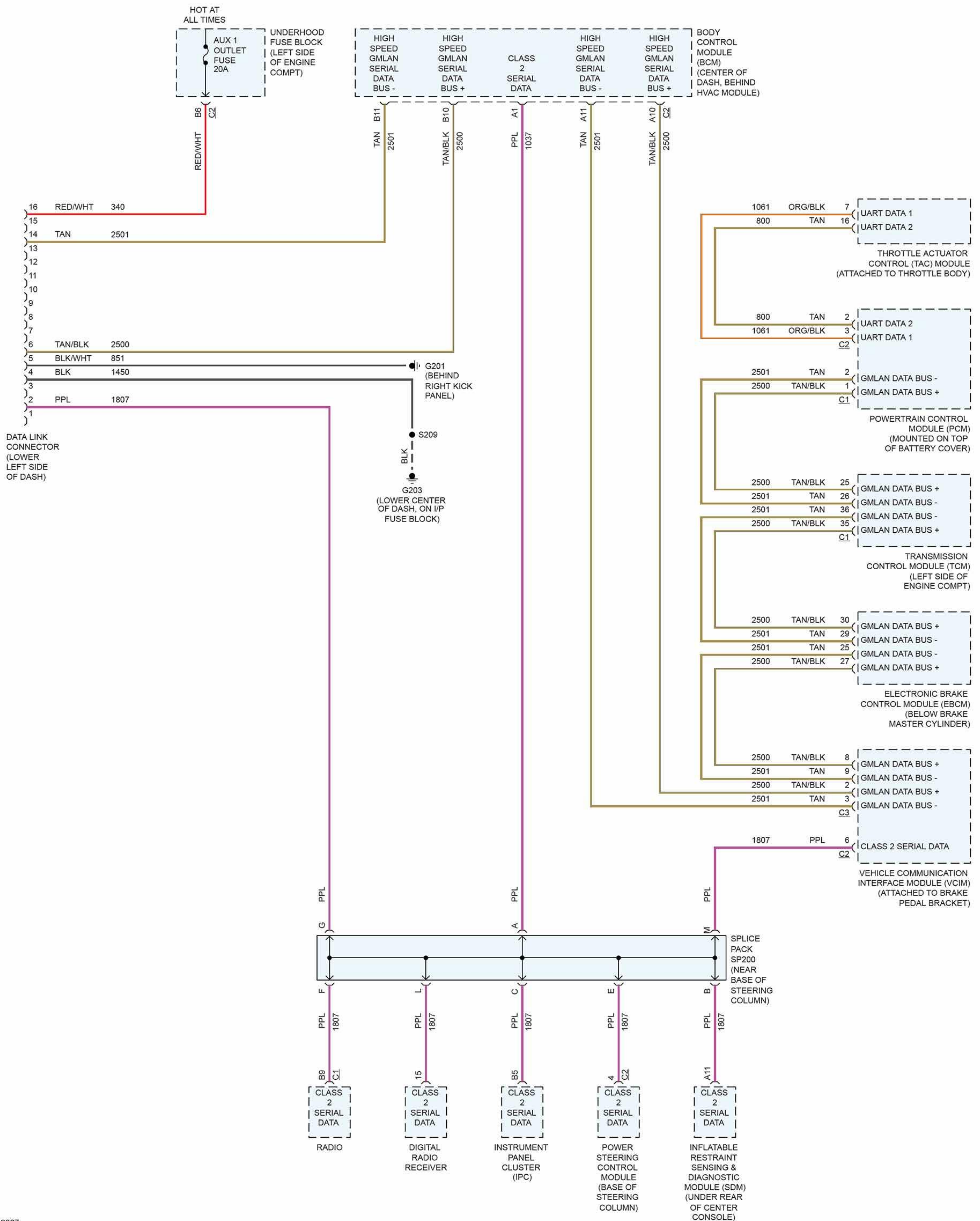
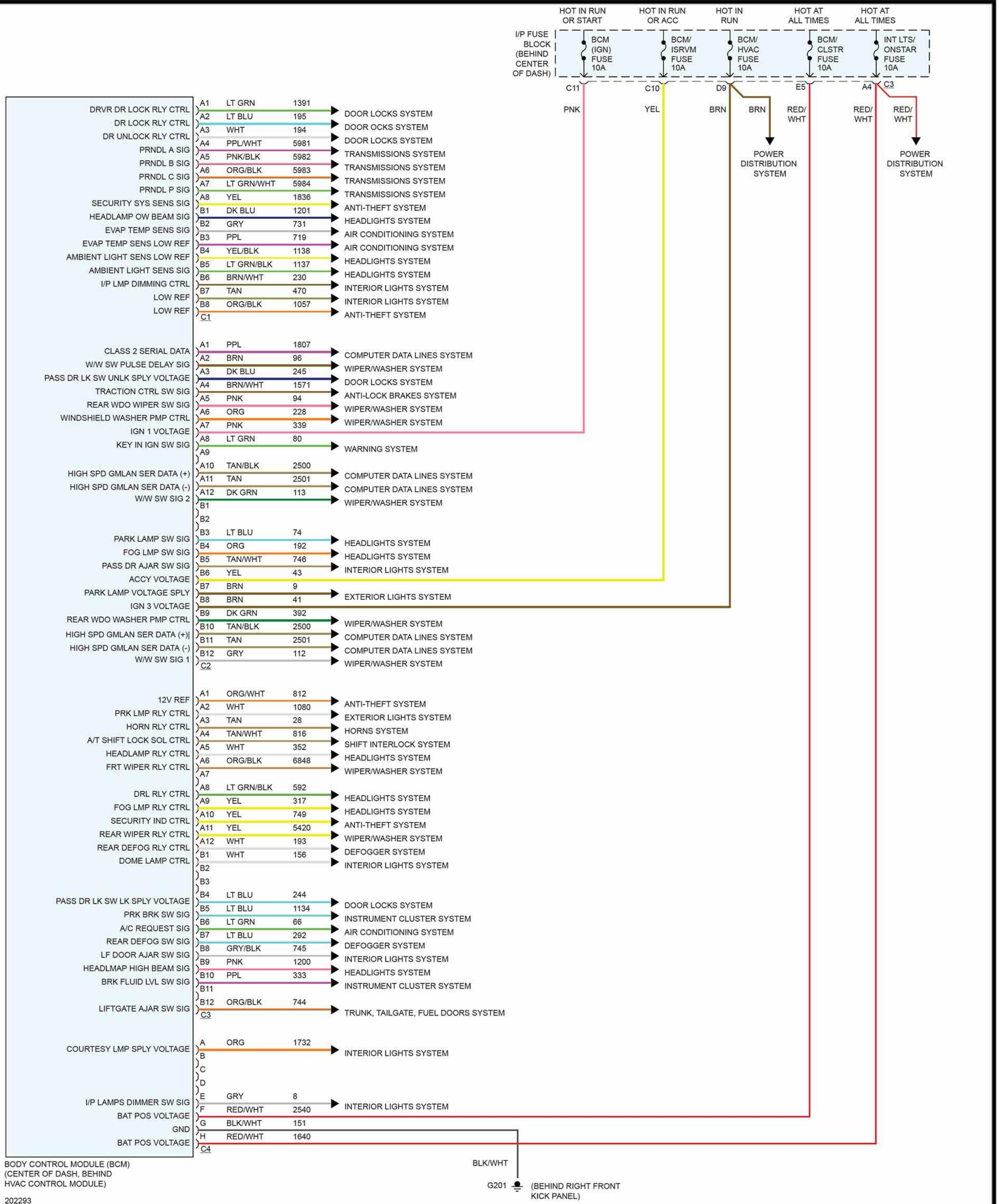


2005 CHEVROLET EQUINOX AWD V6-3.4L - COMPUTER DATA LINES

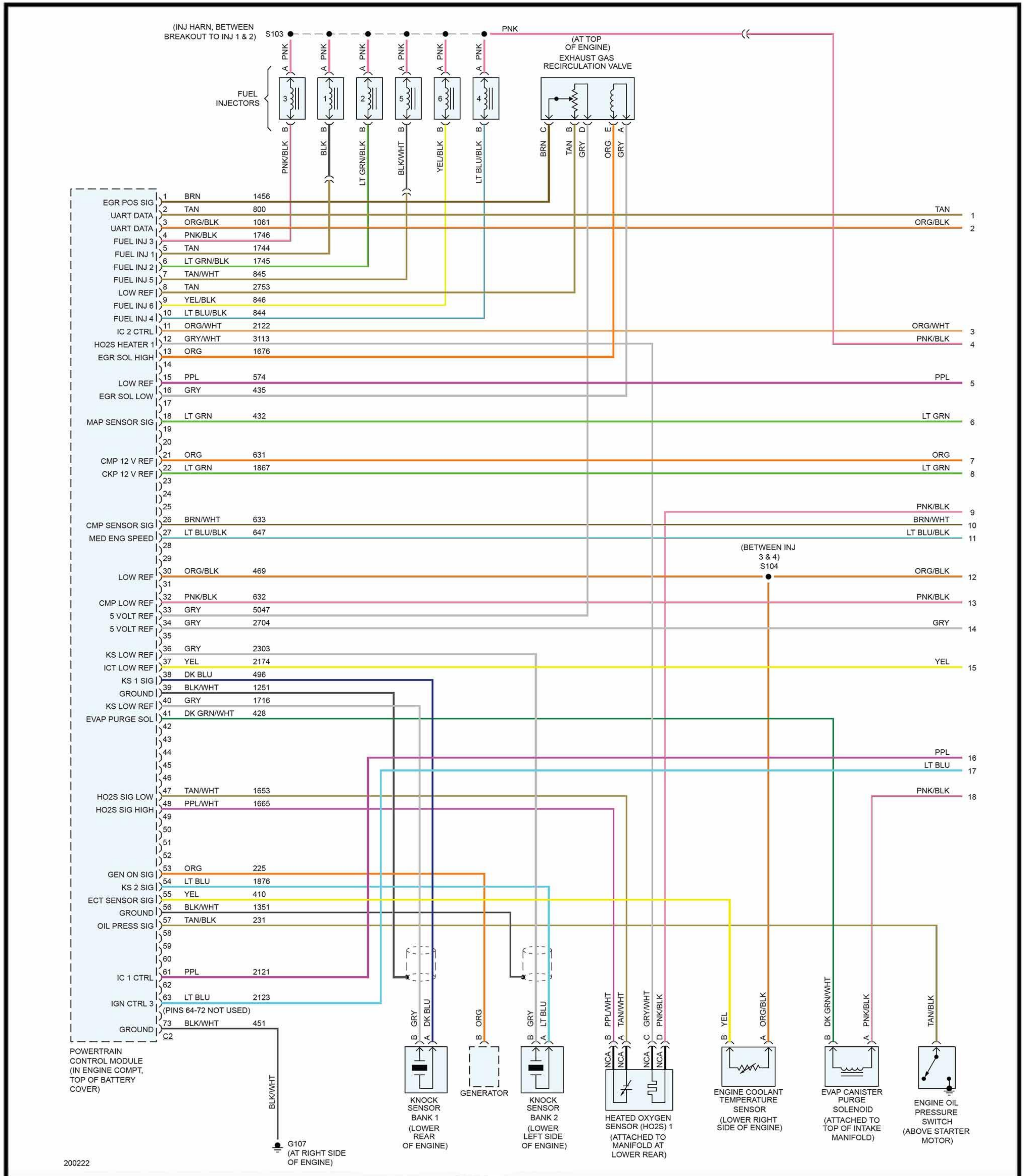


202867

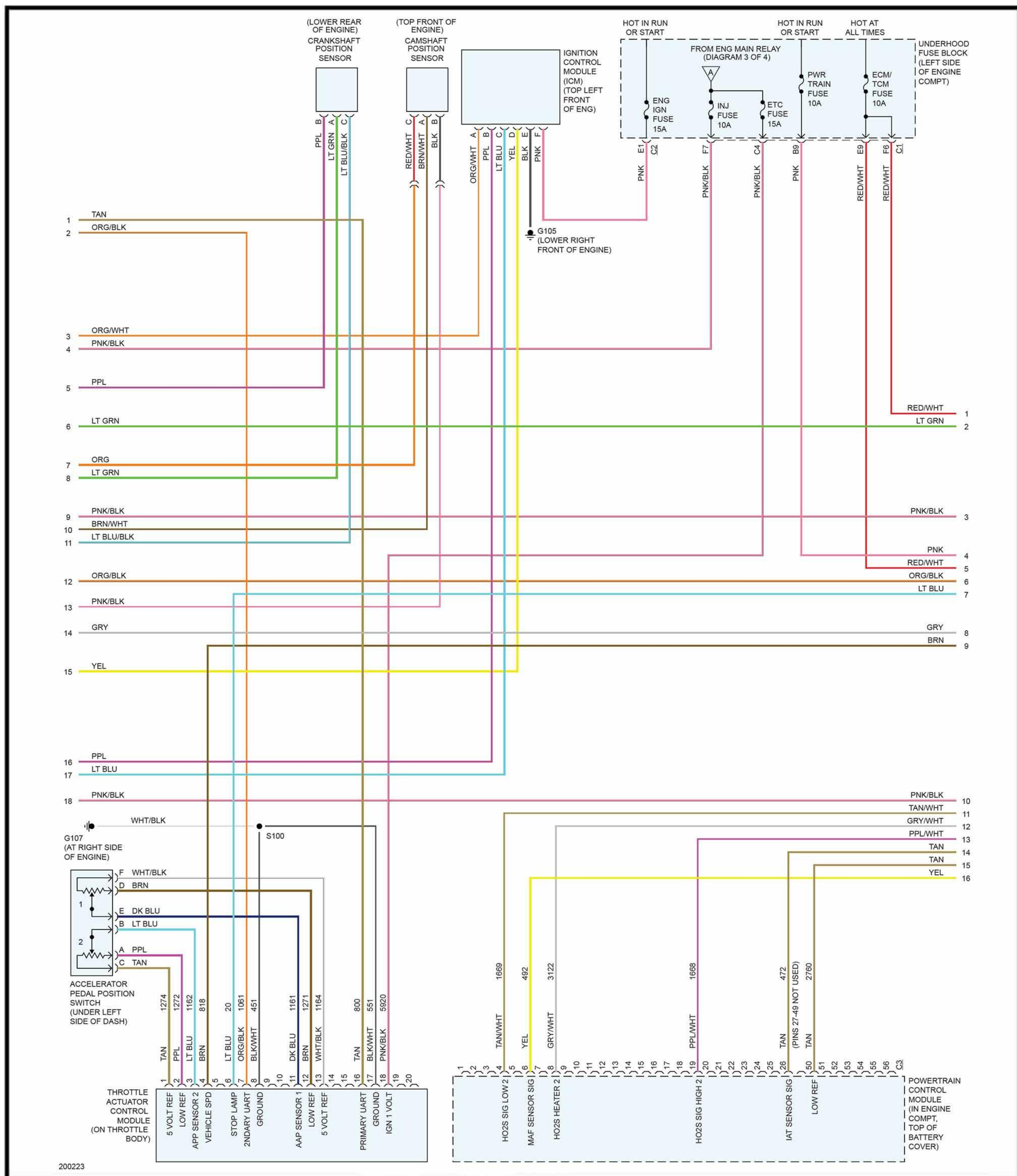
2005 CHEVROLET EQUINOX AWD V6-3.4L - BODY CONTROL MODULE



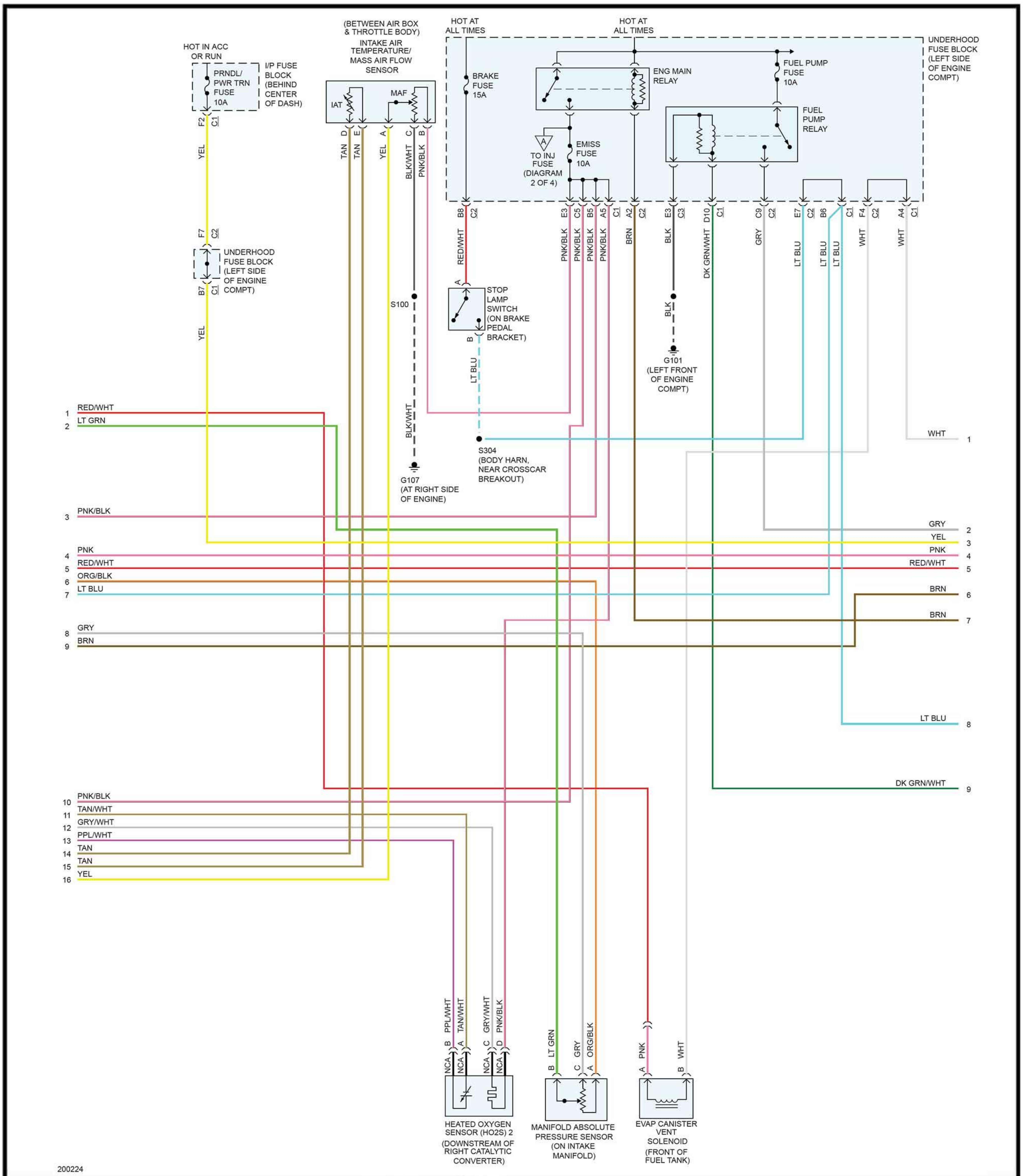
2005 CHEVROLET EQUINOX AWD V6-3.4L - ENGINE CONTROL MODULE



2005 CHEVROLET EQUINOX AWD V6-3.4L - ENGINE CONTROL MODULE

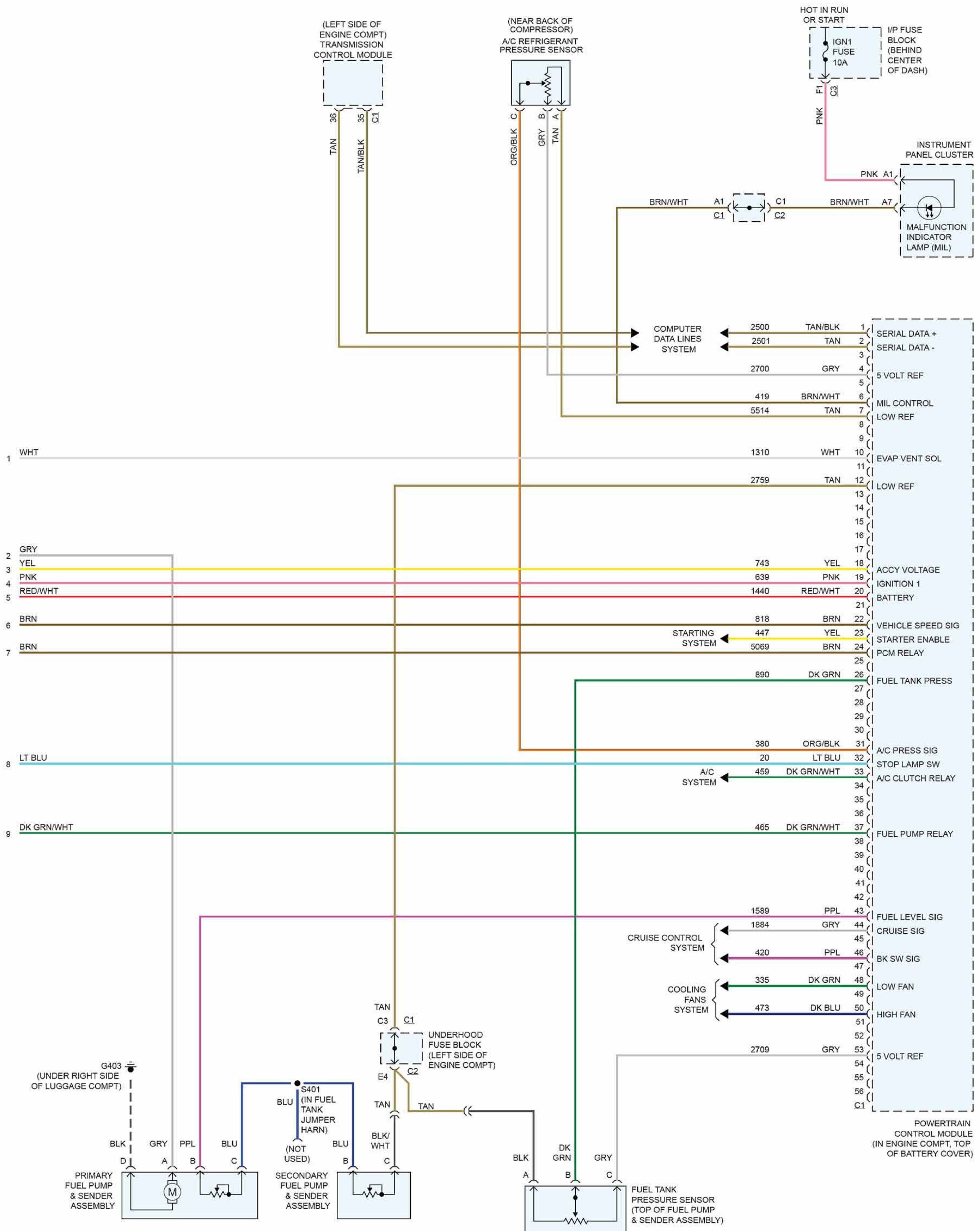


2005 CHEVROLET EQUINOX AWD V6-3.4L - ENGINE CONTROL MODULE



200224

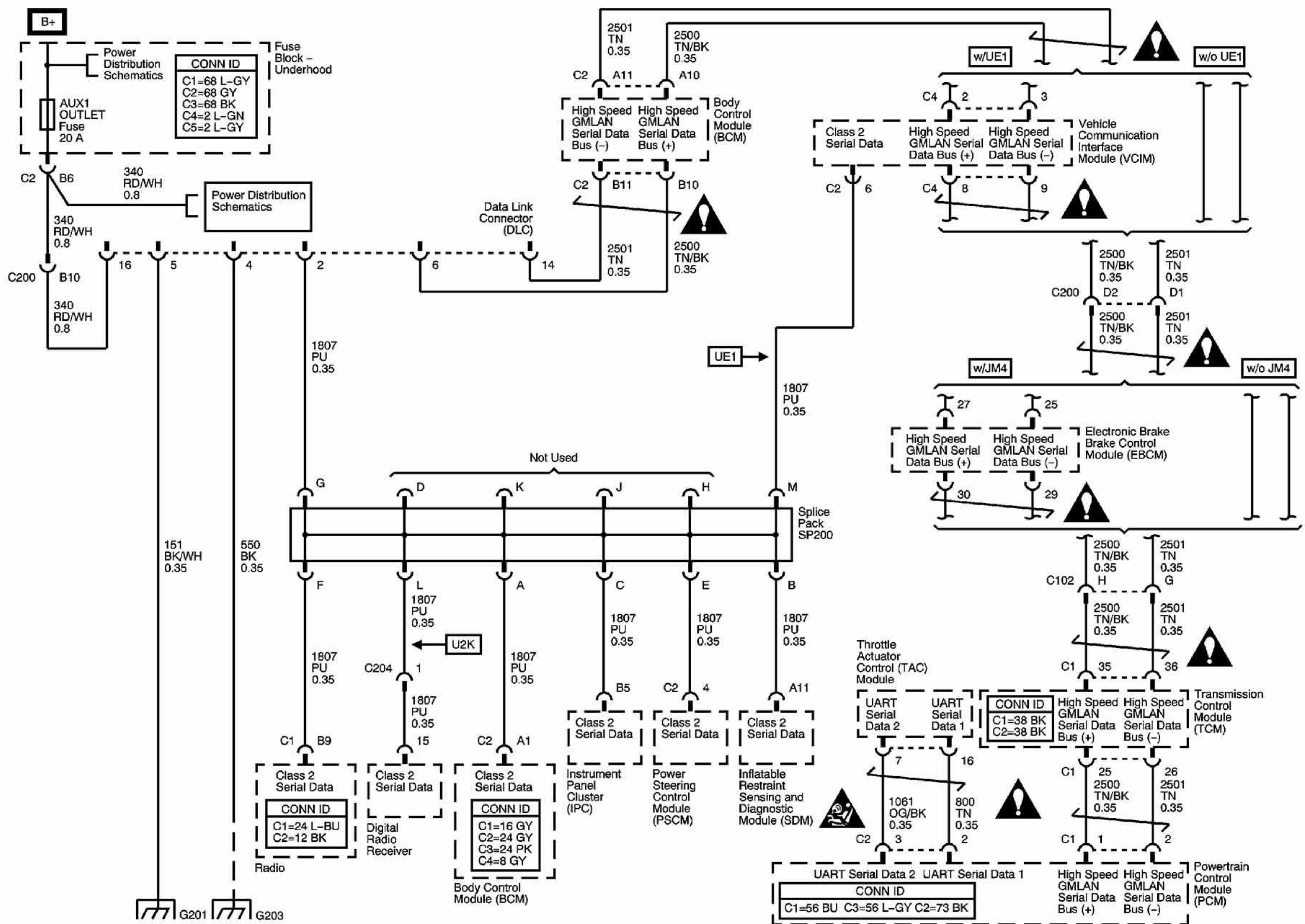
2005 CHEVROLET EQUINOX AWD V6-3.4L - ENGINE CONTROL MODULE



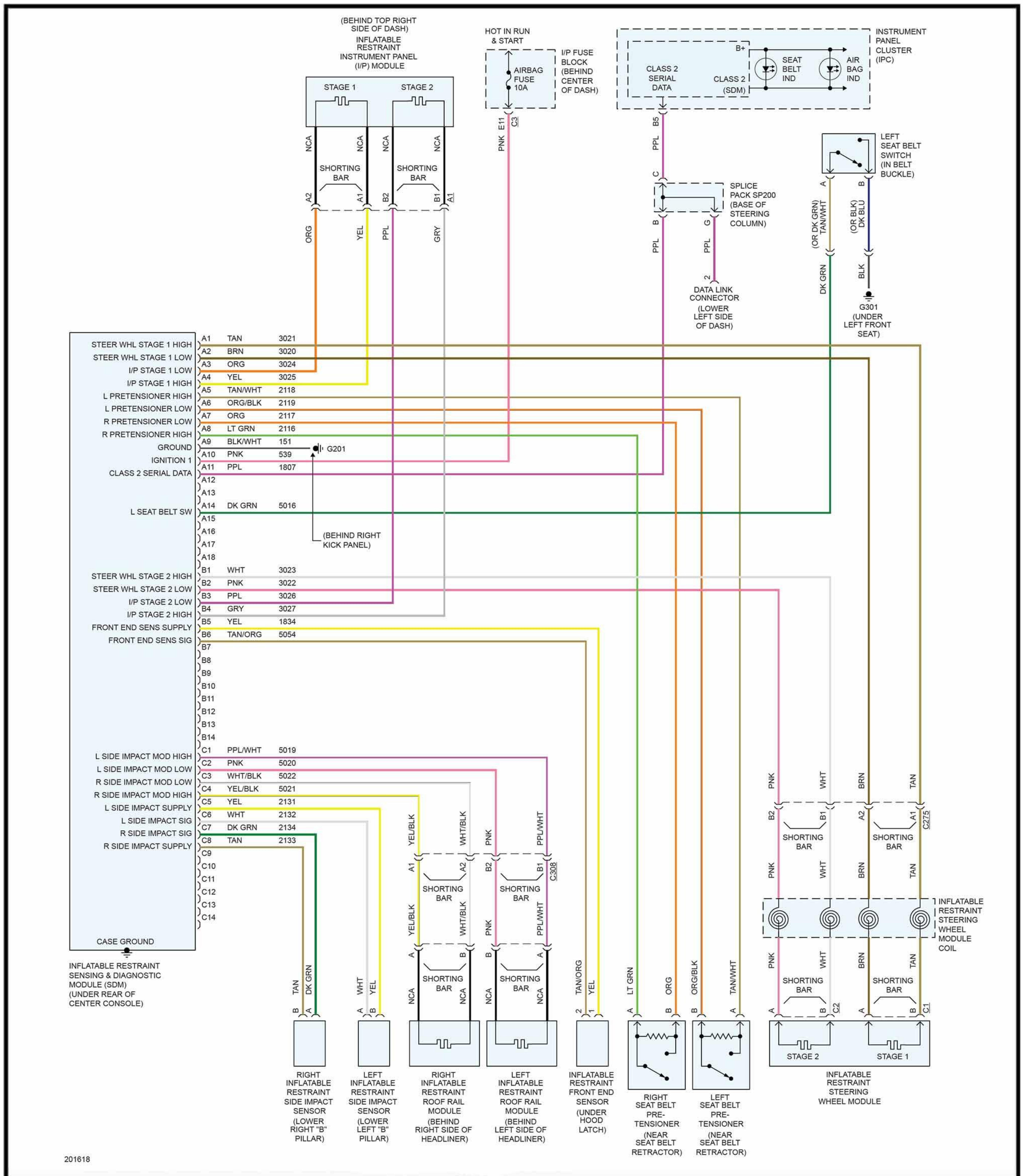
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2005 CHEVROLET EQUINOX AWD V6-3.4L - DATA LINK CONNECTOR

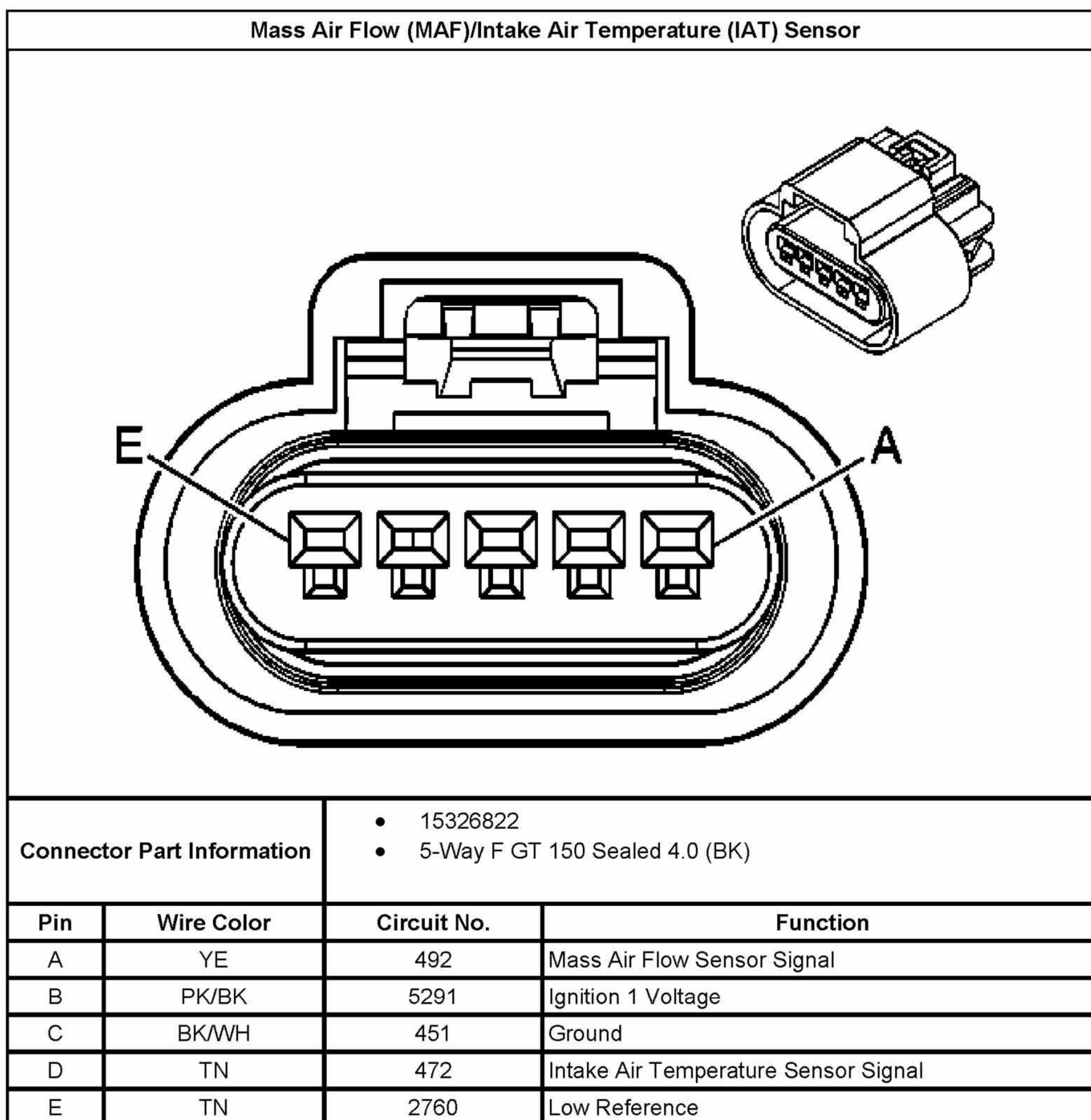
Data Link Connector (DLC) Schematics



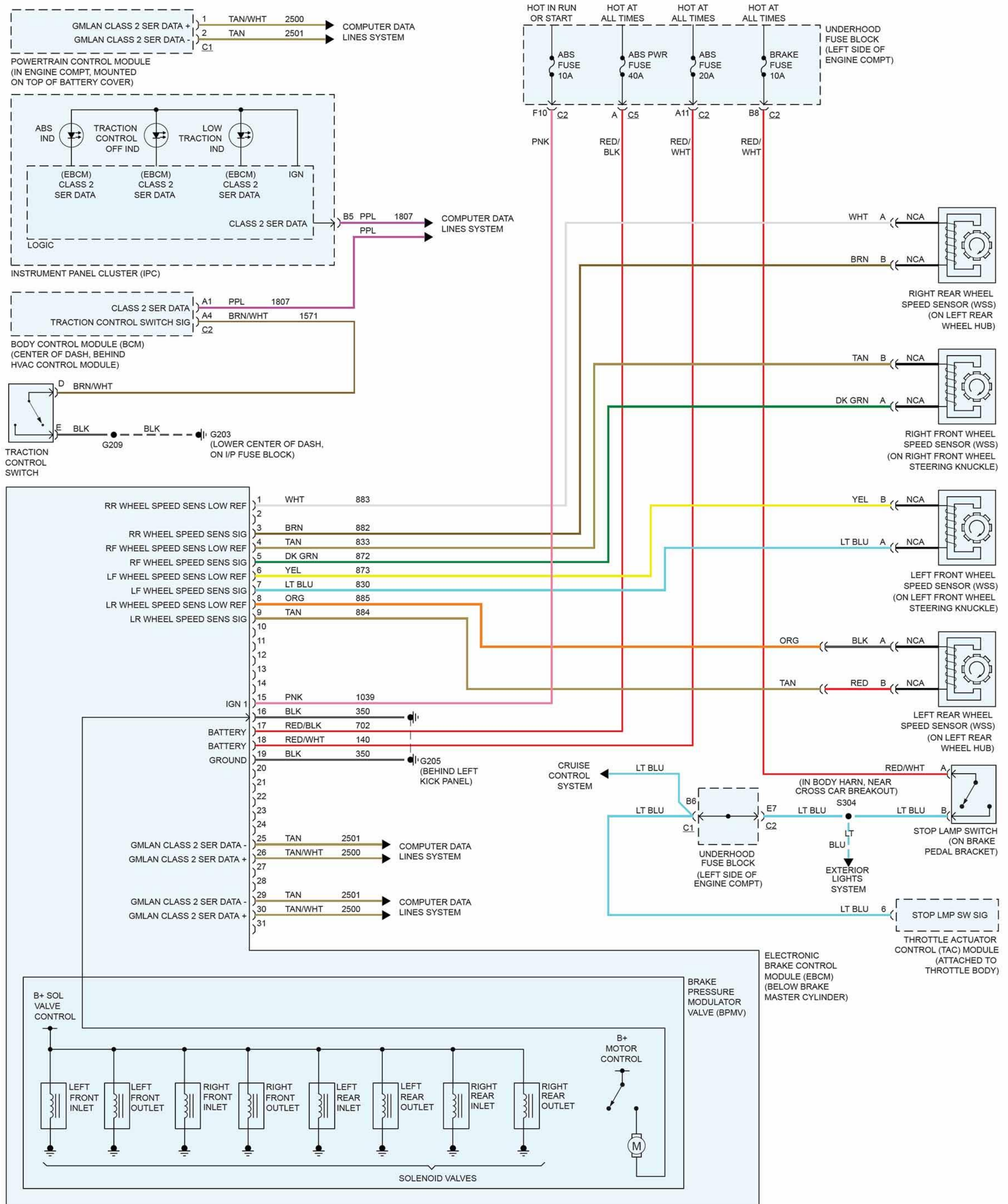
2005 CHEVROLET EQUINOX AWD V6-3.4L - AIR BAG CONTROL MODULE



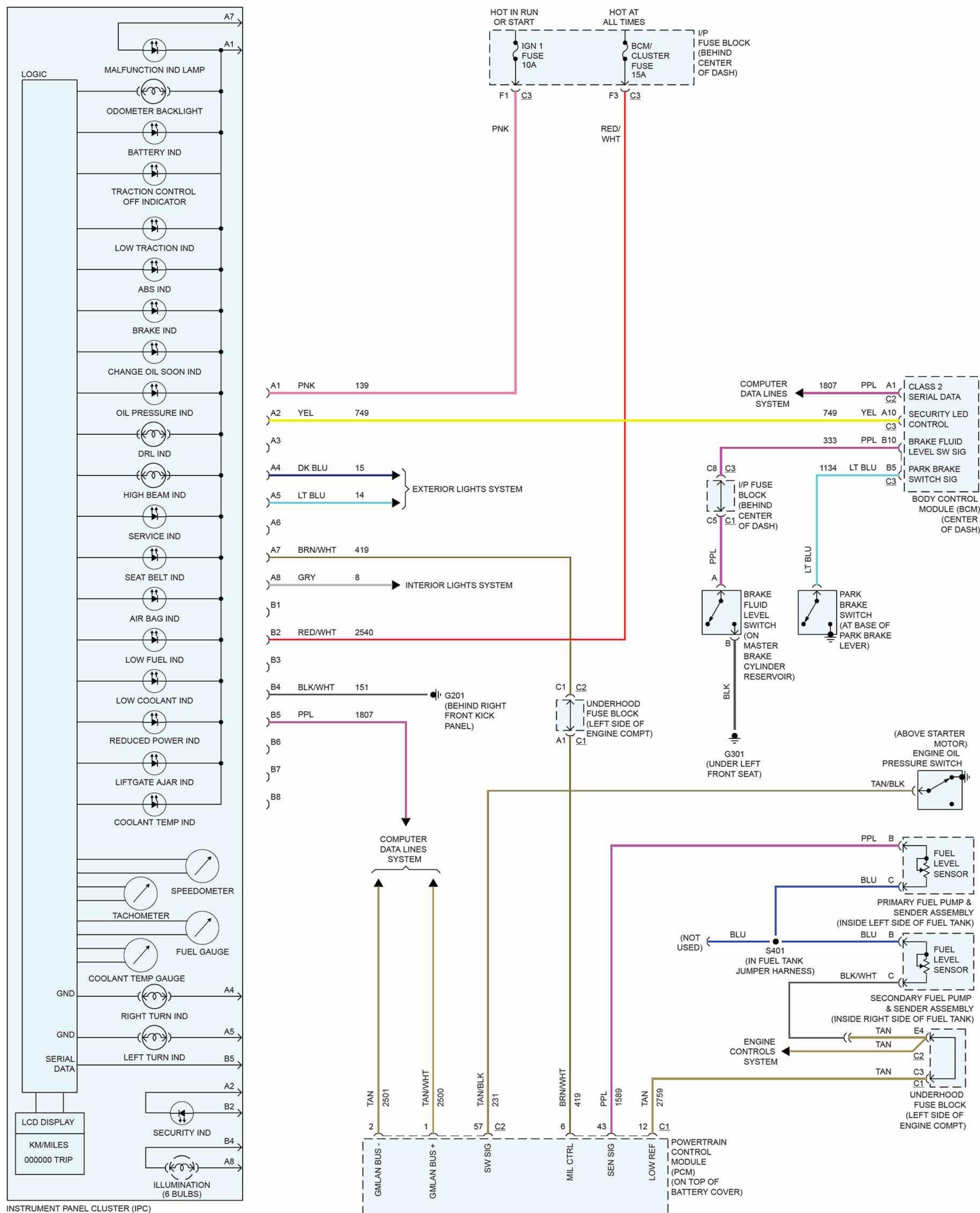
2005 CHEVROLET EQUINOX AWD V6-3.4L - MASS AIR FLOW



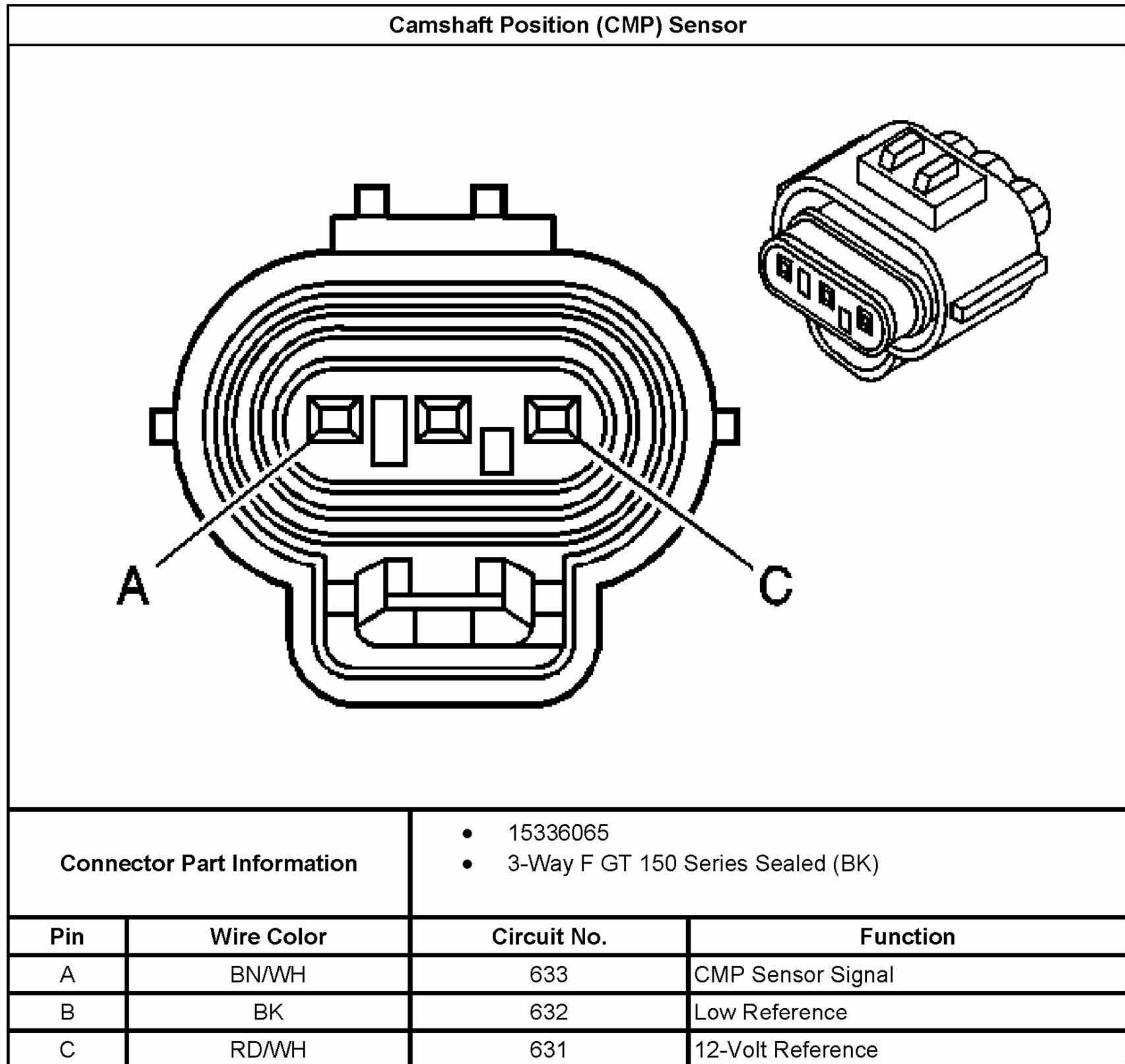
2005 CHEVROLET EQUINOX AWD V6-3.4L - ANTI-LOCK BRAKES



2005 CHEVROLET EQUINOX AWD V6-3.4L - INSTRUMENT CLUSTER

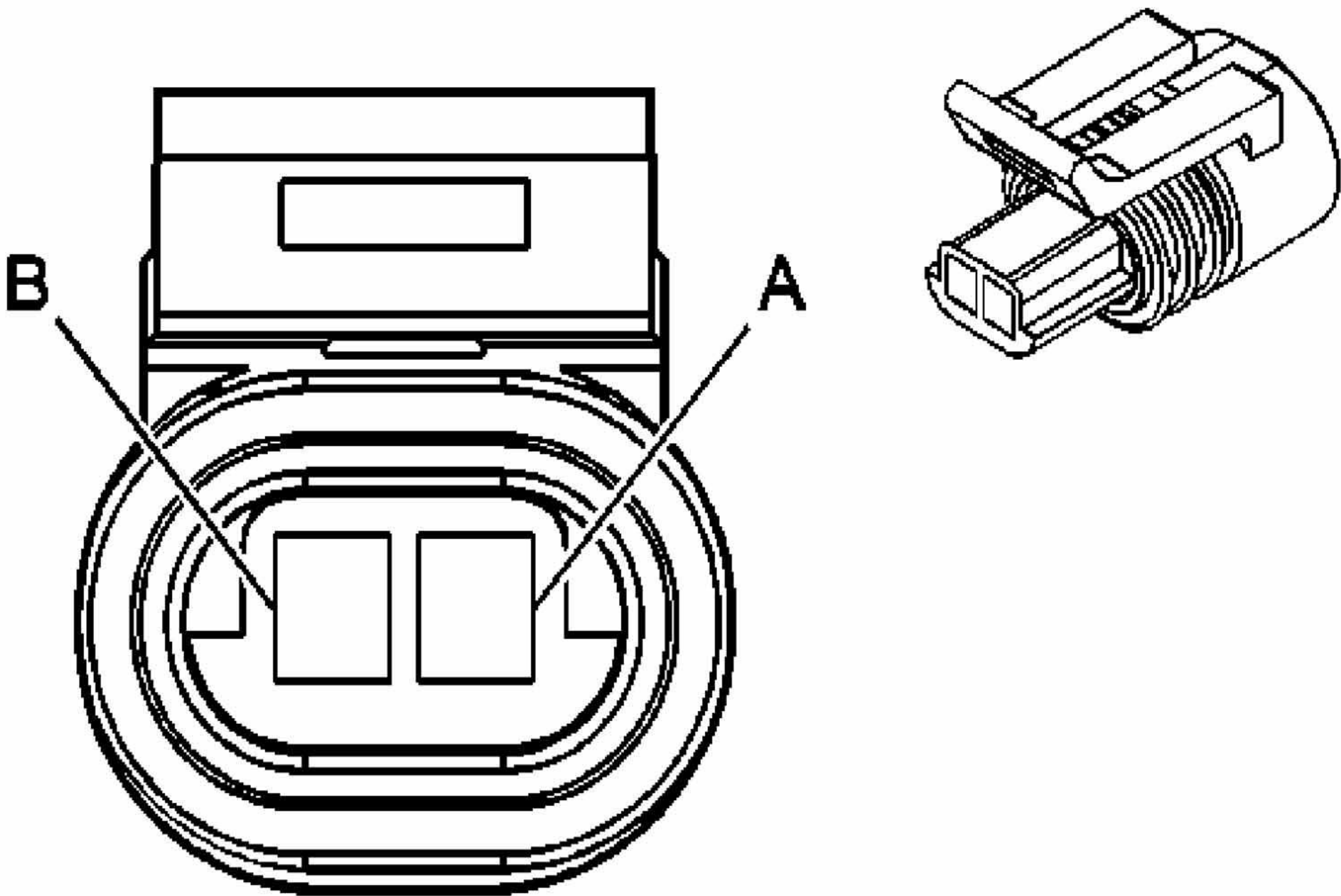


2005 CHEVROLET EQUINOX AWD V6-3.4L - CAMSHAFT POSITION SENSOR



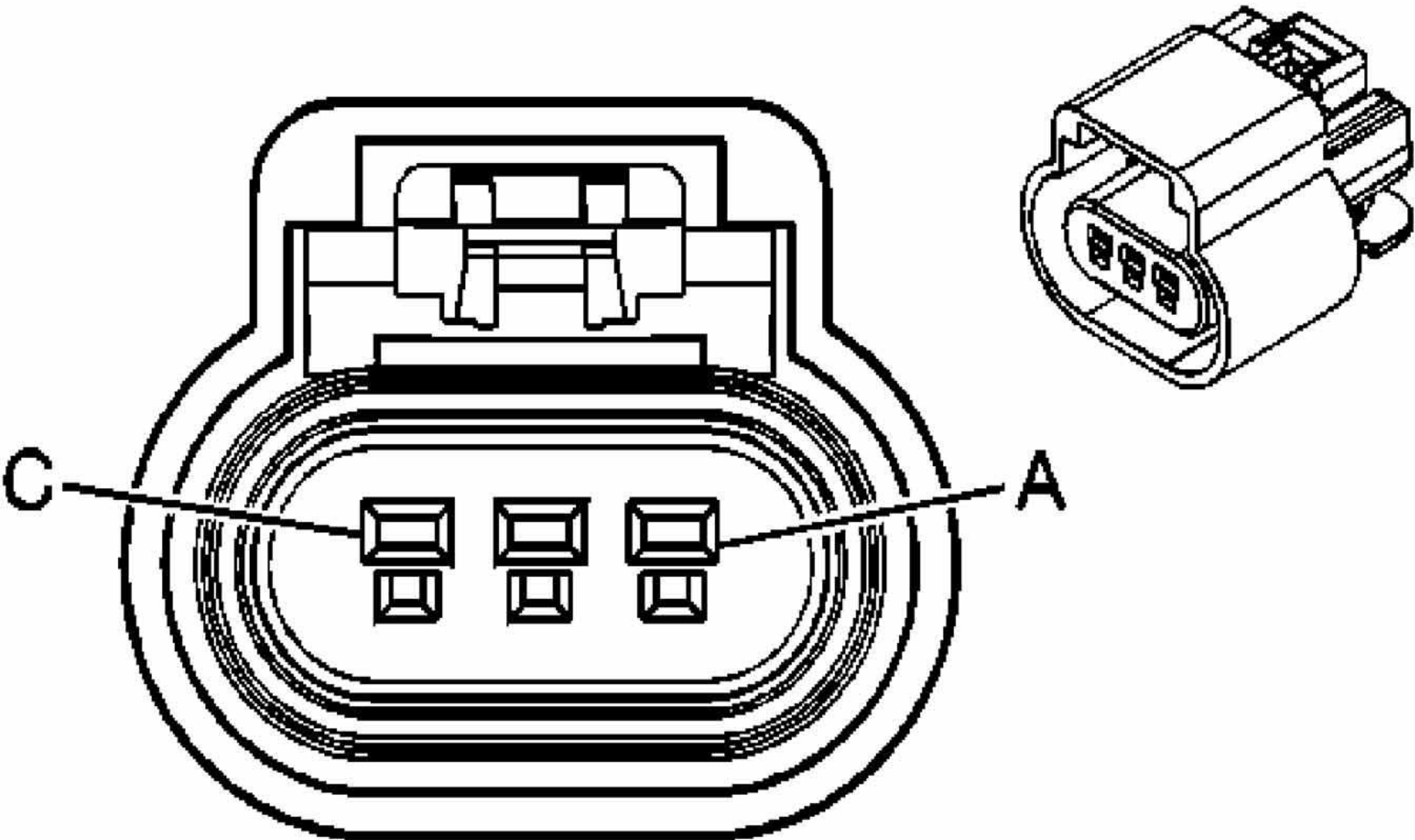
2005 CHEVROLET EQUINOX AWD V6-3.4L - ENGINE COOLANT TEMPERATURE SENSOR

Engine Coolant Temperature (ECT) Sensor

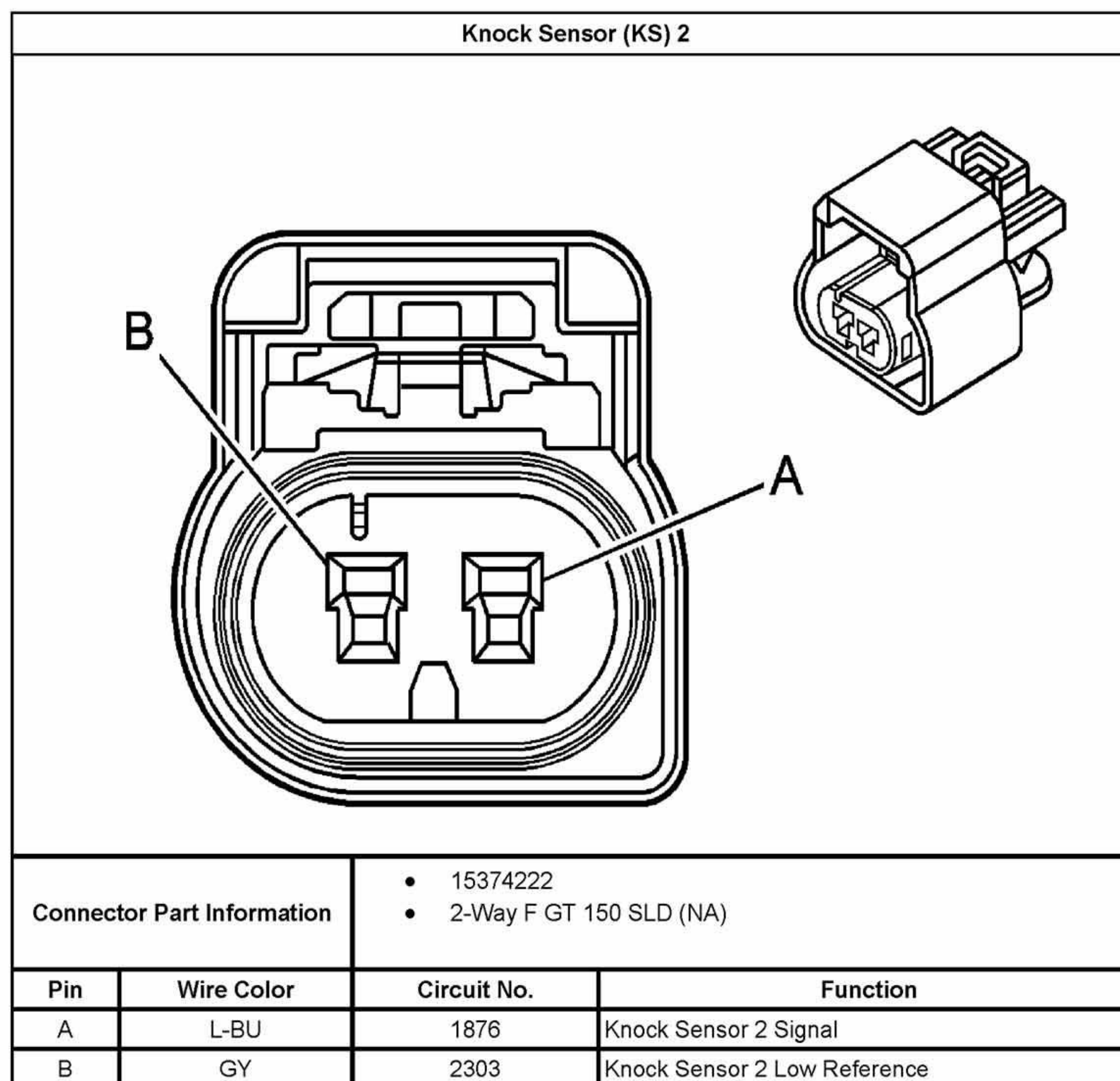
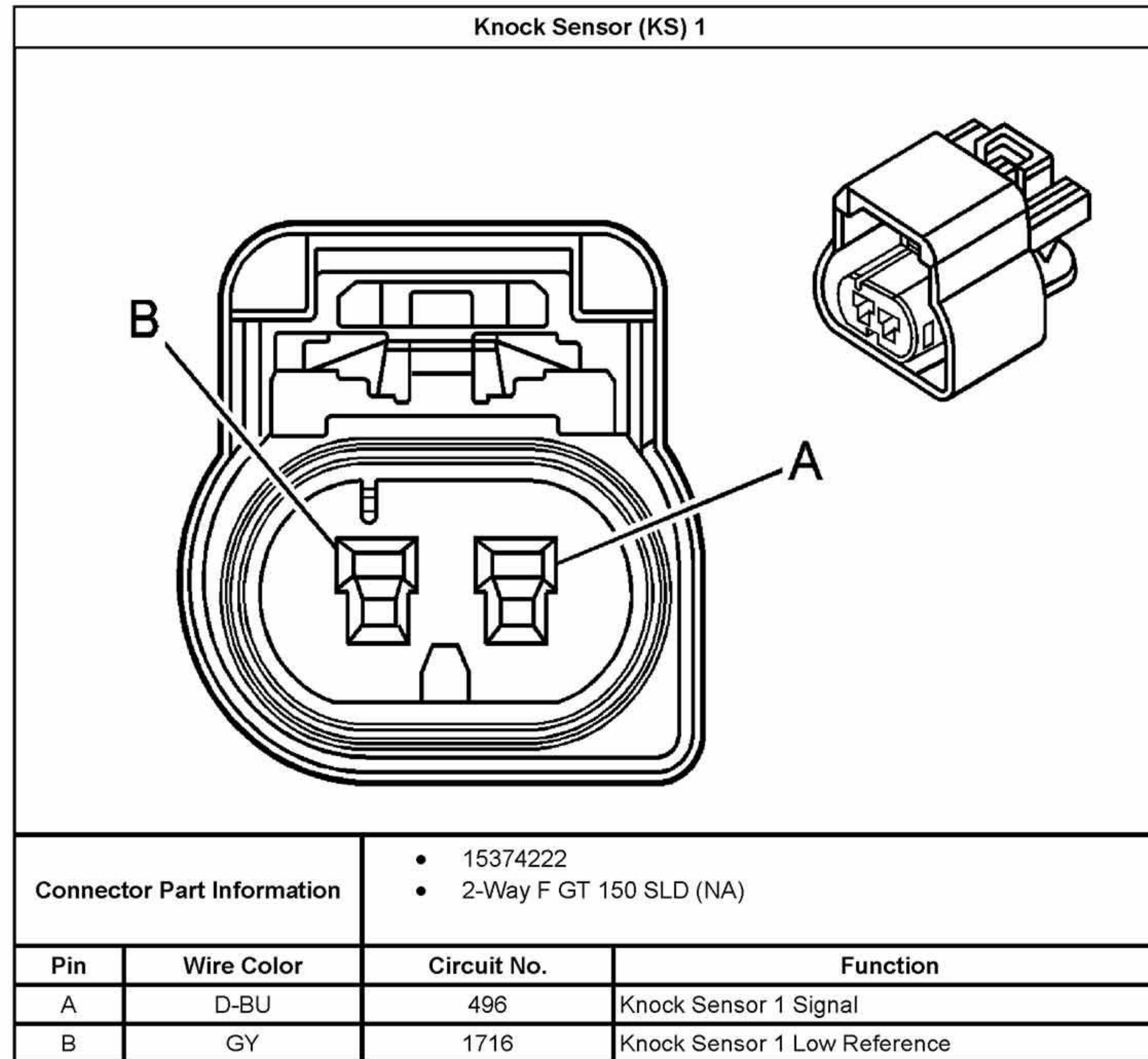


Connector Part Information		12162194 2-Way F Metri-Pack 150.2 Series, Sealed, Pull To Seat (BK)	
Pin	Wire Color	Circuit No.	Function
A	OG/BK	469	Low Reference
B	YE	410	ECT Sensor Signal

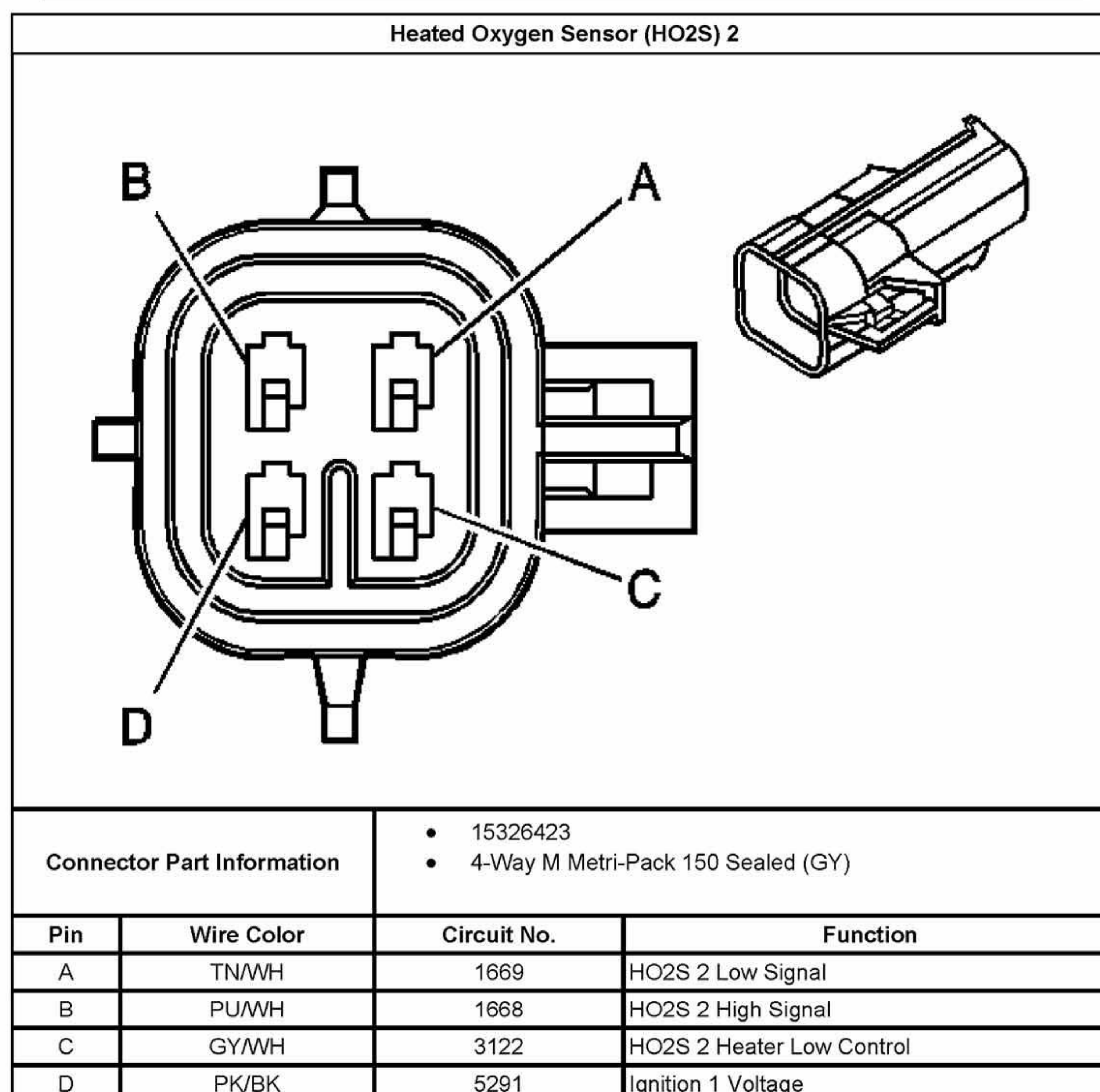
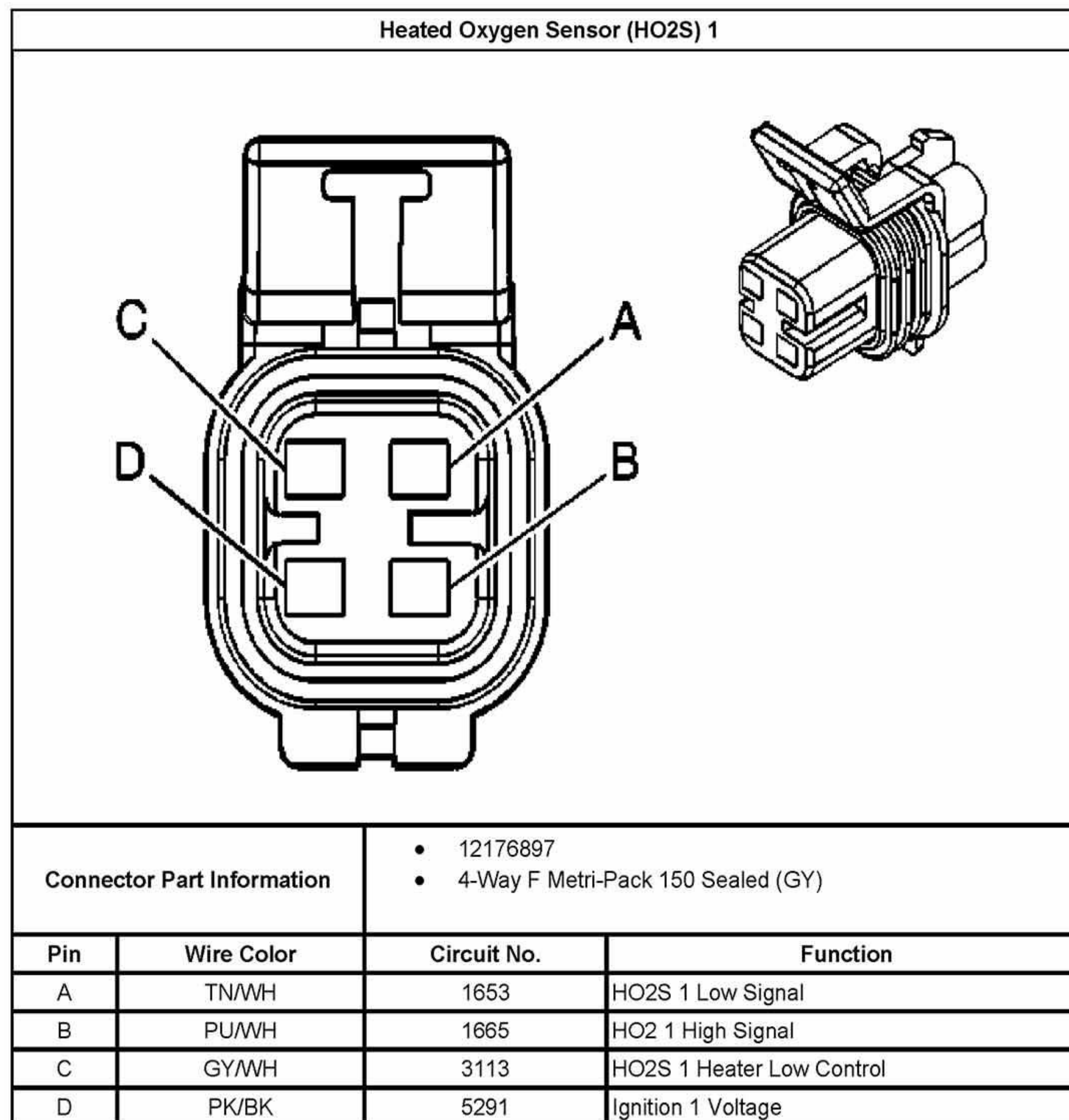
2005 CHEVROLET EQUINOX AWD V6-3.4L - CRANKHAFT POSITION SENSOR

Crankshaft Position (CKP) Sensor			
			
Connector Part Information		15326808 3-Way F GT 150 Sealed 4.5 (BK)	
Pin	Wire Color	Circuit No.	Function
A	L-GN	1867	12-Volt Reference
B	PU	574	Low Reference
C	L-BU/BK	647	Medium Resolution Engine Speed Signal

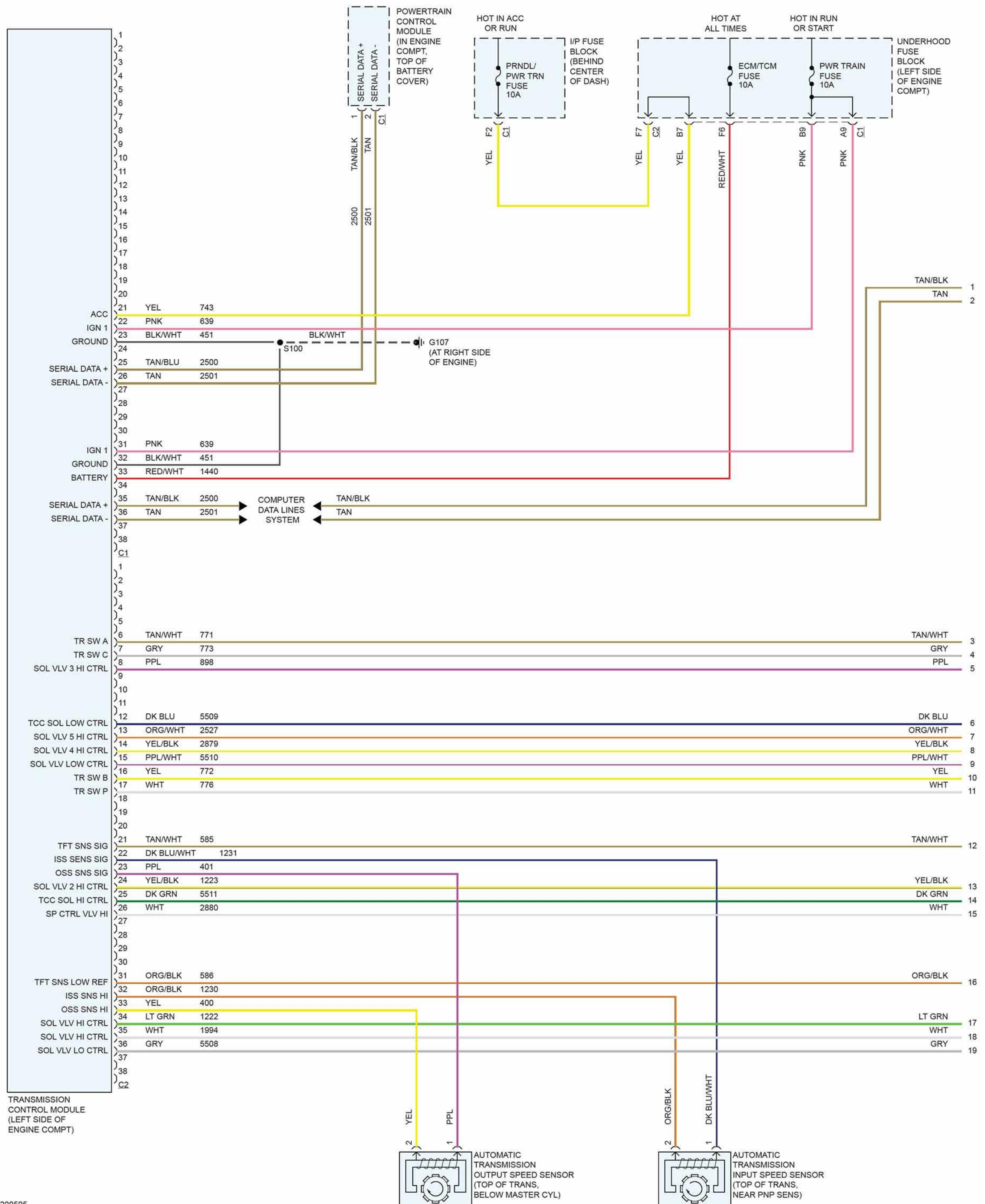
2005 CHEVROLET EQUINOX AWD V6-3.4L - KNOCK SENSOR



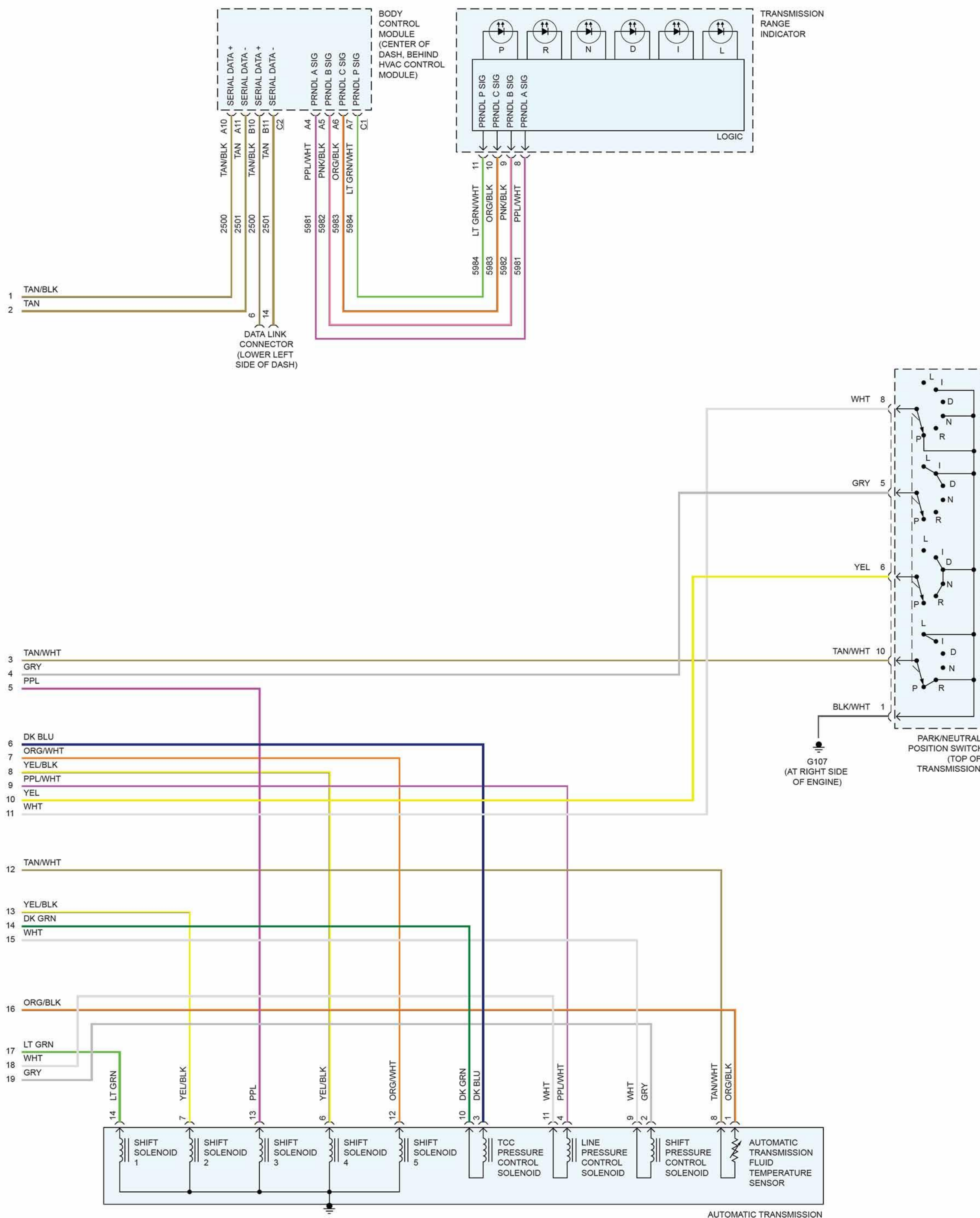
2005 CHEVROLET EQUINOX AWD V6-3.4L - OXYGEN SENSOR



2005 CHEVROLET EQUINOX AWD V6-3.4L - TRANSMISSION A/T CIRCUIT

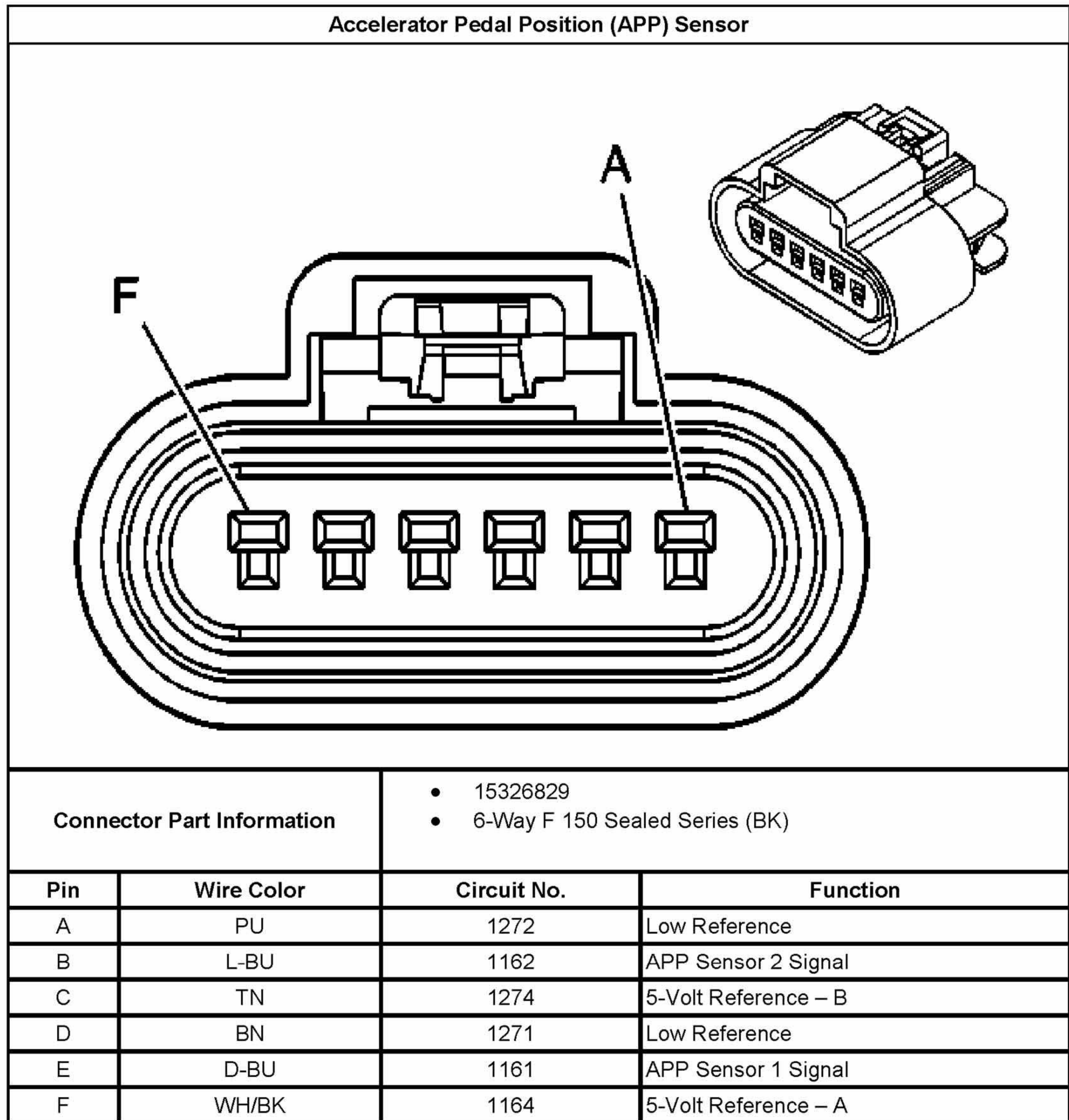


2005 CHEVROLET EQUINOX AWD V6-3.4L - TRANSMISSION A/T CIRCUIT

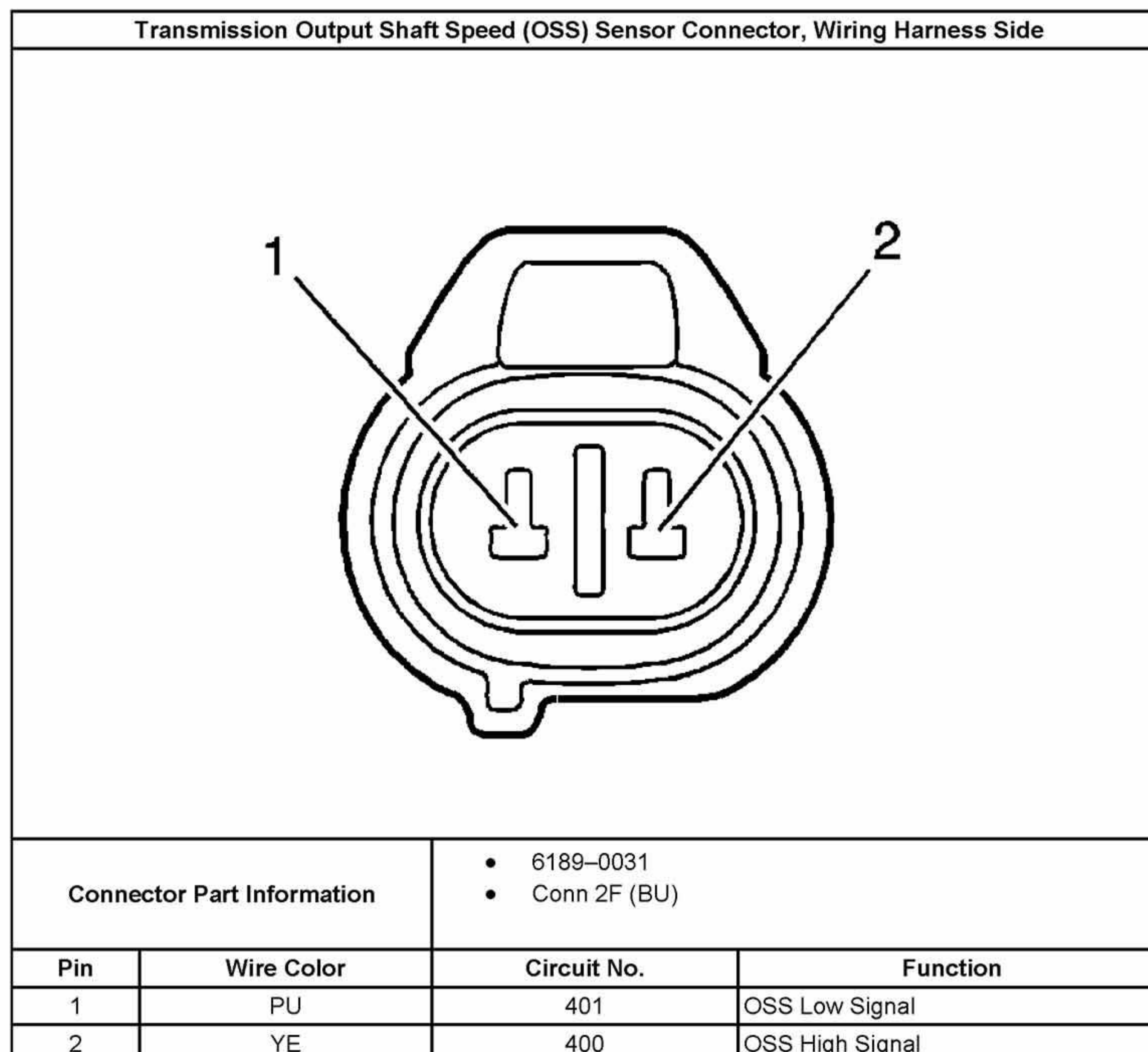
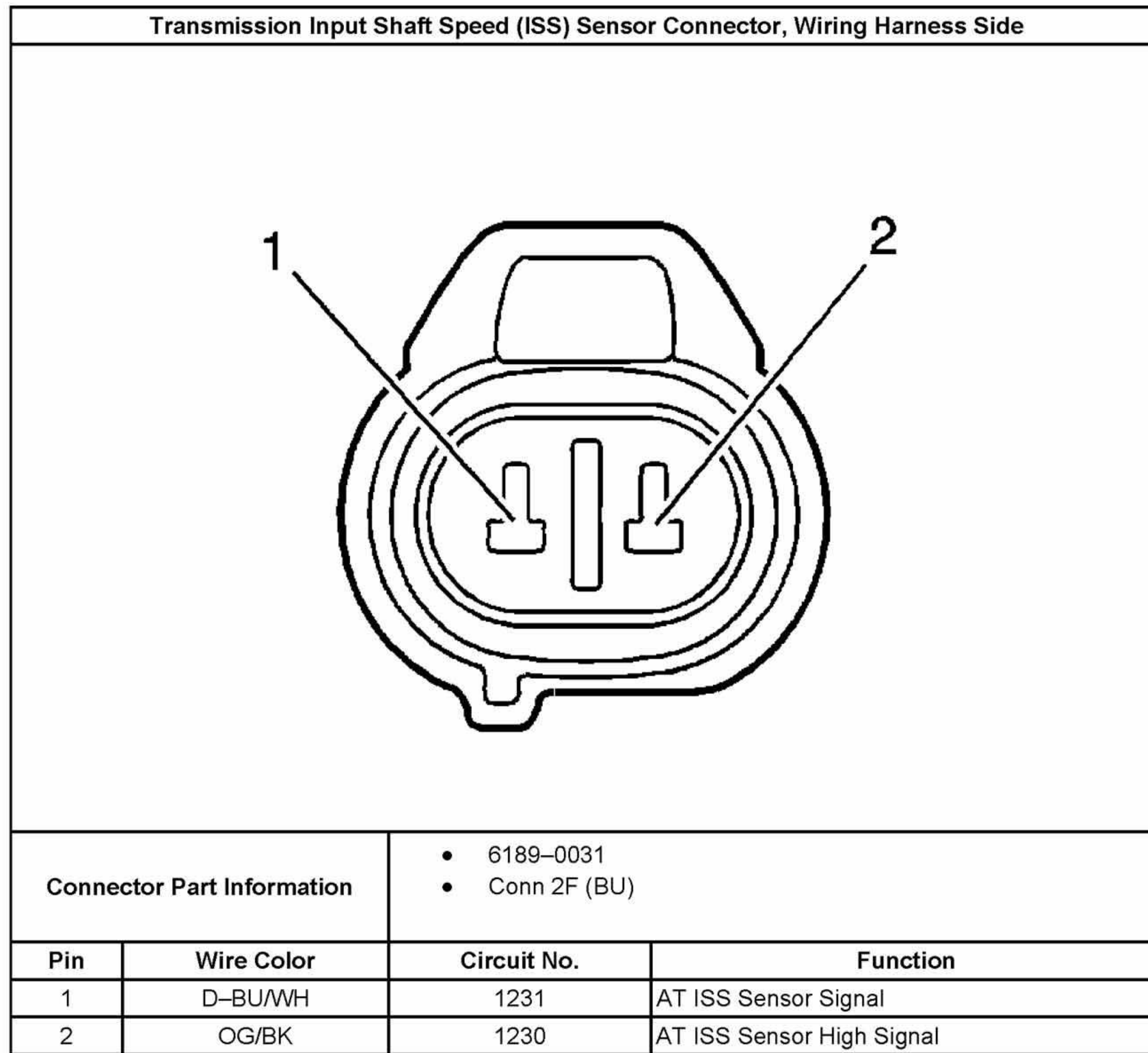


200506

2005 CHEVROLET EQUINOX AWD V6-3.4L - ACCELERATOR PEDAL POSITION SENSOR

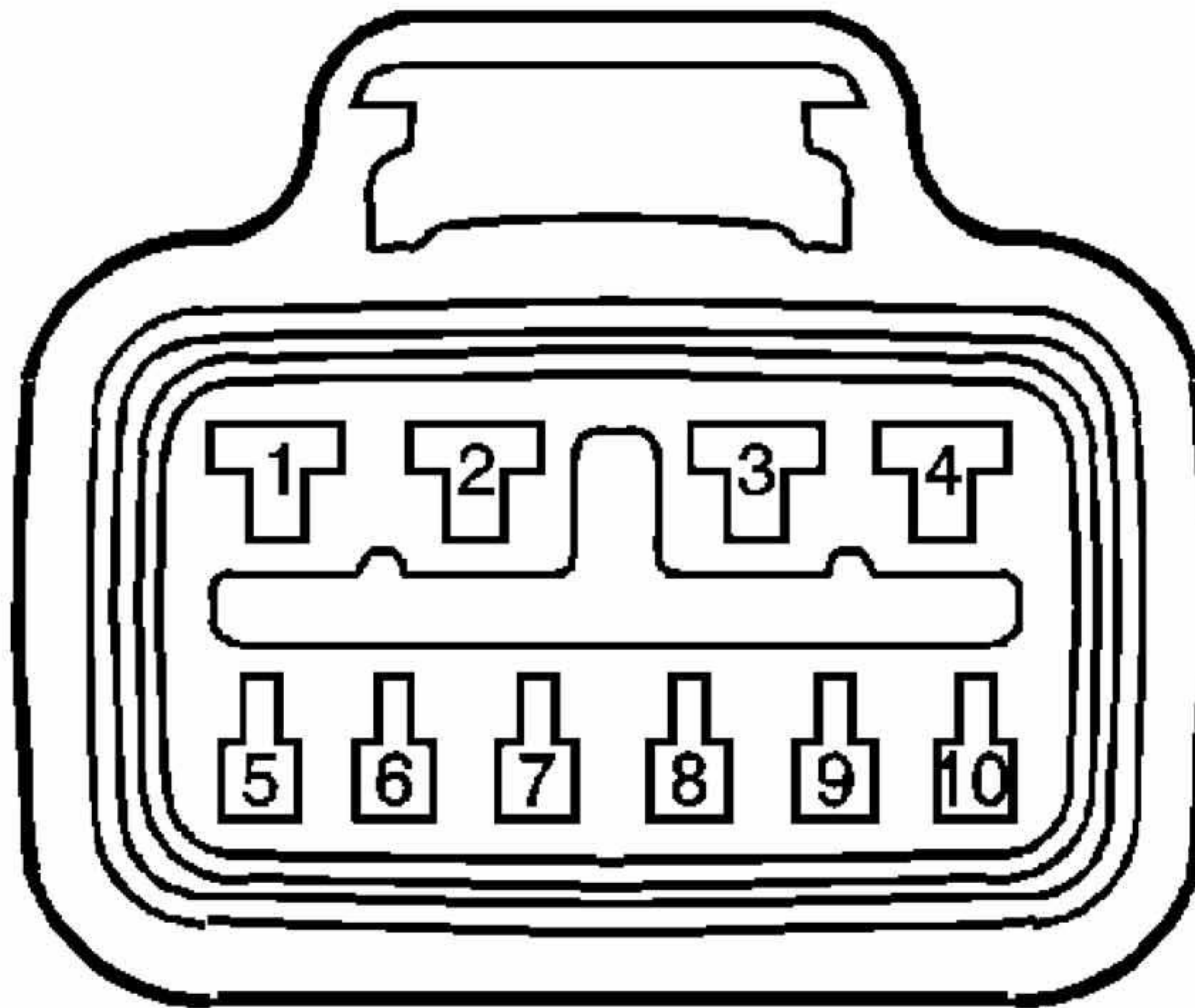


2005 CHEVROLET EQUINOX AWD V6-3.4L - SPEED SENSOR



2005 CHEVROLET EQUINOX AWD V6-3.4L - TRANSMISSION RANGE SENSOR

Transmission Park/Neutral Position Switch Assembly Connector , Wiring Harness Side

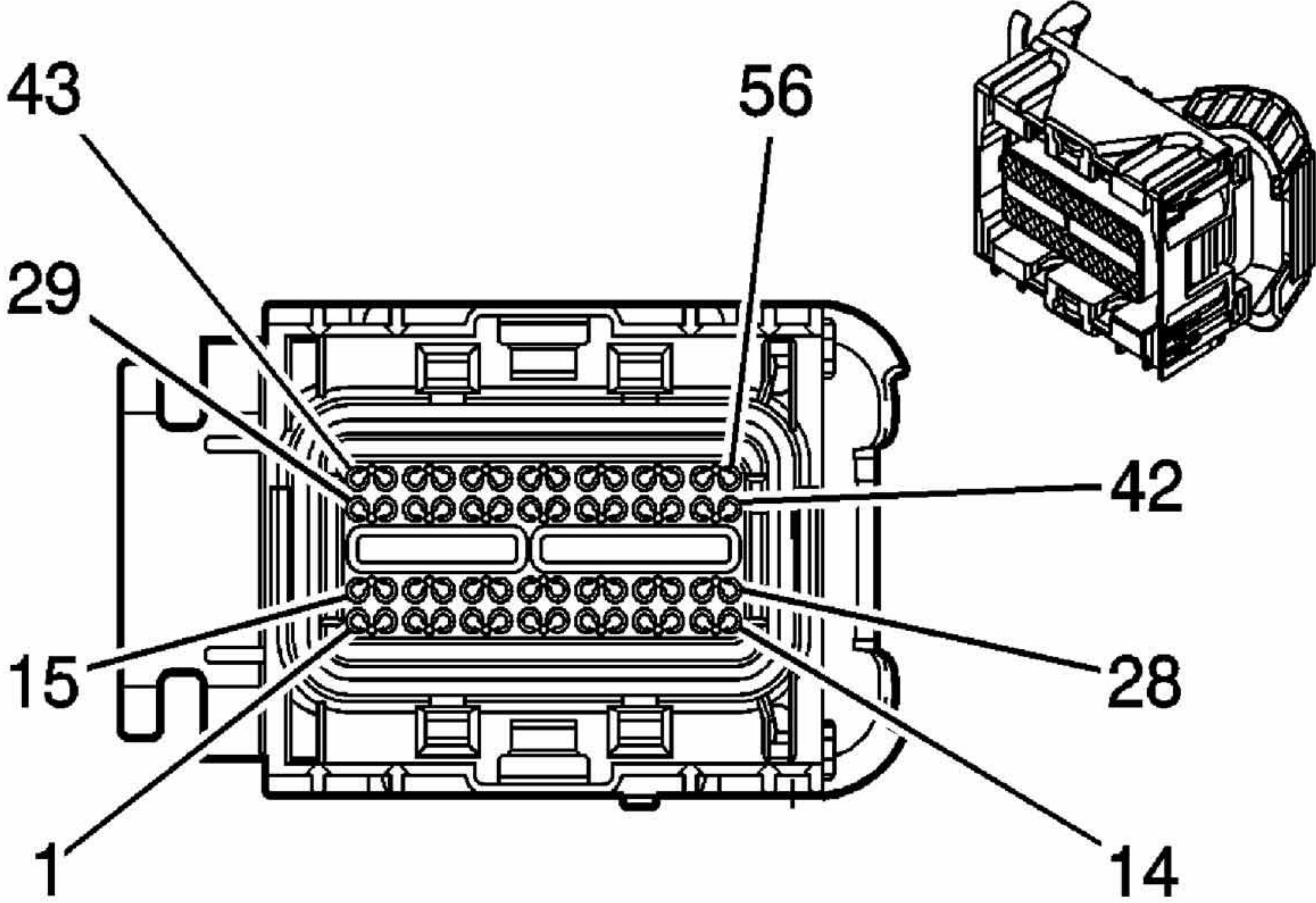


Connector Part Information

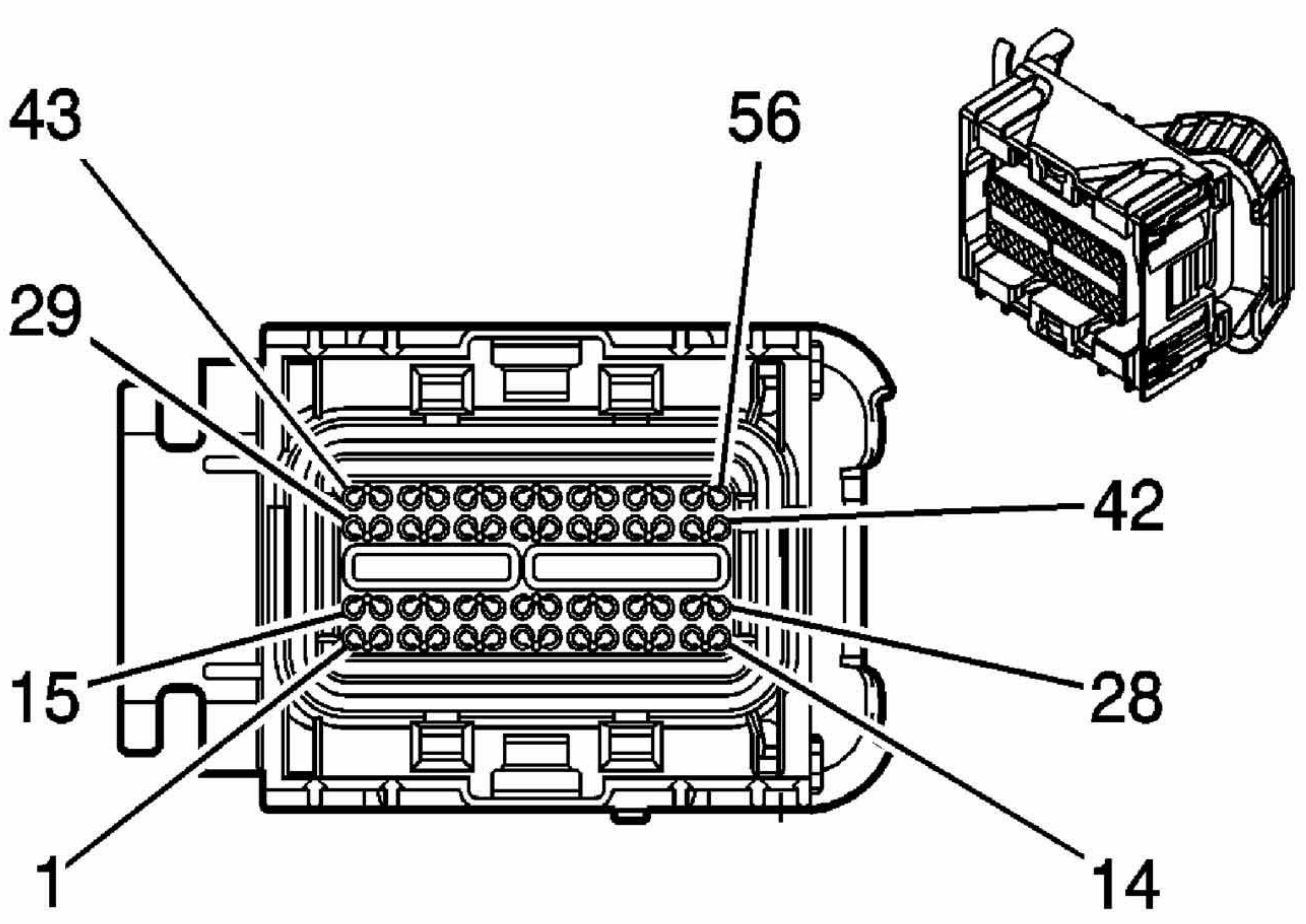
- 7223-6508-30A
- Conn 10F (BK)

Pin	Wire Color	Circuit No.	Function
1	—	—	Not Used
2	L-GN	24	Backup Lamp Supply Voltage
3	YE	575	Starter Solenoid Crank Voltage
4	PK	239	Crank Voltage
5	GY	773	Transmission Range Switch Signal C
6	YE	772	Transmission Range Switch Signal B
7	—	—	Not Used
8	WH	776	Transmission Range Switch Signal P
9	BK/WH	451	Ground
10	TN/WH	771	Transmission Range Switch Signal A

2005 CHEVROLET EQUINOX AWD V6-3.4L - PIN-OUT POWERTRAIN CONTROL MODULE

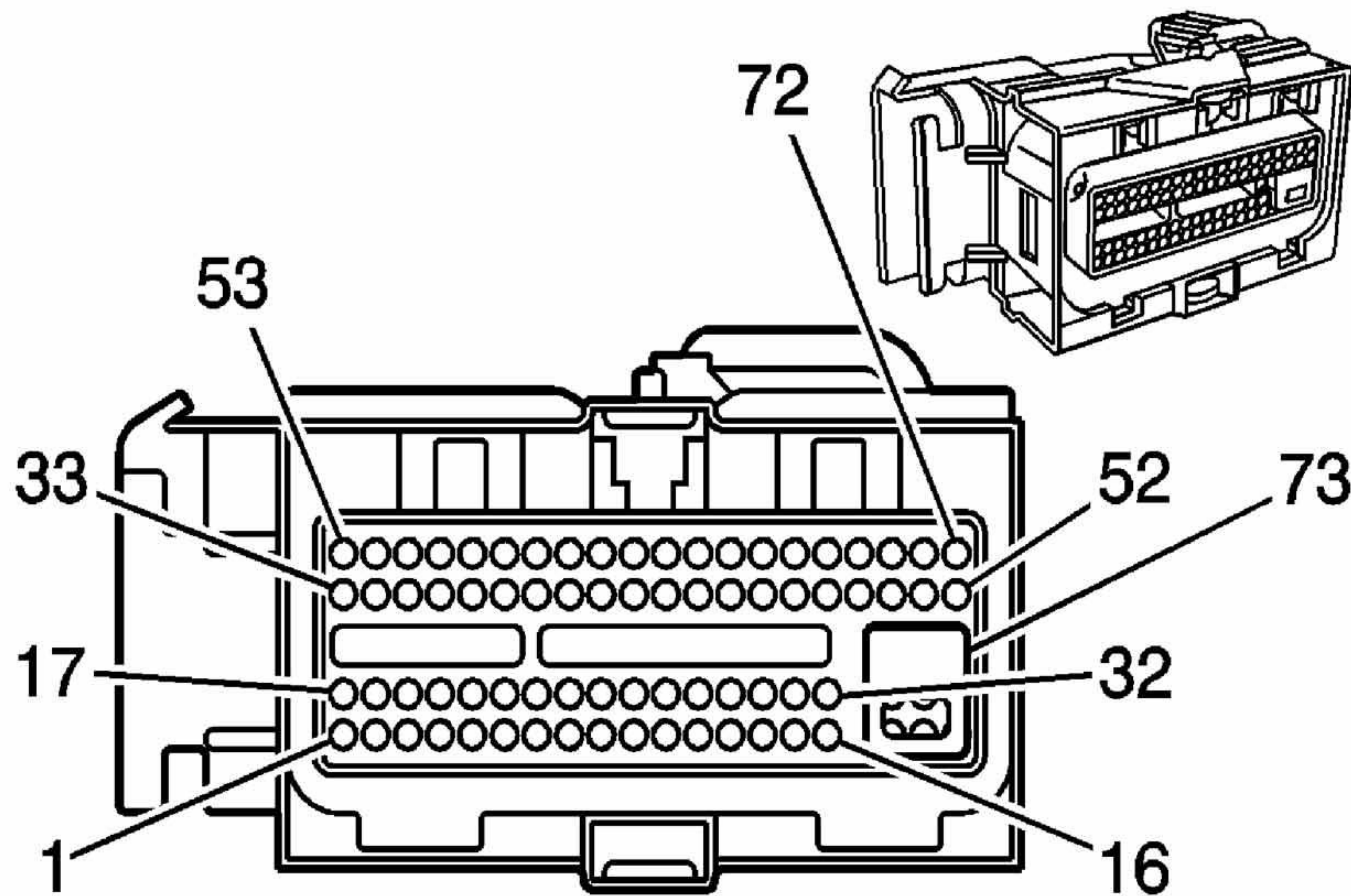
Powertrain Control Module (PCM) C1			
			
Connector Part Information		15450304 56-Way F (BU)	
Pin	Wire Color	Circuit No.	Function
1	TN/BK	2500	High Speed GMLAN Serial Data (+)
2	TN	2501	High Speed GMLAN Serial Data (-)
3	—	—	Not Used
4	GY	2700	5-Volt Reference
5	—	—	Not Used
6	BN/WH	419	MIL Control
7	TN	5514	Low Reference
8-9	—	—	Not Used
10	WH	1310	EVAP Canister Vent Solenoid Control
11	—	—	Not Used
12	TN	2759	Low Reference
13-17	—	—	Not Used
18	YE	743	Accessory Voltage
19	PK	639	Ignition 1 Voltage
20	RD/WH	1440	Battery Positive Voltage
21	—	—	Not Used
22	BN	818	VSS Signal
23	YE	447	Starter Relay Coil Control
24	BN	5069	Engine Main Relay Coil Control
25	—	—	Not Used
26	D-GN	890	Fuel Tank Pressure Sensor Signal
27-30	—	—	Not Used

2005 CHEVROLET EQUINOX AWD V6-3.4L - PIN-OUT POWERTRAIN CONTROL MODULE

Powertrain Control Module (PCM) C1			
			
Connector Part Information		• 15450304 • 56-Way F (BU)	
Pin	Wire Color	Circuit No.	Function
31	OG/BK	380	A/C Refrigerant Pressure Sensor Signal
32	L-BU	20	Stop Lamp Supply Voltage
33	D-GN/WH	459	A/C Compressor Clutch Relay Control
34-36	—	—	Not Used
37	D-GN/WH	465	Fuel Pump Primary Relay Control
38	OG/BK	1786	Transmission Park/Neutral Signal
39-42	—	—	Not Used
43	PU	1589	Primary Fuel Level Sensor Signal
44	GY	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal
45	—	—	Not Used
46	PU	420	Torque Converter Clutch Brake Switch Signal
47	—	—	Not Used
48	D-GN	335	Low Speed Cooling Fan Relay Control
49	—	—	Not Used
50	D-BU	473	High Speed Cooling Fan Relay Control
51-52	—	—	Not Used
53	GY	2709	Fuel Tank Pressure Sensor 5-Volt Reference
54-56	—	—	Not Used

2005 CHEVROLET EQUINOX AWD V6-3.4L - PIN-OUT POWERTRAIN CONTROL MODULE

Powertrain Control Module (PCM) C2

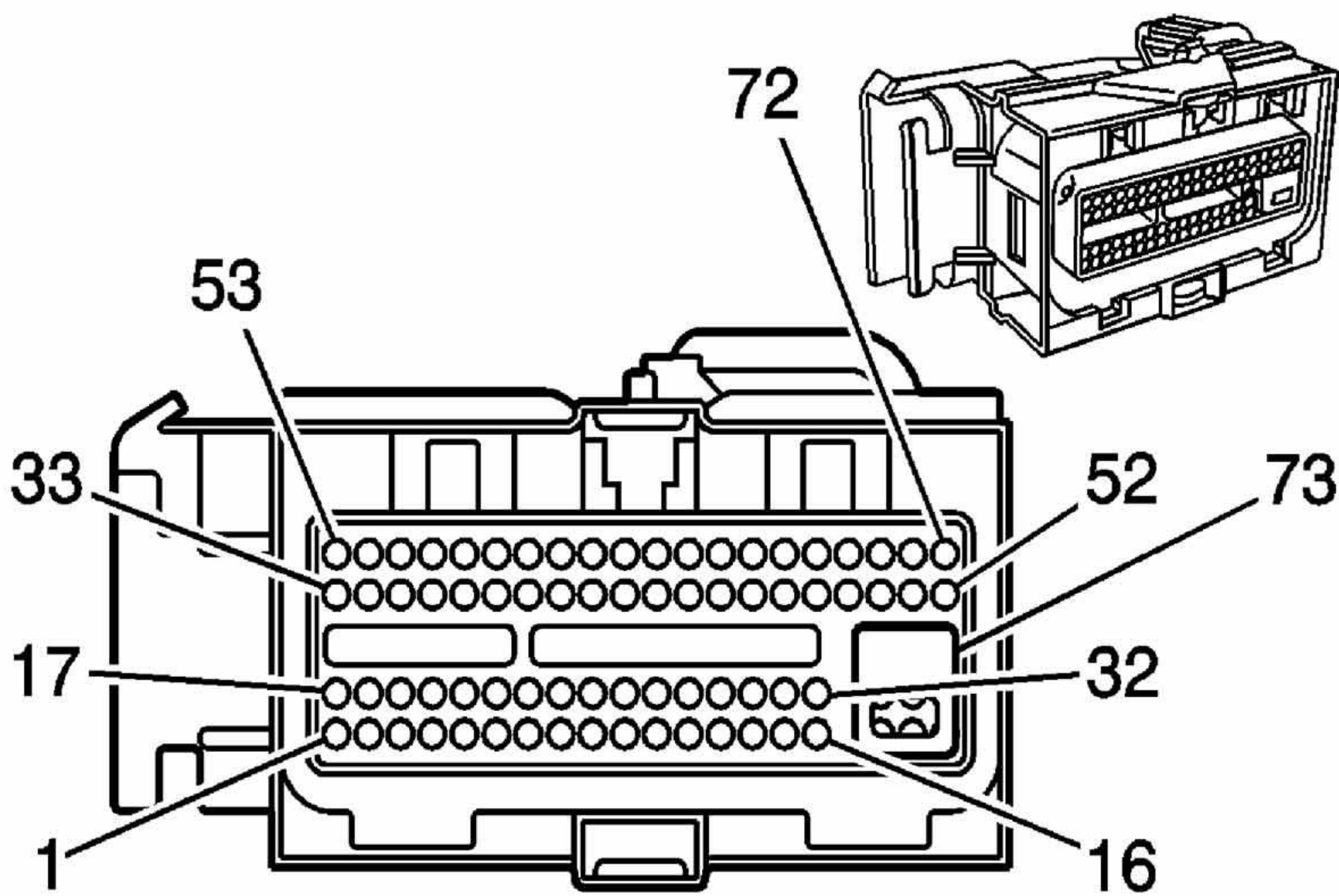


Connector Part Information

- 15450306
- 73-Way F (BK)

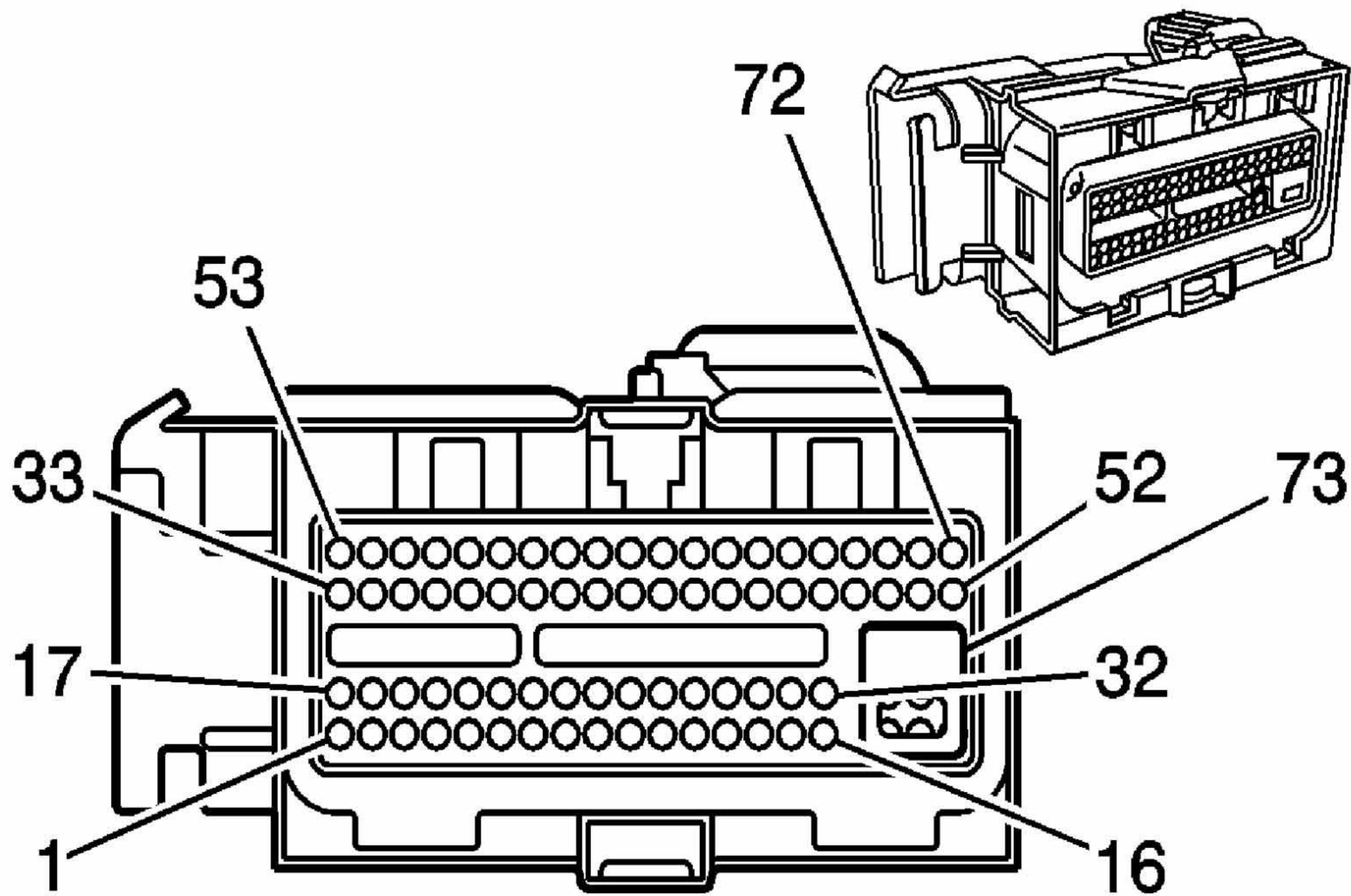
Pin	Wire Color	Circuit No.	Function
1	BN	1456	Exhaust Gas Recirculation Valve Position Signal
2	TN	800	UART Serial Data 1
3	OG/BK	1061	UART Serial Data 2
4	PK/BK	1746	Fuel Injector Control 3
5	TN	1744	Fuel Injector Control 1
6	L-GN/BK	1745	Fuel Injector Control 2
7	TN/WH	845	Fuel Injector Control 5
8	TN	2753	Exhaust Gas Recirculation Sensor Low Reference
9	YE/BK	846	Fuel Injector Control 6
10	L-BU/BK	844	Fuel Injector Control 4
11	OG/WH	2122	IC 2 Control
12	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1
13	OG	1676	Exhaust Gas Recirculation Solenoid Supply Voltage
14	—	—	Not Used
15	PU	574	Low Reference
16	GY	435	Exhaust Gas Recirculation Solenoid Control
17	—	—	Not Used
18	L-GN	432	Manifold Absolute Pressure Sensor Signal
19-20	—	—	Not Used
21	OG	631	Camshaft Sensor 12-Volt Reference
22	L-GN	1867	Crankshaft Position Sensor 12-Volt Reference
23-25	—	—	Not Used

2005 CHEVROLET EQUINOX AWD V6-3.4L - PIN-OUT POWERTRAIN CONTROL MODULE

Powertrain Control Module (PCM) C2			
			
Connector Part Information		• 15450306 • 73-Way F (BK)	
Pin	Wire Color	Circuit No.	Function
26	BN/WH	633	Camshaft Position Sensor Signal
27	L-BU/BK	647	Medium Resolution Engine Speed Signal
28-29	—	—	Not Used
30	OG/BK	469	Manifold Absolute Pressure Sensor Low Reference
31	—	—	Not Used
32	PK/BK	632	Camshaft Position Sensor Low Reference
33	GY	5047	Exhaust Gas Recirculation 5-Volt Reference
34	GY	2704	5-Volt Reference
35	—	—	Not Used
36	GY	2303	Knock Sensor Low Reference 2
37	YE	2174	Ignition Control Timing Low Reference 1
38	D-BU	496	Knock Sensor Signal 1
39	BK/WH	1251	Ground
40	GY	1716	Knock Sensor Low Reference 1
41	D-GN/WH	428	EVAP Canister Purge Solenoid Control
42-46	—	—	Not Used
47	TN/WH	1653	HO2S 1 Low Signal
48	PU/WH	1665	HO2S 1 High Signal
49-52	—	—	Not Used
53	OG	225	Generator Turn On Signal
54	L-BU	1876	Knock Sensor Signal 2
55	YE	410	Engine Coolant Temperature Sensor Signal
56	BK/WH	1351	Ground

2005 CHEVROLET EQUINOX AWD V6-3.4L - PIN-OUT POWERTRAIN CONTROL MODULE

Powertrain Control Module (PCM) C2



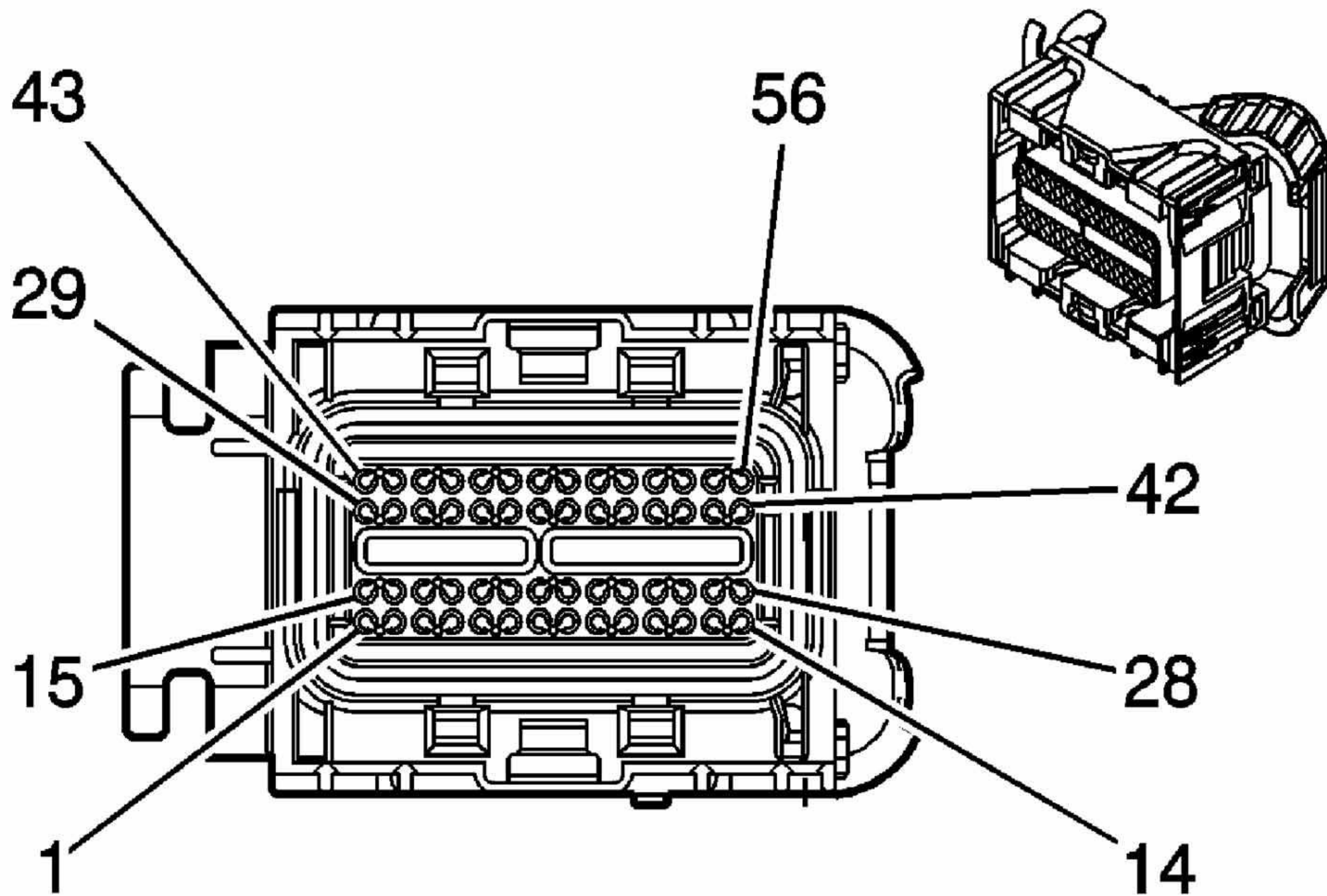
Connector Part Information

- 15450306
- 73-Way F (BK)

Pin	Wire Color	Circuit No.	Function
57	TN/BK	231	Oil Pressure Switch Signal
58-60	—	—	Not Used
61	PU	2121	IC 1 Control
62	—	—	Not Used
63	L-BU	2123	Ignition Control 3
64-72	—	—	Not Used
73	BK/WH	451	Ground

2005 CHEVROLET EQUINOX AWD V6-3.4L - PIN-OUT POWERTRAIN CONTROL MODULE

Powertrain Control Module (PCM) C3



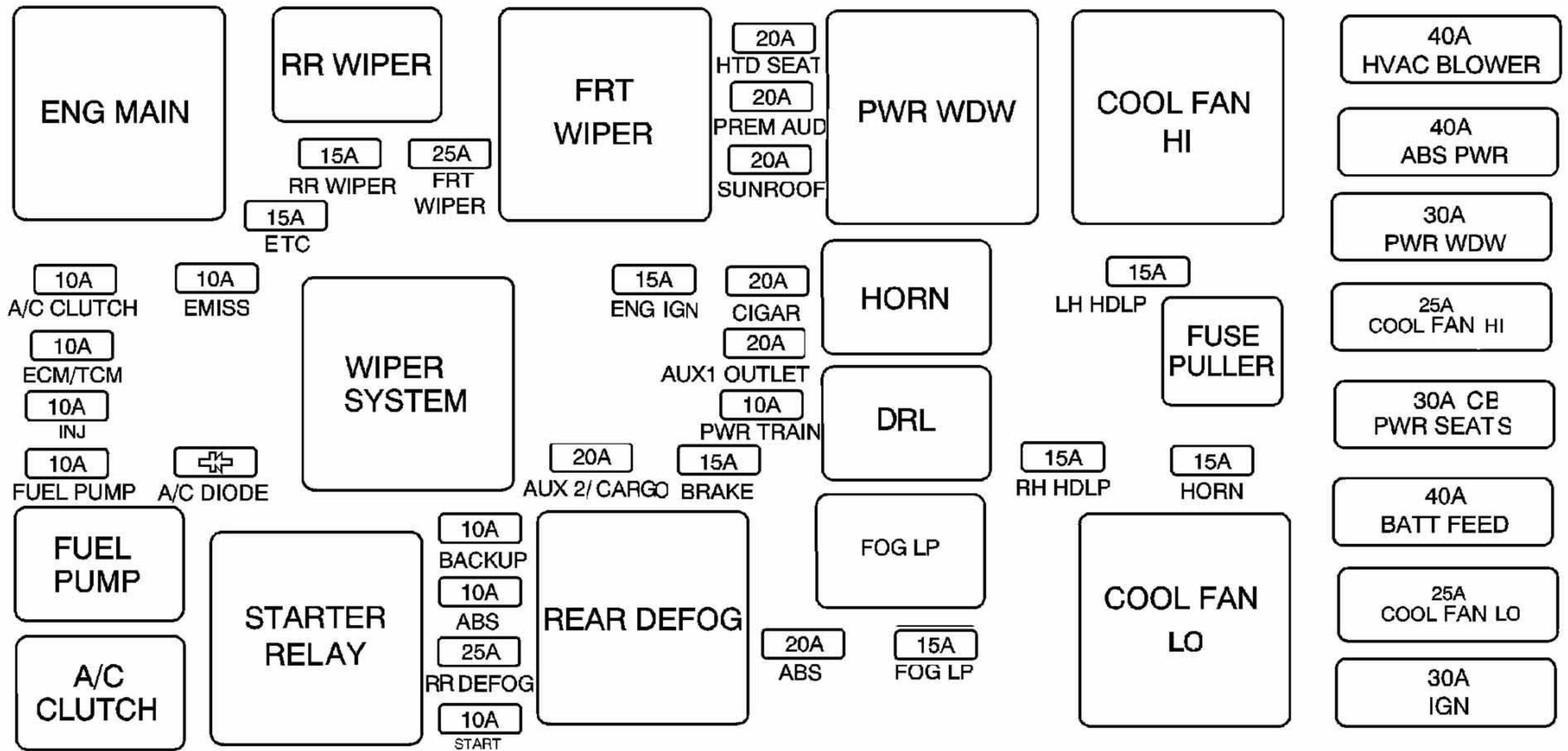
Connector Part Information

- 15450305
- 56-Way F (L-GY)

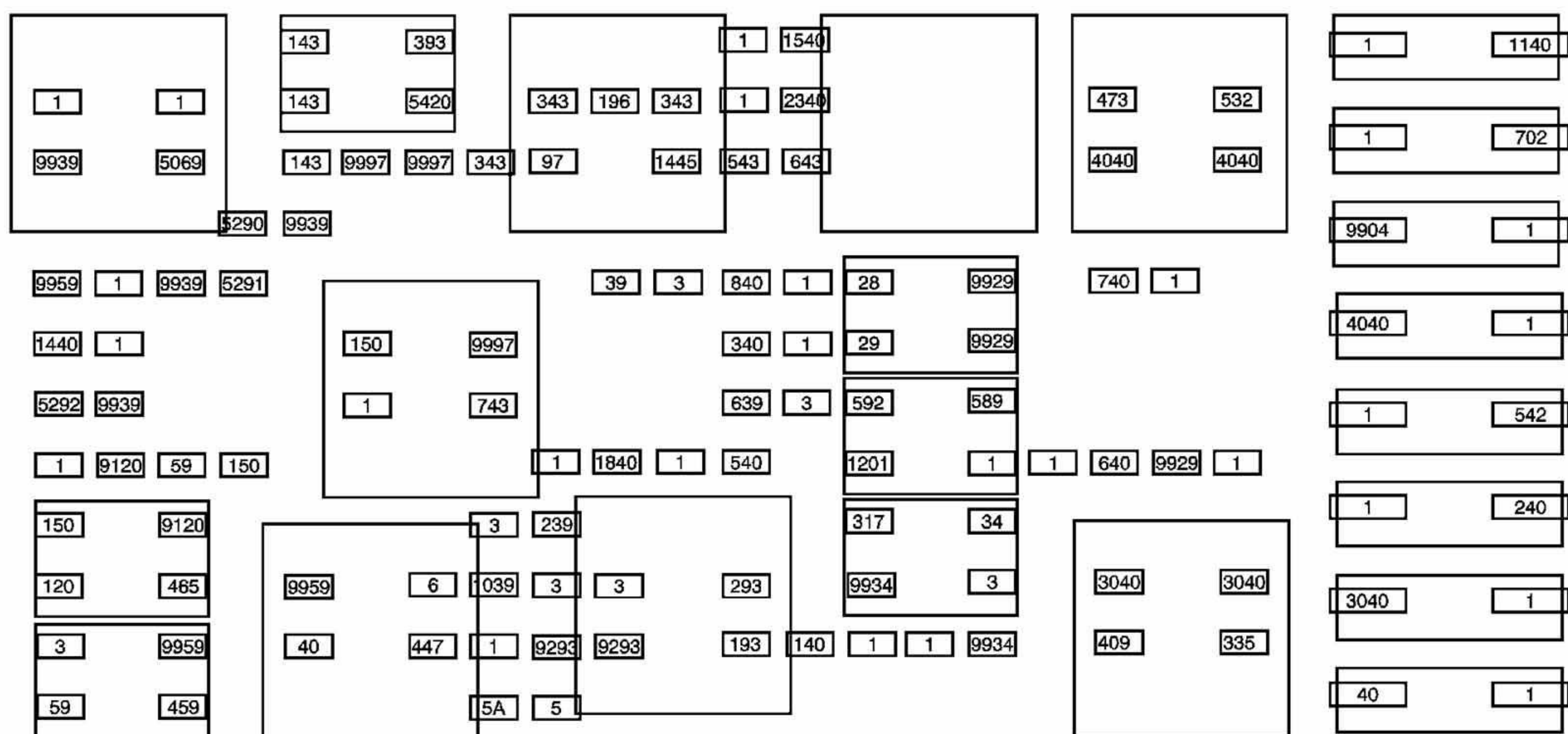
Pin	Wire Color	Circuit No.	Function
1-3	—	—	Not Used
4	TN/WH	1669	HO2S 2 Low Signal
5	—	—	Not Used
6	YE	492	Mass Air Flow Sensor Signal
7	—	—	Not Used
8	GY/WH	3122	HO2S 2 Heater Low Control
9-18	—	—	Not Used
19	PU/WH	1668	HO2S 2 High Signal
20-25	—	—	Not Used
26	TN	472	Intake Air Temperature Sensor Signal
27-49	—	—	Not Used
50	TN	2760	Intake Air Temperature Sensor Low Reference
51-56	—	—	Not Used

2005 CHEVROLET EQUINOX AWD V6-3.4L - FUSE BLOCK

Underhood Fuse Block Label

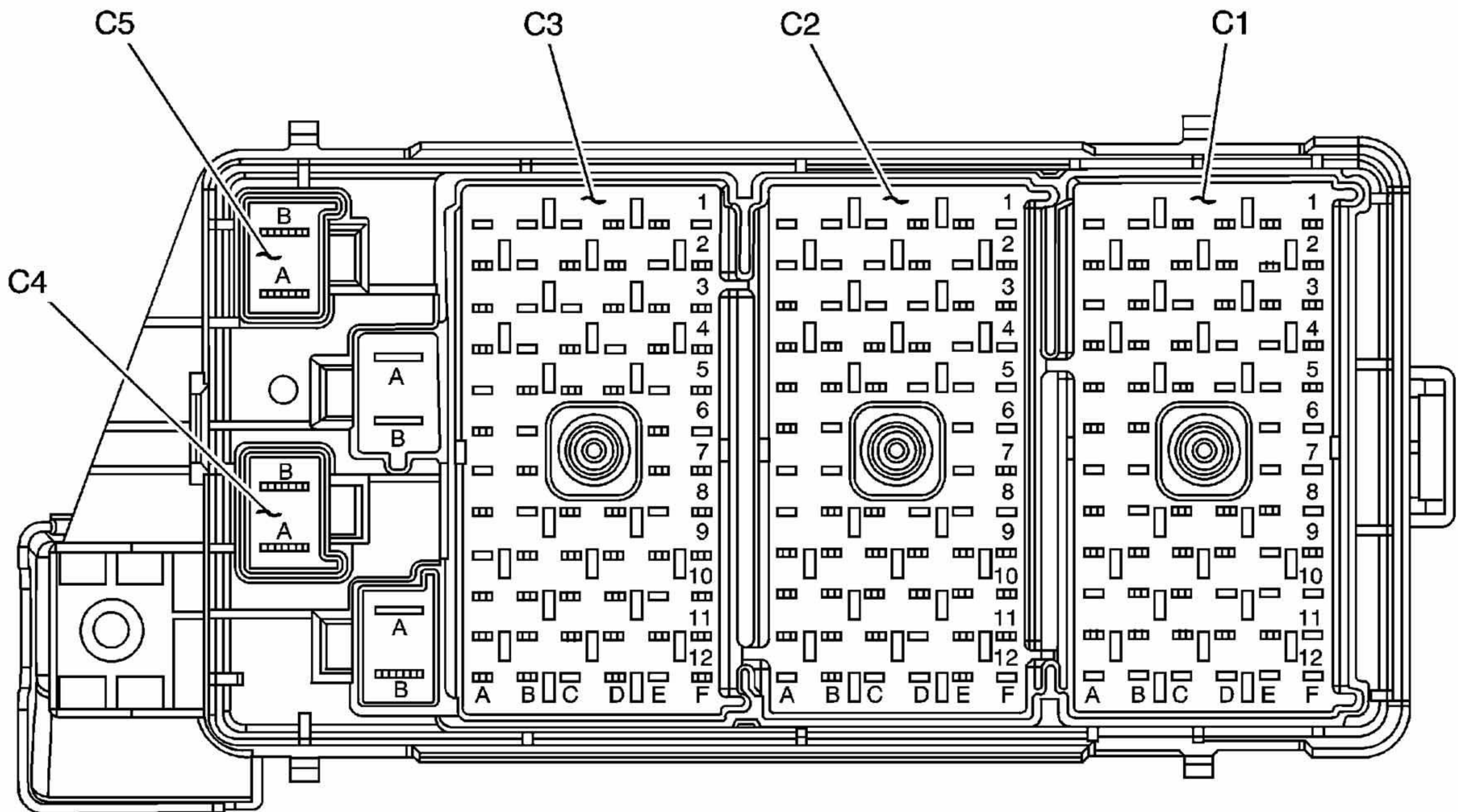


Underhood Fuse Block Top View



2005 CHEVROLET EQUINOX AWD V6-3.4L - FUSE BLOCK

Underhood Fuse Block Bottom View



2005 CHEVROLET EQUINOX AWD V6-3.4L - FUSE BLOCK

Underhood Fuse Block Label Usage		
Device	Rating	Description
ABS Fuse	10A	EBCM (JM4)
ABS Fuse	20A	EBCM (JM4)
ABS PWR Fuse	40A	EBCM
A/C CLUTCH Fuse	10A	A/C CLUTCH Relay
A/C CLUTCH Relay	—	A/C Compressor Clutch, A/C DIODE
A/C DIODE	—	A/C Compressor Clutch
AUX1 OUTLET Fuse	20A	Auxiliary Power Outlet, DLC
AUX2/CARGO Fuse	20A	Trailer Connector Converter, Rear Auxiliary Power Outlet
BACKUP Fuse	10A	PNP Switch
BACKUP LAMP Relay	—	Not Used
BATT FEED Fuse	40A	RADIO, BCM/CLUSTER, INT LTS/ONSTAR, PARK, LOCK/MIRROR, and DR LCK I/P Fuse Block B+ Fuses
BRAKE Fuse	15A	Stop Lamp Switch
CIGAR Fuse	20A	Cigar Lighter
COOL FAN HI Fuse	25A	COOL FAN HI Relay, Cooling Fan Relay 3
COOL FAN HI Relay	—	Cooling Fan S/P Relay, Right Cooling Fan
COOL FAN LO Fuse	25A	COOL FAN LO Relay
COOL FAN LO Relay	—	Left Cooling Fan
DRL Relay	—	BCM, Headlamps, Headlamp Switch
ECM/TCM Fuse	10A	EVAP Vent Solenoid, PCM, TCM
EMISS Fuse	10A	EVAP Purge Solenoid, Heated Oxygen Sensors, MAF/IAT Sensor
ENG IGN Fuse	15A	ICM
ENG MAIN Relay	—	EMISS Fuse, ETC Fuse, INJ Fuse
ETC Fuse	15A	PCM
FOG LP Relay	—	Fog Lamps
FOG LP Fuse	15A	FOG LP Relay
FRT WIPER Fuse	25A	FRT WIPER Relay, Windshield Wiper Motor, Windshield Wiper/Washer Switch
FRT WIPER Relay	—	Windshield Wiper/Washer Switch
FUEL PUMP Fuse	10A	FUEL PUMP Relay
FUEL PUMP Relay	—	Primary Fuel Pump and Sender Assembly
FUSE PULLER	—	—
HORN Fuse	15A	HORN Relay
HORN Relay	—	Horn
HTD SEATS Fuse	20A	Driver and Front Passenger Heated Seat Modules
HVAC BLOWER Fuse	40A	HVAC Blower Motor
IGN Fuse	30A	Ignition Switch, STARTER Relay
INJ Fuse	10A	Fuel Injectors
LH HDLP Fuse	15A	Left Headlamp
PREM AUD Fuse	20A	Amplifier (U65)
PWR SEATS Circuit Breaker	30A	Driver Seat Adjuster Switch
PWR TRAIN Fuse	10A	PCM, TCM
PWR WDW Fuse	30A	PWR WDW Relay
PWR WDW Relay	—	SUNROOF Fuse, Main Power Window Switch
REAR DEFOG Relay	—	Rear Defogger Grid
RH HDLP Fuse	15A	Right Headlamp

Underhood Fuse Block Label Usage		
Device	Rating	Description
RR DEFOG Fuse	25A	REAR DEFOG Relay
RR WIPER Fuse	15A	Rear Wiper Motor, RR WIPER Relay
RR WIPER Relay	—	BCM, Rear Wiper Motor
START Fuse	10A	Not Used
STARTER Relay	—	Starter
SUNROOF Fuse	20A	Sunroof Control Module
WIPER SYSTEM Relay	—	FRT WIPER Fuse, RR WIPER Fuse