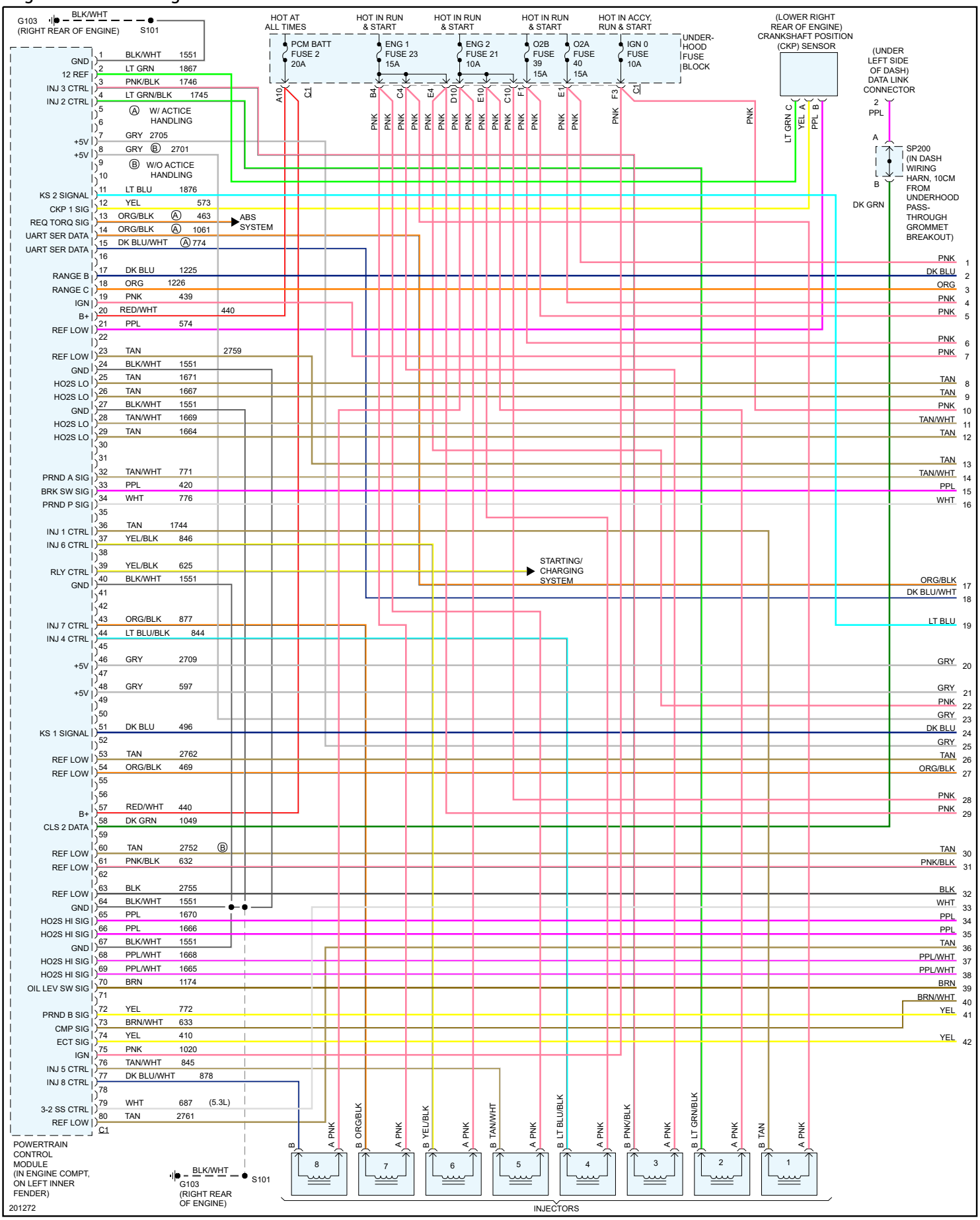
2006 Chevy Truck Express 2500 V8-6.0L VIN U

Vehicle > Powertrain Management > Diagrams > Electrical - Interactive Color (Non OE)

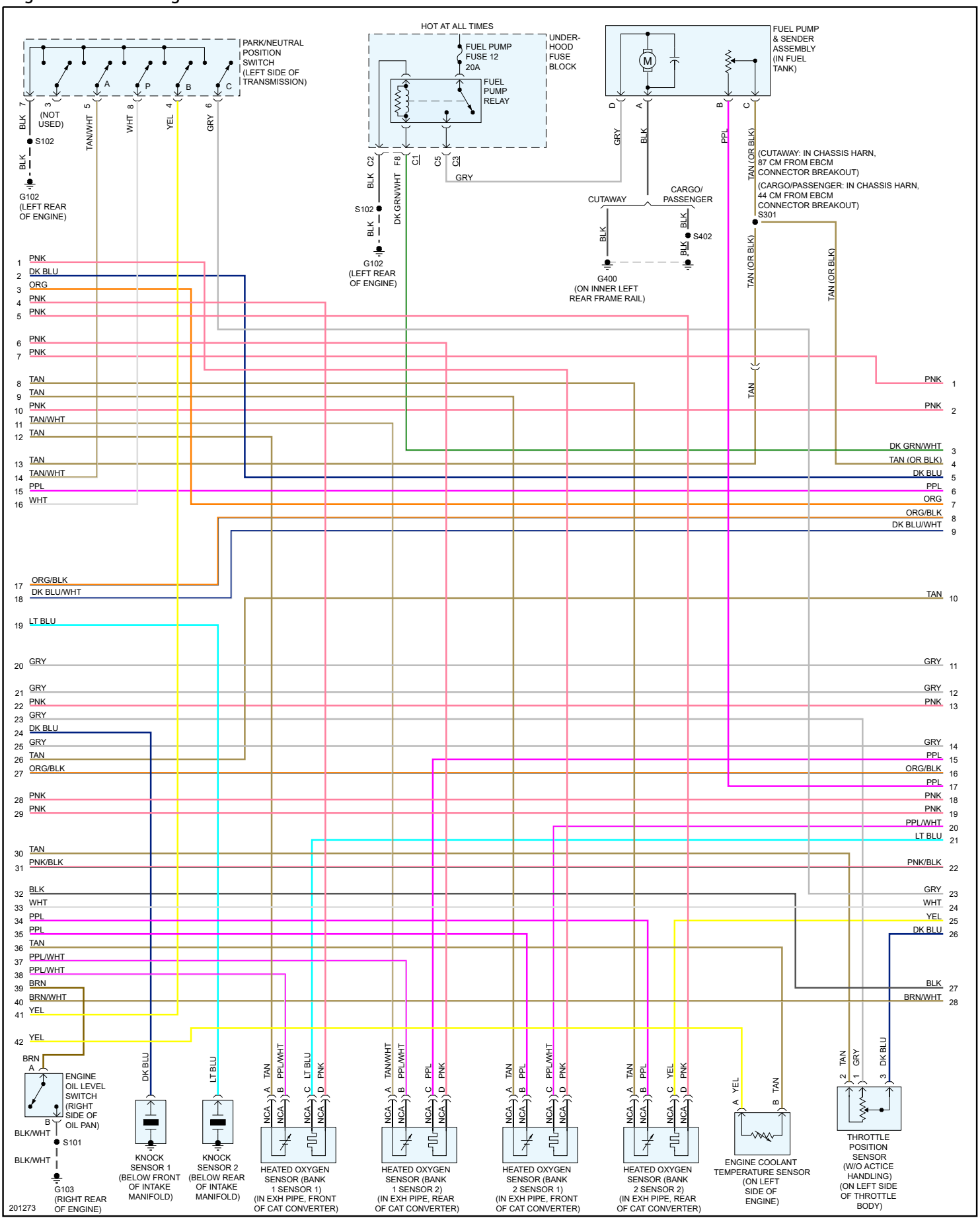
Engine Controls - Page 1 of 5



2006 Chevy Truck Express 2500 V8-6.0L VIN U

Vehicle > Powertrain Management > Diagrams > Electrical - Interactive Color (Non OE)

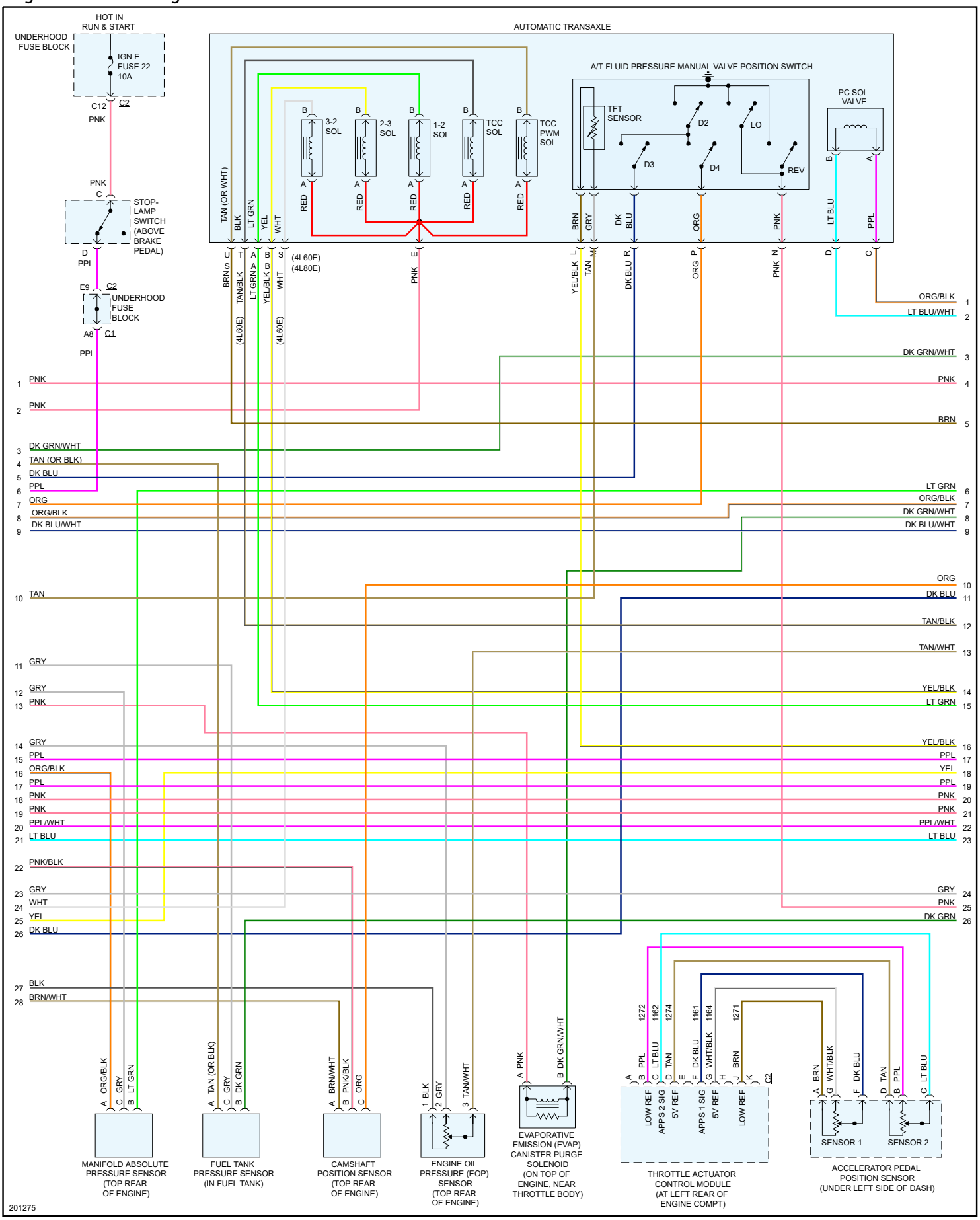
Engine Controls - Page 2 of 5

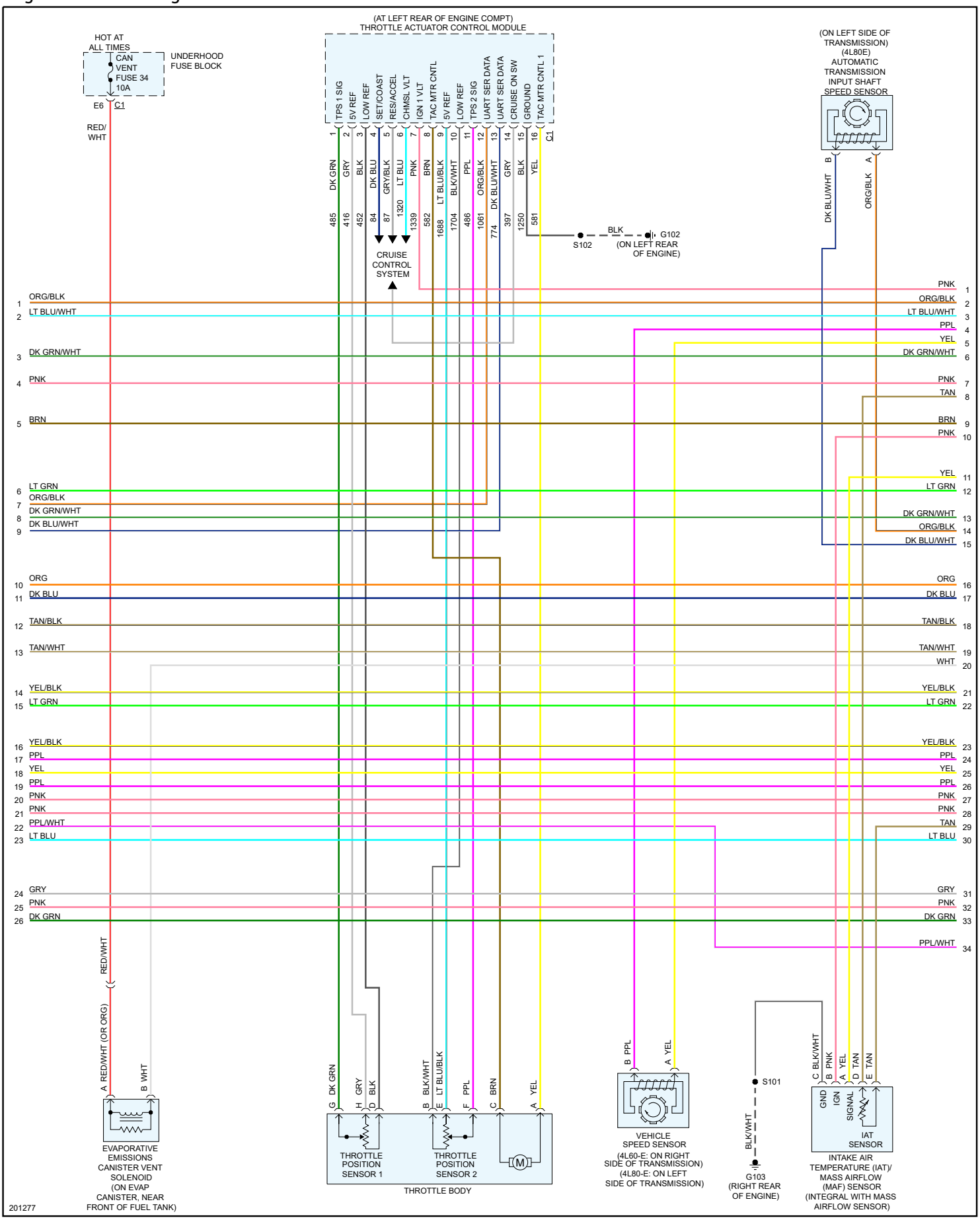


2006 Chevy Truck Express 2500 V8-6.0L VIN U

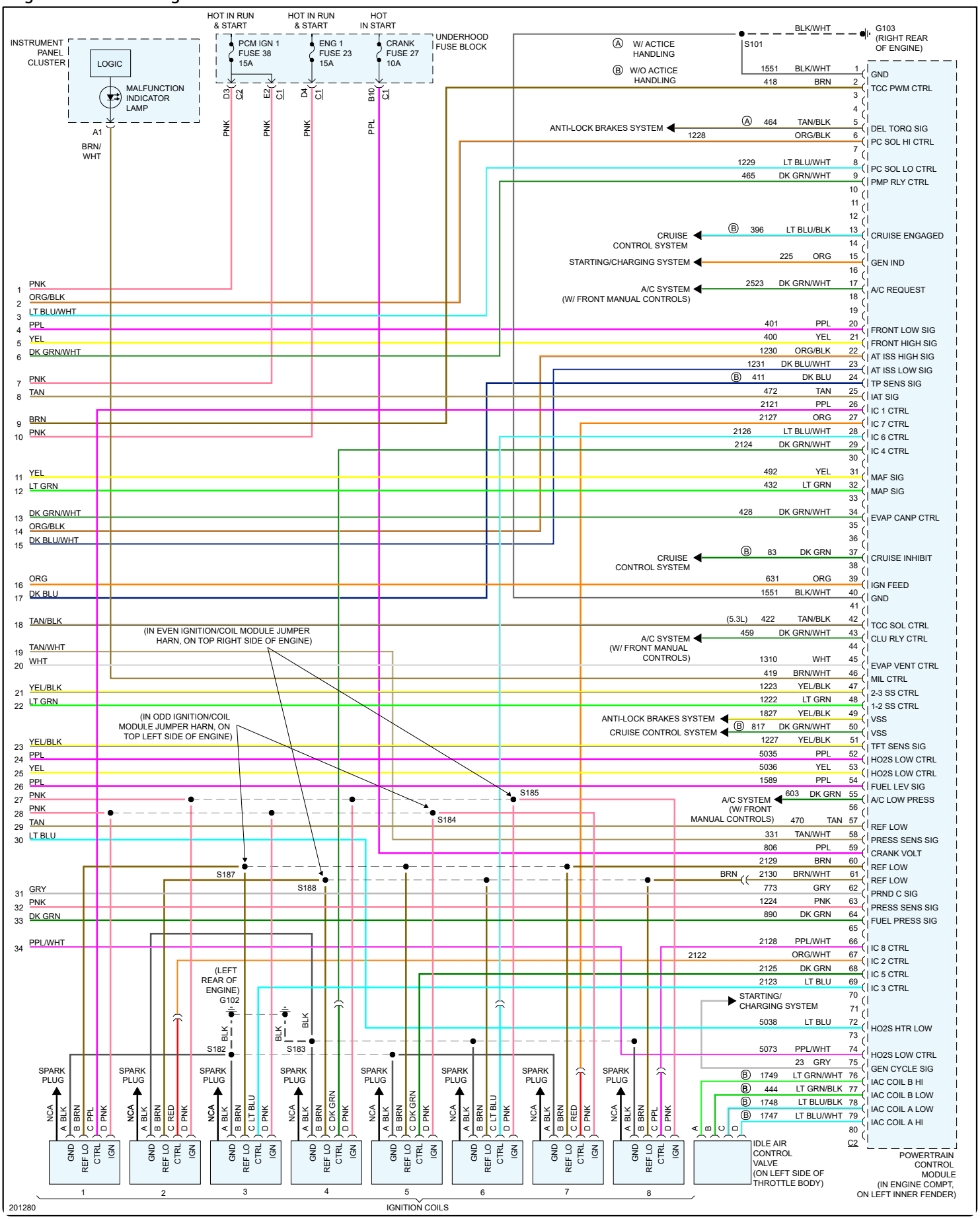
Vehicle > Powertrain Management > Diagrams > Electrical - Interactive Color (Non OE)

Engine Controls - Page 3 of 5




HOT AT ALL TIMES
CAN VENT FUSE 34 10A
UNDERHOOD FUSE BLOCK
E6
C1
RED/WHT
(AT LEFT REAR OF ENGINE COMPT)
THROTTLE ACTUATOR CONTROL MODULE
TPS 1 SIG
5V REF
LOW REF
SET/COAST
RES/ACCEL
CHMSL VLT
IGN 1 VLT
TAC MTR CNTL
5V REF
LOW REF
TPS 2 SIG
UART SER DATA
UART SER DATA
CRUISE ON SW
GROUND
TAC MTR CNTL 1
CRUISE CONTROL SYSTEM
S102
BLK
G102
(ON LEFT REAR OF ENGINE)
(ON LEFT SIDE OF TRANSMISSION) (4L80E) AUTOMATIC TRANSMISSION INPUT SHAFT SPEED SENSOR
DK BLU/WHT
ORG/BLK
ORG/BLK
LT BLU/WHT
DK GRN/WHT
PNK
BRN
LT GRN
ORG/BLK
DK GRN/WHT
DK BLU/WHT
ORG
DK BLU
TAN/BLK
TAN/WHT
YEL/BLK
LT GRN
YEL/BLK
PPL
YEL
PPL
PNK
PNK
PPL/WHT
LT BLU
GRY
PNK
DK GRN
PNK
TAN
WHT
PPL/WHT
RED/WHT
A RED/WHT (OR ORG)
B WHT
EVAPORATIVE EMISSIONS CANISTER VENT SOLENOID (ON EVAP CANISTER, NEAR FRONT OF FUEL TANK)
THROTTLE POSITION SENSOR 1
THROTTLE POSITION SENSOR 2
THROTTLE BODY
VEHICLE SPEED SENSOR (4L60-E: ON RIGHT SIDE OF TRANSMISSION) (4L80-E: ON LEFT SIDE OF TRANSMISSION)
S101
BLK/WHT
G103 (RIGHT REAR OF ENGINE)
GND
IGN
SIGNAL
IAT SENSOR
INTAKE AIR TEMPERATURE (IAT)/ MASS AIRFLOW (MAF) SENSOR (INTEGRAL WITH MASS AIRFLOW SENSOR)
201277

2006 Chevy Truck Express 2500 V8-6.0L VIN U

Vehicle > Powertrain Management > Diagrams > Electrical - Interactive Color (Non OE)

Engine Controls - Page 5 of 5