

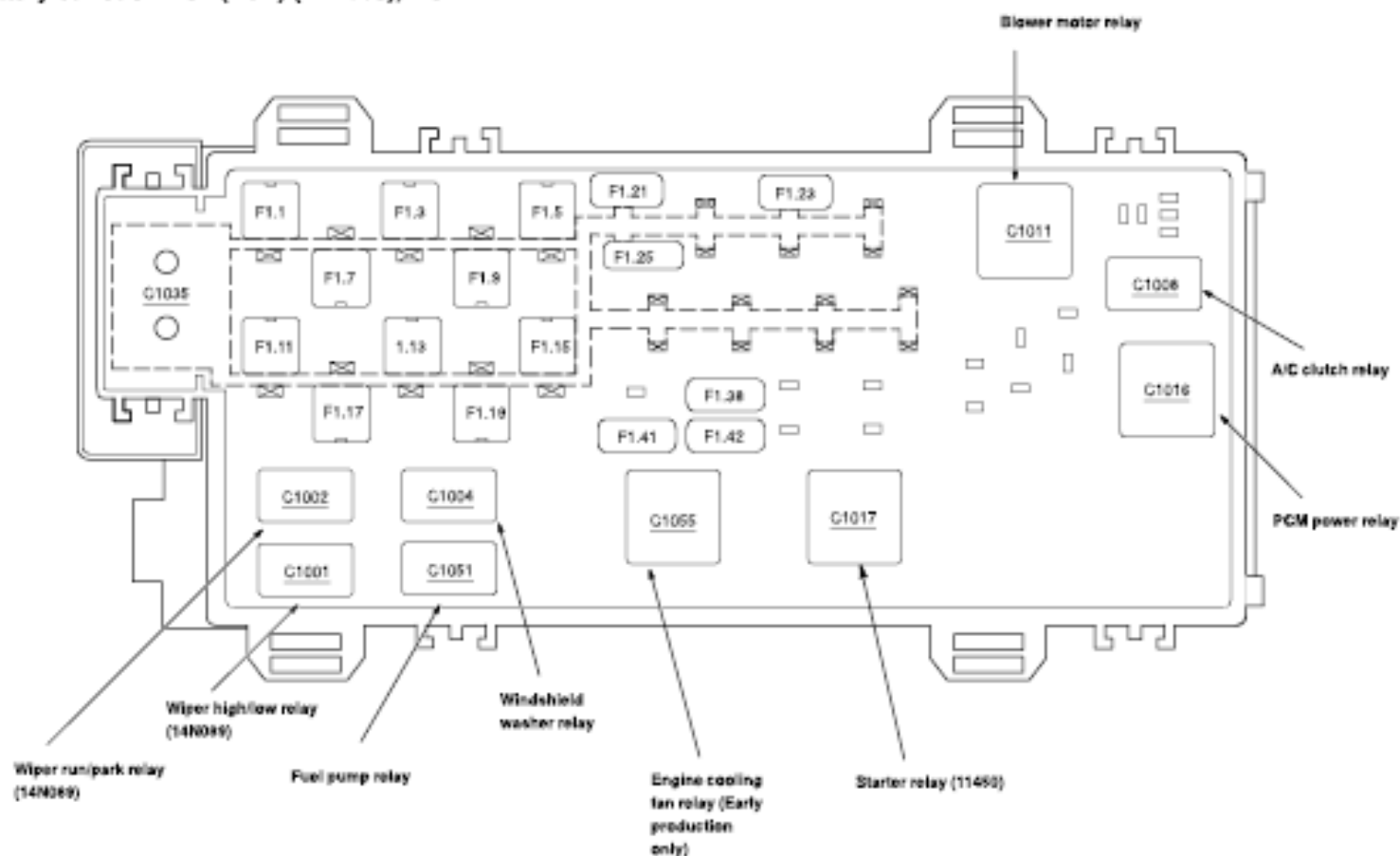
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11-1 Fuse and Relay Information

Battery Junction Box (BJB) (14A003), 2.3L



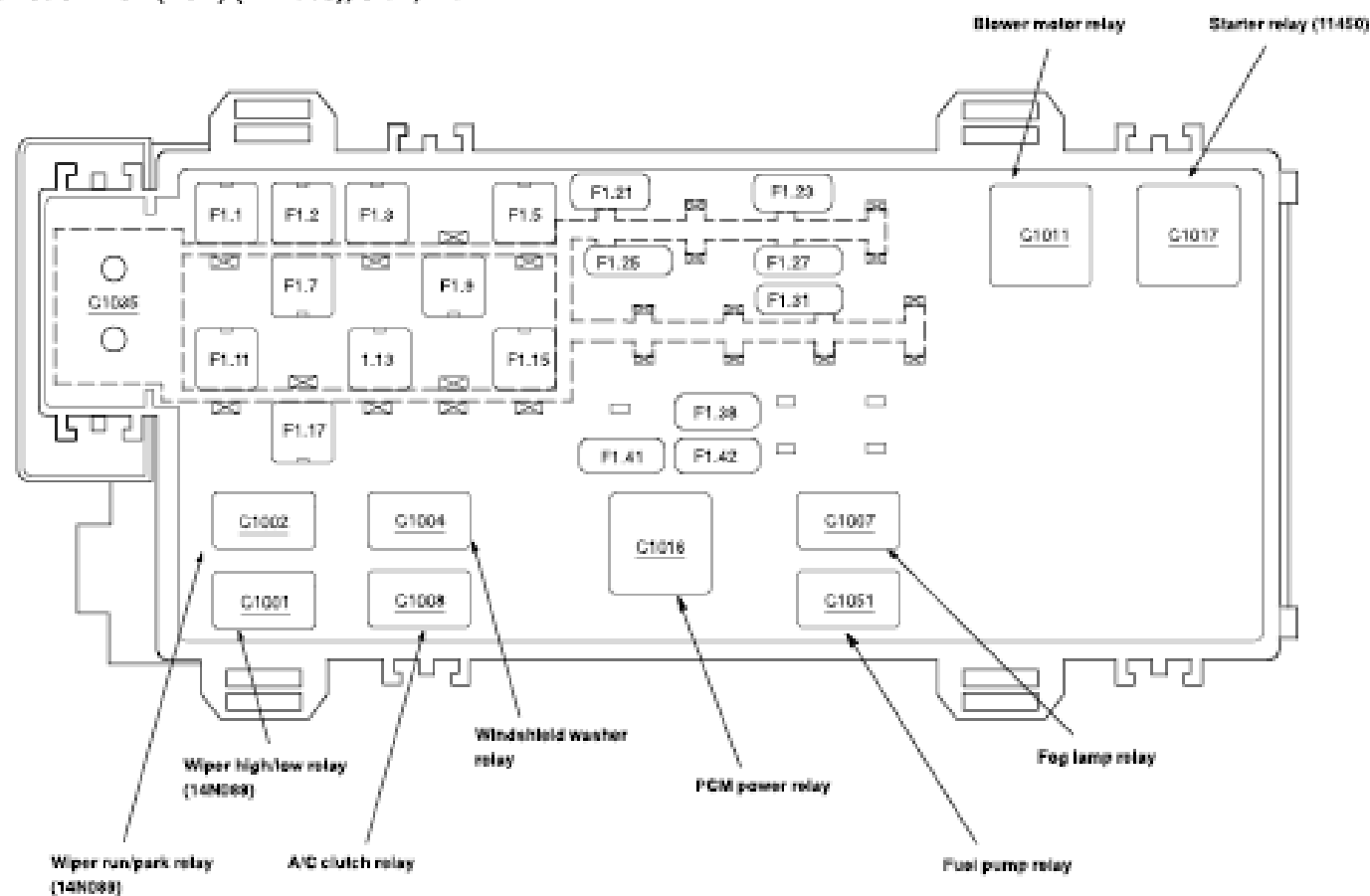
Battery Junction Box (BJB) (14A003), 2.3L

Fuse	Amps	Circuits protected
F1.1	50A	Smart Junction Box (SJB)
F1.2	—	not used
F1.3	50A	Smart Junction Box (SJB)
F1.4	—	not used
F1.5	50A	Smart Junction Box (SJB)
F1.6	—	not used
F1.7	40A	Starter relay (11450)
F1.8	—	not used
F1.9	40A	Ignition switch (11572)
F1.10	—	not used
F1.11	30A	PCM power relay
F1.12	—	not used
F1.13	30A	Blower motor relay
F1.14	—	not used
F1.15	30A	ABS control module (2C219)
F1.16	—	not used
F1.17	40A	ABS control module (2C219)
F1.18	—	not used
F1.19	20A	Engine cooling fan relay
F1.20	—	not used
F1.21	10A	Powertrain Control Module (PCM) (12A850)
F1.22	—	not used
F1.23	20A	Fuel pump relay

Fuse	Amps	Circuits protected
F1.24	—	not used
F1.25	10A	A/C clutch relay
F1.26	—	not used
F1.27	—	not used
F1.28	—	not used
F1.29	—	not used
F1.30	—	not used
F1.31	—	not used
F1.32	—	not used
F1.33	—	not used
F1.34	—	not used
F1.35	—	not used
F1.36	—	not used
F1.37	—	not used
F1.38	7.5A	Trailer tow connector (15A416) – Right turn
F1.39	—	not used
F1.40	—	not used
F1.41	15A	Exhaustive emission (EVP) canister vent valve (9F945), Heated Oxygen Sensor (HO2S) #11 (9F472), Heated Oxygen Sensor (HO2S) #12 (9G444), EGR stepper motor, 5R44E Transmission
F1.42	7.5A	Trailer tow connector (15A416) – Left turn
F1.43	—	not used
F1.44	—	not used

11-3 Fuse and Relay Information

Battery Junction Box (BJB) (14A003), 3.0L, 4.0L



Battery Junction Box (BJB) (14A003), 3.0L, 4.0L

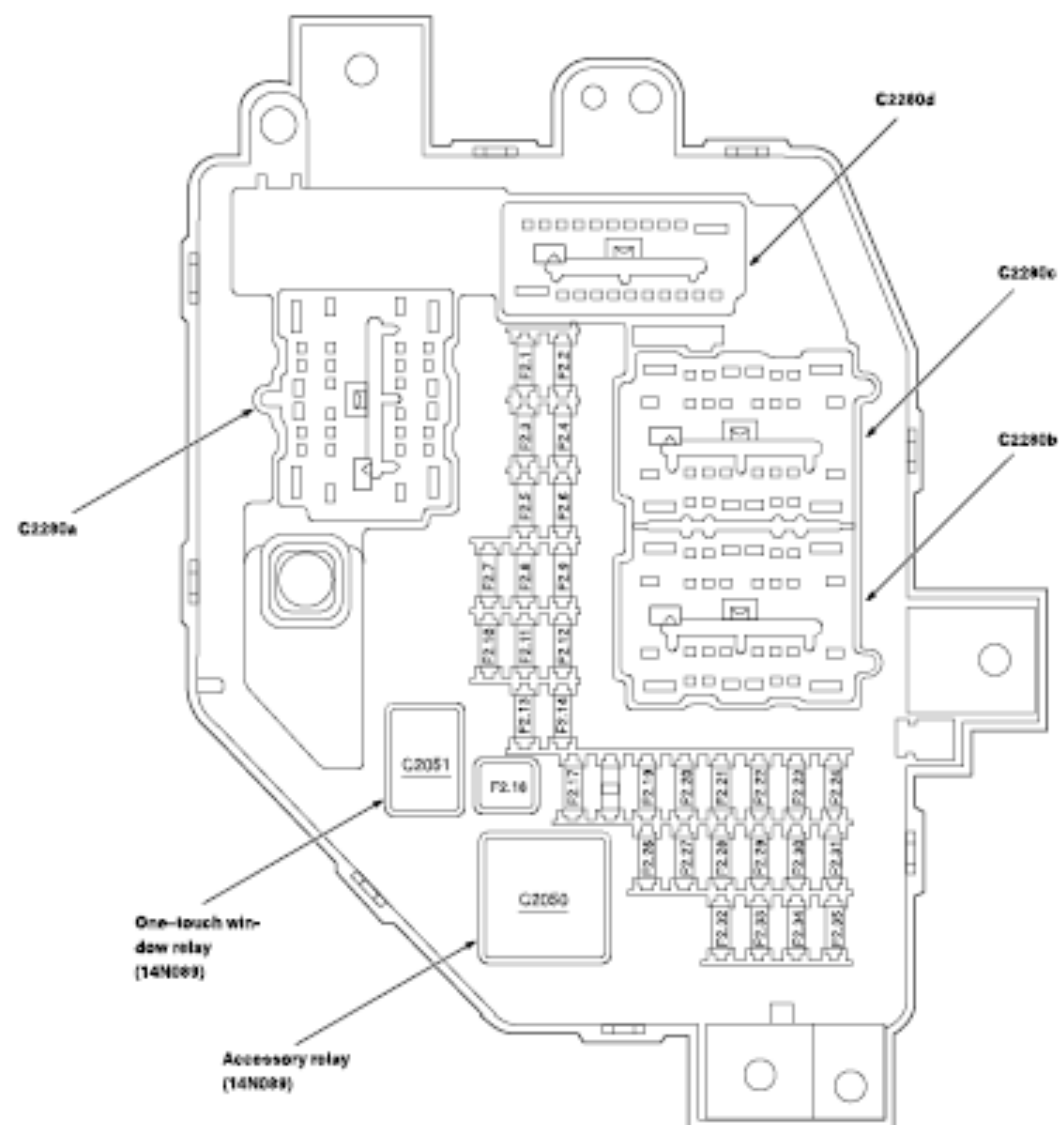
* 3.0L
** 4.0L

Fuse	Amps	Circuits protected
F1.1	50A	Smart Junction Box (SJB)
F1.2	40A	Radio amplifier (Tremor)
F1.3	50A	Smart Junction Box (SJB)
F1.4	—	not used
F1.5	50A	Smart Junction Box (SJB)
F1.6	—	not used
F1.7	40A	Starter relay (11450)
F1.8	—	not used
F1.9	40A	Ignition switch (11572)
F1.10	—	not used
F1.11	30A	PCM power relay
F1.12	—	not used
F1.13	30A	Blower motor relay
F1.14	—	not used
F1.15	30A	ABS control module (2G219)
F1.16	—	not used
F1.17	40A	ABS control module (2G219)
F1.18	—	not used
F1.19	—	not used
F1.20	—	not used
F1.21	10A	Powertrain Control Module (PCM) (12A650)
F1.22	—	not used
F1.23	20A	Fuel pump relay
F1.24	—	not used

Fuse	Amps	Circuits protected
F1.25	10A	A/C clutch relay
F1.26	—	not used
F1.27	20A	Four-wheel drive control module (14B466)
F1.28	—	not used
F1.29	—	not used
F1.30	—	not used
F1.31	15A	Fog lamp relay
F1.32	—	not used
F1.33	—	not used
F1.34	—	not used
F1.35	—	not used
F1.36	—	not used
F1.37	—	not used
F1.38	7.5A	Trailer tow connector (15A416) — Right turn
F1.39	—	not used
F1.40	—	not used
F1.41	15A	Evaporative emission (EVAP) canister vent valve (9F945), Heated Oxygen Sensor (HO2S) #21 (9F472), Heated Oxygen Sensor (HO2S) #11 (9F472), Heated Oxygen Sensor (HO2S) #12 (9G444), *SR44E Transmission, **SR55E Transmission, * Positive crankcase ventilation heater, Heated Oxygen Sensor (HO2S) #22 (9G444), ** EGR valve actuator
F1.42	7.5A	Trailer tow connector (15A416) — Left turn
F1.43	—	not used
F1.44	—	not used

11-5 Fuse and Relay Information

Smart Junction Box (SJB)

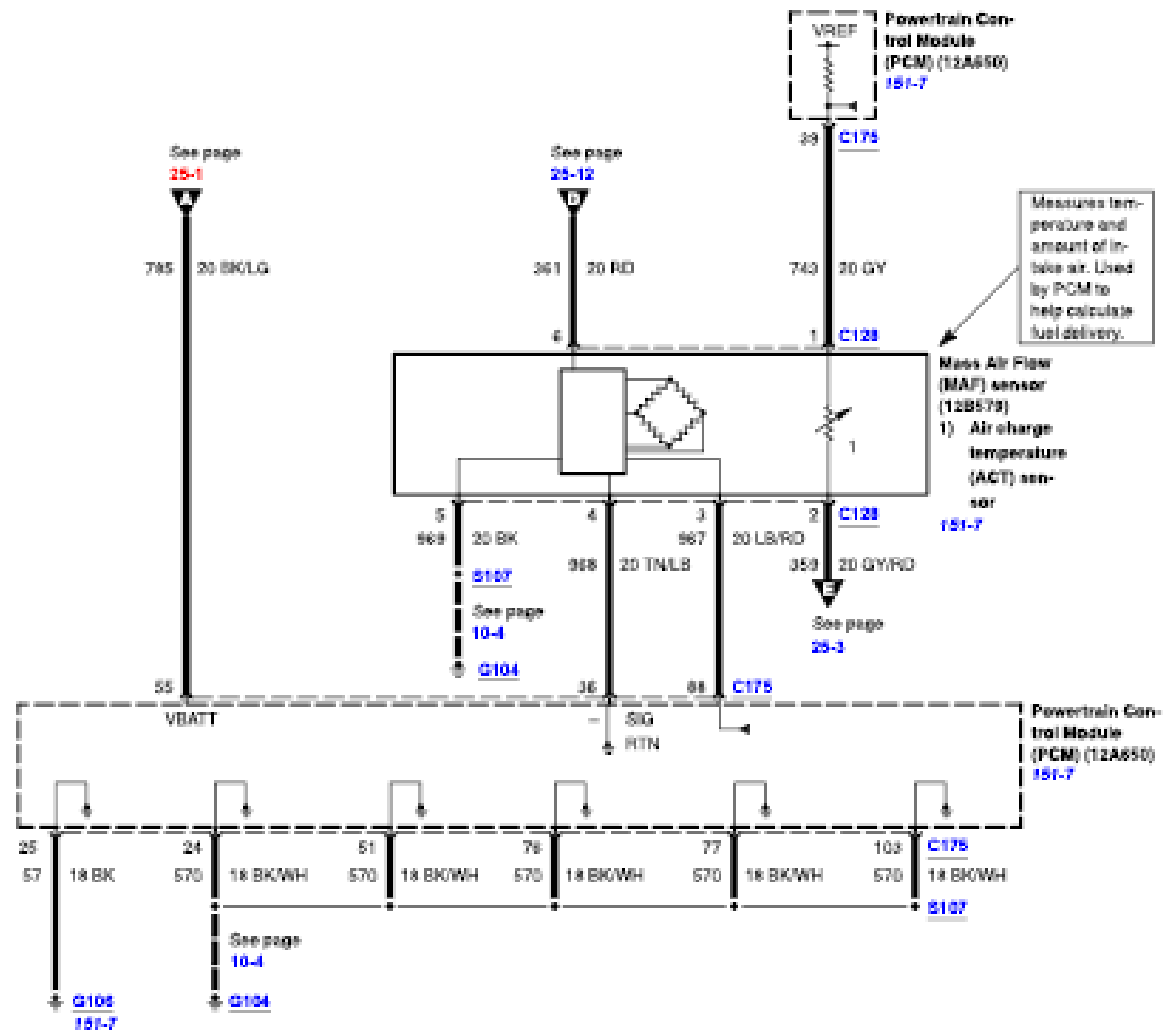


Smart Junction Box (SJB)

Fuse	Amps	Circuits protected
F2.1	5A	Instrument panel dimming module
F2.2	10A	Trailer tow connector (15A416) – Park
F2.3	10A	Headlamp, right (13008) (Low beam lamp feed)
F2.4	10A	Headlamp, left (13008) (Low beam lamp feed)
F2.5	30A	Windshield washer relay, Wiper run/park relay (14N089), Wiper high/low relay (14N089), Windshield wiper motor (17508)
F2.6	10A	Accessory relay (14N089), Audio unit (18808)
F2.7	5A	Main light switch (11854)
F2.8	10A	Restraints control module (14B421), Passenger Air bag Deactivation (PAD) switch (14B288)
F2.9	5A	Instrument cluster (10849), Air bag indicator
F2.10	10A	Four-wheel drive control module (14B466), Instrument cluster (10849)
F2.11	10A	Smart Junction Box (SJB) (14B476), logic power
F2.12	15A	Subwoofer amplifier (14C604) with audiophile
F2.13	15A	Interior lamp/Battery saver relay, Horn relay
F2.14	15A	High beam lamp feed to High beam indicator, Headlamp, right (13008), Headlamp, left (13008)
F2.16	30A	Accessory relay (14N089)
F2.17	15A	Indicator flasher relay (13350)
F2.18	–	not used
F2.19	20A	Brake pedal position switch (Stoplamps)

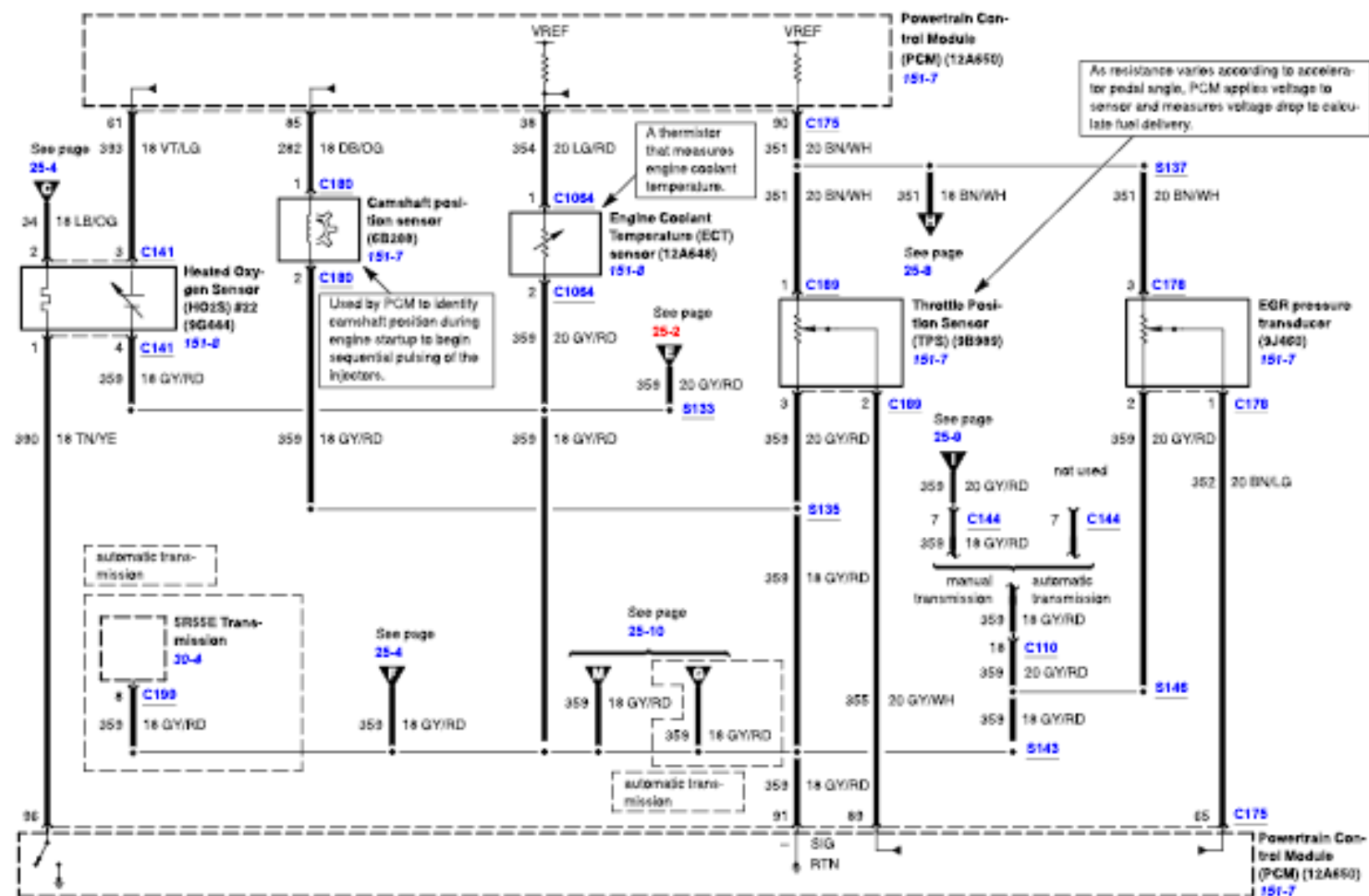
Fuse	Amps	Circuits protected
F2.20	10A	Transmission control switch (7G650), Digital Transmission Range (DTR) sensor (7F293), Speed control servo (9C735), Brake shift interlock (XZ716), ABS control module (2C218), Indicator flasher relay (13350), Reversing lamps switch (15520)
F2.21	5A	Four-wheel drive control module (14B466), Audio unit (18808), Clutch pedal position switch (11A152), Digital Transmission Range (DTR) sensor (7F293), Clutch triple function switch jumper
F2.22	5A	not used
F2.23	30A	Main light switch (11854), Multifunction switch (13K358)
F2.24	20A	Audio unit (18808)
F2.26	2A	Deactivator switch (8F824)
F2.27	10A	Blend door actuator (18E616), Four-wheel drive control module (14B466), Function selector switch assembly, front (13B468)
F2.28	15A	Four-wheel drive control module (14B466)
F2.29	20A	Cigar lighter, front (15055), Data Link Connector (DLC) (14489)
F2.30	5A	Exterior rear view mirror switch (17B676)
F2.31	20A	Park lamp relay
F2.32	5A	Brake pedal position switch (logic power)
F2.33	5A	Instrument cluster (10849)
F2.34	20A	Power point (18N036)
F2.35	15A	Door lock/unlock relay, Driver door unlock relay

4.0L

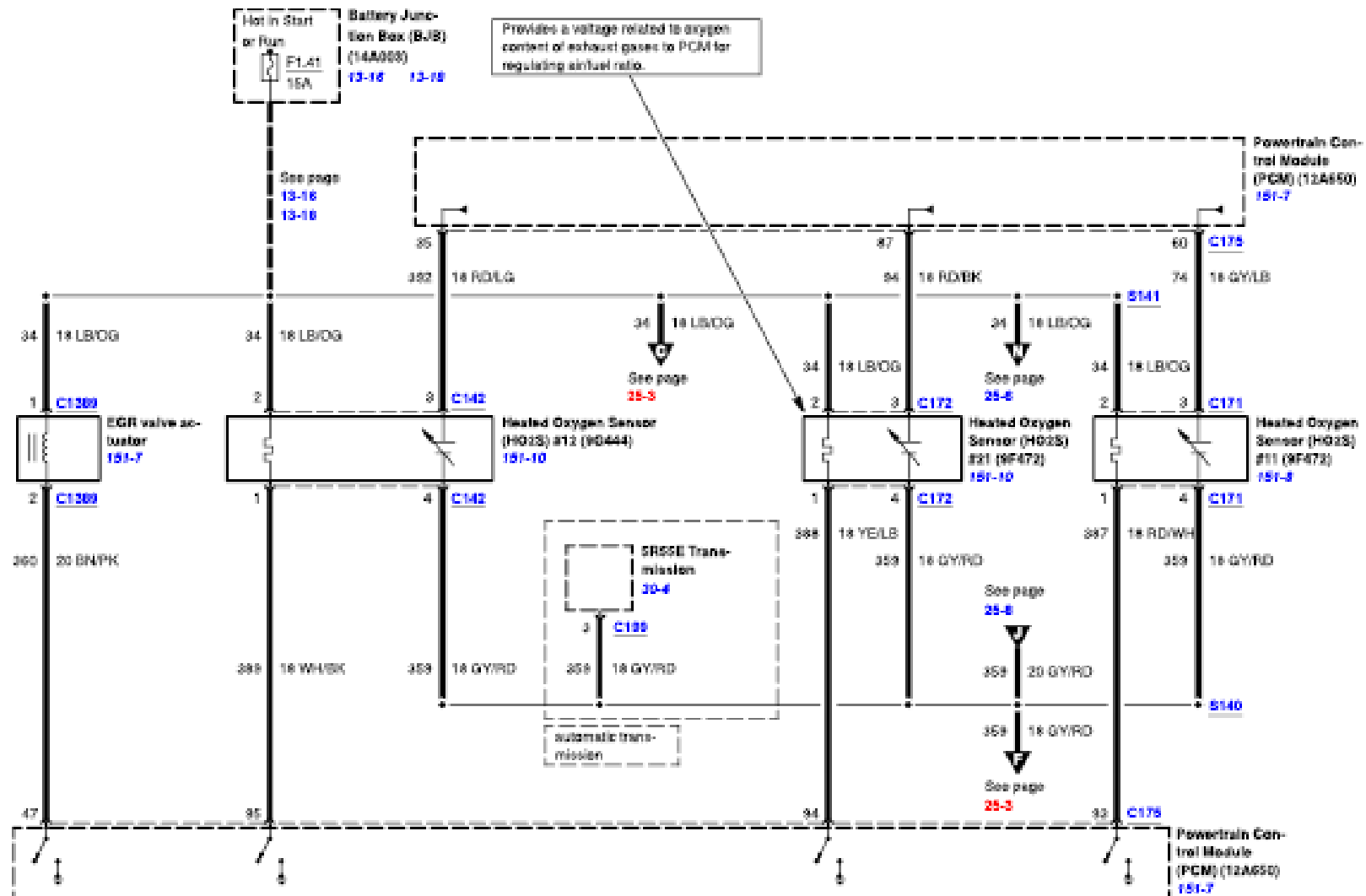


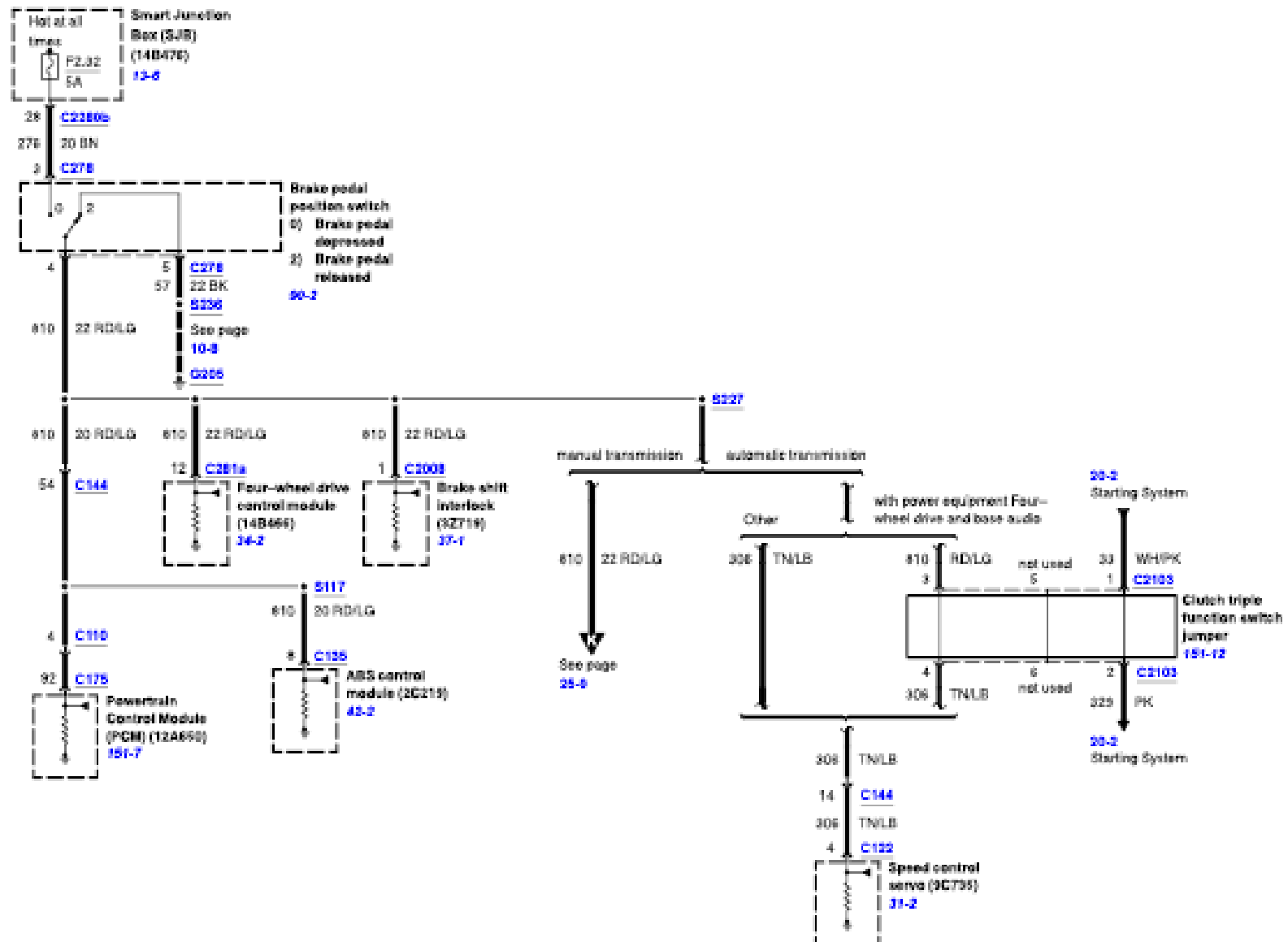
25-3 Engine Controls

4.0L

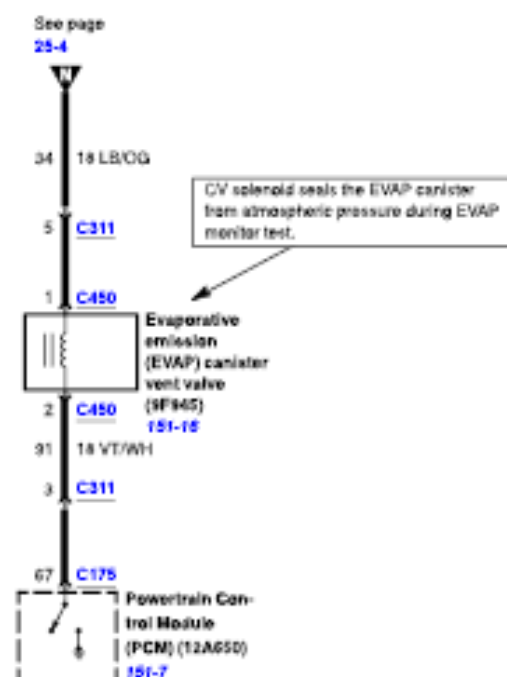


4.0L



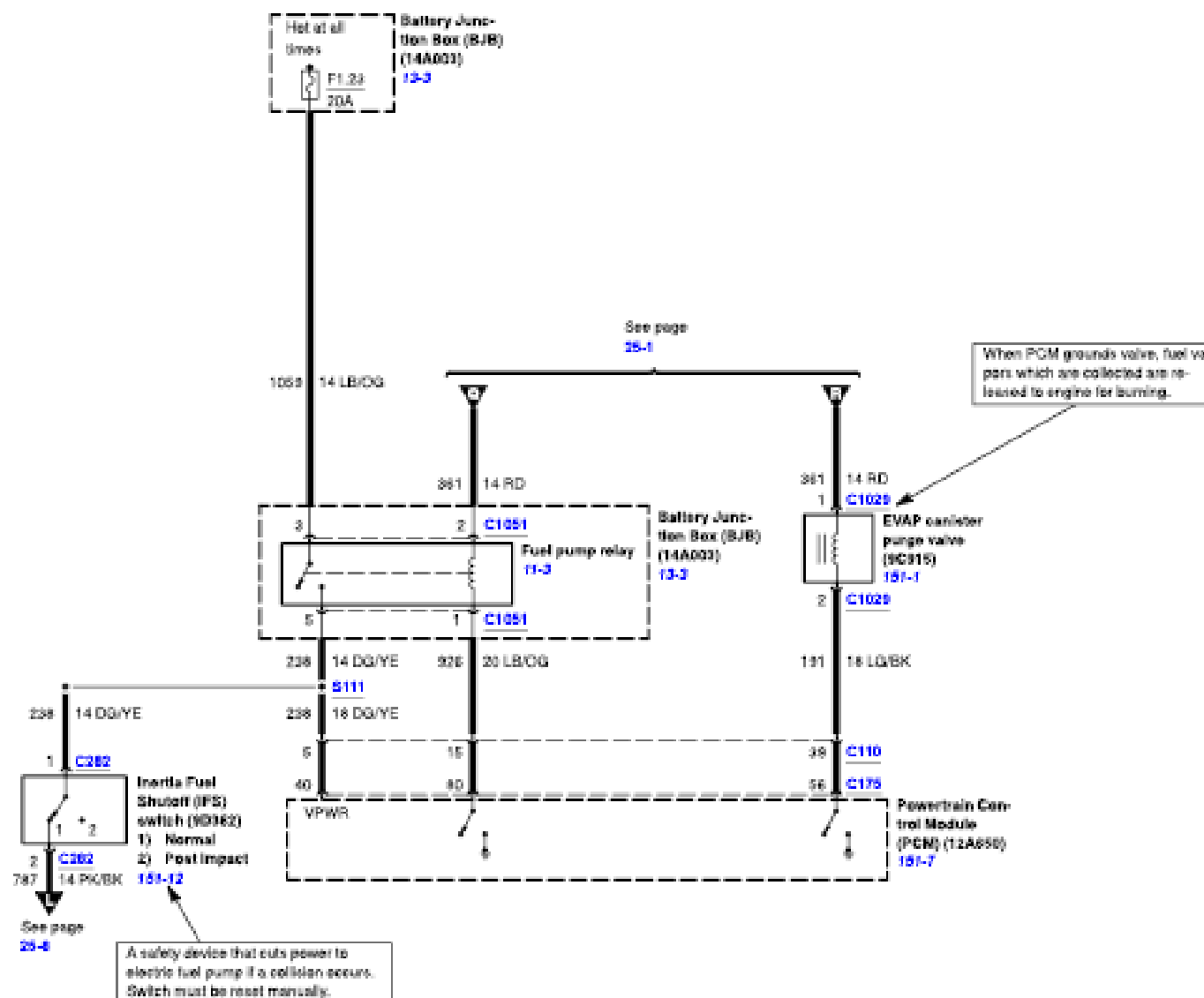


4.0L

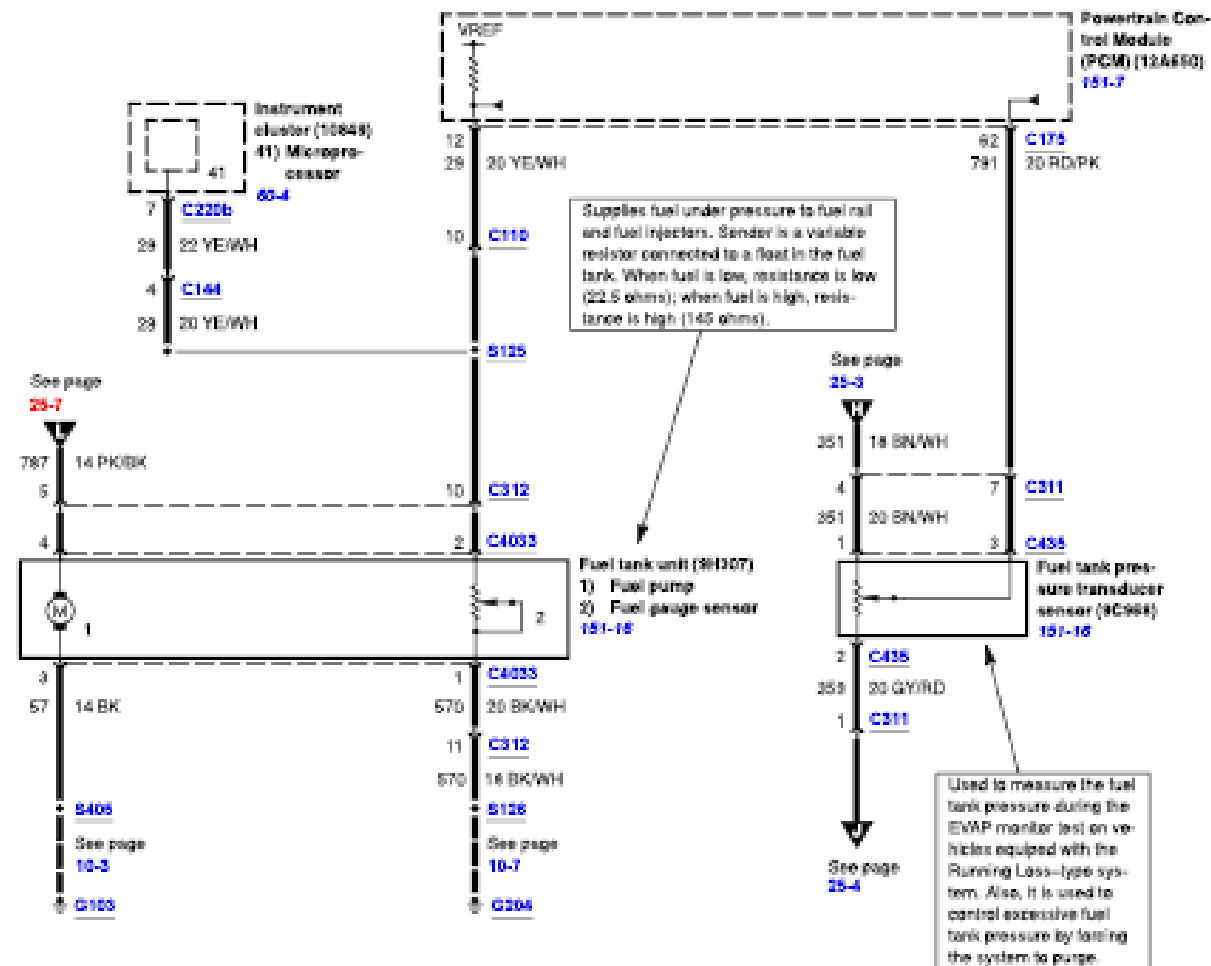


25-7 Engine Controls

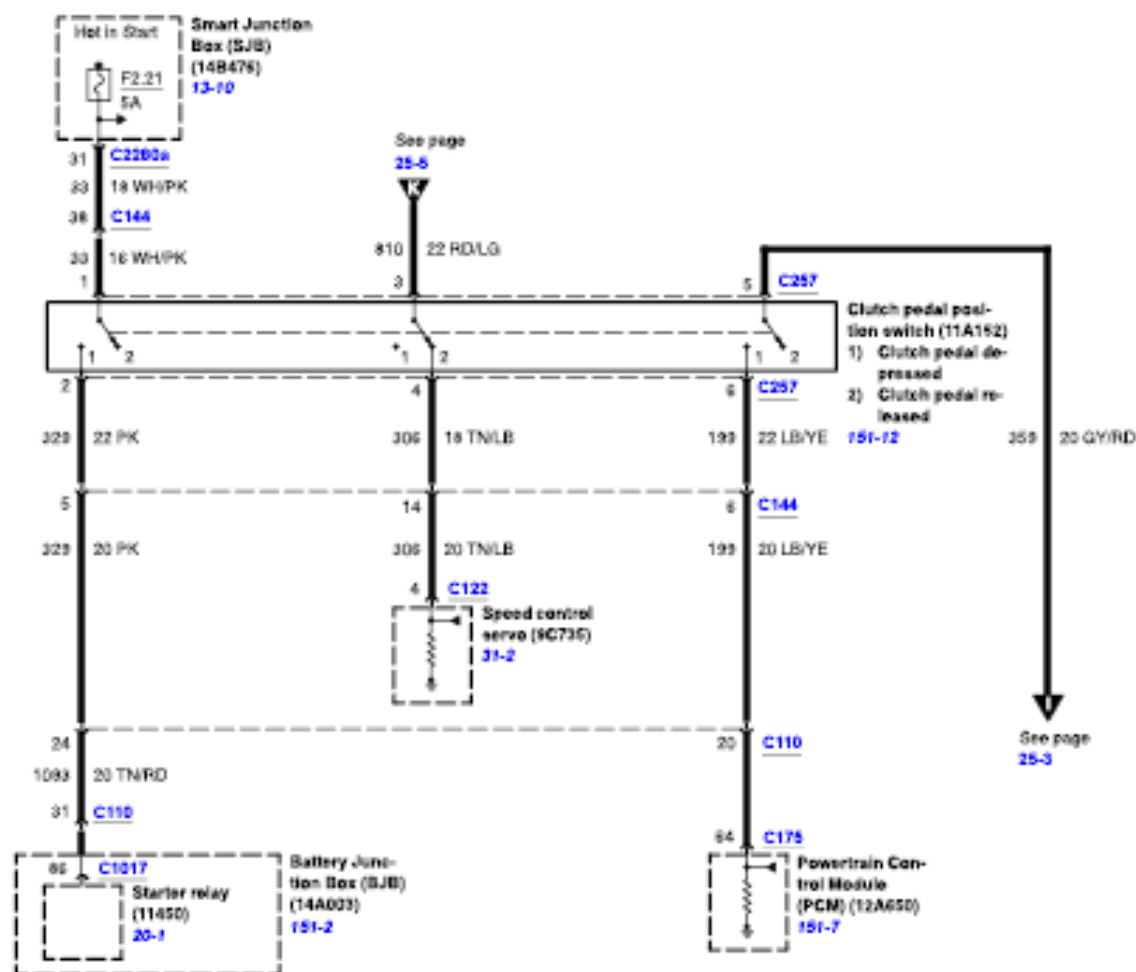
4.0L



4.0L

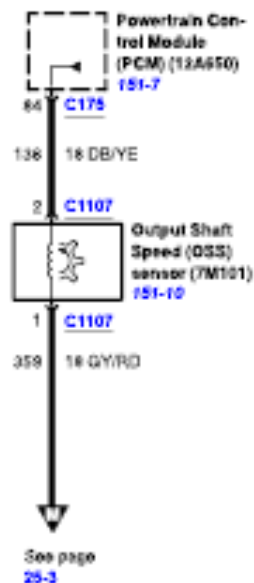


4.0L – Manual transmission

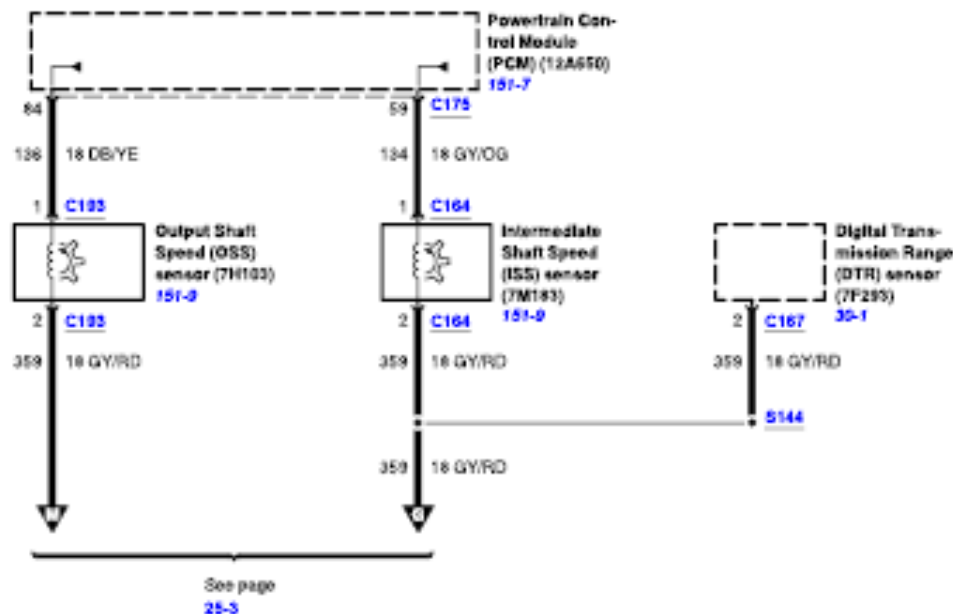


4.0L

manual transmission

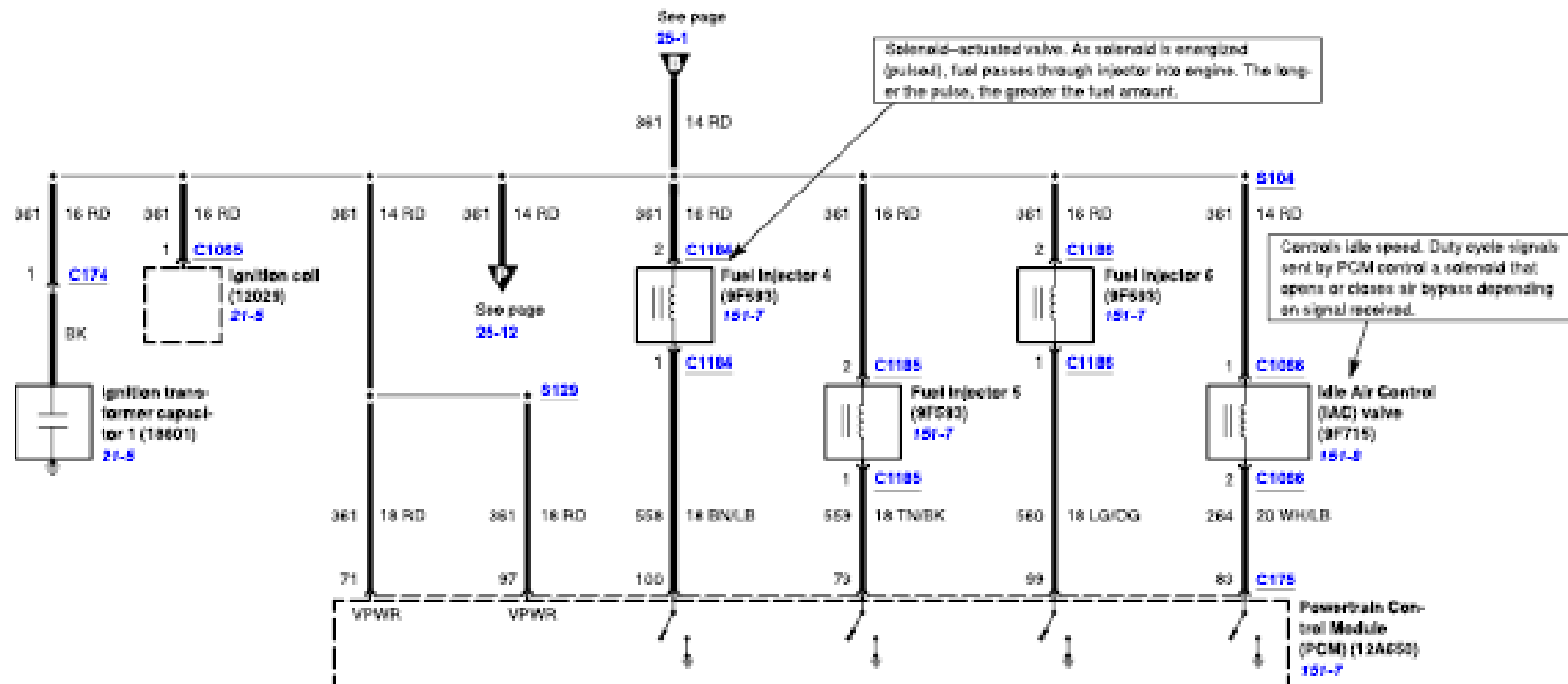


automatic transmission

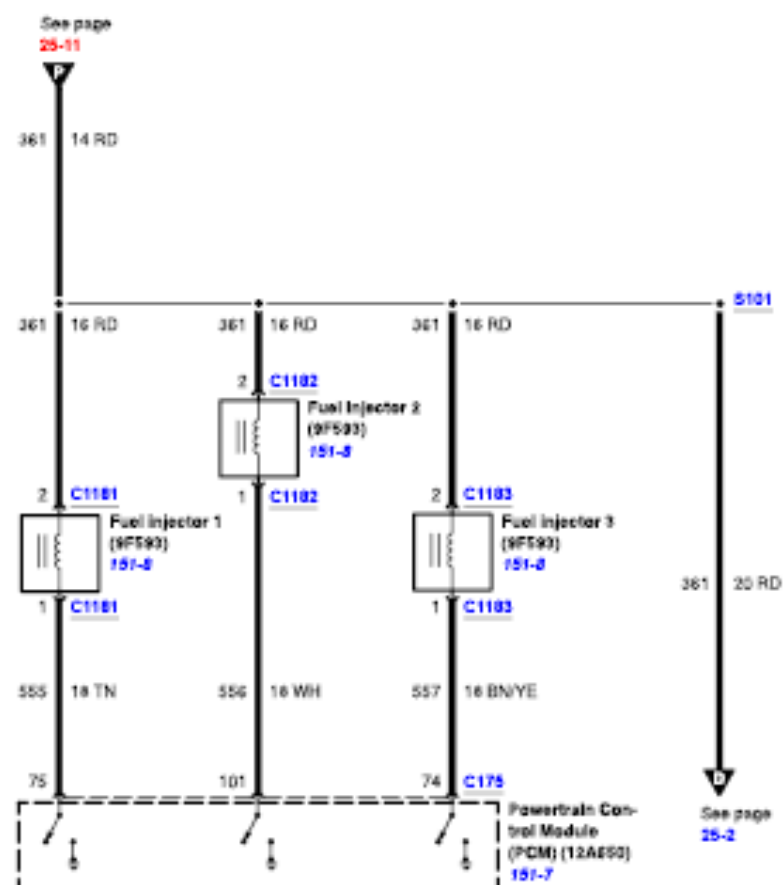


25-11 Engine Controls

4.0L

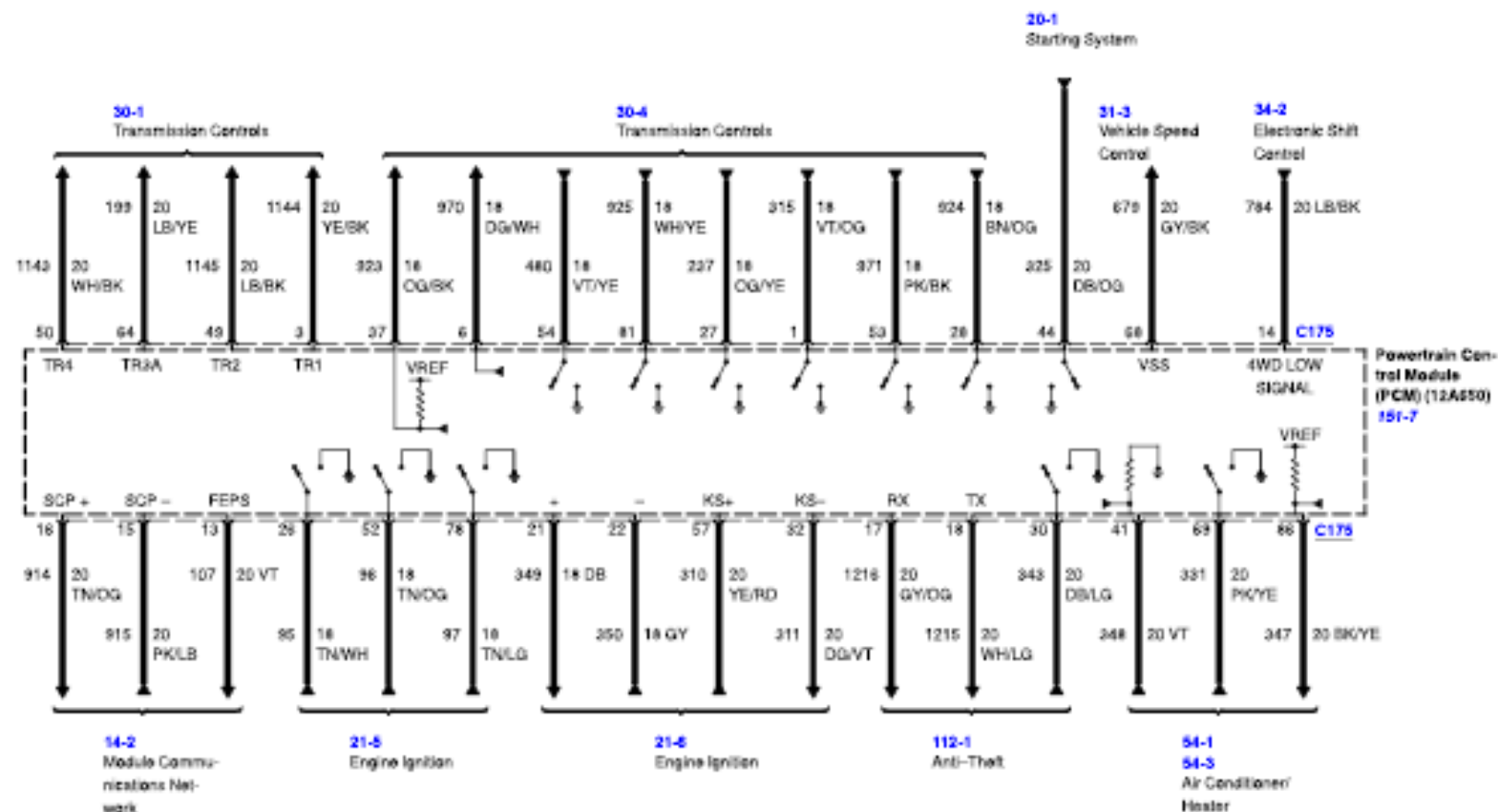


4.0L

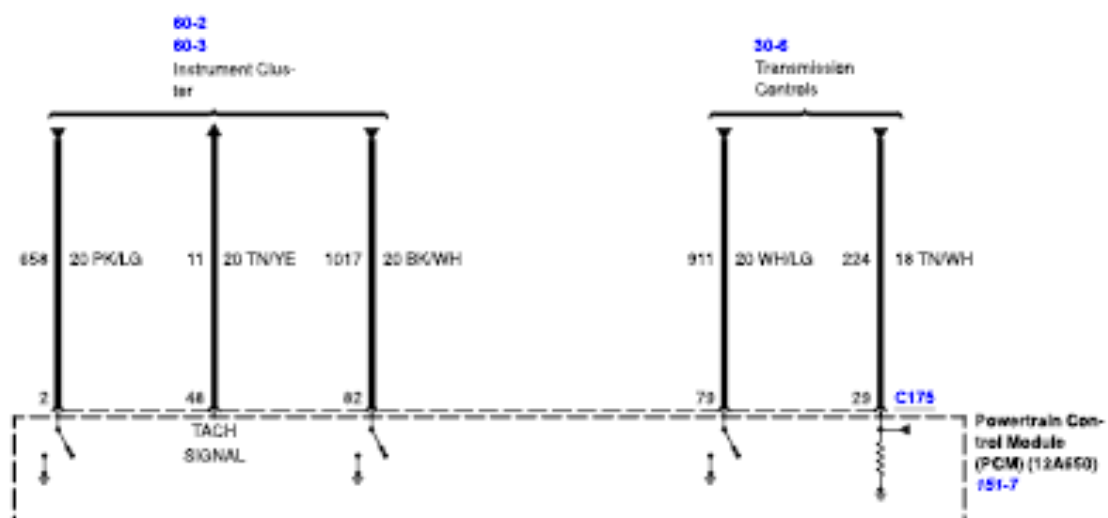


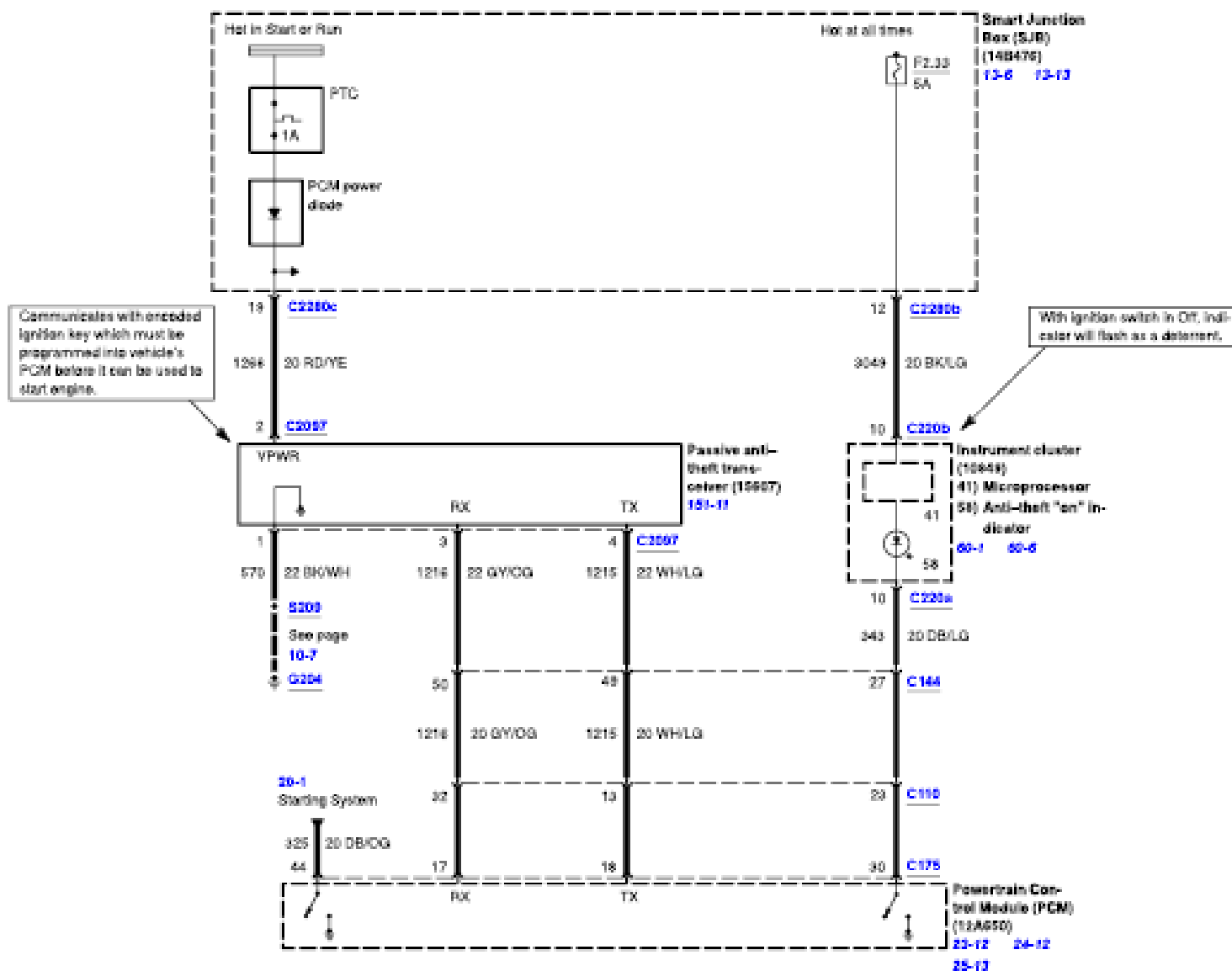
25-13 Engine Controls

4.0L



4.0L





150-1 Connector Views

C100 (BK)

14A280

A/C clutch field coil
(190799)



FEMALE

Pin	Circuit	Circuit function
1	321 (GY/WH)	A/C clutch relay, switched output
2	57 (BK)	Ground

C102b

14A280

Generator (10346)



Pin	Circuit	Circuit function
1	38 (BK/OG)	Voltage supplied at all times (not overload protected)

C101 (BK)

12B637

Crankshaft position
sensor (6C315)



FEMALE



FEMALE

Pin	Circuit	Circuit function
1	349 (DB)	Crankshaft position sensor (6C315) . . .
2	350 (GY)	Crankshaft position sensor (6C315) +

C102c (GY)

14A280

Generator (10346)



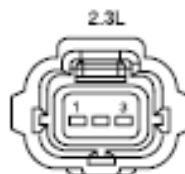
FEMALE

Pin	Circuit	Circuit function
1	4 (WH/BK)	Generator regulator . . . S. . . terminal, to generator . . . S. . . terminal

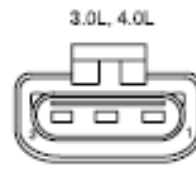
C102a (BK)

14A280

Generator (10346)



FEMALE



FEMALE

Pin	Circuit	Circuit function
1	904 (LG/RD)	Generator/Battery indicator, control
2	4 (WH/BK)	Generator regulator . . . S. . . terminal, to generator . . . S. . . 3.0L, 4.0L
3	36 (YE/WH)	Voltage supplied at all times (overload protected)

C103 (WH)

14A280 . . . 4.0L, 2.3L

12B637 . . . 3.0L

Oil pressure switch
(9278)



FEMALE

Pin	Circuit	Circuit function
1	253 (DG/WH)	Oil pressure switch (9278), input

C107**12B637**

Cylinder, . . . head temperature sensor (6G004)



Pin	Circuit	Circuit function
1	1102 (YE/LG)	Cylinder, . . . head temperature sensor (6G004), to, Powertrain Control Module (PCM) (12A650)
2	359 (GY/RD)	signal, return

C109 (BK)**12B637**

Knock sensor (12A699)



Pin	Circuit	Circuit function
1	310 (YE/RD)	Knock sensor (12A699)
2	311 (DG/VT)	Knock sensor (12A699)

C108**12B637**

Knock sensor (12A699)

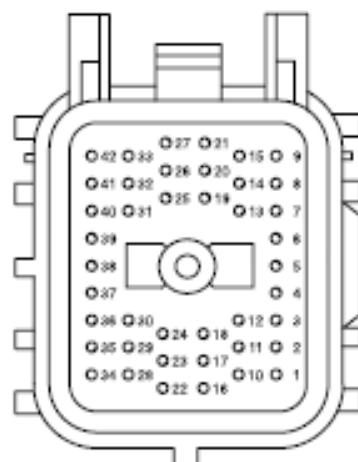


* 3.0L

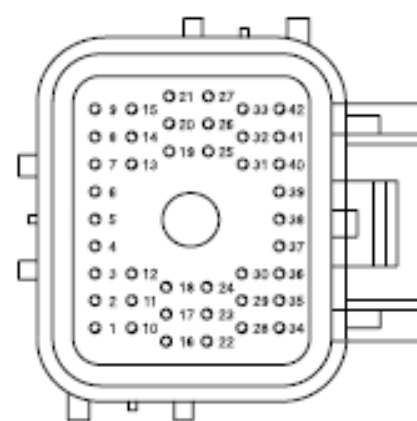
Pin	Circuit	Circuit function
1	*310 (YE/RD)	Knock sensor (12A699) +
	311 (DG/VT)	Knock sensor (12A699) . . .
2	*311 (DG/VT)	Knock sensor (12A699) . . .
	310 (YE/RD)	Knock sensor (12A699) +

C110 (BK)

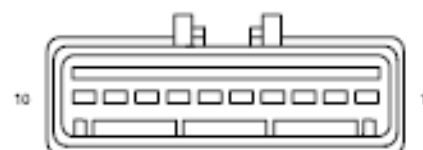
* 2.3L
 ** 3.0L
 *** 4.0L
 † 4.0L manual transmission
 †† except, 2.3L, 3.0L, manual transmission

14290**MALE**

(1) -	(15) 926 (LB/OG)	(29) 784 (LB/BK)
(2) 11 (TN/YE)	(16) 39 (RD/WH)	(30) 331 (PK/YE)
(3) 915 (PK/LB)	(17) -	(31) 1093 (TN/RD)
(4) 810 (RD/LG)	(18) 359 (GY/RD)	(32) 1216 (GY/OG)
(5) 236 (DG/YE)	(19) -	(33) 463 (RD/WH)
(6) 658 (PK/LG)	(20) 199 (LB/YE)	(34) 570 (BK/WH)
(7) 679 (GY/BK)	(21) -	(35) 347 (BK/YE)
(8) 729 (RD/WH)	(22) 107 (VT)	(36) 34 (LB/OG)
(9) 361 (RD)	(23) 343 (DB/LG)	(37) 348 (VT)
(10) 29 (YE/WH)	(24) 329 (PK)	(38) 1003 (RD/BK)
(11) 914 (TN/OG)	(25) 298 (VT/OG)	*3702 (OG/WH)
(12) 224 (TN/WH)	(26) **253 (DG/WH)	(39) 191 (LG/BK)
(13) 1215 (WH/LG)	*1105 (YE/LB)	(40) 911 (WH/LG)
(14) -	(27) -	(41) 1017 (BK/WH)
	(28) 325 (DB/OG)	(42) 570 (BK/WH)

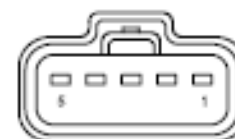
12B637**FEMALE**

(1) -	(15) 926 (LB/OG)	(29) 784 (LB/BK)
(2) 11 (TN/YE)	(16) 39 (RD/WH)	(30) 331 (PK/YE)
(3) 915 (PK/LB)	(17) -	(31) 329 (PK)
(4) 810 (RD/LG)	(18) 359 (GY/RD)	††1093 (TN/RD)
(5) 236 (DG/YE)	(19) -	(32) 1216 (GY/OG)
(6) 658 (PK/LG)	(20) 199 (LB/YE)	(33) 463 (RD/WH)
(7) 679 (GY/BK)	(21) -	(34) 570 (BK/WH)
(8) 729 (RD/WH)	(22) 107 (VT)	(35) 347 (BK/YE)
***785 (BK/LG)	(23) 343 (DB/LG)	(36) 34 (LB/OG)
(9) 361 (RD)	(24) †1093 (TN/RD)	(37) 348 (VT)
(10) 29 (YE/WH)	329 (PK)	(38) 463 (RD/WH)
(11) 914 (TN/OG)	(25) 298 (VT/OG)	*3702 (OG/WH)
(12) 224 (TN/WH)	(26) **253 (DG/WH)	(39) 191 (LG/BK)
(13) 1215 (WH/LG)	*1105 (YE/LB)	(40) 911 (WH/LG)
(14) -	(27) -	(41) 1017 (BK/WH)
	(28) 325 (DB/OG)	(42) 570 (BK/WH)

C122 (BK)**14290**Speed control servo
(9C735)

FEMALE

Pin	Circuit	Circuit function
1	203 (OG/LB)	Cruise set, indicator, control
2	- - -	not used
3	679 (GY/BK)	Vehicle Speed Sensor (VSS), input
4	306 (TN/LB)	Brake pedal position switch (13480), input
5	151 (LB/BK)	Speed control switch, input
6	848 (DG/OG)	Speed control switch, Ground
7	16 (RD/LG)	Voltage supplied in Start and Run (overload protected)
8	- - -	not used
9	307 (BK/YE)	Deactivator switch, input
10	57 (BK)	Ground

C125 (BK)**14290**Windshield wiper
motor (17508)

FEMALE

Pin	Circuit	Circuit function
1	56 (DB/OG)	Wiper high/low relay, switched power, output, High
2	58 (WH)	Wiper high/low relay, switched power, output, Low
3	57 (BK)	Ground
4	1671 (RD)	Voltage in Run or Accessory (overload protected)
5	671 (LB)	Wiper run/park relay, switched output

C124 (BK)**14290**Brake fluid level
switch (2L414)

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	512 (TN/LG)	Brake indicator, control
3	531 (DG/YE)	Brake fluid level switch (2L414), signal

C128**12B637**

Mass Air Flow
(MAF) sensor
(12B579)



FEMALE

Pin	Circuit	Circuit function
1	743 (GY)	Intake air temperature sensor, input
2	359 (GY/RD)	signal, return
3	967 (LB/RD)	Mass Air Flow (MAF) sensor (12B579), output
4	968 (TN/LB)	Mass Air Flow (MAF) sensor (12B579), signal, return
5	570 (BK/WH)	Ground
	*969 (BK)	Ground
6	361 (RD)	Voltage supplied in Start and Run (overload protected)

* 4.0L

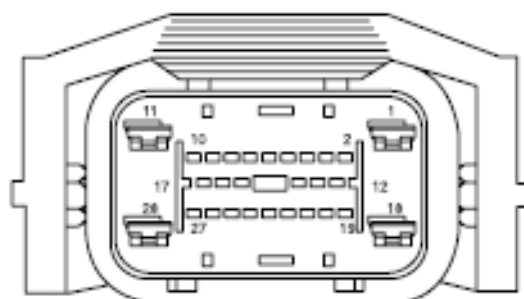
C131 (BK)**14290**

Horn (13632)



FEMALE

Pin	Circuit	Circuit function
1	6 (YE/LG)	Horn (13632) feed
2	57 (BK)	Ground

C135 (BK)**14290**ABS control module
(2C219)

FEMALE

Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	...	not used
3	516 (YE/BK)	Wheel speed sensor, right front (2C204) . . .
4	514 (YE/RD)	Wheel speed sensor, right front (2C204) +
5	521 (TN/OG)	Wheel speed sensor, left front (2C205) +
6	522 (TN/BK)	Wheel speed sensor, left front (2C205) . . .
7	...	not used
8	810 (RD/LG)	Brake pedal position switch (13480), input
9	—	not used
10	210 (LB)	Four . . . wheel drive, status
11	483 (RD)	Voltage supplied at all times (overload protected)
12	...	not used
13	...	not used
14	523 (RD/PK)	Rear axle speed sensor (4B409) +

Pin	Circuit	Circuit function
15	...	not used
16	70 (LB/WH)	ISO Bus
17	603 (DG)	Anti . . . lock brake indicator, control
18	57 (BK)	Ground
19	...	not used
20	605 (RD)	Voltage supplied in Run (overload protected)
21	519 (LG/BK)	Rear axle speed sensor (4B409) . . .
22	—	not used
23	531 (DG/YE)	Brake fluid level switch (2L414), signal
24	...	not used
25	512 (TN/LG)	Brake fluid level switch (2L414), return
26	...	not used
27	22 (LB/BK)	Brake fluid level switch (2L414), indicator, control
28	534 (YE/LG)	Voltage supplied at all times (overload protected)

C137 (BK)**14290**Windshield washer
pump motor (17618)

FEMALE

Pin	Circuit	Circuit function
1	941 (BK/WH)	Windshield washer pump motor (17618), feed
2	57 (BK)	Ground

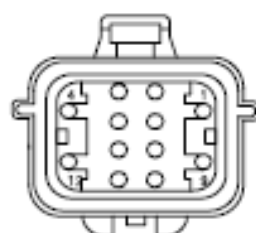
C141 (BU)**12B637**Heated Oxygen
Sensor (HO2S) #22
(9G444)

3.0L, 4.0L

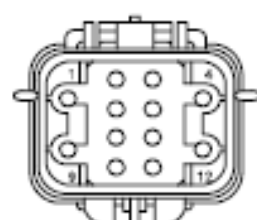


FEMALE

Pin	Circuit	Circuit function
1	390 (TN/YE)	Heated Oxygen Sensor (HO2S) #22 (9G444), heater
2	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
3	393 (VT/LG)	Heated Oxygen Sensor (HO2S) #22 (9G444), input
4	359 (GY/RD)	signal, return

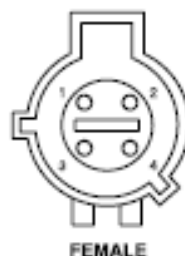
C139 (BK)**14290****14A280**

FEMALE



MALE

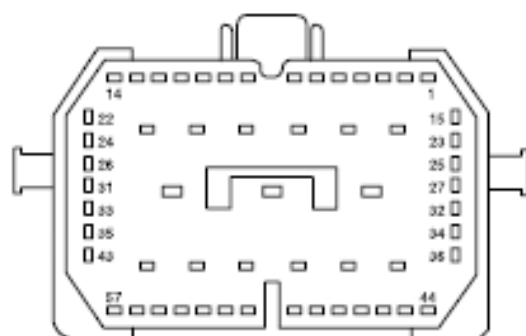
- | | |
|-----------------|------------------|
| (1) - | (7) - |
| (2) 441 (RD/YE) | (8) 253 (DG/WH) |
| (3) 57 (BK) | (9) 113 (YE/LB) |
| (4) - | (10) - |
| (5) 570 (BK/WH) | (11) 304 (LG/RD) |
| (6) 321 (GY/WH) | (12) - |

C142 (BU)**12B637**Heated Oxygen
Sensor (HO2S) #12
(9G444)

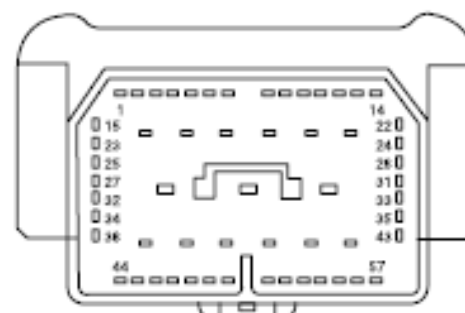
Pin	Circuit	Circuit function
1	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12 (9G444), heater
2	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
3	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12 (9G444), input
4	359 (GY/RD)	signal, return

C144

* automatic transmission

14290**FEMALE**

(1) 605 (RD)	(20) -	(39) 477 (LB/BK)
(2) 16 (RD/LG)	(21) 704 (DG/LG)	(40) 478 (TN/DG)
(3) 535 (LB/RD)	(22) 11 (TN/YE)	(41) 348 (VT)
(4) 29 (YE/WH)	(23) 911 (WH/LG)	(42) 1000 (RD/BK)
(5) 329 (PK)	(24) 1017 (BK/WH)	(43) 570 (BK/WH)
(6) 199 (LB/YE)	(25) 253 (DG/WH)	(44) 474 (DG/LG)
(7) 359 (GY/RD)	(26) 904 (LG/RD)	(45) 70 (LB/WH)
(8) 932 (GY/WH)	(27) 343 (DB/LG)	(46) 107 (VT)
(9) -	(28) 37 (YE)	(47) 915 (PK/LB)
(10) 5 (DG/LB)	(29) 57 (BK)	(48) 914 (TN/DG)
(11) 9 (LG/DG)	(30) -	(49) 1215 (WH/LG)
(12) 2 (WH/LB)	(31) 151 (LB/BK)	(50) 1216 (GY/DG)
(13) 3 (LG/WH)	(32) 658 (PK/LG)	(51) 463 (RD/WH)
(14) 306 (TN/LB)	(33) 846 (DG/DG)	(52) 679 (GY/BK)
(15) 203 (DG/LB)	(34) 39 (RD/WH)	(53) 784 (LB/BK)
(16) 298 (VT/DG)	(35) 1105 (YE/LB)	(54) 810 (RD/LG)
(17) 962 (BN/WH)	(36) -	(55) 22 (LB/BK)
(18) 1339 (BK/PK)	(37) 224 (TN/WH)	(56) 603 (DG)
(19) -	(38) 33 (WH/PK)	(57) 210 (LB)

14401**MALE**

(1) 605 (RD)	(21) 704 (DG/LG)	(39) 477 (LB/BK)
(2) 16 (RD/LG)	(22) 11 (TN/YE)	(40) 478 (TN/DG)
(3) 535 (LB/RD)	(23) 911 (WH/LG)	(41) 348 (VT)
(4) 29 (YE/WH)	(24) 1017 (BK/WH)	(42) 1000 (RD/BK)
(5) 329 (PK)	(25) 253 (DG/WH)	(43) 570 (BK/WH)
(6) 199 (LB/YE)	(26) 904 (LG/RD)	(44) 474 (DG/LG)
(7) 359 (GY/RD)	(27) 343 (DB/LG)	(45) 70 (LB/WH)
(8) 932 (GY/WH)	(28) 37 (YE)	(46) 107 (VT)
(9) -	(29) 57 (BK)	(47) 915 (PK/LB)
(10) 5 (DG/LB)	(30) 511 (LG)	(48) 914 (TN/DG)
(11) 9 (LG/DG)	(31) 151 (LB/BK)	(49) 1215 (WH/LG)
(12) 2 (WH/LB)	(32) 658 (PK/LG)	(50) 1216 (GY/DG)
(13) 3 (LG/WH)	(33) 846 (DG/DG)	(51) 463 (RD/WH)
(14) 306 (TN/LB)	(34) 39 (RD/WH)	(52) 679 (GY/BK)
(15) 203 (DG/LB)	(35) 1105 (YE/LB)	(53) 784 (LB/BK)
(16) 298 (VT/DG)	(36) -	(54) 810 (RD/LG)
(17) 962 (BN/WH)	(37) 224 (TN/WH)	(55) 22 (LB/BK)
(18) 1339 (BK/PK)	(38) 33 (WH/PK)	(56) 603 (DG)
(19) -	*329 (PK)	(57) 210 (LB)
(20) -		

C150 (BK)**14290**Wheel speed sensor, left front
(2C205)

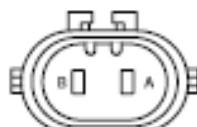
FEMALE

Pin	Circuit	Circuit function
1	521 (TN/OG)	Wheel speed sensor, left front (2C205) +
2	522 (TN/BK)	Wheel speed sensor, left front (2C205) . . .

C162 (BK)**14290**Fog lamp, right front
(15200)

FEMALE

Pin	Circuit	Circuit function
A	478 (TN/OG)	Fog lamp relay, output, to, fog lamps
B	57 (BK)	Ground

C152 (BK)**14290**Fog lamp, left front
(15200)

FEMALE

Pin	Circuit	Circuit function
A	478 (TN/OG)	Fog lamp relay, output, to, fog lamps
B	57 (BK)	Ground

C164 (GN)**12B637**Intermediate Shaft
Speed (ISS) sensor
(7M183)

FEMALE

Pin	Circuit	Circuit function
1	134 (GY/OG)	Powertrain Control Module (PCM) (12A650), Intermediate Shaft Speed (ISS) sensor (7M183), signal
2	359 (GY/RD)	signal, return

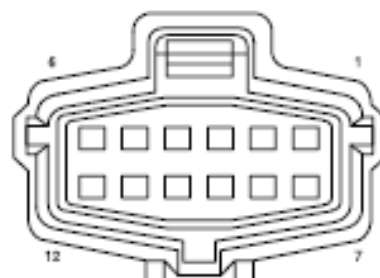
C160 (BK)**14290**Wheel speed sensor, right front
(2C204)

FEMALE

Pin	Circuit	Circuit function
1	514 (YE/RD)	Wheel speed sensor, right front (2C204) +
2	516 (YE/BK)	Wheel speed sensor, right front (2C204) . . .

C167 (BK)**12B637**

Digital Transmission Range (DTR) sensor (7F290)



FEMALE

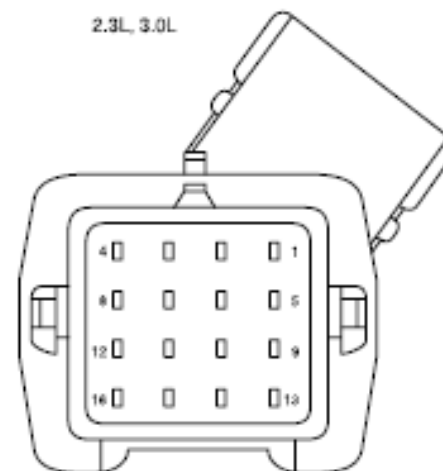
Pin	Circuit	Circuit function
1	- - -	not used
2	359 (GY/RD)	signal, return
3	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A . . . 4.0L
	1268 (RD/BK)	Digital Transmission Range (DTR) sensor, TR3A . . . 2.3L, 3.0L
4	1144 (YE/BK)	Digital Transmission Range (DTR) sensor, TR1
5	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
6	1143 (WH/BK)	Digital Transmission Range (DTR) sensor, TR4
7	57 (BK)	Ground
8	463 (RD/WH)	Neutral, switch sense, input
9	298 (VT/OG)	Voltage supplied in Run (overload protected)
10	1093 (TN/RD)	Power, Hot in Start with Park or Neutral
11	140 (BK/PK)	Voltage supplied in reverse
12	329 (PK)	Voltage supplied in Start (overload protected)

C168 (BK)

2.3L, 3.0L

12B637

SR44E Transmission

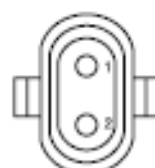


FEMALE

Pin	Circuit	Circuit function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	970 (DG/WH)	Turbine Shaft Speed (TSS) sensor (7M101)
3	359 (GY/RD)	signal, return
4	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
5	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid, control
6	- - -	not used
7	971 (PK/BK)	Shift solenoid C, control
8	359 (GY/RD)	signal, return
9	924 (BN/OG)	Shift solenoid D, control
10	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
11	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
12	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid, control
13	- - -	not used
14	315 (VT/OG)	Shift solenoid B, control
15	- - -	not used
16	237 (OG/YE)	Shift solenoid A, control

C169 (BK)

manual transmission

12B637Reversing lamp
switch (15520)

FEMALE

Pin	Circuit	Circuit function
1	140 (BK/PK)	Voltage supplied in reverse
2	298 (VT/OG)	Voltage supplied in Run (overload protected)

C171 (GY)**12B637**Heated Oxygen
Sensor (HO2S) #11
(9F472)

FEMALE

Pin	Circuit	Circuit function
1	367 (RD/WH)	Heated Oxygen Sensor (HO2S) #11 (9F472), heater
2	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
3	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11 (9F472), input
4	359 (GY/RD)	signal, return

C172 (GY)**12B637**Heated Oxygen
Sensor (HO2S) #21
(9F472)

FEMALE

Pin	Circuit	Circuit function
1	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21 (9F472), heater
2	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
3	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21 (9F472), input
4	359 (GY/RD)	signal, return

C174 (GY)

4.0L

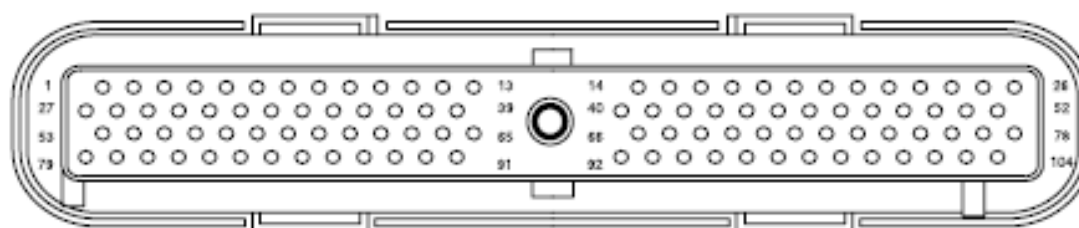
12B637Ignition transformer
capacitor 1 (18821)

FEMALE

Pin	Circuit	Circuit function
1	361 (RD)	Voltage supplied in Start and Run (overload protected)

C175 (GY)**12B637**

Powertrain Control
Module (PCM)
(12A692)



FEMALE

Pin	Circuit	Circuit function
1	315 (VT/OG)	Shift solenoid B, control
2	658 (PK/LG)	Malfunction Indicator Lamp (MIL), control
3	1144 (YE/BK)	Digital Transmission Range (DTR) sensor, TR1
4	. . .	not used
5	. . .	not used
6	970 (DG/WH)	Turbine Shaft Speed (TSS) sensor (7M101), signal
7	. . .	not used
8	. . .	not used
9	. . .	not used
10	. . .	not used
11	. . .	not used
12	29 (YE/WH)	Fuel pump/fuel gauge sender
13	107 (VT)	Module programming signal
14	784 (LB/BK)	Four. . . wheel drive, indicator, Low
15	915 (PK/LB)	SCP Bus -
16	914 (TN/OG)	SCP Bus +
17	1216 (GY/OG)	RX, signal
18	1215 (WH/LG)	TX, signal
19	1105 (YE/LB)	fail. . . safe cooling, input - 2.3L
20	. . .	not used
21	349 (DB)	Crankshaft position sensor (6C315) +
22	350 (GY)	Crankshaft position sensor (6C315) . . .

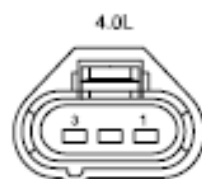
Pin	Circuit	Circuit function
23	-	not used
24	570 (BK/WH)	Ground
25	57 (BK)	Ground
26	95 (TN/WH)	Ignition coil (12029)
27	237 (OG/YE)	Shift solenoid A, control
28	924 (BN/OG)	Shift solenoid D, control
29	224 (TN/WH)	PCM, to transmission overdrive cancel switch
30	343 (DB/LG)	Anti. . . theft, indicator, input
31	328 (YE/LG)	Power steering pressure switch, input, 2.3L
32	311 (DG/VT)	Knock sensor (12A699) . . .
33	. . .	not used
34	. . .	not used
35	392 (RD/LG)	Heated Oxygen Sensor (HO2S) #12 (9G444), input
36	968 (TN/LB)	Mass Air Flow (MAF) sensor (12B579), signal, return
37	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
38	354 (LG/RD)	Engine Coolant Temperature (ECT) sensor (12A648), input, . . . 3.0L, 4.0L
39	743 (GY)	Intake Air Temperature (IAT) sensor (12A697), input
40	238 (DG/YE)	Fuel pump relay, switched power, output
41	348 (VT)	A/C demand signal
42	. . .	not used
43	. . .	not used
44	325 (DB/OG)	Starter relay (11450), control

Pin	Circuit	Circuit function
45	3702 (OG/WH)	Engine cooling fan relay, control - 2.3L
46	. . .	not used
47	360 (BN/PK)	EGR Vacuum Regulator (EVR), control . . . 4.0L
48	11 (TN/YE)	Tachometer
49	1145 (LB/BK)	Digital Transmission Range (DTR) sensor, TR2
50	1143 (WH/BK)	Digital Transmission Range (DTR) sensor, TR4
51	570 (BK/WH)	Ground
52	96 (TN/OG)	Ignition coil (12029)
53	971 (PK/BK)	Shift solenoid C, control
54	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid, control
55	729 (RD/WH)	Voltage supplied at all times (overload protected) - 2.3L, 3.0L
	785 (BK/LG)	Voltage supplied at all times (overload protected) - 4.0L
56	191 (LG/BK)	Powertrain Control Module (PCM) (12A650), EVAP canister purge valve
57	310 (YE/RD)	Knock sensor (12A699) +
58	. . .	not used
59	134 (GY/OG)	Powertrain Control Module (PCM) (12A650) - Intermediate Shaft Speed (ISS) sensor (7M183) . . . 2.3L, 3.0L, 4.0L, automatic transmission, signal
60	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11 (9F472), input
61	393 (VT/LG)	Heated Oxygen Sensor (HO2S) #22 (9G444), input . . . 3.0L, 4.0L
62	791 (RD/PK)	Fuel tank pressure transducer sensor (9C968)
63	358 (LG/BK)	Manifold Absolute Pressure (MAP) sensor, to, Powertrain Control Module (PCM) (12A650) . . . 2.3L
64	199 (LB/YE)	Digital Transmission Range (DTR) sensor, TR3A . . . automatic transmission, 4.0L
	199 (LB/YE)	Clutch pedal position switch, to, Powertrain Control Module (PCM) (12A650) . . . manual transmission, 2.3L, 4.0L
	1268 (RD/BK)	Digital Transmission Range (DTR) sensor, TR3A . . . automatic transmission, 2.3L, 3.0L

Pin	Circuit	Circuit function
65	352 (BN/LG)	EGR pressure transducer, input . . . 4.0L
66	1102 (YE/LG)	Cylinder, . . . head temperature sensor (6G004), to, Powertrain Control Module (PCM) (12A650) 2.3L
67	91 (VT/WH)	Canister vent
68	679 (GY/BK)	Vehicle Speed Sensor (VSS)
69	331 (PK/YE)	A/C clutch relay, control
70	. . .	not used
71	361 (RD)	Voltage supplied in Start and Run (overload protected)
72	560 (LG/OG)	EGR stepper motor . . . B1 2.3L
73	559 (TN/BK)	Fuel injector 5, control . . . 3.0L, 4.0L
	562 (LB)	EGR stepper motor . . . A1 2.3L
74	557 (BN/YE)	Fuel injector 3, control
75	555 (TN)	Fuel injector 1, control
76	570 (BK/WH)	Ground
77	570 (BK/WH)	Ground
78	97 (TN/LG)	Ignition coil (12029) . . . 3.0L, 4.0L
79	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL), control
80	926 (LB/OG)	Fuel pump relay, control
81	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid, control
82	1017 (BK/WH)	Check cap indicator lamp
83	264 (WH/LB)	Idle Air Control (IAC) valve (9F715), control
84	136 (DB/YE)	Powertrain Control Module (PCM) (12A650) - Output Shaft Speed (OSS) sensor (7H103), signal
	282 (DB/OG)	Camshaft position sensor (6B288), input . . . 4.0L
85	795 (DG)	Camshaft position sensor (6B288), input . . . 2.3L, 3.0L
	347 (BK/YE)	A/C clutch relay, switched output
87	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21 (9F472), input - 3.0L, 4.0L
88	967 (LB/RD)	Mass Air Flow (MAF) sensor (12B579), output
89	355 (GY/WH)	Throttle Position Sensor (TPS) (9B989), input
90	351 (BN/WH)	Reference, voltage
91	359 (GY/RD)	signal, return
92	810 (RD/LG)	Brake pedal position switch (13480), input

150-15 Connector Views

Pin	Circuit	Circuit function
93	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11 (9F472), heater
94	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21 (9F472), heater - 3.0L, 4.0L
95	389 (WH/BK)	Heated Oxygen Sensor (HO2S) #12 (9G444), heater
96	390 (TN/YE)	Heated Oxygen Sensor (HO2S) #22 (9G444), heater . . . 3.0L, 4.0L
97	361 (RD)	Voltage supplied in Start and Run (overload protected)
98	559 (TN/BK)	EGR stepper motor . . . B2 2.3L
99	560 (LG/OG)	Fuel injector 6, control - 3.0L, 4.0L
	561 (TN/RD)	EGR stepper motor . . . A2 2.3L
100	558 (BN/LB)	Fuel injector 4, control
101	556 (WH)	Fuel injector 2, control
102	. . .	not used
103	570 (BK/WH)	Ground
104	. . .	not used

C178 (GY)**12B637**EGR pressure
transducer (8J480)

FEMALE

Pin	Circuit	Circuit function
1	352 (BN/LG)	EGR pressure transducer, signal
2	359 (GY/RD)	signal, return
3	351 (BN/WH)	Reference, voltage

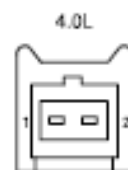
C190 (BK)**12B637**Positive crankcase
ventilation heater

3.0L



MALE

Pin	Circuit	Circuit function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	57 (BK)	Ground

C180 (BK)**12B637**Camshaft position
sensor (8B288)

FEMALE

Pin	Circuit	Circuit function
1	282 (DB/OG)	Camshaft position sensor (8B288), input
2	359 (GY/RD)	signal, return

C193 (BK)**12B637**Output Shaft Speed
(OSS) sensor
(7H103)

automatic transmission



FEMALE

Pin	Circuit	Circuit function
1	136 (DB/YE)	Powertrain Control Module (PCM) (12A650) - Output Shaft Speed (OSS) sensor (7H103), signal
2	359 (GY/RD)	signal, return

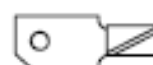
C189 (BK)**12B637**Throttle Position
Sensor (TPS)
(9B989)

FEMALE

Pin	Circuit	Circuit function
1	351 (BN/WH)	Reference, voltage
2	355 (GY/WH)	Throttle Position Sensor (TPS) (9B989), input
3	359 (GY/RD)	signal, return

C197a**14A280**Starter motor
(11032)

2.3L



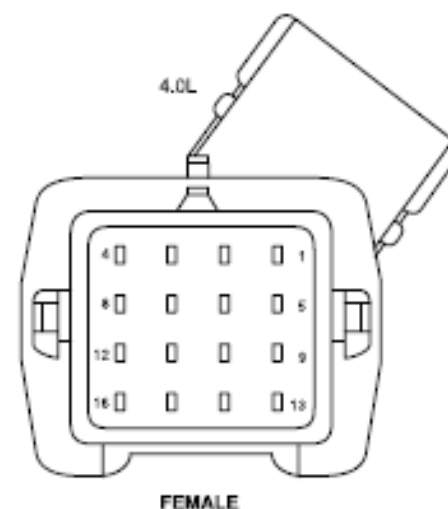
3.0L, 4.0L



Pin	Circuit	Circuit function
1	2037 (RD)	Battery cable +

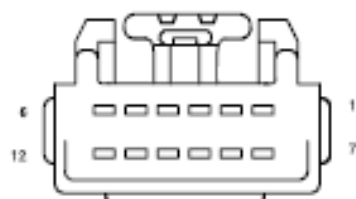
C197b**14A280**Starter motor
(11002)

Pin	Circuit	Circuit function
1	113 (YE/LB)	Starter motor (11002) to starter motor relay

C199 (BK)**12B637**SRSE Transmis-
sion

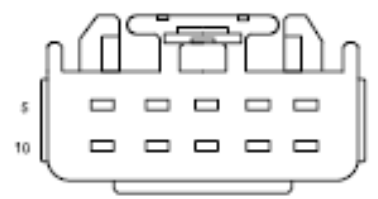
FEMALE

Pin	Circuit	Circuit function
1	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
2	970 (DG/WH)	Turbine Shaft Speed (TSS) sensor
3	359 (GY/RD)	signal, return
4	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input
5	480 (VT/YE)	Torque Converter Clutch (TCC) solenoid, control
6	-	not used
7	971 (PK/BK)	Shift solenoid C, control
8	359 (GY/RD)	signal, return
9	924 (BN/OG)	Shift solenoid D, control
10	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
11	34 (LB/OG)	Voltage supplied in Start and Run (overload protected)
12	925 (WH/YE)	Electronic Pressure Control (EPC) solenoid
13	-	not used
14	315 (VT/OG)	Shift solenoid B, control
15	-	not used
16	237 (OG/YE)	Shift solenoid A, control

C202a (GY)**14A320**Multifunction switch
(13K359)

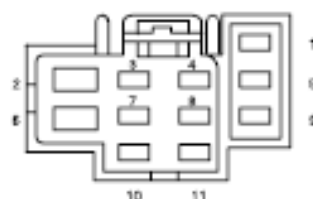
FEMALE

Pin	Circuit	Circuit function
1	61 (YE/RD)	Wiper switch circuit A
2	65 (DG)	Wiper switch circuit C
3	63 (RD)	Wiper switch circuit B
4	680 (LB/OG)	Wiper switch circuit . . . High
5	950 (WH/BK)	Wiper switch circuit . . . Washer
6	57 (BK)	Ground
7	2 (WH/LB)	Turn lamps, feed, right front
8	5 (OG/LB)	Turn lamps, feed, right rear
9	9 (LG/OG)	Turn lamps, feed, left rear
10	3 (LG/WH)	Turn lamps, feed, left front
11	. . .	not used
12	. . .	not used

C202b (GY)**14A320**Multifunction switch
(13K359)

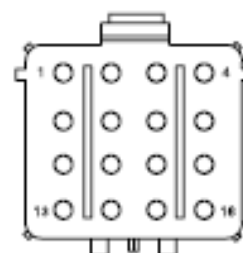
FEMALE

Pin	Circuit	Circuit function
1	511 (LG)	Brake pedal position switch (13480), output
2	44 (LB)	Indicator flasher relay, turn signal switched power
3	385 (WH/RD)	Indicator flasher relay, hazard switched power
4	. . .	not used
5	. . .	not used
6	196 (DB/OG)	Voltage supplied at all times (overload protected)
7	632 (GY/OG)	Power, Hot with High Beams on
8	164 (VT/LB)	Switched power, Hot with Headlamps on
9	13 (RD/BK)	switched power, output, to, Low beam, Headlamp, Fuses
10	. . .	not used

C205 (BK)**14401**Main light switch
(11654)

FEMALE

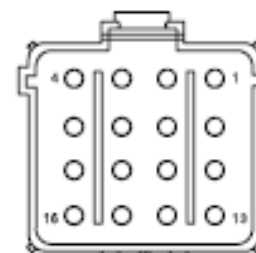
Pin	Circuit	Circuit function
1	- - -	not used
2	164 (VT/LB)	Power, Hot with Headlamps on
3	1032 (WH/BK)	Power, Exterior lamps
4	1696 (LG/WH)	Voltage supplied in Start and Run (overload protected)
5	57 (BK)	Ground
6	1033 (RD/YE)	Voltage supplied at all times (overload protected)
7	57 (BK)	Ground
8	484 (OG/BK)	Headlamp switch, output
9	19 (LB/RD)	Illumination, Power
10	- - -	not used
11	- - -	not used

C210 (GY)**14631**

MALE

- (1) 956 (DG/LG)
(2) 1284 (LB)
(3) 813 (WH/YE)
(4) 314 (TN/LB)
(5) 119 (PK/YE)
(6) 120 (PK/LG)

- (7) 400 (LB/BK)
(8) 1343 (RD)
(9) 992 (WH/BK)
(10) -
(11) 931 (TN/LB)

14401

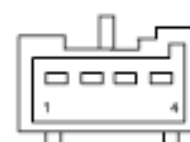
FEMALE

- (12) -
(13) 544 (VT)
(14) 543 (DG)
(15) 903 (RD)
(16) 945 (YE/BK)

C206 (BK)**14401**Instrument panel
dimming module

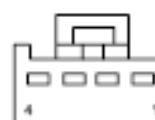
FEMALE

Pin	Circuit	Circuit function
1	705 (LG/OG)	Interior lamp/Battery saver relay, output
2	15 (RD/YE)	Park lamp relay, output
3	55 (BK/PK)	Interior lamp/Battery saver relay, output
4	19 (LB/RD)	Illumination, Power

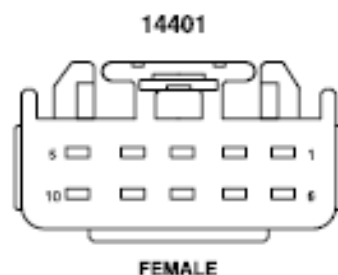
C211 (GY)**14401**

MALE

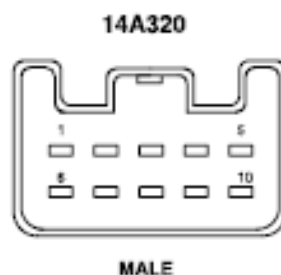
- (1) 813 (LB/WH)
(2) 804 (DG/LG)
(3) 1203 (RD/YE)
(4) 765 (YE/BK)

19A044/14631

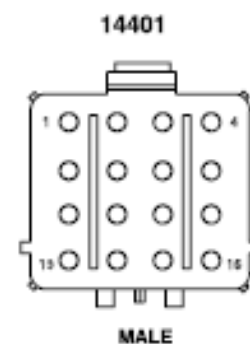
FEMALE

C212 (GY)

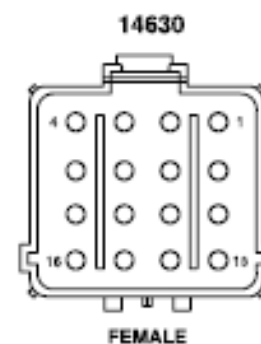
- (1) 511 (LG)
 (2) 44 (LB)
 (3) 385 (WH/RO)
 (4) -
 (5) -



- (6) 196 (DB/OG)
 (7) 632 (GY/OG)
 (8) 164 (VT/LB)
 (9) 13 (RD/BK)
 (10) -

C213 (BK)

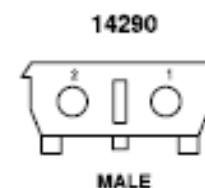
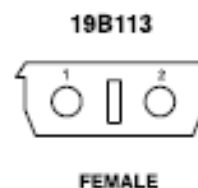
- (1) 314 (TN/LB)
 (2) 1296 (OG/BK)
 (3) 118 (PK/OG)
 (4) -
 (5) 313 (WH/YE)
 (6) 1297 (YE/RO)



- (7) 811 (DG/OG)
 (8) 805 (WH/LG)
 (9) 945 (YE/BK)
 (10) 543 (DG)
 (11) 544 (VT)
 (12) 400 (LB/BK)
 (13) -
 (14) 117 (PK/BK)
 (15) 781 (GY/RO)
 (16) 57 (BK)

C215 (GY)

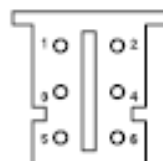
Tremor



- (1) 828 (VT/LB)
 (2) -

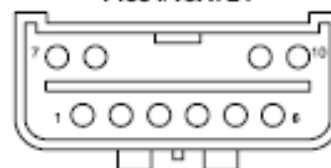
C218a (BN)**14401**

Air bag sliding contact (14A864)

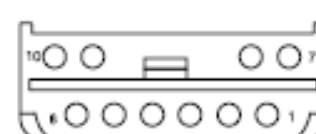


FEMALE

Pin	Circuit	Circuit function
1	158 (BK/PK)	Key warning switch (11A127), input
2	570 (BK/WH)	Ground
3	848 (DG/OG)	Speed control switch, Ground
4	19 (LB/RD)	Illumination, Power
5	1 (DB)	Horn (13832) control
6	151 (LB/BK)	Speed control switch, input

C219 (BK)**14334/13A724**

MALE

14401

FEMALE

(1) 57 (BK)	(5) 802 (OG/YD)	(8) 53 (BK/LB)
(2) 761 (GY/RD)	(6) 803 (BN/PK)	(9) 511 (LG)
(3) 803 (GY/LB)	(7) -	(10) 705 (LG/OG)
(4) 801 (TN/YE)		

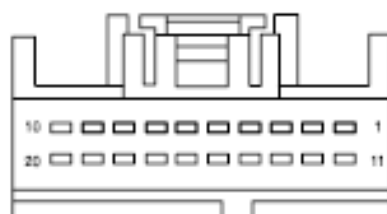
C218b (BN)**14401**

Air bag sliding contact (14A864)



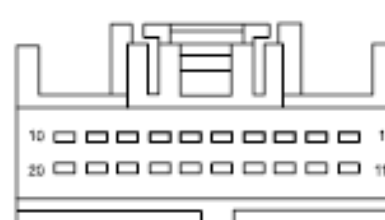
FEMALE

Pin	Circuit	Circuit function
1	615 (GY/WH)	Driver air bag, return
2	. . .	not used
3	614 (GY/OG)	Driver air bag, feed, monitor

C220a (GY)**14401**Instrument cluster
(10849)

FEMALE

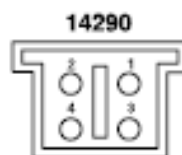
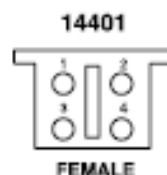
Pin	Circuit	Circuit function
1	57 (BK)	Ground
2	1312 (LG/BK)	Door ajar switch, left front
3	1314 (YE/LG)	Door ajar switch, right front
4	158 (BK/PK)	Key warning switch (11A127), input
5	679 (GY/BK)	Vehicle Speed Sensor (VSS), input
6	11 (TN/YE)	Tachometer
7	253 (DG/WH)	Oil pressure switch (9278), input
8	. . .	not used
9	469 (LG)	Safety belt switch, input
10	343 (DB/LG)	Anti. . . theft, indicator, input
11	19 (LB/RD)	Illumination, Power
12	3 (LG/WH)	Turn lamps, feed, left front
13	2 (WH/LB)	Turn lamps, feed, right front
14	484 (OG/BK)	Headlamp switch, on input
15	203 (OG/LB)	Cruise set, indicator, control
16	911 (WH/LG)	Transmission Control Indicator Lamp (TCIL), control
17	783 (GY)	Four. . . wheel drive, indicator, High
18	784 (LB/BK)	Four. . . wheel drive, indicator, Low
19	1017 (BK/WH)	Check cap indicator lamp
20	904 (LG/RD)	Generator/Battery indicator, control

C220b (BK)**14401**Instrument cluster
(10849)

FEMALE

Pin	Circuit	Circuit function
1	1827 (WH/LG)	CAN +
2	1828 (PK/LG)	CAN . . .
3	570 (BK/WH)	Ground
4	1339 (BK/PK)	Park lamp relay, output
5	1083 (LB/PK)	Air bag, audio, Warning, control
6	39 (RD/WH)	Engine Coolant Temperature (ECT) sender, input
7	29 (YE/WH)	Fuel pump/fuel gauge sender
8	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
9	210 (LB)	Four. . . wheel drive, status
10	3049 (BK/LG)	Voltage supplied at all times (overload protected)
11	932 (GY/WH)	Hot with High Beams on . . . High beam, indicator, feed
12	489 (PK/BK)	Voltage supplied in Start and Run (overload protected)
13	608 (BK/YE)	Air bag indicator, control
14	658 (PK/LG)	Malfunction Indicator Lamp (MIL), control
15	*1105 (YE/LB)	fail. . . safe cooling, signal
16	22 (LB/BK)	Brake fluid level switch (2L414), input
17	. . .	not used
18	603 (DG)	Anti. . . lock brake indicator, control
19	. . .	not used
20	977 (VT/WH)	Brake indicator, control

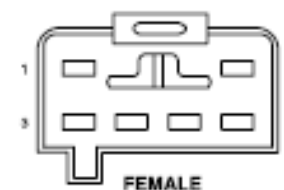
* 2.3L

C237 (BK)

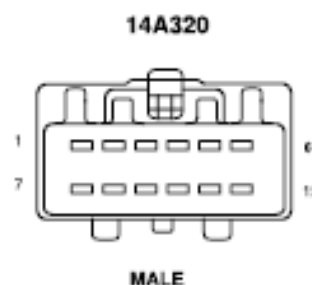
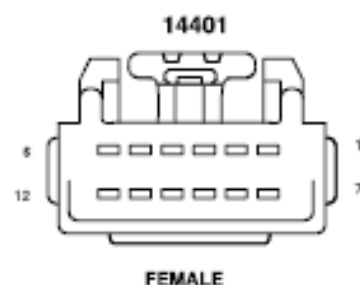
- (1) 754 (LG/WH)
 (2) 260 (RD/OG)
 (3) 752 (YE/RD)
 (4) 261 (GG/BK)

C240 (GY)**14401**

Fog lamp switch
 (15N214)



Pin	Circuit	Circuit function
1	.	not used .
2	.	not used .
3	477 (LB/BK)	Fog lamp relay, output, to, fog lamps
4	57 (BK)	Ground
5	19 (LB/RD)	Illumination, Power
6	478 (TN/OG)	Fog lamp switch, to front fog lamp

C238 (GY)

- (1) 61 (YE/RD) (7) 2 (WH/LB)
 (2) 65 (DG) (8) 5 (OG/LB)
 (3) 63 (RD) (9) 4 (LG/OG)
 (4) 680 (LB/OG) (10) 3 (LG/WH)
 (5) 950 (WH/BK) (11) -
 (6) 57 (BK) (12) -

C2097 (GN)**14401**

Passive anti-theft transceiver (15607)

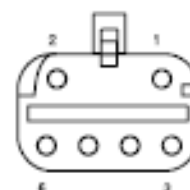


FEMALE

Pin	Circuit	Circuit function
1	570 (BK/WH)	Ground
2	1266 (RD/YE)	Voltage supplied in Start and Run (overload protected)
3	1216 (GY/OG)	RX, signal
4	1215 (WH/LG)	TX, signal

C2099 (BK)**14401/19A170**

Passenger Air bag Deactivation (PAD) switch (148266)

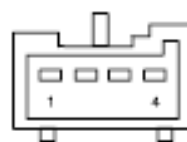
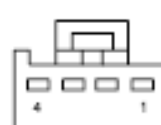


FEMALE

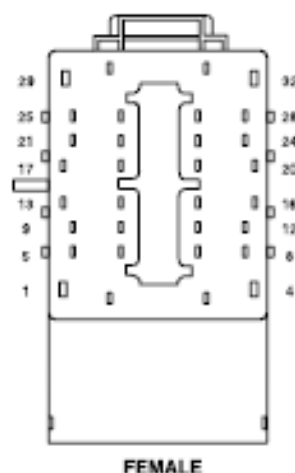
Pin	Circuit	Circuit function
1	- - -	not used
2	- - -	not used
3	1113 (YE/LG)	Passenger Air bag Deactivation (PAD) switch, indicator, control
4	1513 (LG)	Voltage supplied in Start and Run (overload protected)
5	570 (BK/WH)	Ground
6	1112 (WH/LB)	Passenger Air bag Deactivation (PAD) switch, input

C2103 (BK)**14401**Clutch triple function
switch jumper**FEMALE**

Pin	Circuit	Circuit function
1	33 (WH/PK)	Voltage supplied in Start (overload protected)
2	329 (PK)	switched power, to starter solenoid
3	810 (RD/LG)	Brake pedal position switch, input
4	306 (TN/LB)	Brake pedal position switch, input
5	-	not used
6	-	not used

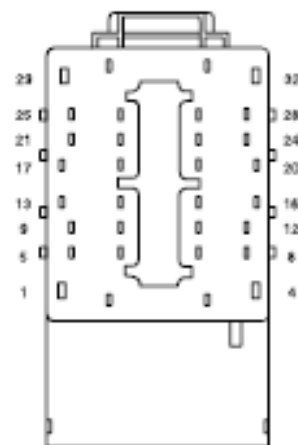
C2104 (GY)**14401****MALE****19A041****FEMALE**

- (1) 811 (DG/GG)
- (2) 805 (WH/LG)
- (3) 57 (BK)
- (4) 761 (GY/RD)

C2280a (BN)**14290**Smart Junction Box
(SJB) (148476)

Pin	Circuit	Circuit function
1	1523 (DG)	Voltage supplied at all times (overload protected)
2	. . .	not used
3	. . .	not used
4	1671 (RD)	Voltage in Run or Accessory (overload protected)
5	671 (LB)	Wiper run/park relay, switched power
6	. . .	not used
7	. . .	not used
8	14 (BN)	Power, Exterior lamps
9	679 (GY/BK)	Vehicle Speed Sensor (VSS) +
10	. . .	not used
11	. . .	not used
12	686 (TN/RD)	Windshield washer relay, control
13	647 (GY/LB)	Wiper high/low relay, control
14	. . .	not used
15	. . .	not used
16	1055 (WH/LG)	Headlamp, left (13008) . . . fused feed

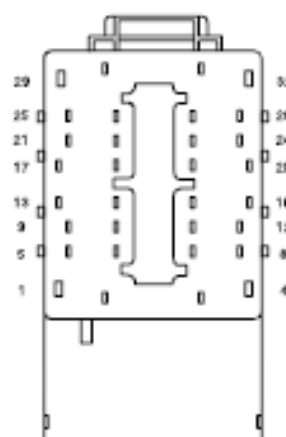
Pin	Circuit	Circuit function
17	646 (YE/WH)	Wiper run/park relay, control
18	. . .	not used
19	. . .	not used
20	1056 (DB/LG)	Headlamp, right (13008) . . . fused feed
21	932 (GY/WH)	Hot with High Beams on . . . High beam, indicator, feed
22	. . .	not used
23	. . .	not used
24	546 (DG/YE)	Voltage supplied in Start and Run (overload protected)
25	12 (LG/BK)	Hot with High Beams on . . . Headlamp, feed
26	. . .	not used
27	. . .	not used
28	. . .	not used
29	1524 (DB)	Voltage supplied at all times (overload protected)
30	6 (YE/LG)	Horn relay, switched power, output
31	33 (WH/PK)	Voltage supplied in Start (overload protected)
32	1118 (RD)	Voltage supplied at all times (overload protected)

C2280b (GY)**14401**Smart Junction Box
(SJB) (148476)

FEMALE

Pin	Circuit	Circuit function
1	196 (DB/OG)	Voltage supplied at all times (overload protected)
2	797 (LG/VT)	Voltage supplied at all times (overload protected)
3	1049 (BN/PK)	Voltage supplied at all times (overload protected)
4	1033 (RD/YE)	Voltage supplied at all times (overload protected)
5	705 (LG/OG)	Interior lamp/Battery saver relay, output
6	931 (OG)	Voltage supplied at all times (overload protected)
7	298 (VT/OG)	Voltage supplied in Run (overload protected)
8	956 (OG/LG)	Voltage supplied at all times (overload protected)
9	1383 (RD)	Door lock, output . . . driver door
10	55 (BK/PK)	Interior lamp/Battery saver relay, output
11	16 (RD/LG)	Voltage supplied in Run (overload protected)
12	3049 (BK/LG)	Voltage supplied at all times (overload protected)
13	117 (PK/BK)	Door lock, output . . . passenger door
14	53 (BK/LB)	Interior lamp relay, switched power, output
15	605 (RD)	Voltage supplied in Run (overload protected)
16	693 (OG)	Voltage supplied at all times (overload protected)

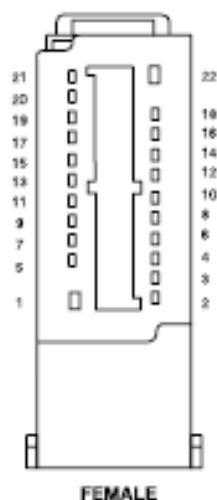
Pin	Circuit	Circuit function
17	687 (GY/YE)	Voltage supplied in Run (overload protected)
18	1003 (GY/YE)	Voltage supplied in Run (overload protected)
19	8 (OG/YE)	Voltage supplied in Run (overload protected)
20	40 (LB/WH)	Voltage supplied at all times (overload protected)
21	383 (RD/WH)	Emergency warning flasher, feed
22	364 (BK/LG)	Voltage supplied in Run (overload protected)
23	1000 (RD/BK)	Voltage supplied in Start (overload protected)
24	. . .	not used
25	640 (RD/YE)	Voltage supplied in Start and Run (overload protected)
26	535 (LB/RD)	Voltage supplied in Run (overload protected)
27	32 (RD/LB)	Voltage supplied in Start (overload protected)
28	276 (BN)	Voltage supplied at all times (overload protected)
29	1050 (LG/VT)	Voltage supplied at all times (overload protected)
30	632 (GY/OG)	Power, Hot with High Beams on
31	10 (LG/RD)	Voltage supplied at all times (overload protected)
32	. . .	not used

C2280c (BK)**14401**Smart Junction Box
(SJB) (14B476)

FEMALE

Pin	Circuit	Circuit function
1	570 (BK/WH)	Ground
2	1312 (LG/BK)	Door ajar switch, left front
3	1339 (BK/PK)	Park lamp relay, output
4	. . .	not used
5	119 (PK/YE)	Door lock switch, driver side (14028), Lock, input
6	765 (YE/BK)	Door ajar switch, left front
7	1384 (LB)	Door unlock, output . . . driver door
8	57 (BK)	Ground
9	120 (PK/LG)	Door lock switch, driver side (14028), Unlock, input
10	1296 (OG/BK)	Door lock switch, passenger side (14028), Lock, input
11	1654 (OG/YE)	Voltage supplied in Start and Run (overload protected)
12	118 (PK/OG)	Door unlock, output . . . passenger door
13	903 (RD)	Window motor, feed, Down
14	1297 (YE/RD)	Door lock switch, passenger side (14028), Unlock, input
15	1513 (LG)	Voltage supplied in Start and Run (overload protected)
16	400 (LB/BK)	Accessory relay, switched power, output

Pin	Circuit	Circuit function
17	1309 (RD/YE)	Parking brake switch (15A851), signal
18	977 (VT/WH)	Brake indicator, control
19	1266 (RD/YE)	Voltage supplied in Start and Run (overload protected)
20	400 (LB/BK)	Accessory relay, switched power, output
21	. . .	not used
22	962 (BN/WH)	Park lamp relay, output
23	1696 (LG/WH)	Voltage supplied in Start and Run (overload protected)
24	828 (VT/LB)	Voltage supplied at all times (overload protected)
25	. . .	not used
26	15 (RD/YE)	Park lamp relay, output
27	1002 (BK/PK)	Voltage in Run or Accessory (overload protected)
28	489 (PK/BK)	Voltage supplied in Start and Run (overload protected)
29	991 (TN/LB)	Master window adjust switch, feed, Down
30	13 (RD/BK)	Power, Hot with Low Beams on
31	. . .	not used
32	297 (BK/LG)	Voltage in Run or Accessory (overload protected)

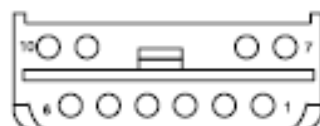
C2280d (BK)**14401**Smart Junction Box
(SJB) (148476)

Pin	Circuit	Circuit function
1	- . .	not used
2	- . .	not used
3	761 (GY/RD)	Door ajar switch, right front
4	1314 (YE/LG)	Door ajar switch, right front
5	- . .	not used
6	61 (YE/RD)	Wiper switch circuit A
7	70 (LB/WH)	ISO Bus
8	63 (RD)	Wiper switch circuit B
9	- . .	not used
10	65 (DG)	Wiper switch circuit C
11	- . .	not used

Pin	Circuit	Circuit function
12	680 (LB/OG)	Wiper switch circuit . . . High
13	- . .	not used
14	950 (WH/BK)	Wiper switch circuit . . . Washer
15	- . .	not used
16	1032 (WH/BK)	Park lamp relay, control
17	474 (OG/LG)	Switched power, to, Fog lamp relay, Coil
18	1 (DB)	Horn relay, control
19	- . .	not used
20	992 (WH/BK)	Master window adjust switch, feed, Up
21	- . .	not used
22	- . .	not used

C2982a

Audiophile sound system

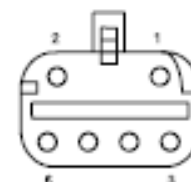
19A170Subwoofer amplifier
(18C804)

FEMALE

Pin	Circuit	Circuit function
1	829 (WH/VT)	Subwoofer, Enable
2	694 (BK/LG)	Ground
3	694 (BK/LG)	Ground
4	828 (VT/LB)	Voltage supplied at all times (overload protected)
5	828 (VT/LB)	Voltage supplied at all times (overload protected)
6	- - -	not used
7	169 (LG/BK)	Subwoofer, Audio signal positive
8	172 (LB/RD)	Subwoofer, Audio signal negative
9	- - -	not used
10	- - -	not used

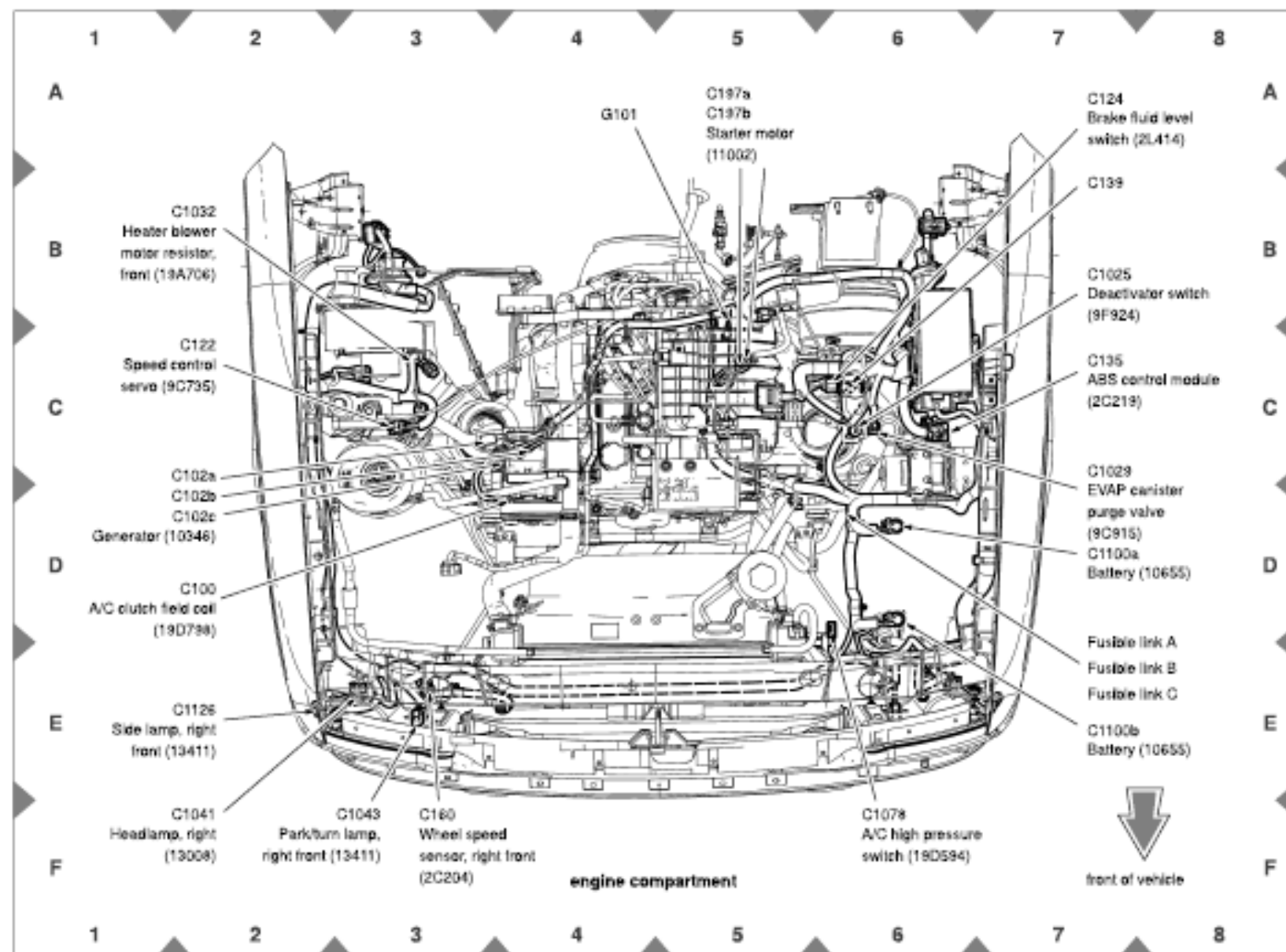
C2982b

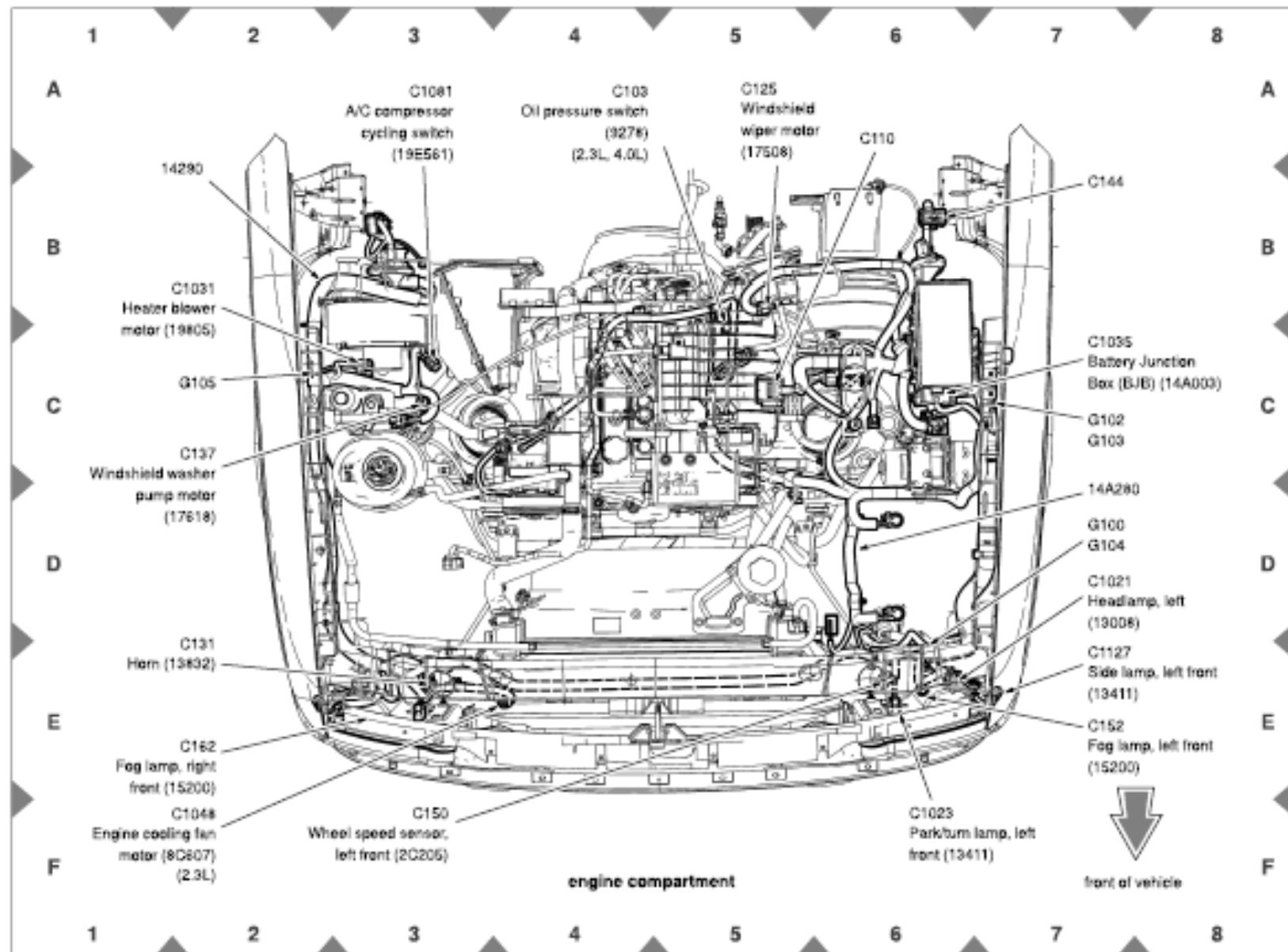
Audiophile sound system

PIASubwoofer amplifier
(18C804)

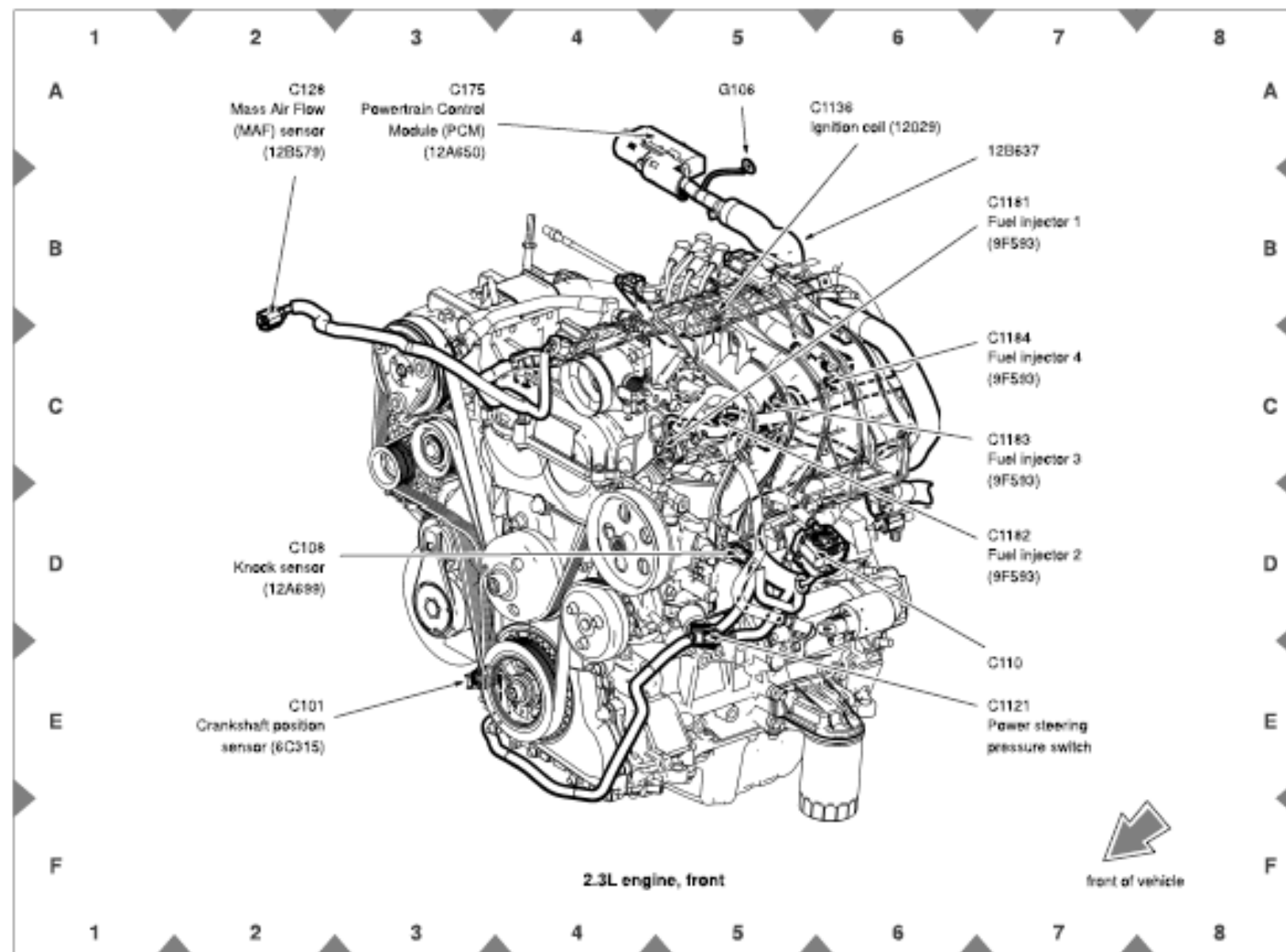
FEMALE

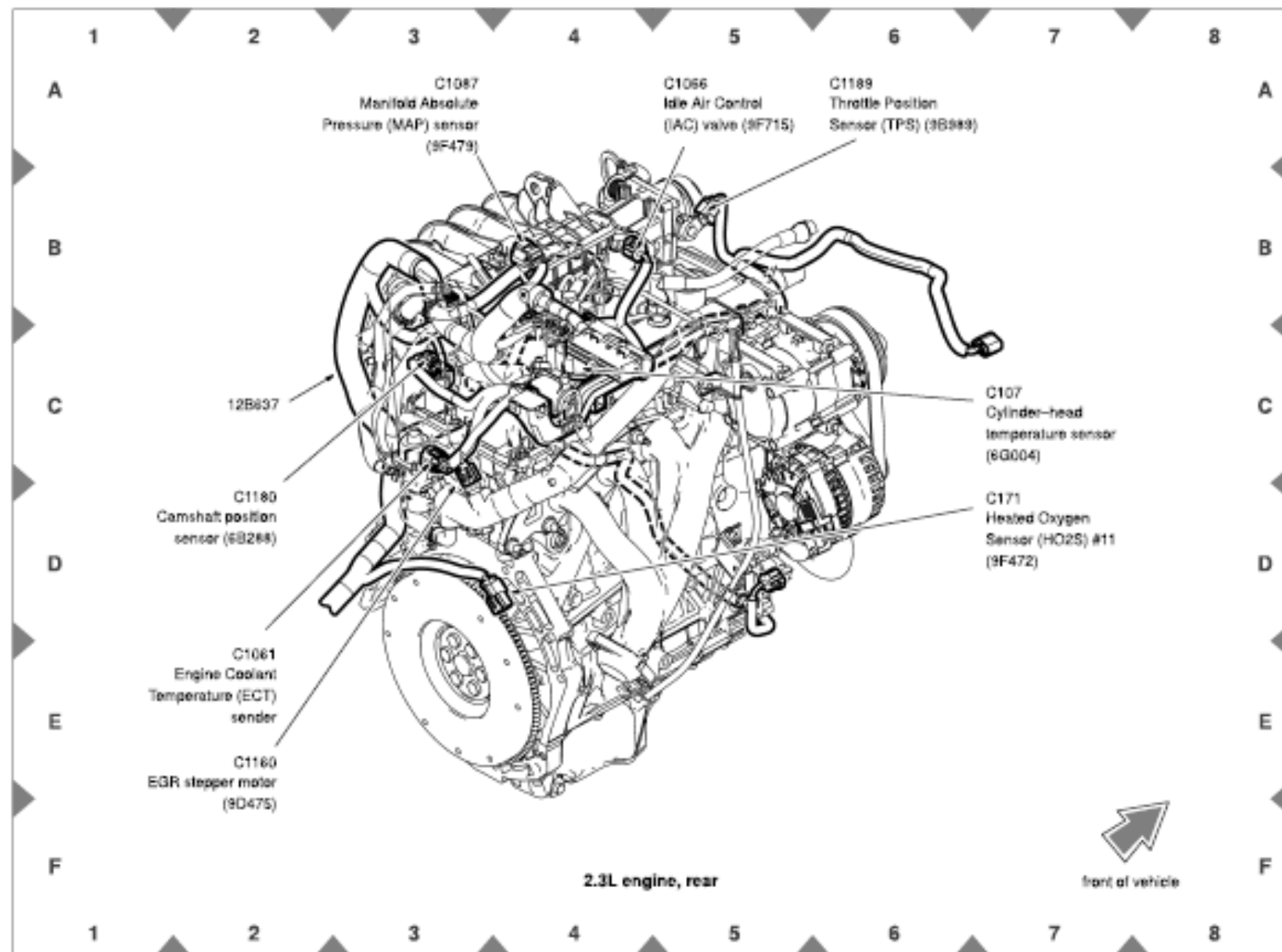
Pin	Circuit	Circuit function
1	- - -	not used
2	- - -	not used
3	(WH)	Subwoofer amplifier (18C804), to Subwoofer
4	(BU)	Subwoofer amplifier (18C804), to Subwoofer
5	(RD)	Subwoofer amplifier (18C804), to Subwoofer
6	(BK)	Subwoofer amplifier (18C804), to Subwoofer



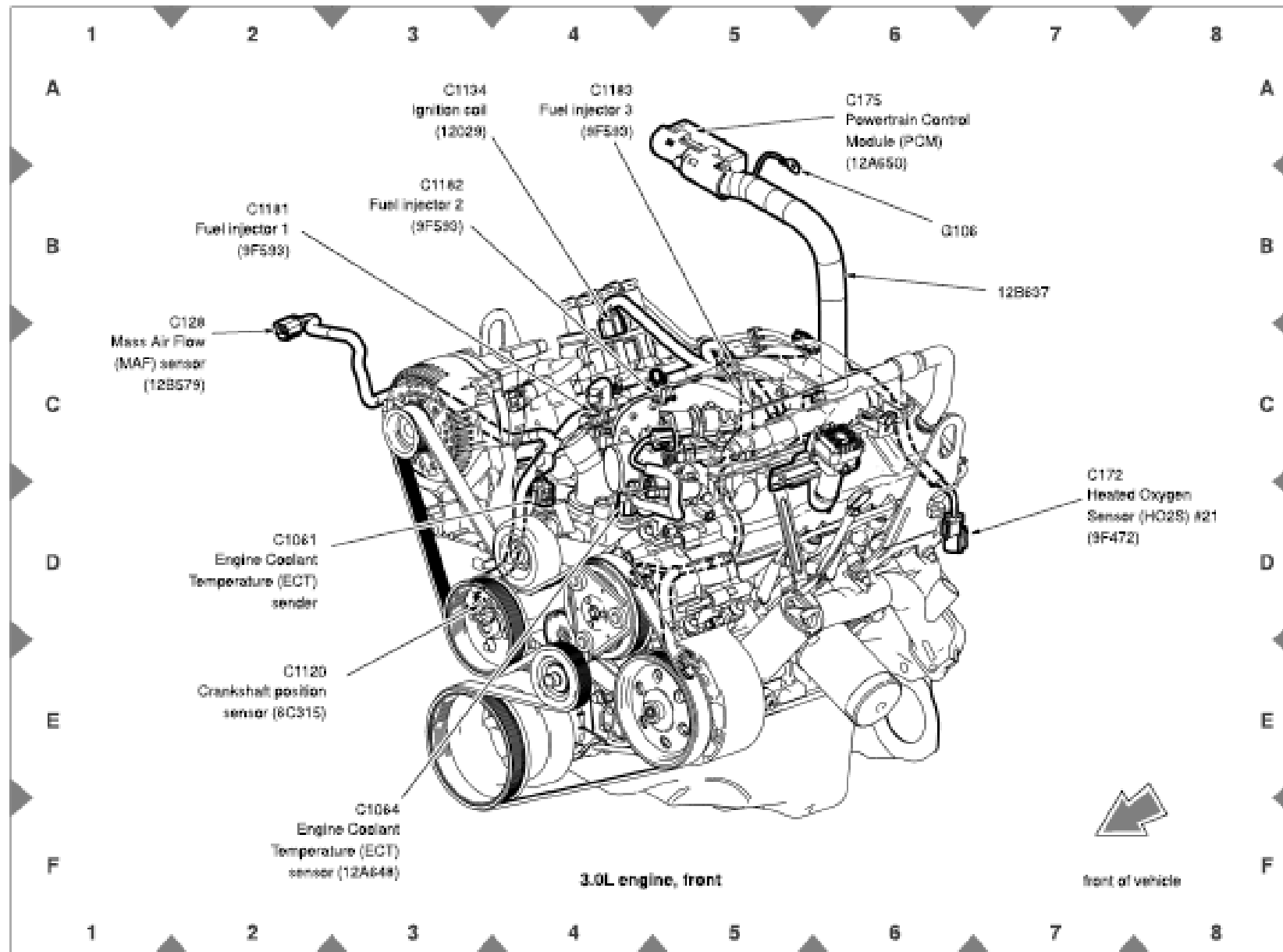


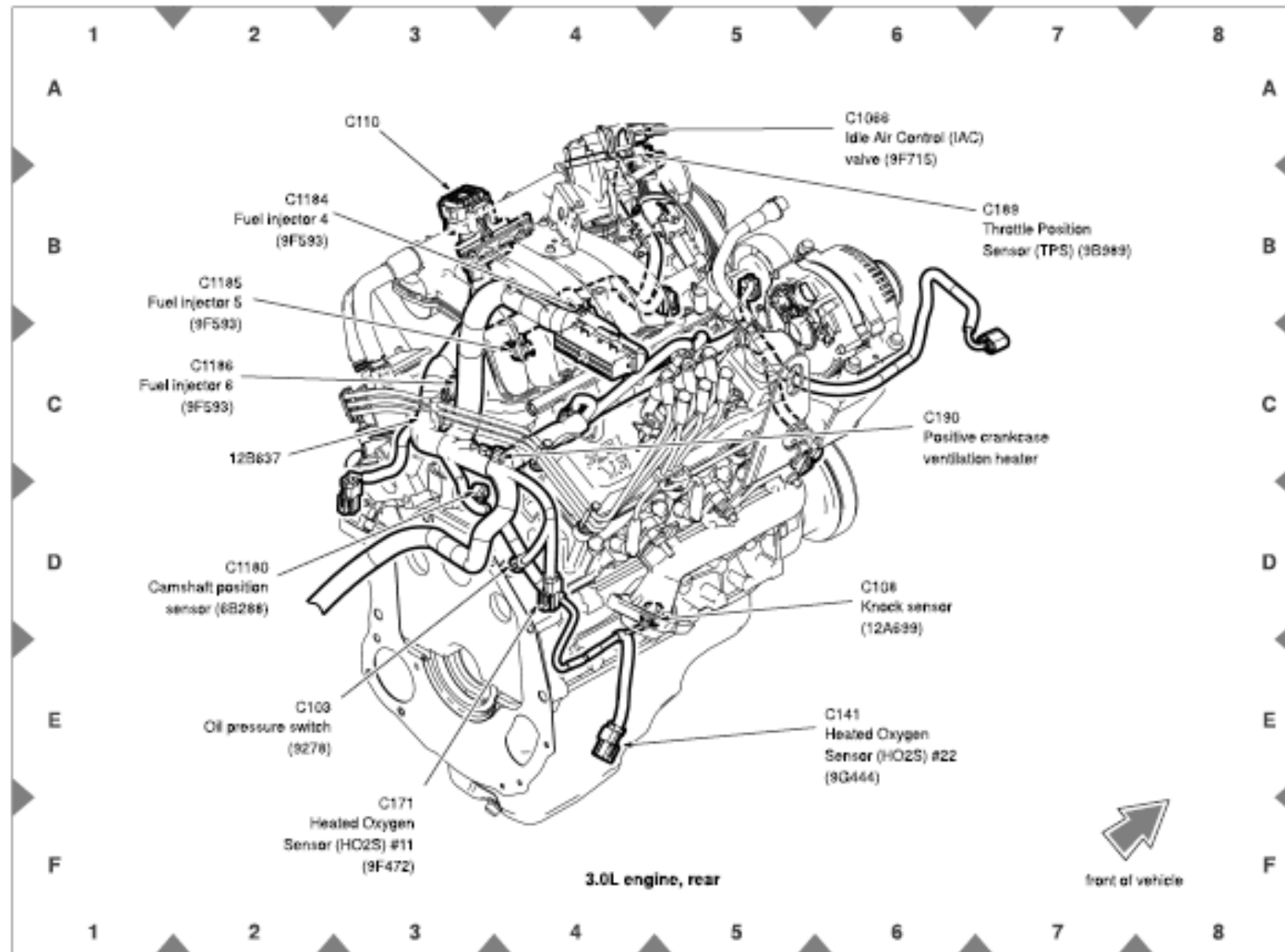
151-3 Component Location Views

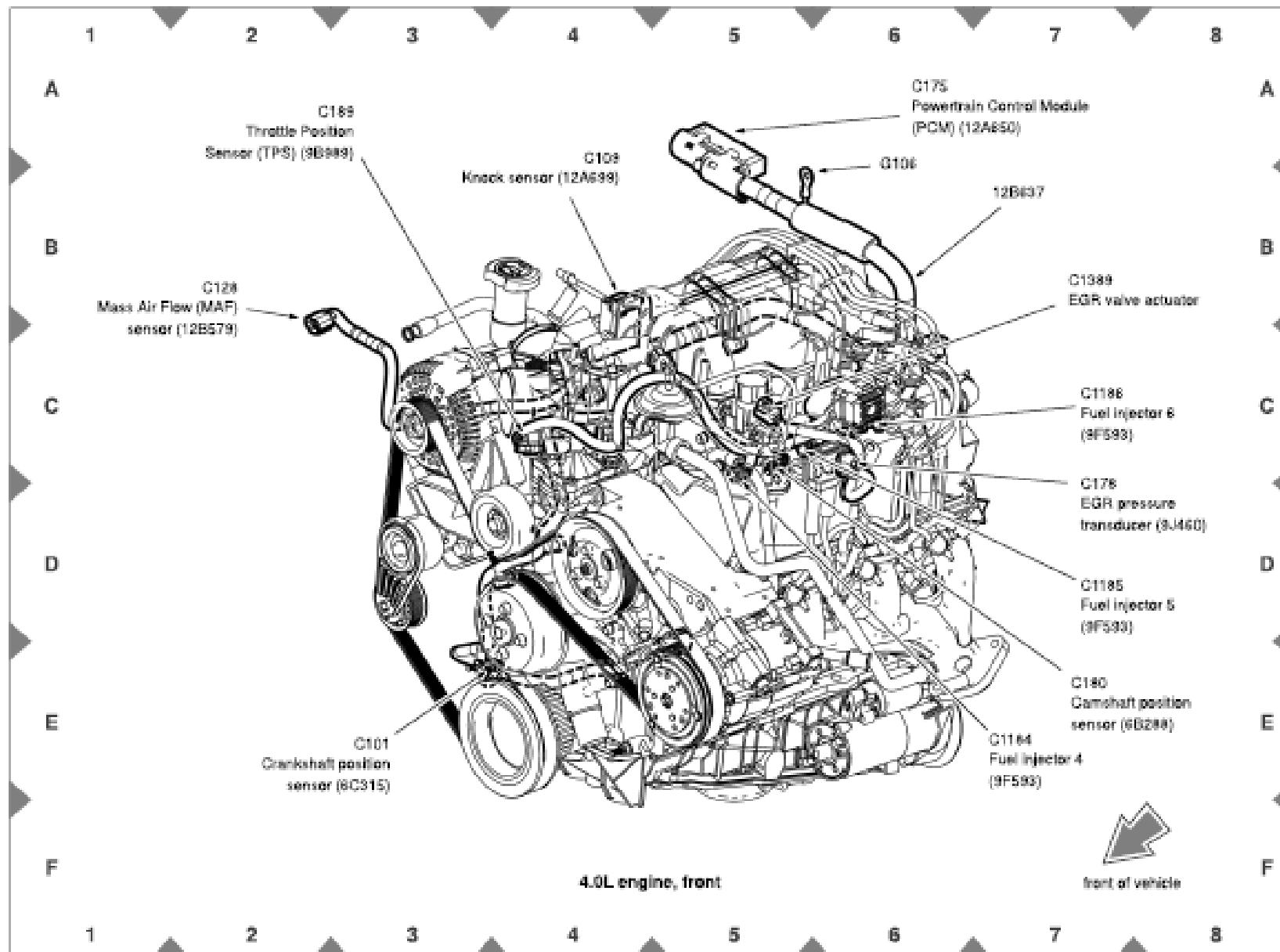


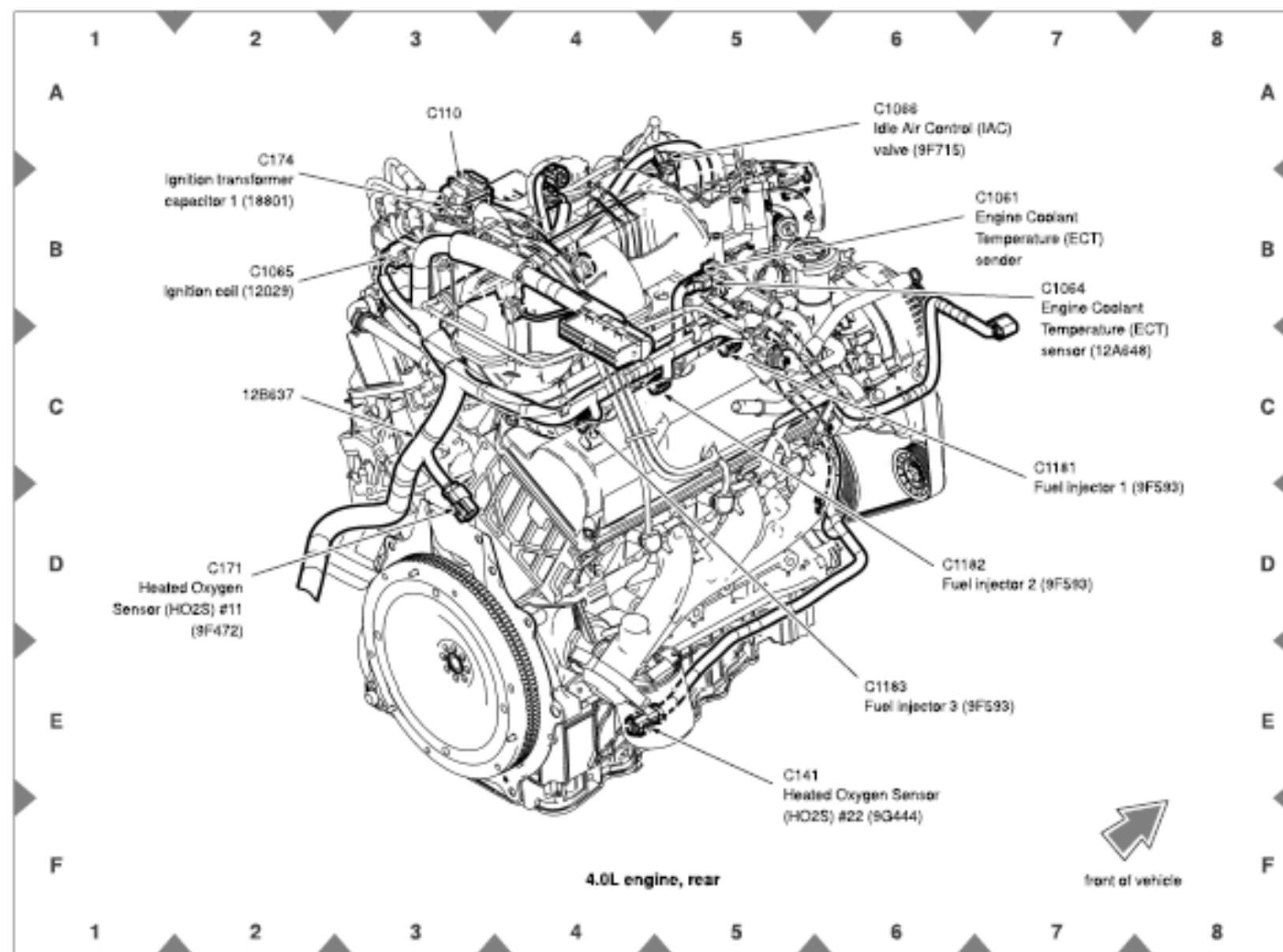


151-5 Component Location Views

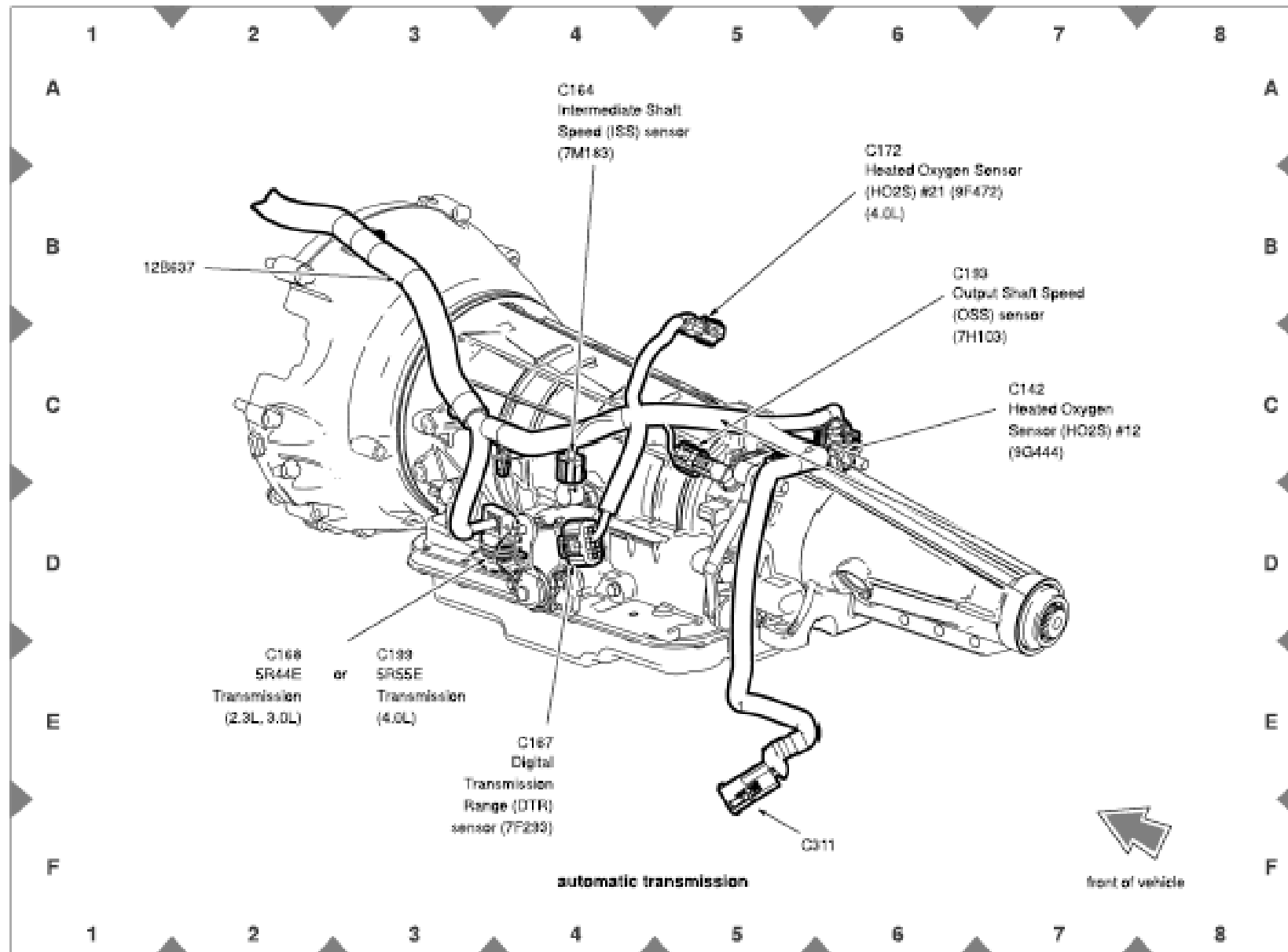


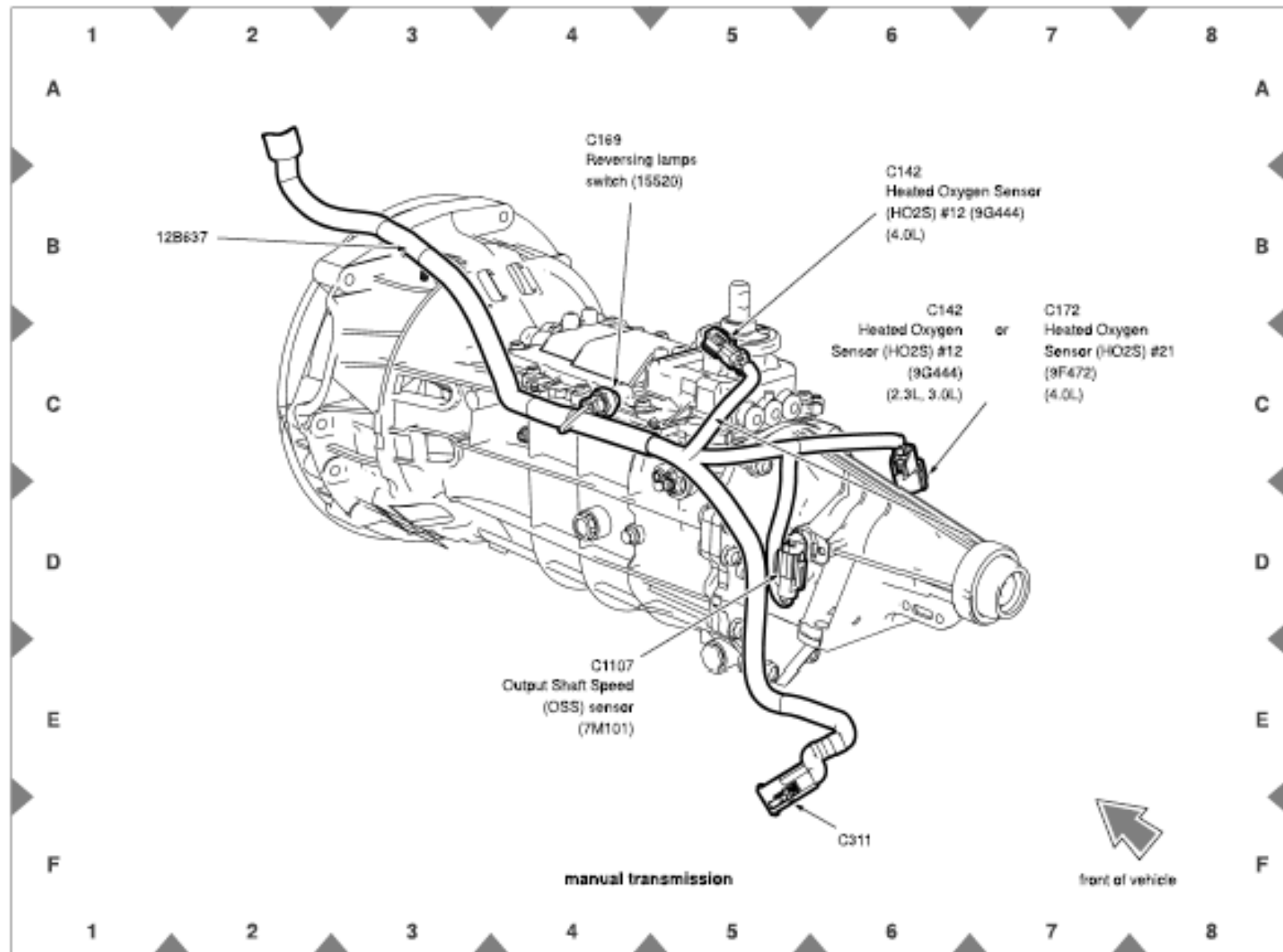






151-9 Component Location Views





151-11 Component Location Views

