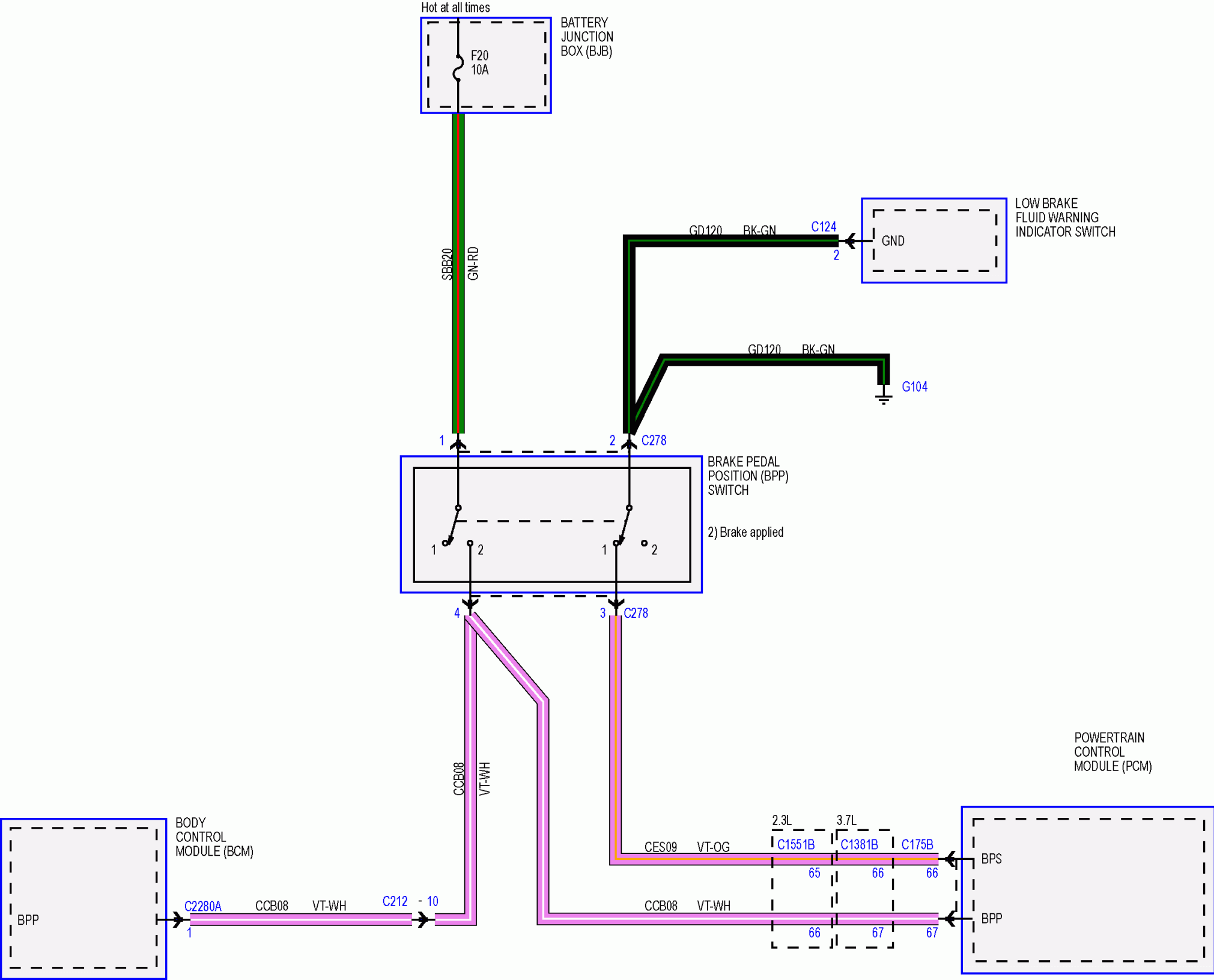
G402



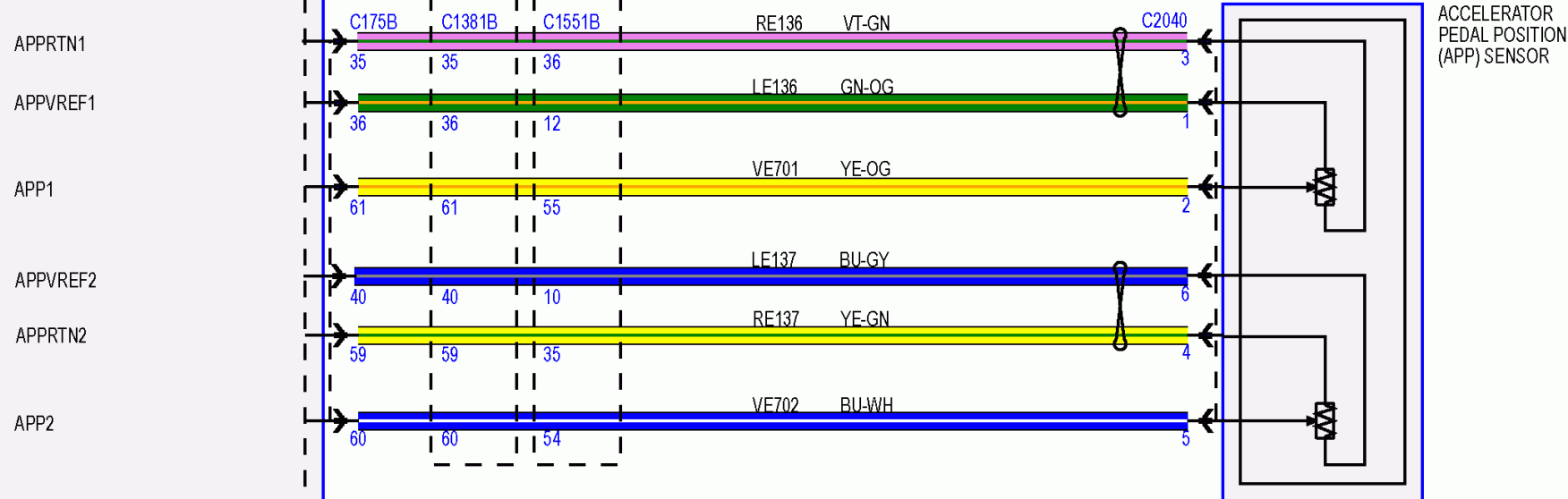
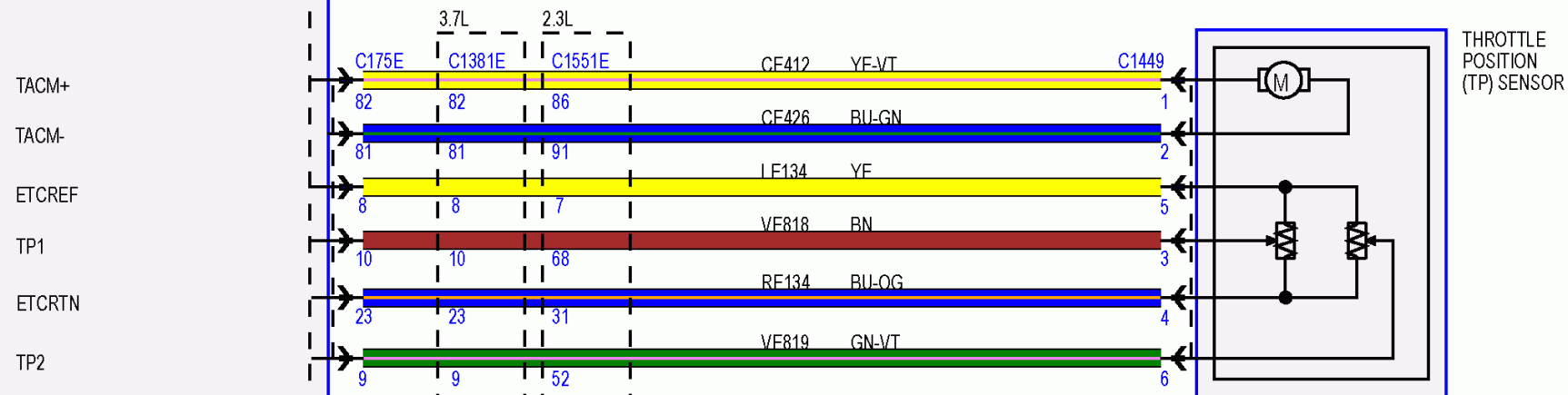


# MANUAL TRANSMISSION

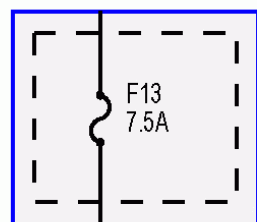




POWERTRAIN  
CONTROL  
MODULE (PCM)



Hot at all times



BODY  
CONTROL  
MODULE (BCM)

8 C2280A

SBP13  
GY-RD

S209

SBP13  
GY-RD

7 C226A

VBATT

STEERING COLUMN  
CONTROL MODULE  
(SCCM)

HS2 CAN +

C226A

VDB25

GN

3

HS2 CAN -

VDB26

GY

4

MODULE  
COMMUNICATIONS  
NETWORK

LOGIC  
GND

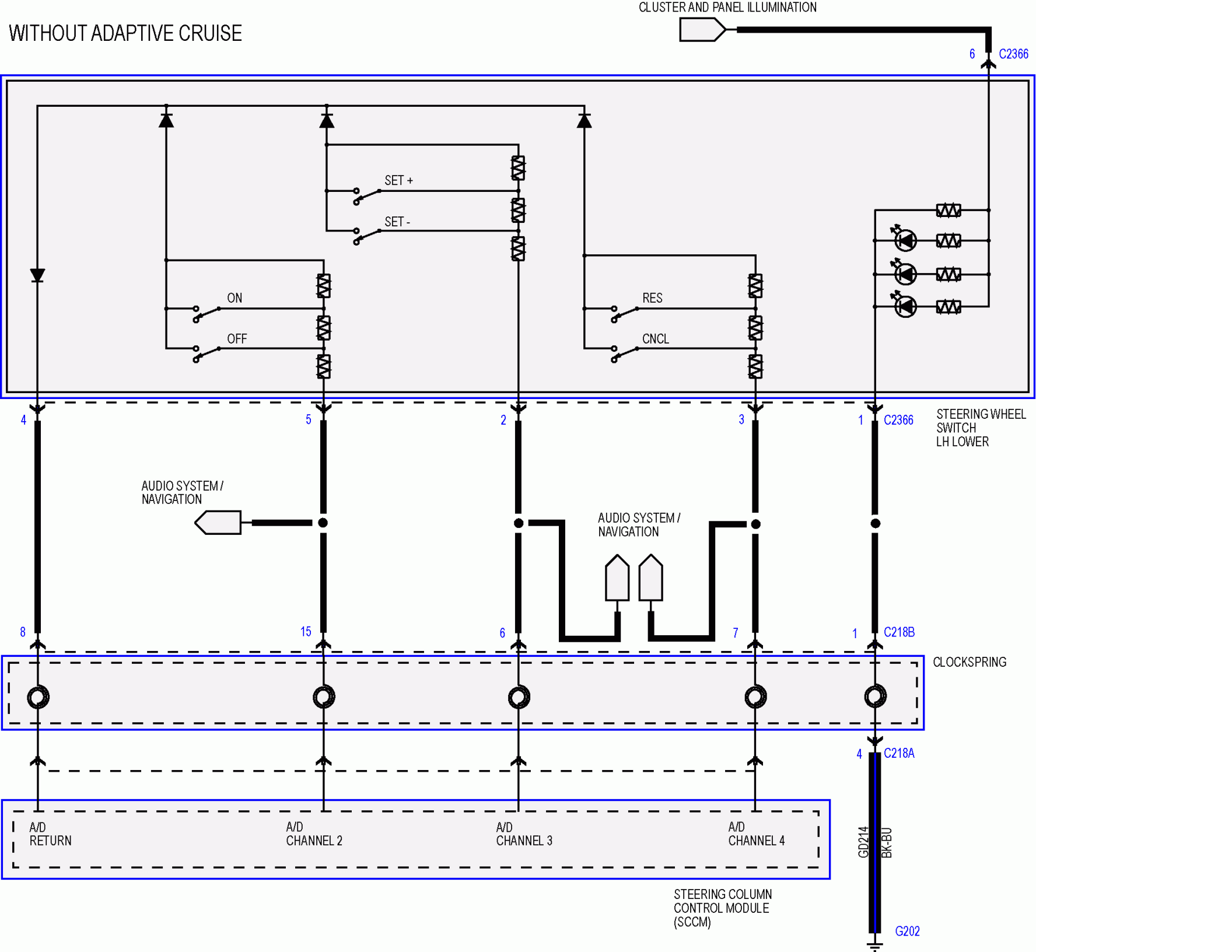
5 C226A

GD214  
BK-BU

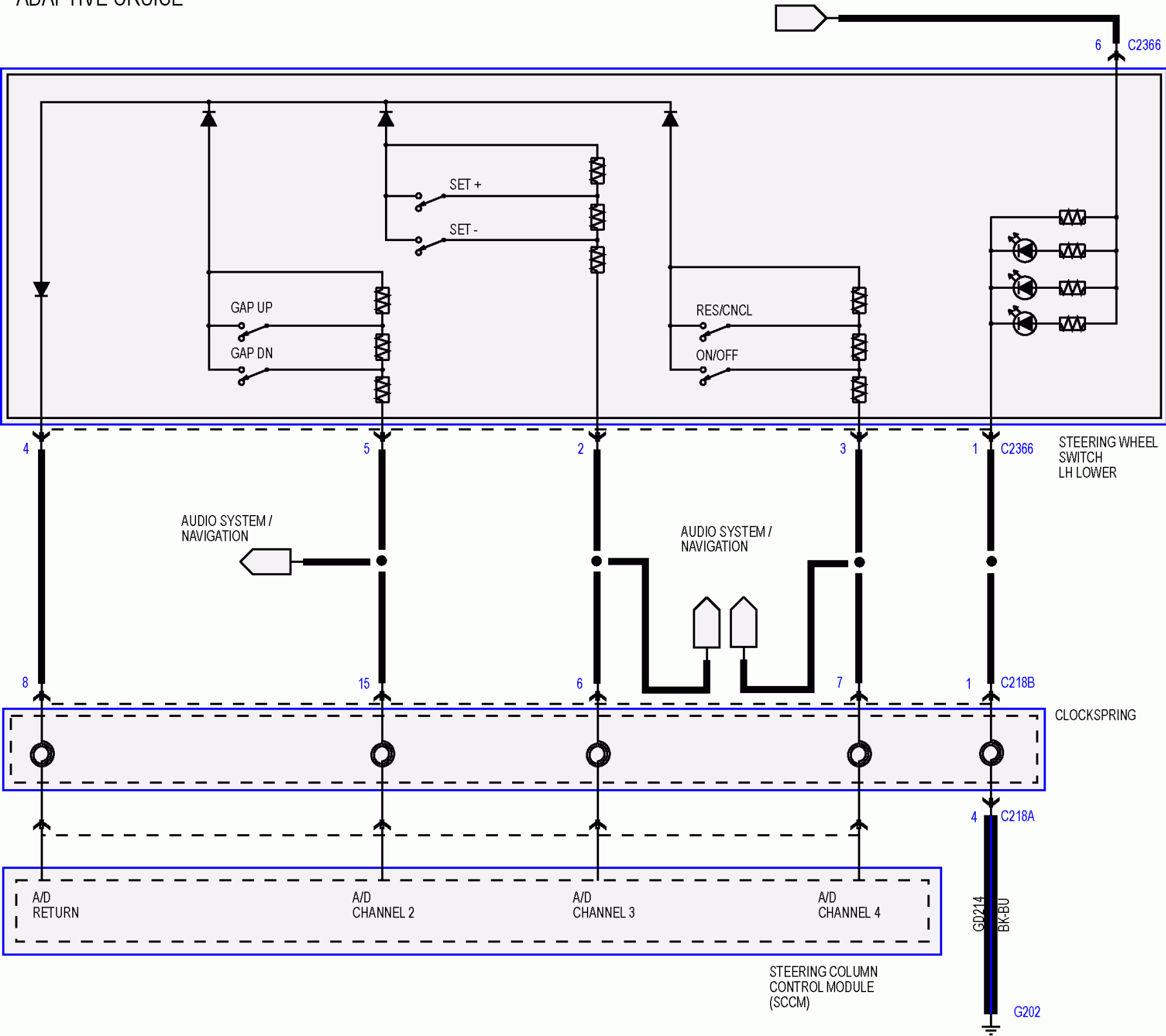
G202



WITHOUT ADAPTIVE CRUISE



## CLUSTER AND PANEL ILLUMINATION



### STEERING COLUMN CONTROL MODULE (SCCM)

# ADAPTIVE CRUISE

