

2008 Ford Mustang
2008 FORD MOTOR CO. Mustang

2008 FORD MOTOR CO.

Mustang

BUZZERS, RELAYS & TIMERS

BUZZERS, RELAYS & TIMERS LOCATION

Component	Location
Accessory Delay Relay	In smart junction box (SJB). See Fig. 2 .
A/C Clutch Relay	In bussed electrical center (BEC). See Fig. 1 .
Blower Motor Relay	In bussed electrical center (BEC). See Fig. 1 .
Charge Air Cooler Pump Relay	In auxiliary relay box 1. See Fig. 3 .
Convertible Top Lower Relay	In bussed electrical center (BEC). See Fig. 1 .
Convertible Top Raise Relay	In bussed electrical center (BEC). See Fig. 1 .
Fog Lamp Relay	In bussed electrical center (BEC). See Fig. 1 .
Fuel Pump Relay	In bussed electrical center (BEC). See Fig. 1 .
Fuel Pump Relay 2	In auxiliary relay box 1. See Fig. 3 .
Heated Seat Relay (Driver)	In heated seat relay box. See Fig. 29 .
Heated Seat Relay (Passenger)	In heated seat relay box. See Fig. 29 .
High Beam Relay	In bussed electrical center (BEC). See Fig. 1 .
High Speed Engine Cooling Fan Relay	In bussed electrical center (BEC). See Fig. 1 .
Horn Relay	In bussed electrical center (BEC). See Fig. 1 .
Low Speed Engine Cooling Fan Relay	In bussed electrical center (BEC). See Fig. 1 .
Luggage Compartment Lid Release Relay	In bussed electrical center (BEC). See Fig. 1 .
PCM Power Relay	In bussed electrical center (BEC). See Fig. 1 .
Rear Window Defrost Relay	In bussed electrical center (BEC). See Fig. 1 .
Starter Relay	In bussed electrical center (BEC). See Fig. 1 .

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

Component	Location
Auxiliary Relay Box 1 (5.4L)	Right side of engine compartment. See Fig. 5 .
Bussed Electrical Center (BEC)	Right front of engine compartment. See Fig. 37 .
Heated Seat Relay Box	Behind left end of dash. See Fig. 12 .
Smart Junction Box (SJB)	Right kick panel. See Fig. 17 .

CONTROL UNITS

CONTROL UNITS LOCATION

Component	Location

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Ambient Lighting Module	Under center console. See Fig. 45 .
Anti-Lock Brake System (ABS) Module	Left front of engine compartment. See Fig. 53 .
Charge Motion Control Valve Module	Front of left cylinder head. See Fig. 37 .
Climate Control Module	Behind center of dash. See Fig. 12 .
EGR System Module (4.0L)	Top center of engine. See Fig. 34 .
EGR System Module (5.4L)	Top center of engine. See Fig. 39 .
Fuel Pump Driver Module	Underside of luggage compartment. See Fig. 19 .
Fuel Pump Module (5.4L)	Top left side of fuel tank. See Fig. 49 .
Inlet Manifold Runner Control (IMRC) Module (4.6L)	Right rear of engine compartment. See Fig. 8 .
Occupant Classification Sensor Module	Under passenger's seat. See Fig. 51 .
Powertrain Control Module (PCM)	Right front of engine compartment. See Fig. 53 .
Primary Fuel Pump Driver Module (5.4L)	Top left rear of fuel tank. See Fig. 19 .
Restraints Control Module	Behind lower center of dash. See Fig. 45 .
Secondary Fuel Pump Driver Module (5.4L)	Top left rear of fuel tank. See Fig. 19 .

MOTORS

MOTORS LOCATION

Component	Location
Convertible Top Motor	Right side of luggage compartment. See Fig. 20 .
Defrost Mode Actuator	Behind right side of dash. See Fig. 43 .
Door Lock Actuator (Left Front)	Rear of left front door. See Fig. 25 .
Door Lock Actuator (Right Front)	Rear of right front door. See Fig. 26 .
Driver Seat Lumbar Compressor Motor	Under driver's seat. See Fig. 23 .
Electronic Throttle Control (ETC) Motor (4.0L)	On throttle body. See Fig. 32 .
Electronic Throttle Control (ETC) Motor (4.6L)	On throttle body. See Fig. 36 .
Electronic Throttle Control (ETC) Motor (5.4L)	On throttle body. See Fig. 39 .
Engine Cooling Fan Motor	Right front of engine compartment. See Fig. 4 .
Exterior Rear View Mirror (Left)	Front of driver's door. See Fig. 25 .
Exterior Rear View Mirror (Right)	Front of passenger's door. See Fig. 26 .
Floor Mode Actuator	Behind left center of dash. See Fig. 12 .
Front Blower Motor	Behind right side of dash, in A/C heater plenum. See Fig. 28 .
Fuel Tank Unit	Left rear of vehicle, in fuel tank. See Fig. 18 .
Power Seat Motor Assembly (Left)	Under driver's seat. See Fig. 50 .
Power Seat Motor Assembly (Right)	Under passenger's seat. See Fig. 24 .
Power Window Motor (Left Front)	Front of left front door. See Fig. 25 .
Power Window Motor (Left Rear)	Behind left rear trim panel. See Fig. 18 .
Power Window Motor (Right Front)	Front of right front door. See Fig. 26 .
Power Window Motor (Right Rear)	Behind right rear trim panel. See Fig. 21 .

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Recirculation Door Motor	Behind dash, on evaporator assembly. See Fig. 28.
Starter Motor (4.0L)	Left rear of engine. See Fig. 32.
Starter Motor (4.6L & 5.4L)	Right rear of engine. See Fig. 53.
Temperature Blend Door Actuator	Behind dash, on evaporator assembly. See Fig. 28.
Windshield Washer Pump Motor	Right front of vehicle. See Fig. 32.
Windshield Wiper Motor	On left side of firewall. See Fig. 32.

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

Component	Location
Accelerator Pedal Position Sensor	Below left side of dash. See Fig. 46.
A/C Pressure Transducer Sensor (4.0L)	Left front of engine compartment. See Fig. 34.
Air Charge Temperature (ACT) Sensor	Top left front of engine. See Fig. 30.
Camshaft Position Sensor 1 (4.6L)	Right front of engine. See Fig. 36.
Camshaft Position Sensor 1 (5.4L)	Left front of engine. See Fig. 38.
Camshaft Position Sensor 2 (4.6L)	Left front of engine. See Fig. 36.
Camshaft Position Sensor (4.0L)	Left side of engine. See Fig. 6.
Crankshaft Position Sensor (4.0L)	Center front of engine, below right side of water pump. See Fig. 34.
Crankshaft Position Sensor (4.6L)	Center front of engine, below right side of water pump. See Fig. 37.
Crankshaft Position Sensor (5.4L)	Lower right front of engine. See Fig. 39.
Cylinder Head Temperature Sensor (4.6L)	Right rear of engine. See Fig. 37.
Cylinder Head Temperature Sensor (5.4L)	Rear of right cylinder bank. See Fig. 39.
Digital Transmission Range (DTR) Sensor	Left side of transmission. See Fig. 40.
Engine Coolant Temperature (ECT) Sensor (4.0L)	Top front of engine. See Fig. 34.
Engine Coolant Temperature (ECT) Sensor (5.4L)	Top right front of engine. See Fig. 38.
Front Impact Severity Sensor	Front of engine compartment. See Fig. 32.
Fuel Rail Pressure & Temperature Sensor (4.0L)	Top rear of engine. See Fig. 35.
Fuel Rail Pressure & Temperature Sensor (4.6L)	Top left side of engine. See Fig. 36.
Fuel Rail Pressure & Temperature Sensor (5.4L)	Top right side of engine. See Fig. 39.
Fuel Sender	Under right rear of vehicle. See Fig. 20.
Fuel Tank Pressure (FTP) Sensor	Left rear of vehicle, on fuel tank. See Fig. 48.
Heated Oxygen Sensor (HO2S) #11 (A/T)	In exhaust manifold, above flange on inboard side. See Fig. 9.
Heated Oxygen Sensor (HO2S) #11 (TR3650)	In exhaust manifold, above flange on inboard side. See Fig. 11.
Heated Oxygen Sensor (HO2S) #11 (T5)	In exhaust manifold, above flange on inboard side. See Fig. 10.
Heated Oxygen Sensor (HO2S) #12 (A/T)	In right rear exhaust, rear of catalytic converter. See Fig. 9.

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Heated Oxygen Sensor (HO2S) #12 (TR3650)	In right rear exhaust, rear of catalytic converter. See <u>Fig. 11.</u>
Heated Oxygen Sensor (HO2S) #12 (T5)	In right rear exhaust, rear of catalytic converter. See <u>Fig. 10.</u>
Heated Oxygen Sensor (HO2S) #21 (A/T)	In exhaust manifold, above flange on inboard side. See <u>Fig. 9.</u>
Heated Oxygen Sensor (HO2S) #21 (TR3650)	In exhaust manifold, above flange on inboard side. See <u>Fig. 11.</u>
Heated Oxygen Sensor (HO2S) #21 (T5)	In exhaust manifold, above flange on inboard side. See <u>Fig. 10.</u>
Heated Oxygen Sensor (HO2S) #22 (A/T)	Lower left rear of engine, in exhaust manifold. See <u>Fig. 9.</u>
Heated Oxygen Sensor (HO2S) #22 (TR3650)	Lower left rear of engine, in exhaust manifold. See <u>Fig. 11.</u>
Heated Oxygen Sensor (HO2S) #22 (T5)	Lower left rear of engine, in exhaust manifold. See <u>Fig. 10.</u>
Intermediate Shaft Speed (ISS) Sensor	Top left side of transmission. See <u>Fig. 40.</u>
Knock Sensor (4.0L)	Top of engine. See <u>Fig. 35.</u>
Knock Sensor (4.6L)	Rear of right cylinder head. See <u>Fig. 37.</u>
Mass Air Flow/Intake Air Temperature (MAF/IAT) Sensor (4.0L)	Right side of engine compartment, on air cleaner assembly. See <u>Fig. 34.</u>
Mass Air Flow/Intake Air Temperature (MAF/IAT) Sensor (4.6L)	On air cleaner assembly. See <u>Fig. 36.</u>
Mass Air Flow/Intake Air Temperature (MAF/IAT) Sensor (5.4L)	On air cleaner assembly. See <u>Fig. 38.</u>
Occupant Classification Sensor (OCS)	Under passenger's seat. See <u>Fig. 51.</u>
Output Shaft Speed (OSS) Sensor (A/T)	Left rear side of transmission. See <u>Fig. 40.</u>
Output Shaft Speed (OSS) Sensor (TR3650)	Left rear side of transmission. See <u>Fig. 41.</u>
Output Shaft Speed (OSS) Sensor (T5)	Left rear side of transmission. See <u>Fig. 42.</u>
Safety Belt Tension Sensor (Passenger)	Right "B" pillar. See <u>Fig. 47.</u>
Seat Position Sensor (Driver)	Under driver's seat. See <u>Fig. 50.</u>
Side Impact Sensor (Driver 1)	Left rocker panel. See <u>Fig. 16.</u>
Side Impact Sensor (Passenger 1)	Right rocker panel. See <u>Fig. 17.</u>
Throttle Position (TP) Sensor (4.0L)	On throttle body assembly. See <u>Fig. 34.</u>
Throttle Position (TP) Sensor (4.6L)	On throttle body assembly. See <u>Fig. 36.</u>
Throttle Position (TP) Sensor (5.4L)	On throttle body assembly. See <u>Fig. 38.</u>
Turbine Shaft Speed (TSS) Sensor	Top left side of transmission. See <u>Fig. 9.</u>
Wheel Speed Sensor (Left Front)	At left front wheel hub. See <u>Fig. 32.</u>
Wheel Speed Sensor (Left Rear)	At left rear wheel hub. See <u>Fig. 18.</u>
Wheel Speed Sensor (Right Front)	At right front wheel hub. See <u>Fig. 53.</u>
Wheel Speed Sensor (Right Rear)	At right rear wheel hub. See <u>Fig. 20.</u>

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SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Location
A/C Clutch Field Coil (4.0L)	Lower left side of engine. See Fig. 34 .
A/C Clutch Field Coil (4.6L)	Right front side of engine. See Fig. 37 .
A/C Clutch Field Coil (5.4L)	Right front side of engine. See Fig. 31 .
EVAP Canister Purge Valve	Left rear of engine compartment. See Fig. 32 .
EVAP Canister Vent Control Solenoid	Left rear of vehicle. See Fig. 19 .
Fuel Injector 1 (4.0L)	Top right side of engine. See Fig. 34 .
Fuel Injector 1 (4.6L)	Top right side of engine. See Fig. 36 .
Fuel Injector 1 (5.4L)	Top right side of engine. See Fig. 39 .
Fuel Injector 2 (4.0L)	Top right side of engine. See Fig. 34 .
Fuel Injector 2 (4.6L)	Top right side of engine. See Fig. 36 .
Fuel Injector 2 (5.4L)	Top right side of engine. See Fig. 39 .
Fuel Injector 3 (4.0L)	Top right side of engine. See Fig. 34 .
Fuel Injector 3 (4.6L)	Top right side of engine. See Fig. 36 .
Fuel Injector 3 (5.4L)	Top right side of engine. See Fig. 39 .
Fuel Injector 4 (4.0L)	Top left side of engine. See Fig. 35 .
Fuel Injector 4 (4.6L)	Top right side of engine. See Fig. 36 .
Fuel Injector 4 (5.4L)	Top right side of engine. See Fig. 31 .
Fuel Injector 5 (4.0L)	Top left side of engine. See Fig. 35 .
Fuel Injector 5 (4.6L)	Top left side of engine. See Fig. 37 .
Fuel Injector 5 (5.4L)	Top left side of engine. See Fig. 38 .
Fuel Injector 6 (4.0L)	Top left side of engine. See Fig. 35 .
Fuel Injector 6 (4.6L)	Top left side of engine. See Fig. 37 .
Fuel Injector 6 (5.4L)	Top left side of engine. See Fig. 38 .
Fuel Injector 7 (4.6L)	Top left side of engine. See Fig. 37 .
Fuel Injector 7 (5.4L)	Top left side of engine. See Fig. 38 .
Fuel Injector 8 (4.6L)	Top left side of engine. See Fig. 37 .
Fuel Injector 8 (5.4L)	Top left side of engine. See Fig. 38 .
Heated Positive Crankcase Ventilation (PCV) Valve	Top right front of engine. See Fig. 39 .
Luggage Compartment Lid Release Solenoid	Rear of trunk lid, on latch assembly. See Fig. 27 .
Reverse Lockout Solenoid	Left side of manual transmission. See Fig. 41 .
Variable Valve Timing Solenoid 1 (4.6L)	Front of right cylinder head. See Fig. 32 .
Variable Valve Timing Solenoid 2 (4.6L)	Front of left cylinder head. See Fig. 36 .

SWITCHES

SWITCHES LOCATION

Component	Location

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A/C Clutch Cycling Pressure Switch	Left rear corner of engine compartment. See Fig. 32 .
Anti-Theft Hood Switch	Right front of engine compartment. See Fig. 32 .
Anti-Theft Inhibit Switch	Rear of driver's door. See Fig. 25 .
Anti-Theft Luggage Compartment Switch	Center of luggage compartment lid. See Fig. 27 .
Brake Fluid Level Switch	Left rear of engine compartment, on brake fluid reservoir. See Fig. 53 .
Brake Pedal Position Switch	On brake pedal support. See Fig. 46 .
Clutch Pedal Position Switch	At clutch pedal bracket. See Fig. 46 .
Convertible Top Ajar Switch	Right quarter panel. See Fig. 20 .
Deactivator Switch	On clutch pedal support. See Fig. 46 .
Door Ajar Switch (Left Front)	Rear of left front door. See Fig. 25 .
Door Ajar Switch (Right Front)	Rear of right front door. See Fig. 26 .
Dual Pressure Switch (4.6L)	Left front of engine compartment. See Fig. 36 .
Dual Pressure Switch (5.4L)	Left front of engine compartment. See Fig. 38 .
Horn Switch Connector	In steering wheel. See Fig. 14 .
Inertia Fuel Shutoff (IFS) Switch	Left kick panel. See Fig. 16 .
Luggage Compartment Lid Ajar Switch	Center of luggage compartment lid. See Fig. 27 .
Oil Pressure Switch (4.0L)	Lower left front of engine. See Fig. 34 .
Oil Pressure Switch (4.6L)	Left front of engine, near oil filter. See Fig. 36 .
Oil Pressure Switch (5.4L)	Left front of engine, near oil filter. See Fig. 38 .
Parking Brake Switch	On parking brake lever assembly. See Fig. 45 .
Power Steering Pressure Switch (4.0L)	Left side of engine compartment. See Fig. 34 .
Reversing Lamps Switch (TR3650)	Left side of transmission. See Fig. 41 .
Reversing Lamps Switch (T5)	Left side of transmission. See Fig. 42 .
Safety Belt Buckle Switch (Driver)	In driver's seat belt buckle. See Fig. 23 .
Safety Belt Buckle Switch (Passenger)	In passenger's seat belt buckle. See Fig. 24 .
Stoplamp Switch 1	On brake pedal bracket. See Fig. 46 .

MISCELLANEOUS

MISCELLANEOUS LOCATION

Component	Location
A/C Compressor Clutch Diode	In bussed electrical center (BEC). See Fig. 1 .
Anti-Theft Horn	Right side of luggage compartment. See Fig. 27 .
Automatic Transmission Connector C199	Left side of transmission. See Fig. 9 .
Battery	Right rear of engine compartment. See Fig. 5 .
Blower Motor Resistor	Behind right side of dash, in A/C heater plenum. See Fig. 28 .
Clockspring	Below steering wheel. See Fig. 14 .
Coil On Plug (COP) 1 (4.6L)	Top right side of engine. See Fig. 36 .

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Coil On Plug (COP) 1 (5.4L)	Top right side of engine. See <u>Fig. 39.</u>
Coil On Plug (COP) 2 (4.6L)	Top right side of engine. See <u>Fig. 36.</u>
Coil On Plug (COP) 2 (5.4L)	Top right side of engine. See <u>Fig. 39.</u>
Coil On Plug (COP) 3 (4.6L)	Top right side of engine. See <u>Fig. 36.</u>
Coil On Plug (COP) 3 (5.4L)	Top right side of engine. See <u>Fig. 39.</u>
Coil On Plug (COP) 4 (4.6L)	Top right side of engine. See <u>Fig. 36.</u>
Coil On Plug (COP) 4 (5.4L)	Top right side of engine. See <u>Fig. 39.</u>
Coil On Plug (COP) 5 (4.6L)	Top left side of engine. See <u>Fig. 37.</u>
Coil On Plug (COP) 5 (5.4L)	Top left side of engine. See <u>Fig. 38.</u>
Coil On Plug (COP) 6 (4.6L)	Top left side of engine. See <u>Fig. 37.</u>
Coil On Plug (COP) 6 (5.4L)	Top left side of engine. See <u>Fig. 38.</u>
Coil On Plug (COP) 7 (4.6L)	Top left side of engine. See <u>Fig. 37.</u>
Coil On Plug (COP) 7 (5.4L)	Top left side of engine. See <u>Fig. 38.</u>
Coil On Plug (COP) 8 (4.6L)	Top left side of engine. See <u>Fig. 37.</u>
Coil On Plug (COP) 8 (5.4L)	Top left side of engine. See <u>Fig. 38.</u>
Data Link Connector (DLC)	Under left side of dash. See <u>Fig. 12.</u>
Driver Safety Belt Retractor Pretensioner	Front of left quarter panel. See <u>Fig. 19.</u>
Fusible Link A	Rear of engine. See <u>Fig. 53.</u>
Generator	Right front of engine. See <u>Fig. 32.</u>
Heated Positive Crankcase Ventilation (PCV) Valve (4.0L)	Top right side of engine. See <u>Fig. 7.</u>
Horn	Front of radiator. See <u>Fig. 4.</u>
Ignition Coil (4.0L)	Top rear of engine. See <u>Fig. 35.</u>
Ignition Transformer Capacitor 1 (4.6L)	Right front of engine. See <u>Fig. 32.</u>
Ignition Transformer Capacitor 1 (5.4L)	Top right side of engine. See <u>Fig. 39.</u>
Ignition Transformer Capacitor 2 (4.6L)	Left front of engine. See <u>Fig. 36.</u>
Ignition Transformer Capacitor 2 (5.4L)	Left rear of engine. See <u>Fig. 38.</u>
Ignition Transformer Capacitor (4.0L)	Left cylinder head. See <u>Fig. 34.</u>
Passenger Safety Belt Retractor Pretensioner	Right quarter panel. See <u>Fig. 20.</u>
Passenger's Air Bag Module	Right side of dash. See <u>Fig. 13.</u>
Passive Anti-Theft Transceiver	In steering column. See <u>Fig. 44.</u>
PCM Power Diode	In bussed electrical center (BEC). See <u>Fig. 1.</u>
Rear Window Defrost Grid	In rear window. See <u>Fig. 21.</u>
Rear Window Defrost Grid (Left) (Coupe)	Left side of rear window. See <u>Fig. 19.</u>
Rear Window Defrost Grid (Right) (Coupe)	Right side of rear window. See <u>Fig. 21.</u>
Satellite Radio Receiver	Right rear of luggage compartment. See <u>Fig. 21.</u>
Seat Back Heater (Left Front)	In driver's seat. See <u>Fig. 23.</u>
Seat Back Heater (Right Front)	In passenger's seat. See <u>Fig. 24.</u>
Seat Cushion Heater (Left Front)	In driver's seat. See <u>Fig. 23.</u>
Seat Cushion Heater (Right Front)	In passenger's seat. See <u>Fig. 24.</u>
Side Air Bag Module (Left)	On driver's seat. See <u>Fig. 16.</u>

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Side Air Bag Module (Right)	On passenger's seat. See Fig. 17 .
Subwoofer Amplifier Connector (Luggage Compartment, Left Inboard)	Right rear of luggage compartment. See Fig. 22 .
Subwoofer Amplifier Connector (Luggage Compartment, Left Outboard)	Right rear of luggage compartment. See Fig. 22 .
Subwoofer Amplifier Connector (Luggage Compartment, Right Inboard)	Right rear of luggage compartment. See Fig. 22 .
Subwoofer Amplifier Connector (Luggage Compartment, Right Outboard)	Right rear of luggage compartment. See Fig. 22 .
Subwoofer Amplifier (Left Front Channel)	Behind left side of dash. See Fig. 16 .
Subwoofer Amplifier (Right Front Channel)	Behind left side of dash. See Fig. 13 .
Transmission Shift Selector	Under center console. See Fig. 15 .

CONNECTORS

CONNECTORS LOCATION

Component	Location
C110 (Black, 16 Pin)	Right front of engine compartment. See Fig. 53 .
C133 (Black, 4 Pin)	Top right side of engine. See Fig. 53 .
C134 (4.6L) (Black, 4 Pin)	Top rear of engine. See Fig. 37 .
C139 (Gray, 4 Pin)	Right side of engine compartment. See Fig. 32 .
C140 (12 Pin)	Right side of engine compartment. See Fig. 53 .
C146 (Black, 1 Pin)	Right side of engine compartment. See Fig. 32 .
C210 (Gray, 40 Pin)	Right kick panel. See Fig. 47 .
C211	Behind dash panel. See Fig. 43 .
C211 (Black, 30 Pin)	Behind left side of dash. See Fig. 46 .
C212 (Gray, 12 Pin)	Behind right side of dash. See Fig. 13 .
C213 (Gray, 40 Pin)	Right "A" pillar. See Fig. 47 .
C214 (40 Pin)	Left "A" pillar. See Fig. 46 .
C215 (Gray, 4 Pin)	Behind left end of dash. See Fig. 46 .
C219 (6 Pin)	Under front of center console. See Fig. 44 .
C238	Behind dash panel. See Fig. 43 .
C248	Behind dash panel. See Fig. 43 .
C300 (16 Pin)	Under right front seat. See Fig. 17 .
C311 (Gray, 12 Pin)	Under driver's seat. See Fig. 16 .
C312 (Gray, 8 Pin)	Behind left quarter panel. See Fig. 48 .
C313 (Gray, 8 Pin)	Behind right quarter trim panel. See Fig. 21 .
C314	Under center console. See Fig. 45 .
C339	Under center console. See Fig. 45 .
C405 (Gray, 4 Pin)	Right rear of luggage compartment. See Fig. 20 .
C410 (Gray, 6 Pin)	Left rear of luggage compartment. See Fig. 48 .

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C411 (Gray, 6 Pin)	Right side of luggage compartment. See Fig. 21 .
C421 (Gray, 12 Pin)	Right rear of luggage compartment. See Fig. 20 .
C422 (Gray, 10 Pin)	Right rear of luggage compartment. See Fig. 21 .
C423 (Black, 2 Pin)	Behind left quarter panel. See Fig. 48 .
C913 (Black, 10 Pin)	Right "A" pillar. See Fig. 47 .

GROUND S

GROUND S LOCATION

Component	Location
G100	Right side of radiator support. See Fig. 32 .
G101	Left front of engine compartment. See Fig. 53 .
G102	Right front of engine compartment. See Fig. 53 .
G103	Right front of engine compartment. See Fig. 53 .
G106	Right side of engine compartment. See Fig. 53 .
G107	Right side of engine compartment. See Fig. 33 .
G200	Behind right side of dash. See Fig. 43 .
G201	Behind right side of dash. See Fig. 43 .
G202	Behind center of dash. See Fig. 43 .
G203	Right "A" pillar. See Fig. 47 .
G204	Left kick panel. See Fig. 46 .
G205	Right "A" pillar. See Fig. 47 .
G400	Left rear of luggage compartment. See Fig. 49 .
G401	Right rear of luggage compartment. See Fig. 20 .
G402	Right rear of luggage compartment. See Fig. 21 .
G403	Left side of luggage compartment. See Fig. 19 .

SPLICES

SPLICES LOCATION

Component	Location
S100	In engine harness, near S119. See Fig. 52 .
S100 (4.0L)	In engine control sensor & fuel charge harness, near breakout to heated oxygen sensor #21. See Fig. 7 .
S100 (5.4L)	In engine control sensor & fuel charge harness, near breakout to ignition transformer capacitor 1. See Fig. 39 .
S101 (A/T)	In engine control sensor & fuel charge harness, near breakout to heated oxygen sensor #21. See Fig. 40 .
S101 (4.0)	Near engine control sensor. See Fig. 40 .
S101 (4.6L)	In engine control sensor & fuel charge harness, near breakout to fuel injector 4. See Fig. 37 .

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S101 (5.4L)	In engine control sensor & fuel charge harness, near breakout to ignition transformer capacitor 1. See <u>Fig. 39.</u>
S102 (4.0L)	In engine control sensor & fuel charge harness, near breakout to EGR system module. See <u>Fig. 40.</u>
S102 (5.4L)	In engine control sensor & fuel charge harness, near breakout to heated oxygen sensor #21. See <u>Fig. 31.</u>
S103 (4.0L)	In engine control sensor & fuel charge harness, on top of engine. See <u>Fig. 35.</u>
S103 (5.4L)	In engine control sensor & fuel charge harness, near breakout to bussed electrical center. See <u>Fig. 39.</u>
S104	Under throttle body. See <u>Fig. 38.</u>
S104 (4.0L)	In engine control sensor & fuel charge harness, near breakout to ignition coil. See <u>Fig. 35.</u>
S104 (4.6L)	In engine control sensor & fuel charge harness, near breakout to ignition coil. See <u>Fig. 36.</u>
S106 (4.0)	In engine control sensor & fuel charge harness, near breakout to heated oxygen sensor #12. See <u>Fig. 34.</u>
S106 (4.6L)	In engine control sensor & fuel charge harness, near breakout to heated oxygen sensor #11. See <u>Fig. 37.</u>
S106 (5.4L)	In engine control sensor & fuel charge harness, near breakout to cylinder head temperature sensor. See <u>Fig. 39.</u>
S107 (4.0L)	In engine control sensor & fuel charge harness, near breakout to heated positive crankcase ventilation valve. See <u>Fig. 35.</u>
S107 (4.6L)	In engine control sensor & fuel charge harness, near breakout to fuel injector 4. See <u>Fig. 37.</u>
S107 (5.4L)	In engine control sensor & fuel charge harness, near breakout to cylinder head temperature sensor. See <u>Fig. 39.</u>
S108 (4.0L)	In engine control sensor & fuel charge harness, near breakout to C146. See <u>Fig. 35.</u>
S108 (4.6L)	In engine control sensor & fuel charge harness, near breakout to bussed electrical center. See <u>Fig. 37.</u>
S108 (5.4L)	In engine control sensor & fuel charge harness, near breakout to bussed electrical center. See <u>Fig. 39.</u>
S109 (4.6L)	In engine control sensor & fuel charge harness, near breakout to C134. See <u>Fig. 37.</u>
S109 (5.4L)	In engine control sensor & fuel charge harness, near breakout to fuel injector 8. See <u>Fig. 38.</u>
S110	In alternator rectifier system harness, near breakout to battery. See <u>Fig. 53.</u>
S111	In alternator rectifier system harness, near breakout

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	to battery. See <u>Fig. 53.</u>
S112	In dash panel to headlight junction harness, near breakout to right headlight. See <u>Fig. 32.</u>
S115	In body main harness, near breakout to G102. See <u>Fig. 53.</u>
S117	In starter motor relay & battery ground harness, near breakout to G106. See <u>Fig. 32.</u>
S118	In starter motor relay & battery ground harness, near breakout to G106. See <u>Fig. 32.</u>
S119 (4.6L)	In engine control sensor & fuel charge harness, near breakout to bussed electrical center. See <u>Fig. 37.</u>
S119 (5.4L)	In engine control sensor & fuel charge harness, near breakout to ignition transformer capacitor 1. See <u>Fig. 39.</u>
S199	In dash panel to headlight junction harness, near breakout to right headlight. See <u>Fig. 32.</u>
S200	In main harness, near breakout to climate control unit. See <u>Fig. 43.</u>
S201	In main harness, near breakout to audio unit. See <u>Fig. 43.</u>
S202	In main harness, near breakout to audio unit. See <u>Fig. 13.</u>
S203	In main harness, near breakout to audio unit. See <u>Fig. 43.</u>
S204	In main harness, near breakout to audio unit. See <u>Fig. 43.</u>
S205	In main harness, near breakout to audio unit. See <u>Fig. 43.</u>
S206	In main harness, near breakout to audio unit. See <u>Fig. 43.</u>
S207	In main harness, near breakout to climate control unit. See <u>Fig. 43.</u>
S208	In main harness, near breakout to climate control unit. See <u>Fig. 43.</u>
S209	In main harness, near breakout to G202. See <u>Fig. 44.</u>
S210	In main harness, near breakout to C212. See <u>Fig. 43.</u>
S211	In heater blower motor harness, near breakout to C212. See <u>Fig. 28.</u>
S212	In body main harness, near breakout to C211. See <u>Fig. 43.</u>
S213	In body main harness, near breakout to G204. See <u>Fig. 46.</u>
	In body main harness, near breakout to left front

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S214	channel subwoofer amplifier. See <u>Fig. 46.</u>
S215	In body main harness, near breakout to G204. See <u>Fig. 16.</u>
S216	In body main harness, near breakout to C211. See <u>Fig. 46.</u>
S217	In body main harness, near breakout to C211. See <u>Fig. 46.</u>
S220	In body main harness, near breakout to smart junction box. See <u>Fig. 47.</u>
S221 (Except 5.4L)	In body main harness, near breakout to C421. See <u>Fig. 17.</u>
S221 (5.4L)	In body main harness, near breakout to G204. See <u>Fig. 46.</u>
S222	In body main harness, near breakout to C421. See <u>Fig. 47.</u>
S224	In body main harness, near breakout to C421. See <u>Fig. 17.</u>
S225 (5.4L)	In body main harness, near breakout to C215. See <u>Fig. 46.</u>
S226 (5.4L)	In body main harness, near breakout to left front channel subwoofer amplifier. See <u>Fig. 46.</u>
S227 (5.4L)	In body main harness, near breakout to left front channel subwoofer amplifier. See <u>Fig. 46.</u>
S228	In body main harness, near breakout to C213. See <u>Fig. 47.</u>
S229	In body main harness, near breakout to accelerator pedal position sensor. See <u>Fig. 46.</u>
S230	Under center of dash. See <u>Fig. 47.</u>
S231	In main harness, near breakout to heated seat relay box. See <u>Fig. 12.</u>
S301	In power seats harness, near breakout to driver safety belt buckle switch. See <u>Fig. 50.</u>
S302	In power seats harness, near breakout to driver side front seat adjust switch. See <u>Fig. 50.</u>
S303	In power seats harness, near breakout to driver side front seat adjust switch. See <u>Fig. 50.</u>
S306	Under passenger seat. See <u>Fig. 51.</u>
S310	Under center console. See <u>Fig. 45.</u>
S311	Under center console. See <u>Fig. 45.</u>
S312	Under center console. See <u>Fig. 45.</u>
S313	Under center console. See <u>Fig. 45.</u>
S400	In rear light connector harness, near breakout to license plate light. See <u>Fig. 20.</u>

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S401	In radio amplifier harness, near breakout to C421. See <u>Fig. 20.</u>
S402	In rear light jumper harness, near breakout to C410. See <u>Fig. 48.</u>
S403	In rear light jumper harness, near breakout to C411. See <u>Fig. 21.</u>
S404	In body main harness, near breakout to G401. See <u>Fig. 20.</u>
S406	In luggage compartment light harness, near breakout to high mounted stoplight. See <u>Fig. 27.</u>
S407 (5.4L)	In body main harness, near breakout to fuel pump driver module. See <u>Fig. 49.</u>
S408 (Coupe)	In main harness, near breakout to fuel pump driver module. See <u>Fig. 49.</u>
S409	In radio amplifier harness, near breakout to luggage compartment right inboard subwoofer amplifier. See <u>Fig. 21.</u>
S410	In radio amplifier harness, near breakout to luggage compartment right inboard subwoofer amplifier. See <u>Fig. 21.</u>
S411	In main body harness, near C421. See <u>Fig. 52.</u>
S412	Rear of passenger compartment. See <u>Fig. 52.</u>
S413 (Early Production)	In body main harness, near breakout to satellite radio receiver. See <u>Fig. 21.</u>
S413 (Late Production)	In body main harness, near breakout to rear window defrost grid. See <u>Fig. 21.</u>
S414 (Early Production)	In body main harness, near breakout to satellite radio receiver. See <u>Fig. 21.</u>
S414 (Late Production)	In body main harness, near breakout to rear window defrost grid. See <u>Fig. 21.</u>
S415 (5.4L)	In body main harness, near breakout to G403. See <u>Fig. 49.</u>
S417 (5.4L)	In body main harness, near breakout to fuel pump driver module. See <u>Fig. 49.</u>
S500	In left front door window regulator harness, near breakout to left front power window motor. See <u>Fig. 25.</u>
S501	In left front door window regulator harness, near breakout to left front power window motor. See <u>Fig. 25.</u>
S502	In left front door window regulator harness, near breakout to left exterior rearview mirror. See <u>Fig. 25.</u>
	In left front door window regulator harness, near

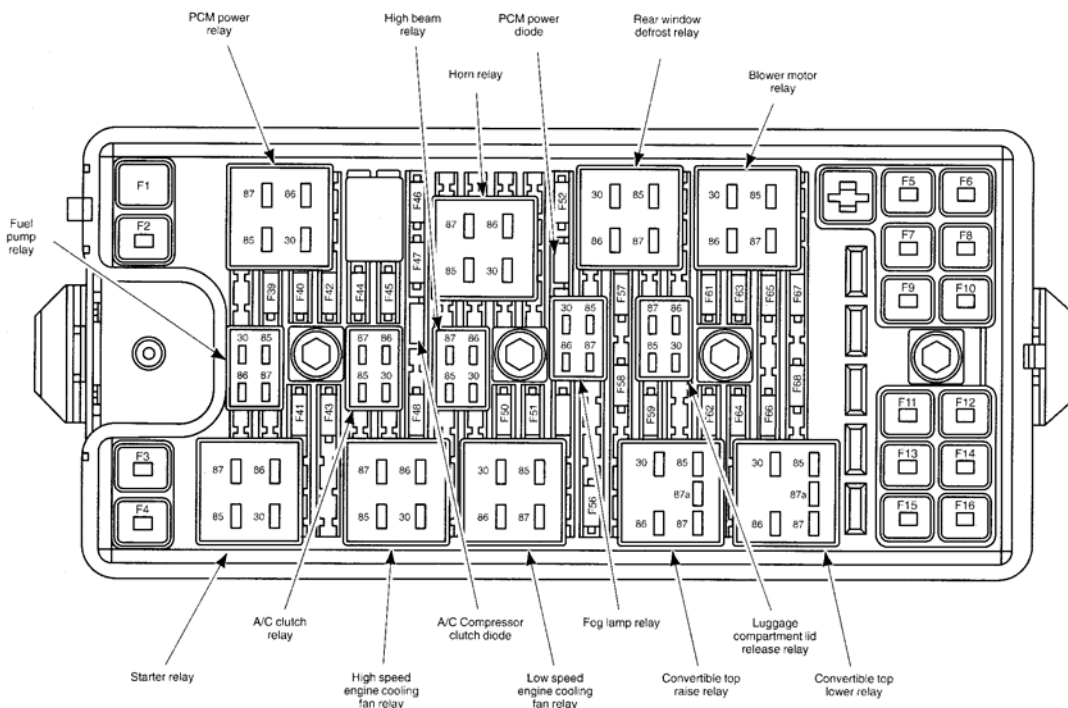
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S503	breakout to left front door lock actuator. See Fig. 25.
S600	In right front door window regulator harness, near breakout to right front speaker. See Fig. 26.
S601	In right front door window regulator harness, near breakout to right front power window motor. See Fig. 26.
S602	In right front door window regulator harness, near breakout to right front power window motor. See Fig. 26.
S603	In right front door window regulator harness, near breakout to passenger side window adjust switch. See Fig. 26.
S604	In right front door window regulator harness, near breakout to passenger side window adjust switch. See Fig. 26.

COMPONENT LOCATION GRAPHICS

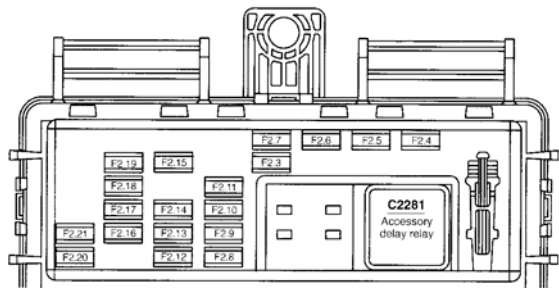
NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



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Fig. 1: Bussed Electrical Center (BEC)
Courtesy of FORD MOTOR CO.



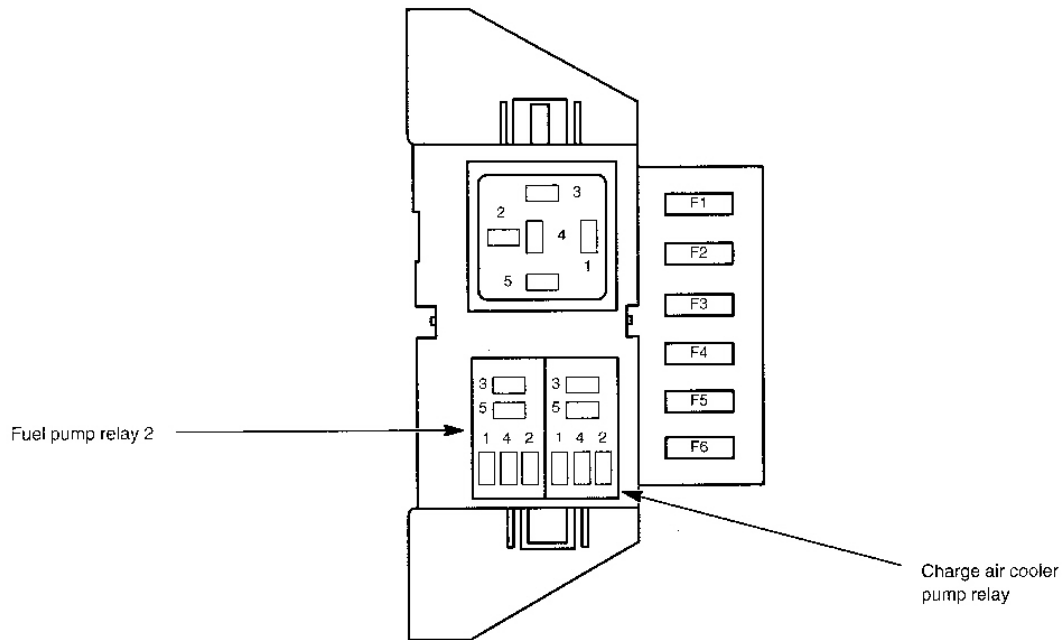
Fuse	Amps	Circuits protected	Fuse	Amps	Circuits protected
F2.3	10	Blower motor relay, Windshield wiper motor	F2.14	5	A/C clutch cycling pressure switch
F2.4	5	Exterior rear view mirror switch	F2.15	10	Stoplamp switch 1
F2.5	–	not used	F2.16	5	Instrument cluster
F2.6	5	Radio, Power windows, Power Door Locks	F2.17	10	Occupant classification sensor module, Restraints control module, Passenger Air bag Deactivation (PAD) indicator
F2.7	10	Transmission overdrive cancel switch	F2.18	10	Heated Positive Crankcase Ventilation (PCV) valve, Brake pedal position switch, ABS control module
F2.8	10	Instrument cluster, Data Link Connector (DLC)	F2.19	5	PCM power diode, Passive anti-theft transceiver module, Instrument cluster Air bag indicator
F2.9	–	not used	F2.20	10	Radio
F2.10	5	Climate control module, Overhead console	F2.21	10	Starter relay circuit, PCM Key-off relay
F2.11	5	not used			
F2.12	5	Climate control module			
F2.13	–	not used			

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Fig. 2: Smart Junction Box (SJB)
Courtesy of FORD MOTOR CO.

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Fuse	Amps	Circuits protected
F1	—	Not used
F2	—	Not used
F3	—	Not used
F4	—	Not used
F5	10	Charge air cooler pump
F6	15	Fuel pump 2

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Fig. 3: Auxiliary Relay Box 1
Courtesy of FORD MOTOR CO.

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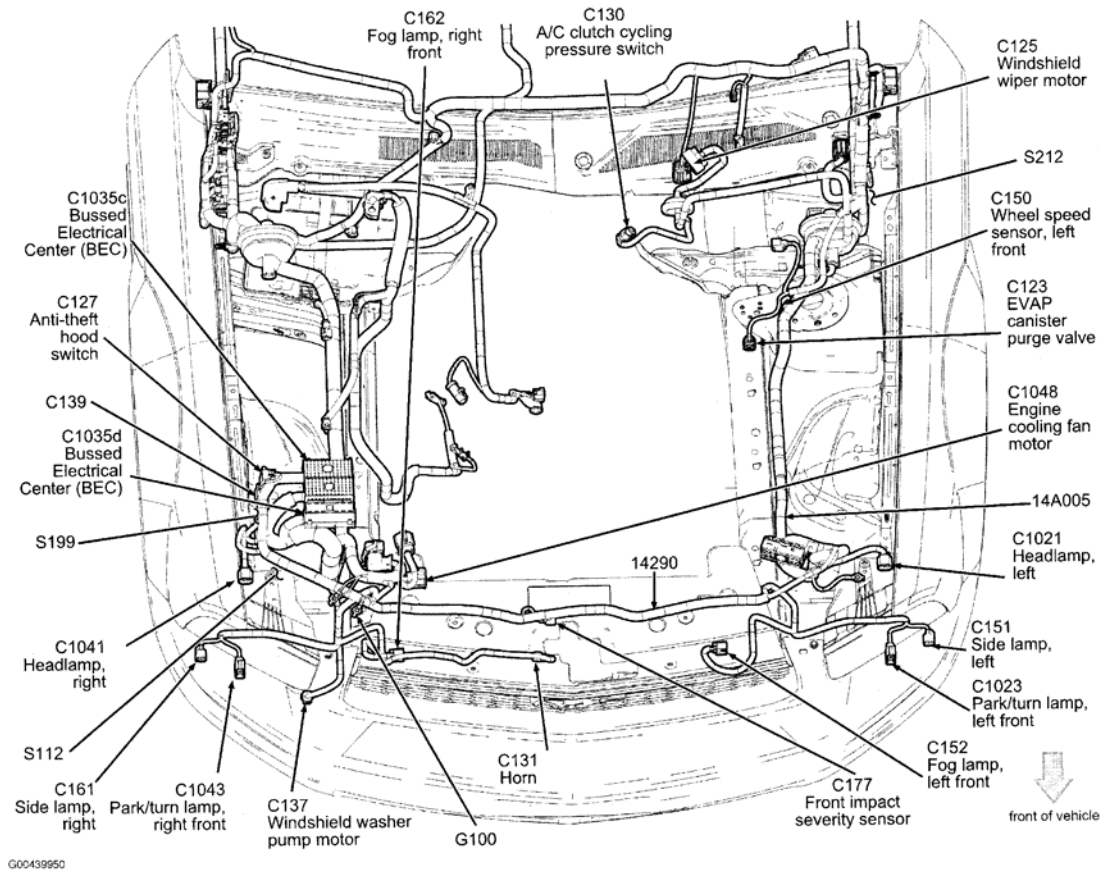
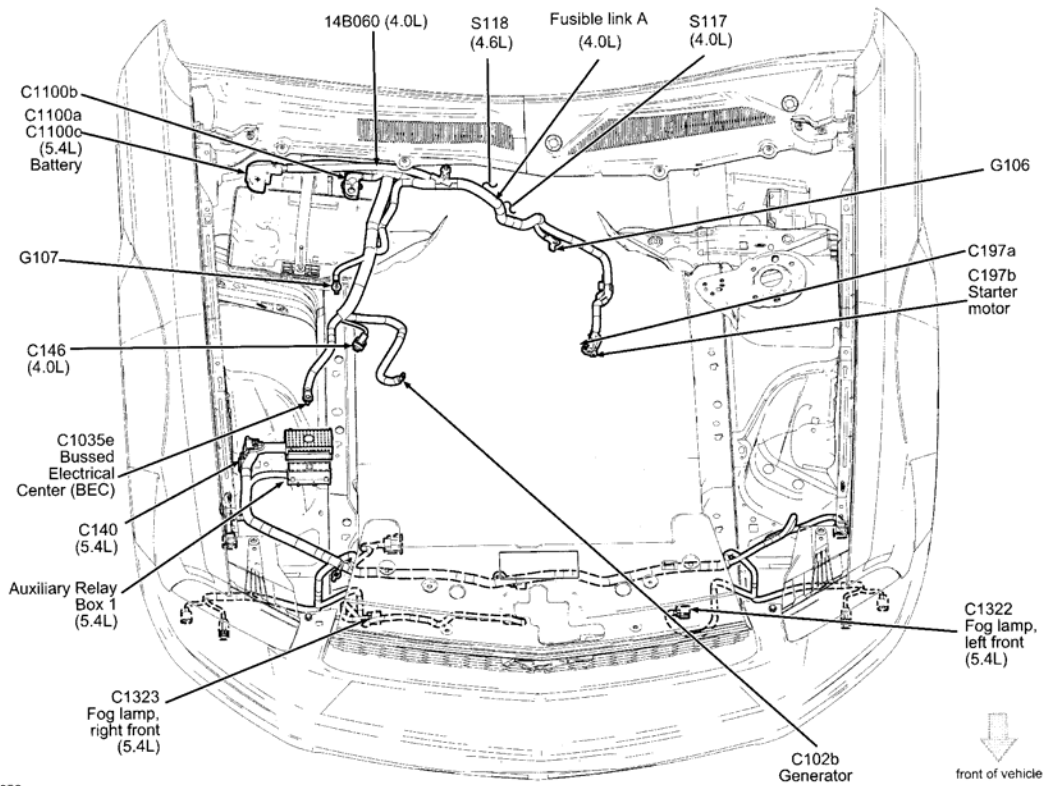


Fig. 4: Engine Compartment
Courtesy of FORD MOTOR CO.

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Fig. 5: Engine Compartment
Courtesy of FORD MOTOR CO.

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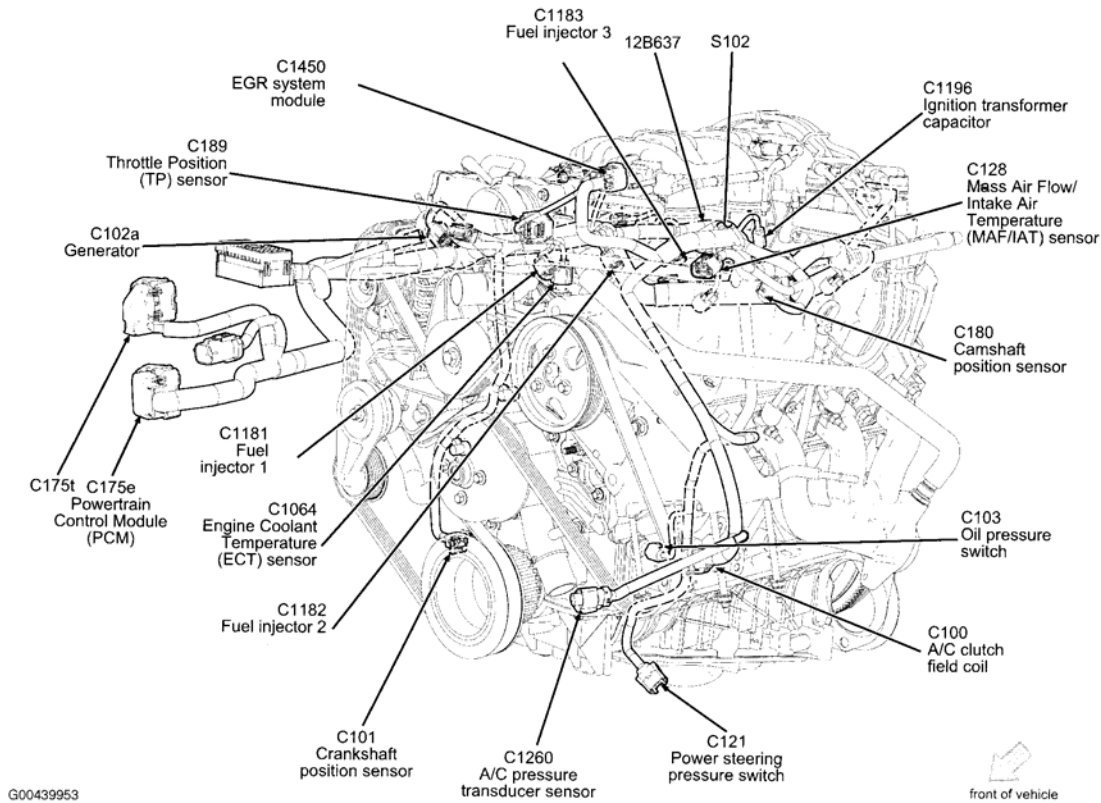
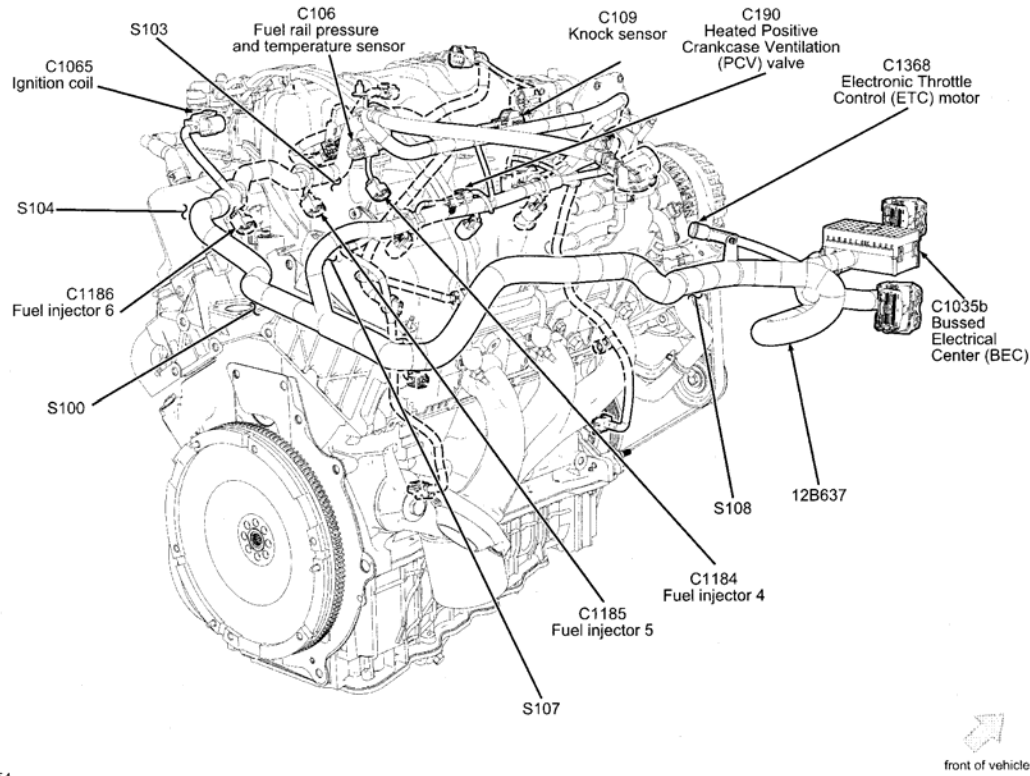


Fig. 6: Left Front Of Engine (4.0L)
Courtesy of FORD MOTOR CO.

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Fig. 7: Right Rear Of Engine (4.0L)
Courtesy of FORD MOTOR CO.

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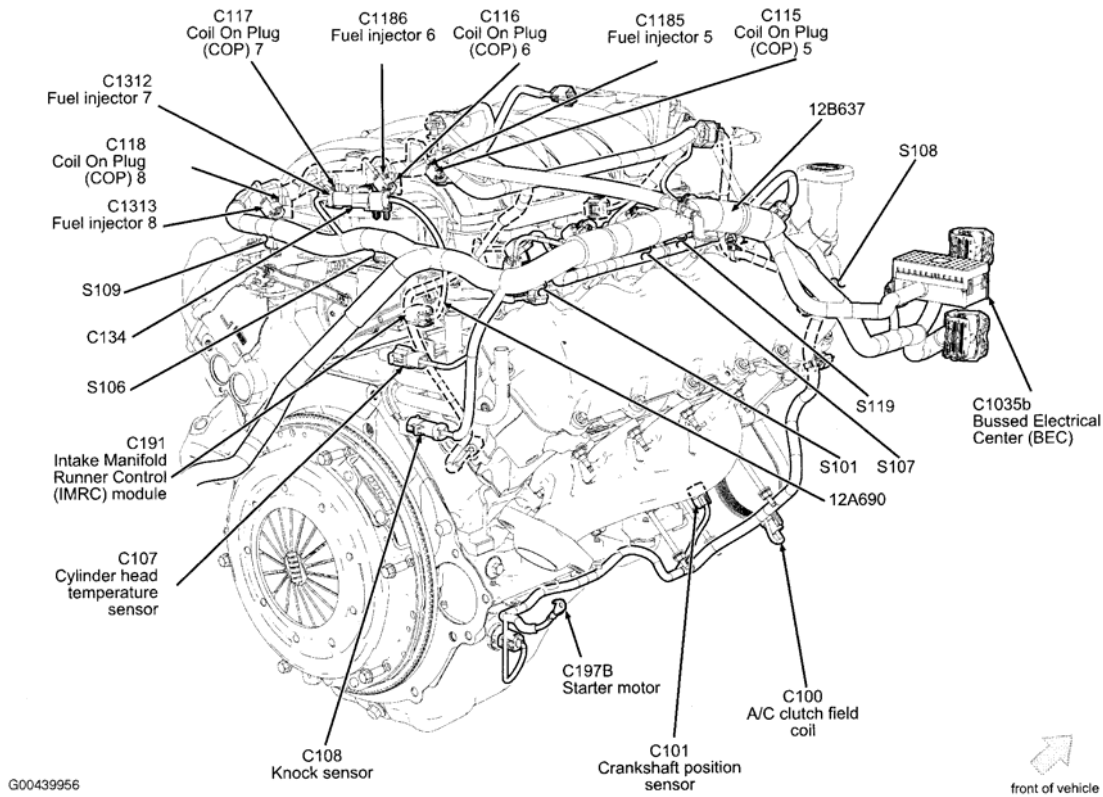


Fig. 8: Right Rear Of Engine (4.6L)
Courtesy of FORD MOTOR CO.

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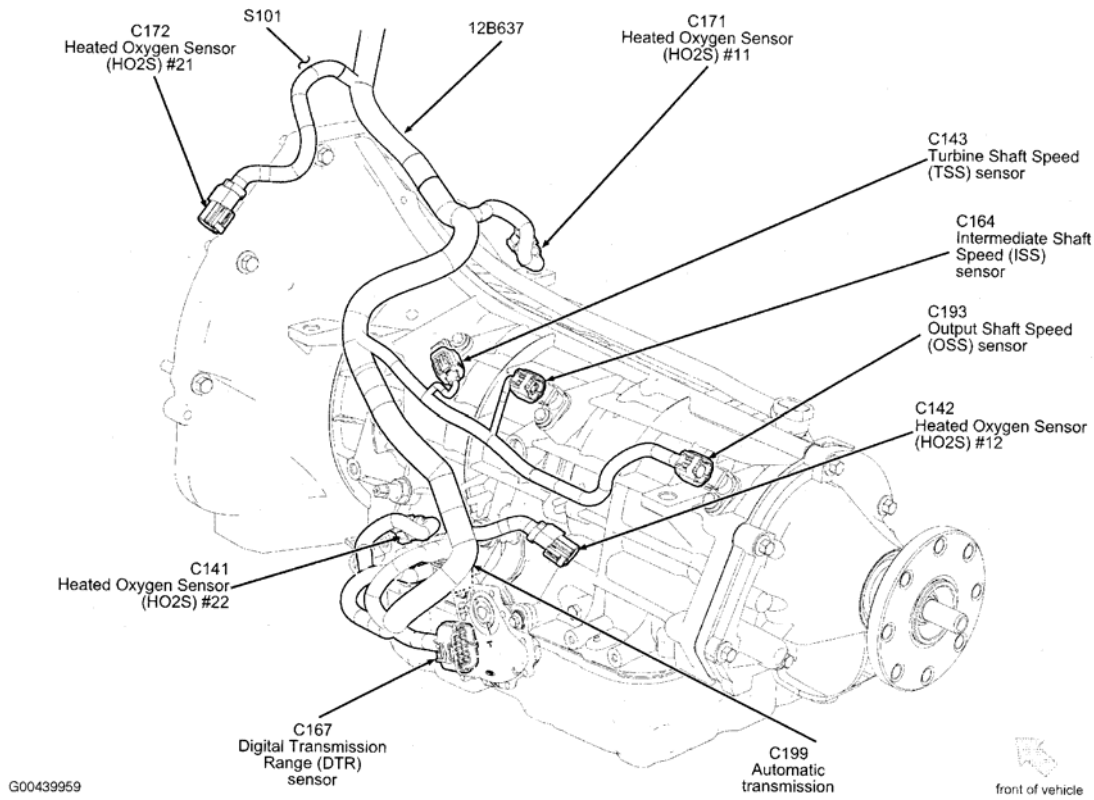


Fig. 9: Automatic Transmission
Courtesy of FORD MOTOR CO.

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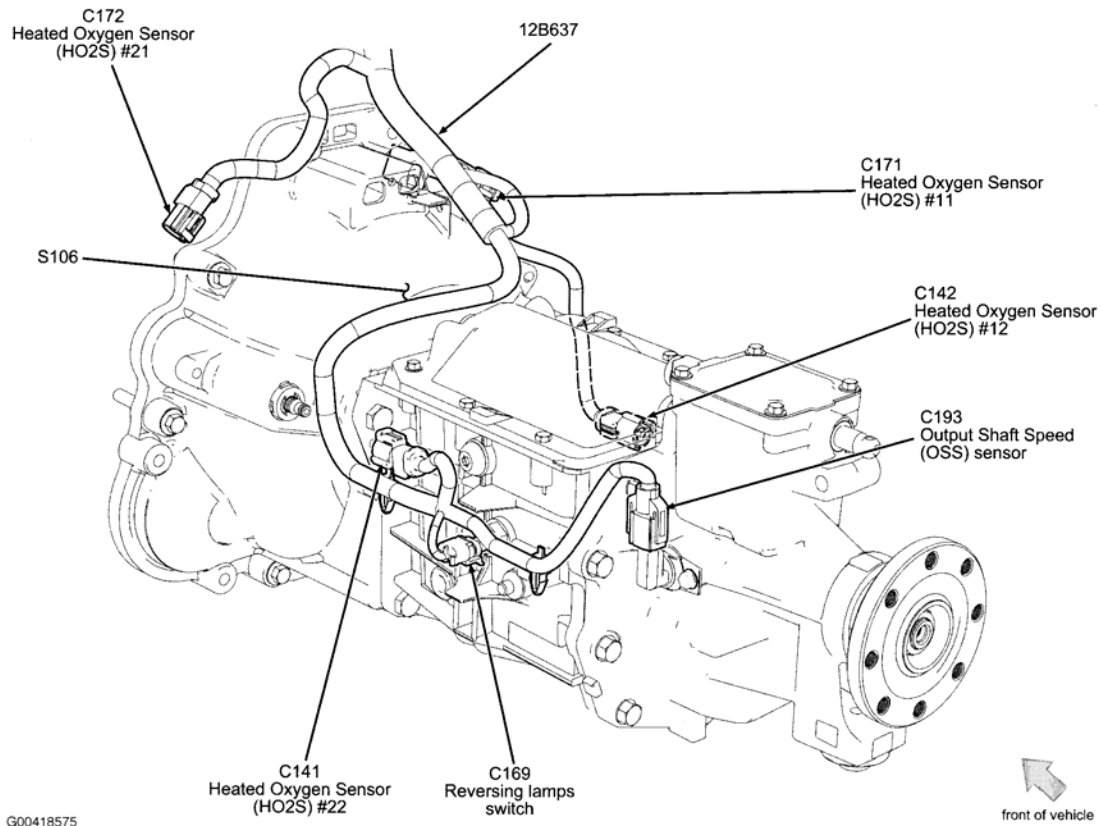
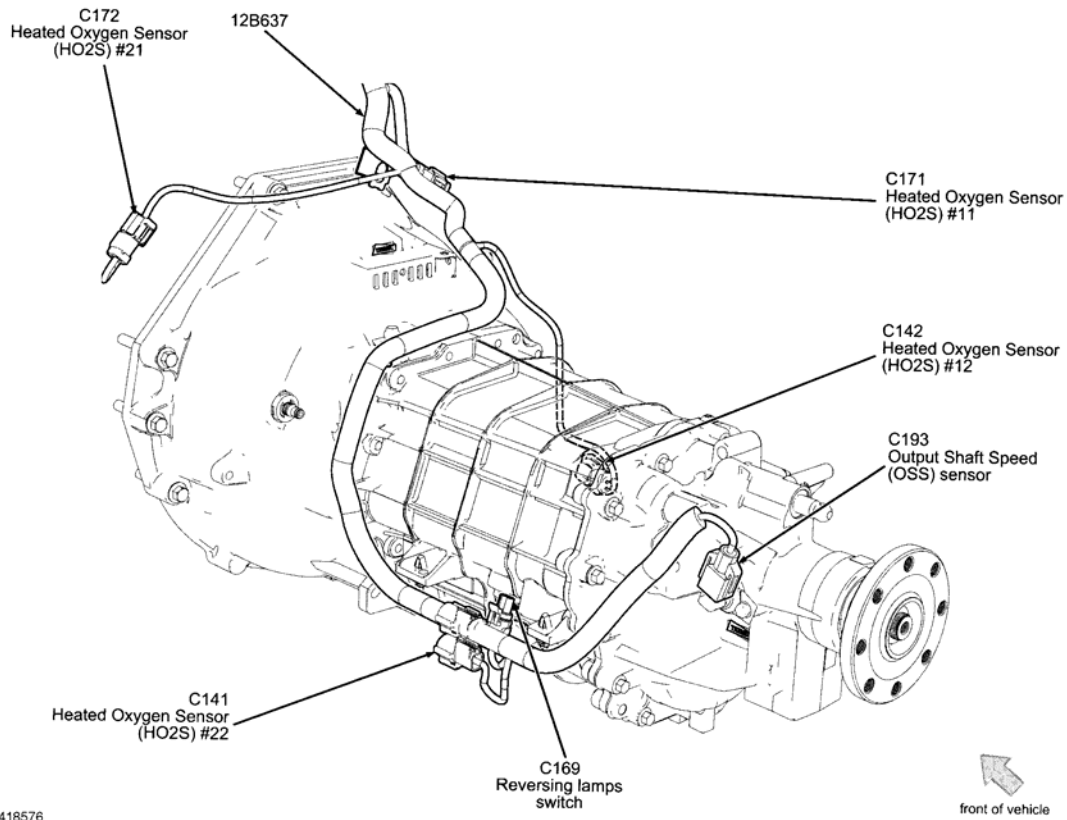


Fig. 10: Manual Transmission (T5)
Courtesy of FORD MOTOR CO.

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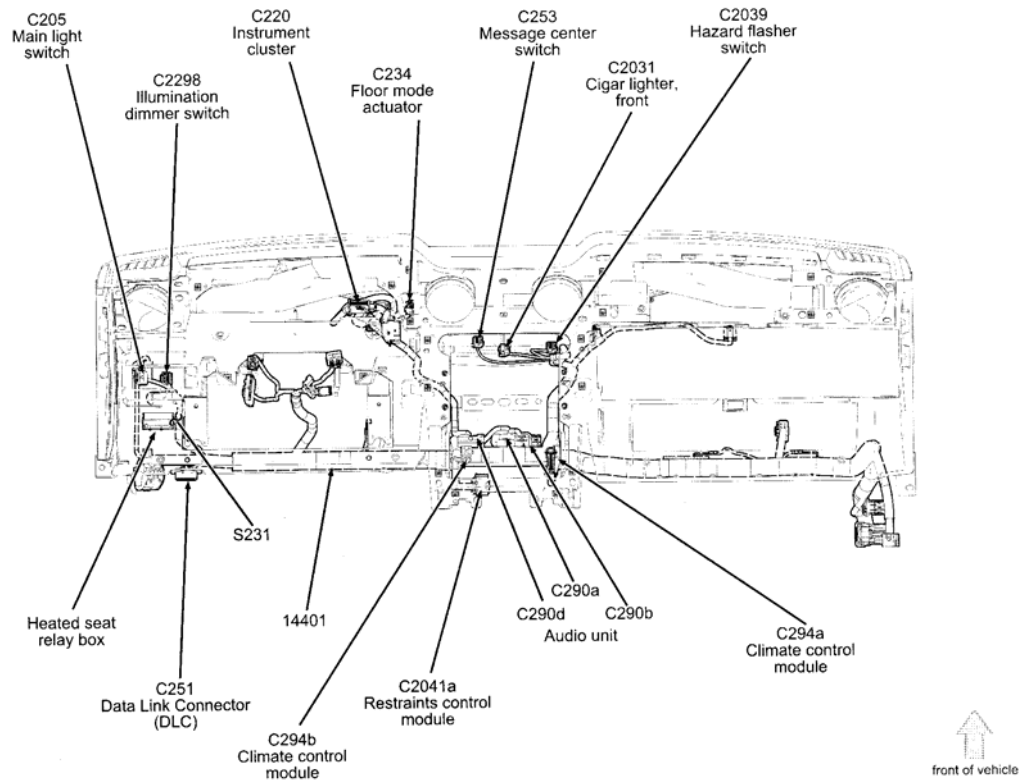


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Fig. 11: Manual Transmission (TR3650)
Courtesy of FORD MOTOR CO.

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Fig. 12: Dash Panel
Courtesy of FORD MOTOR CO.

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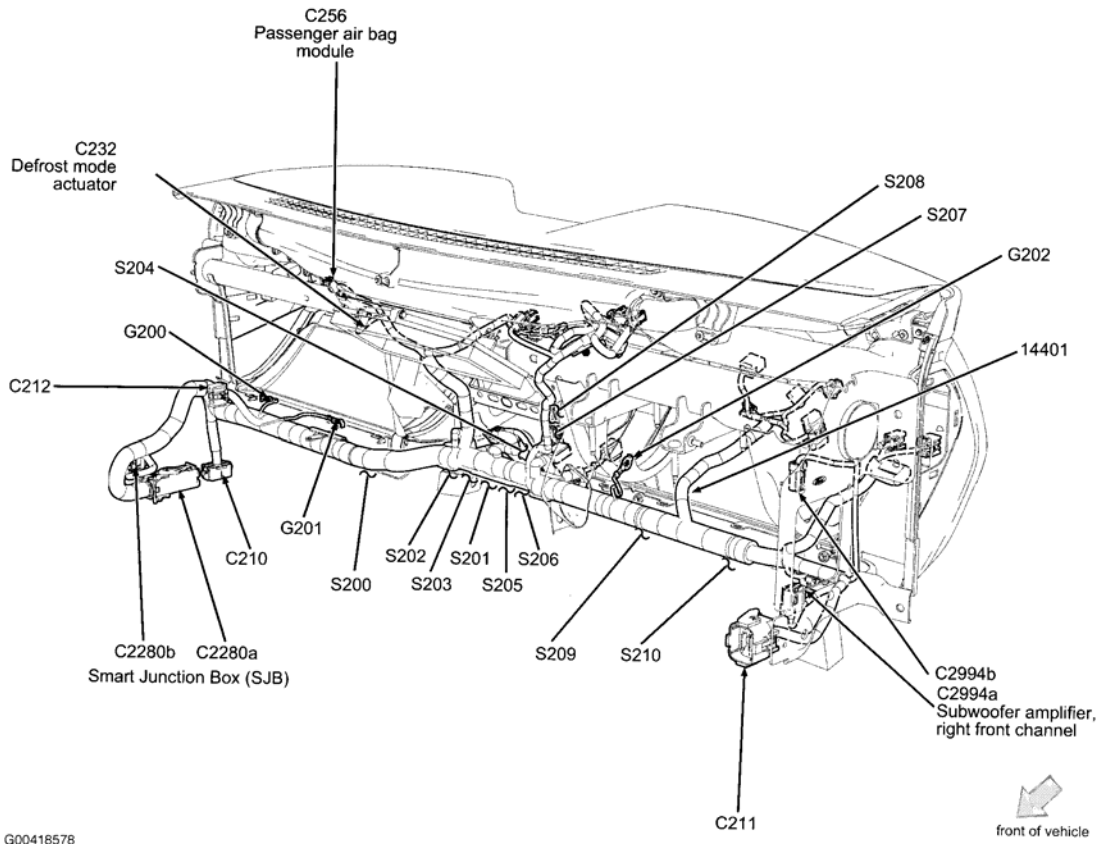
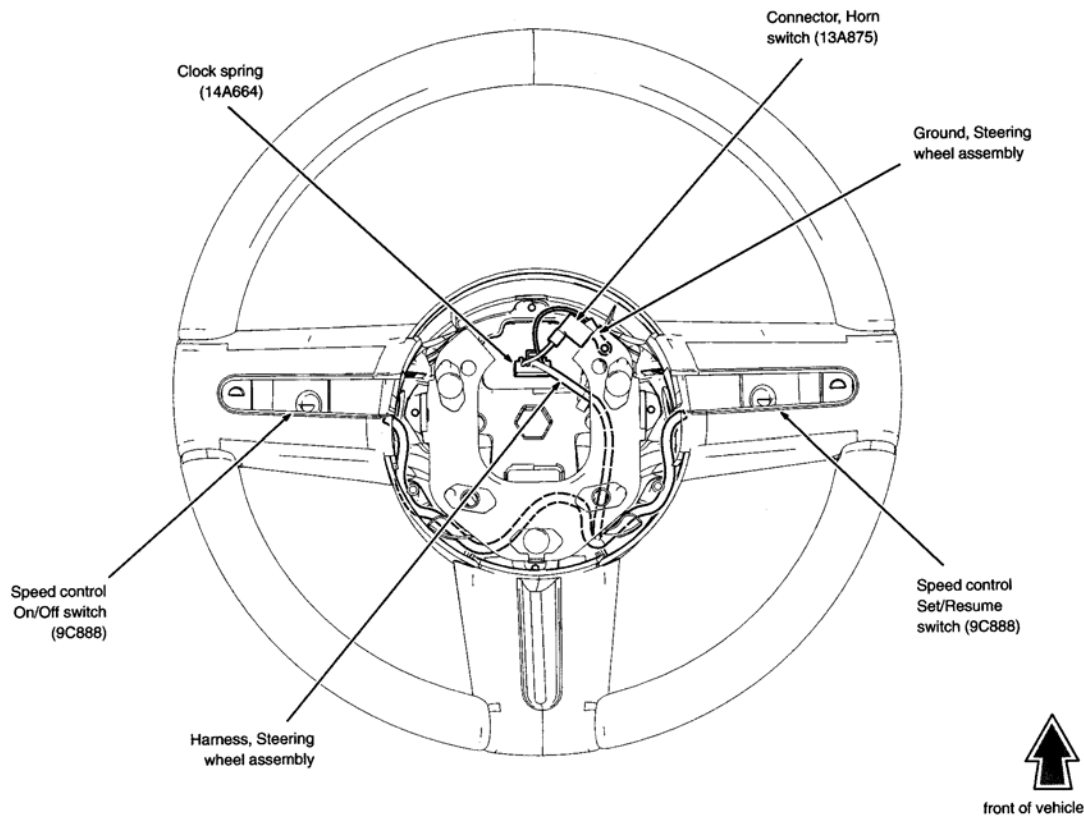


Fig. 13: Rear Of Dash Panel
Courtesy of FORD MOTOR CO.

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Fig. 14: Steering Wheel
Courtesy of FORD MOTOR CO.

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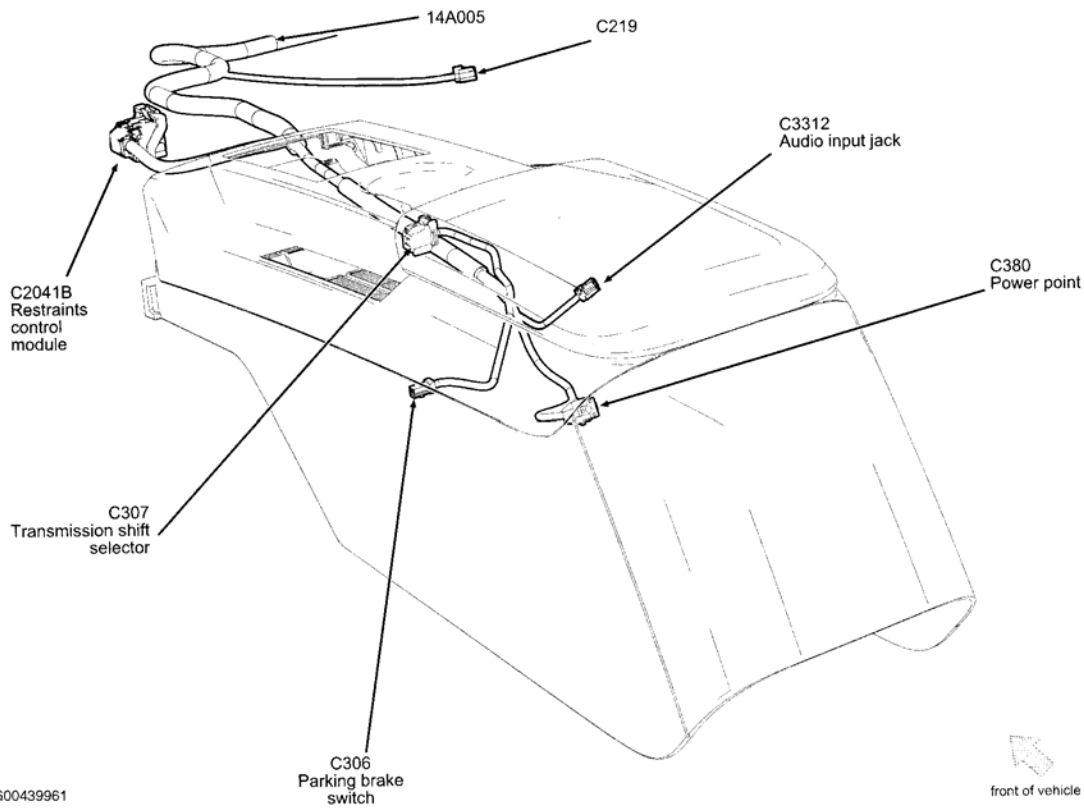
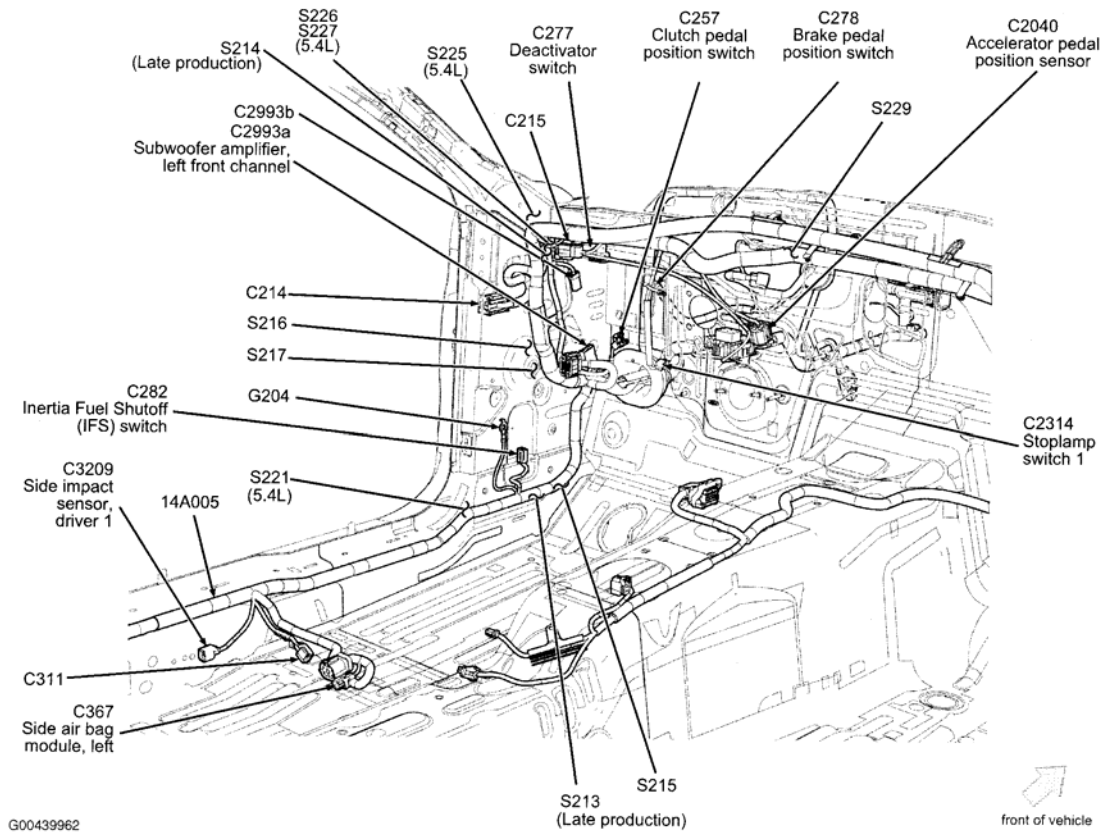


Fig. 15: Center Console
Courtesy of FORD MOTOR CO.

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Fig. 16: Left "A" Pillar
Courtesy of FORD MOTOR CO.

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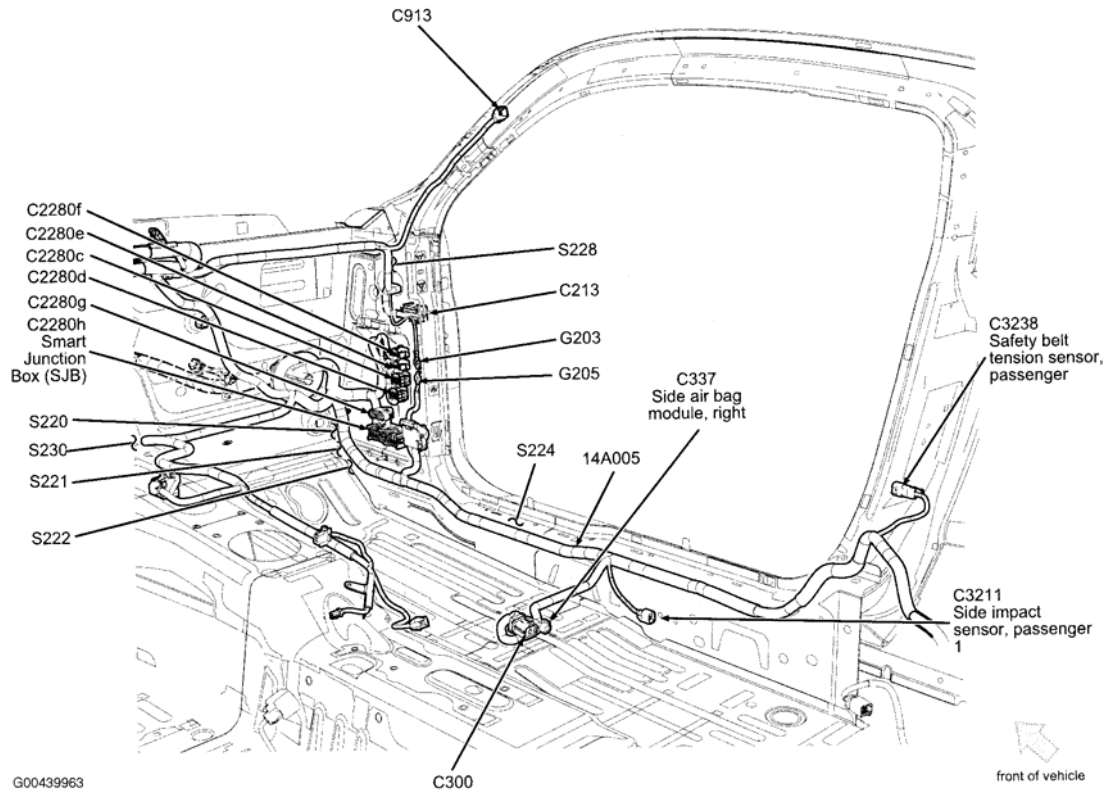
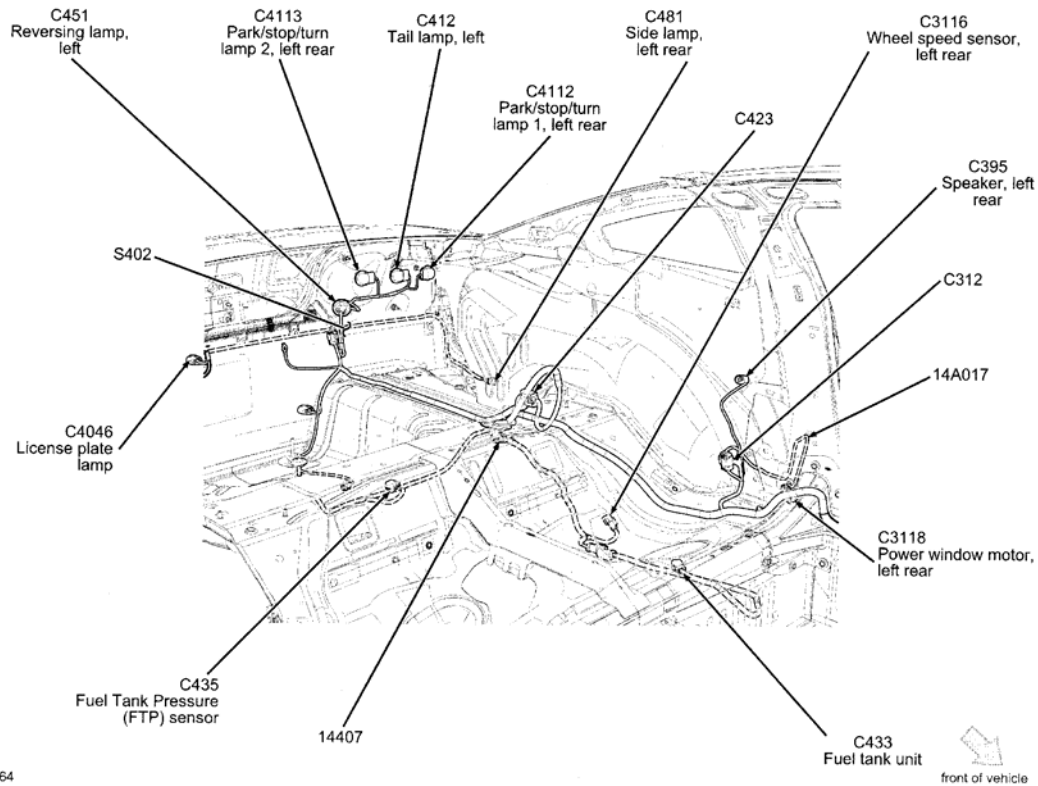


Fig. 17: Right "A" Pillar
Courtesy of FORD MOTOR CO.

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Fig. 18: Left Rear Of Vehicle
Courtesy of FORD MOTOR CO.

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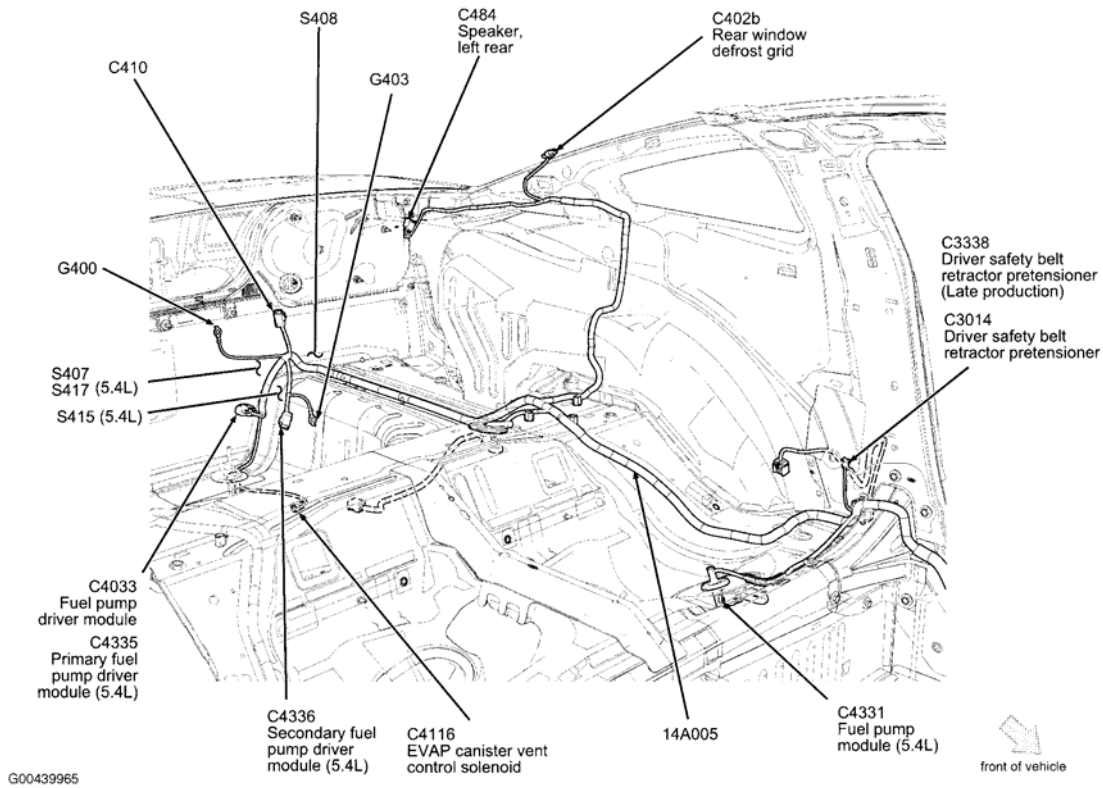


Fig. 19: Left Rear Of Vehicle (Coupe)
Courtesy of FORD MOTOR CO.

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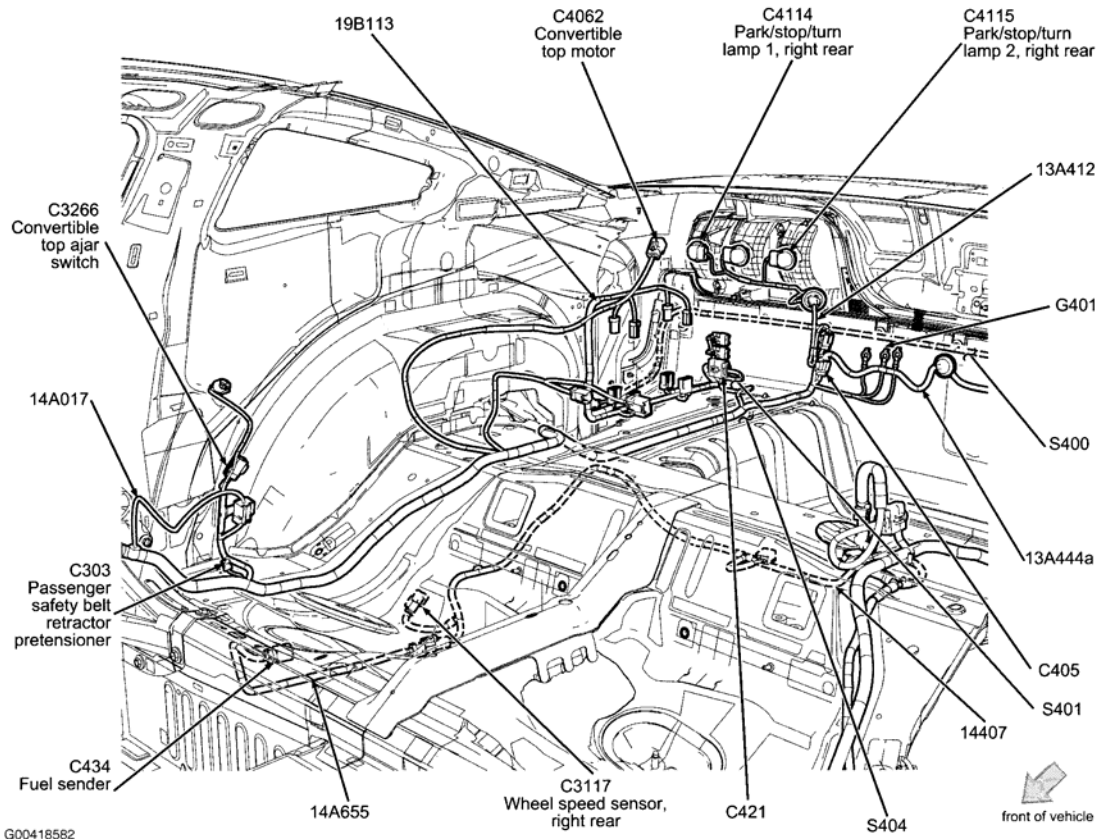


Fig. 20: Right Rear Of Vehicle (Convertible)
Courtesy of FORD MOTOR CO.

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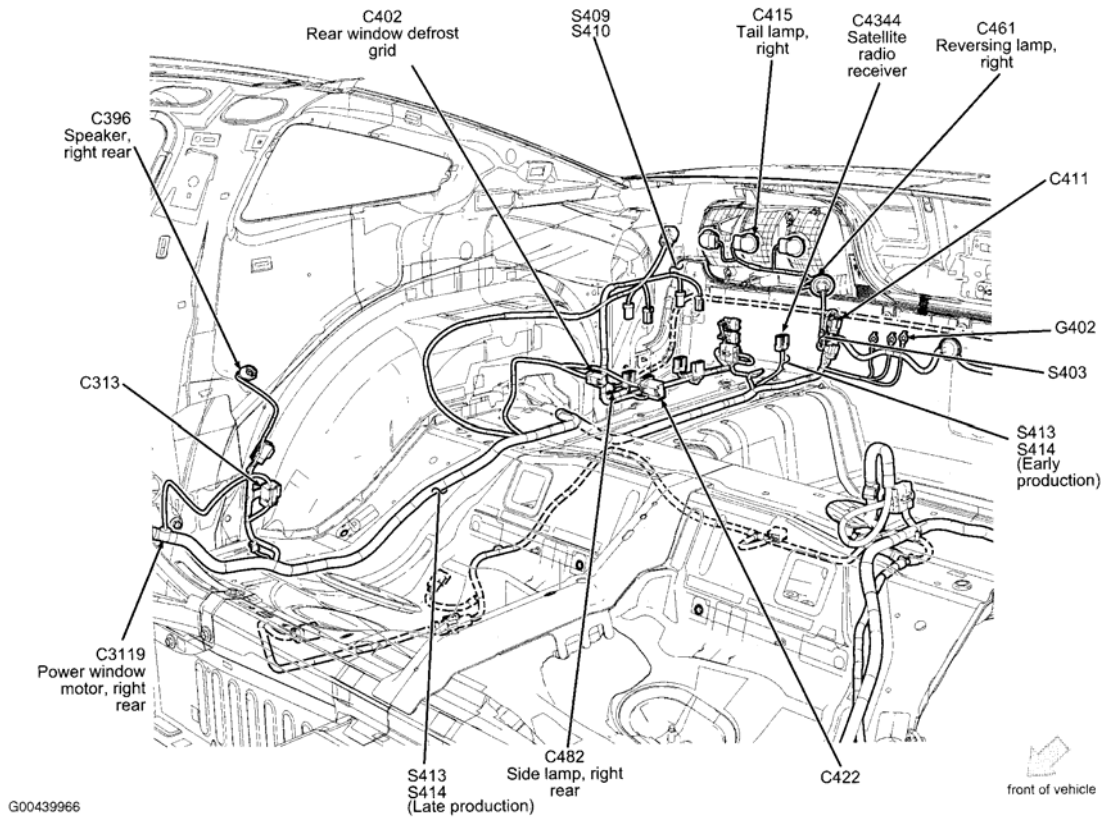


Fig. 21: Right Rear Of Vehicle (Coupe)
Courtesy of FORD MOTOR CO.

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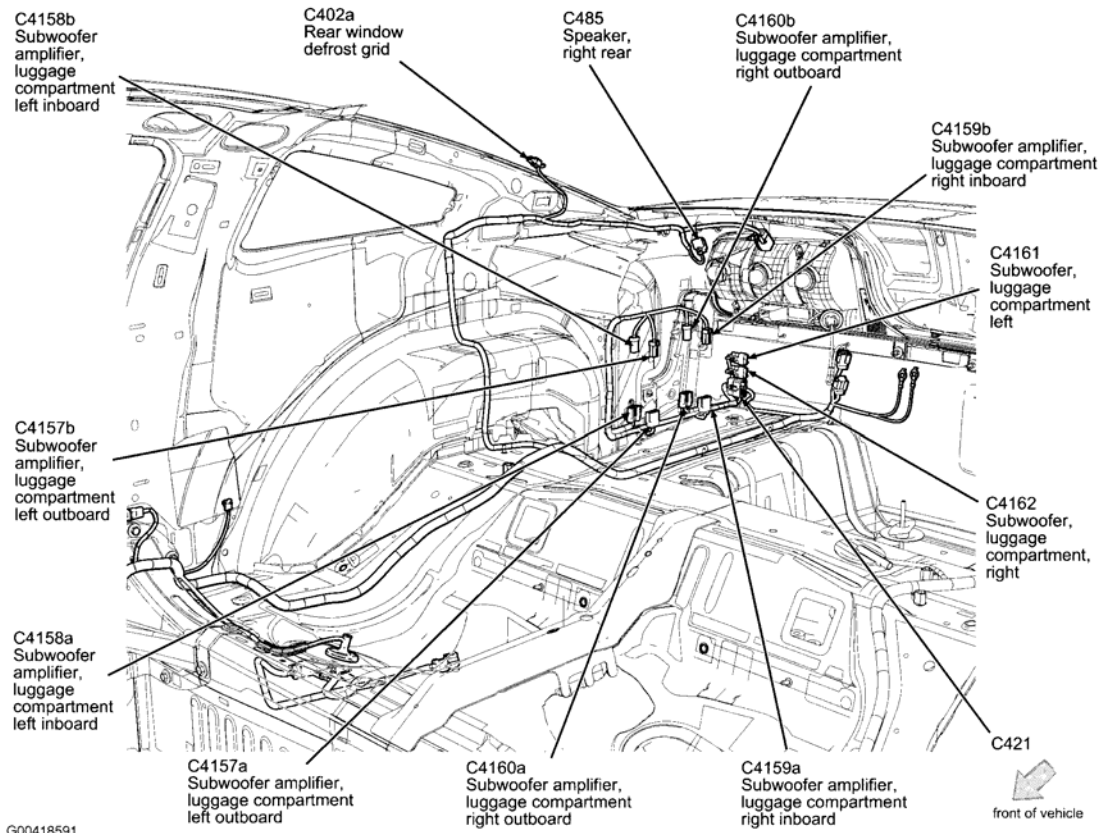
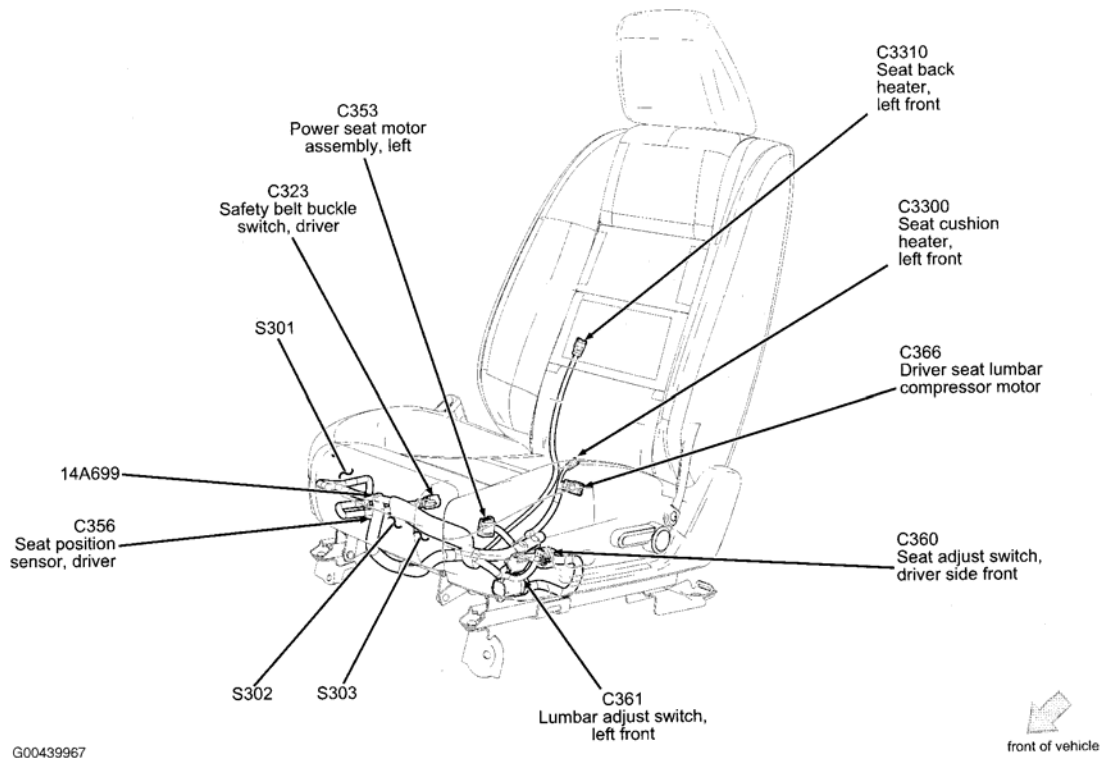


Fig. 22: Right Rear Of Vehicle
Courtesy of FORD MOTOR CO.

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Fig. 23: Driver's Seat
Courtesy of FORD MOTOR CO.

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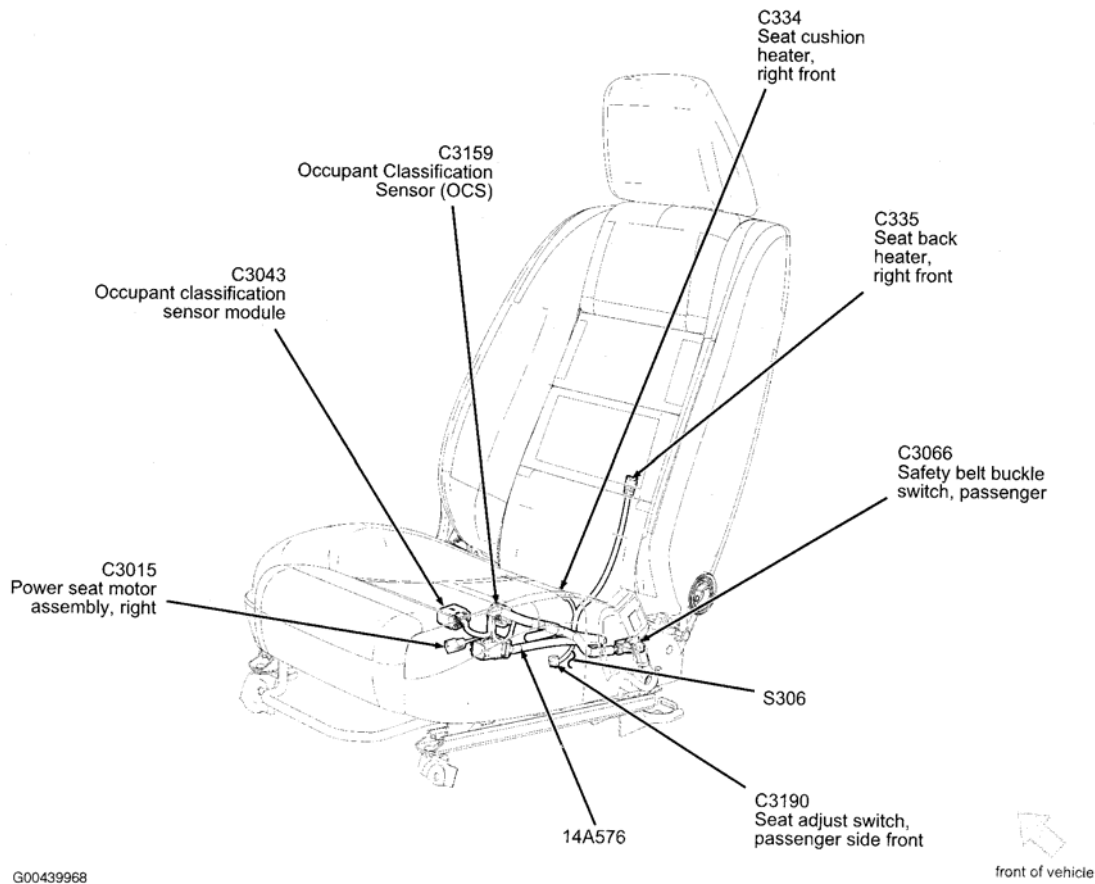
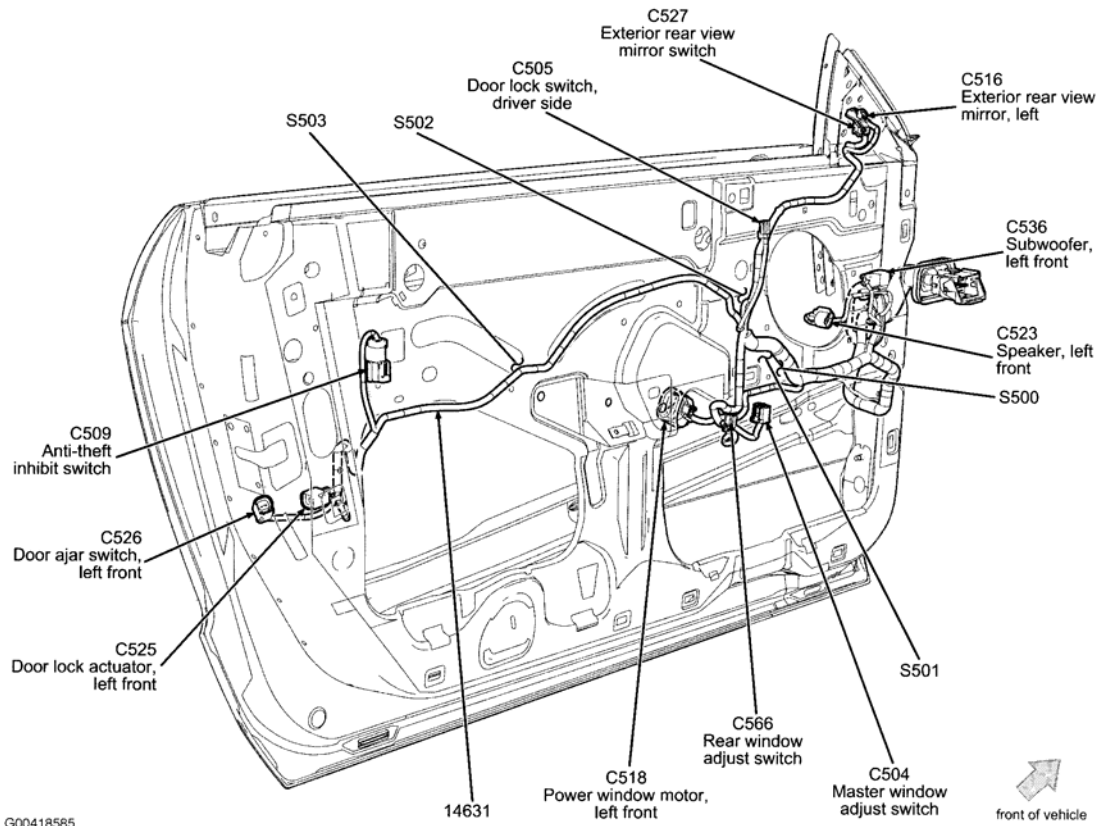


Fig. 24: Passenger's Seat
Courtesy of FORD MOTOR CO.

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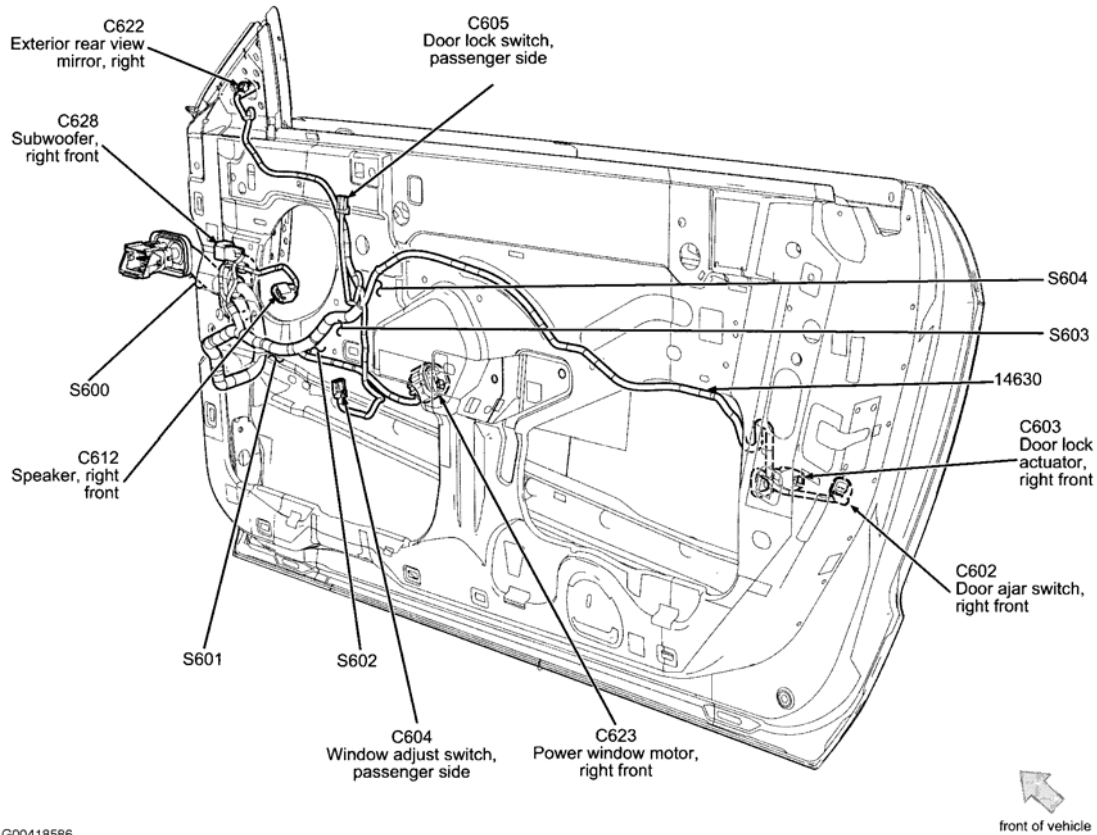


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Fig. 25: Driver's Door
Courtesy of FORD MOTOR CO.

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Fig. 26: Passenger's Door
Courtesy of FORD MOTOR CO.

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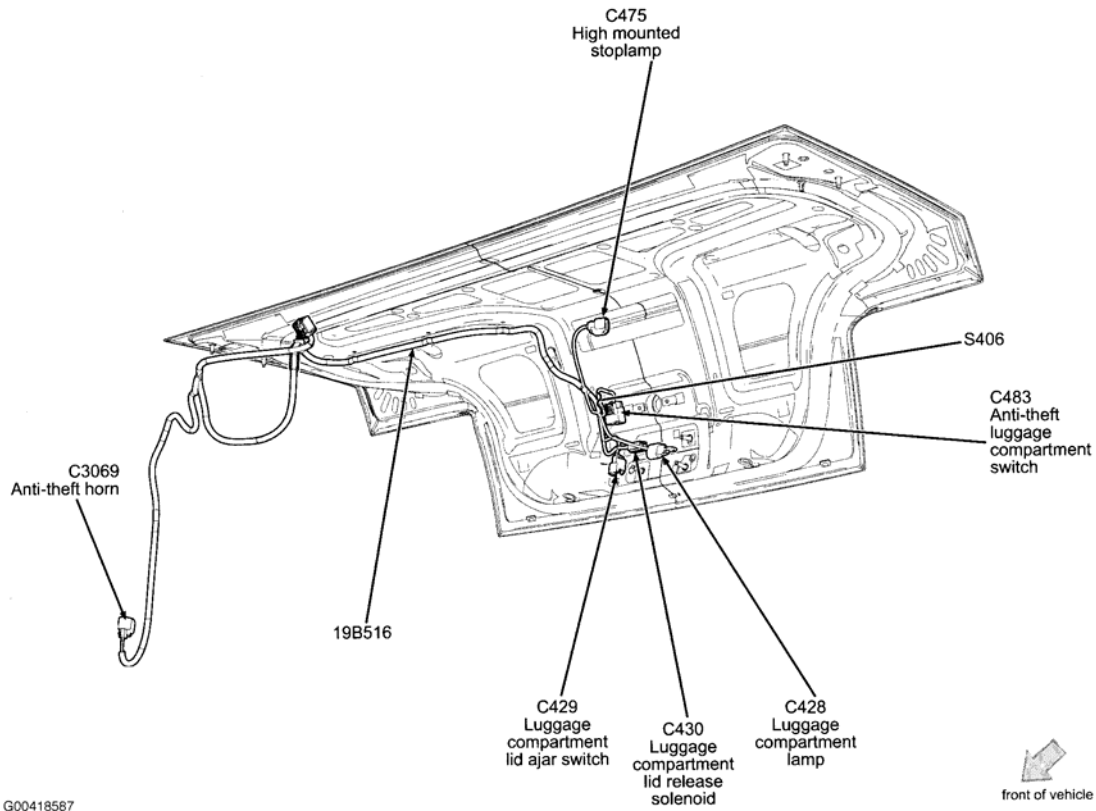


Fig. 27: Trunk Lid
Courtesy of FORD MOTOR CO.

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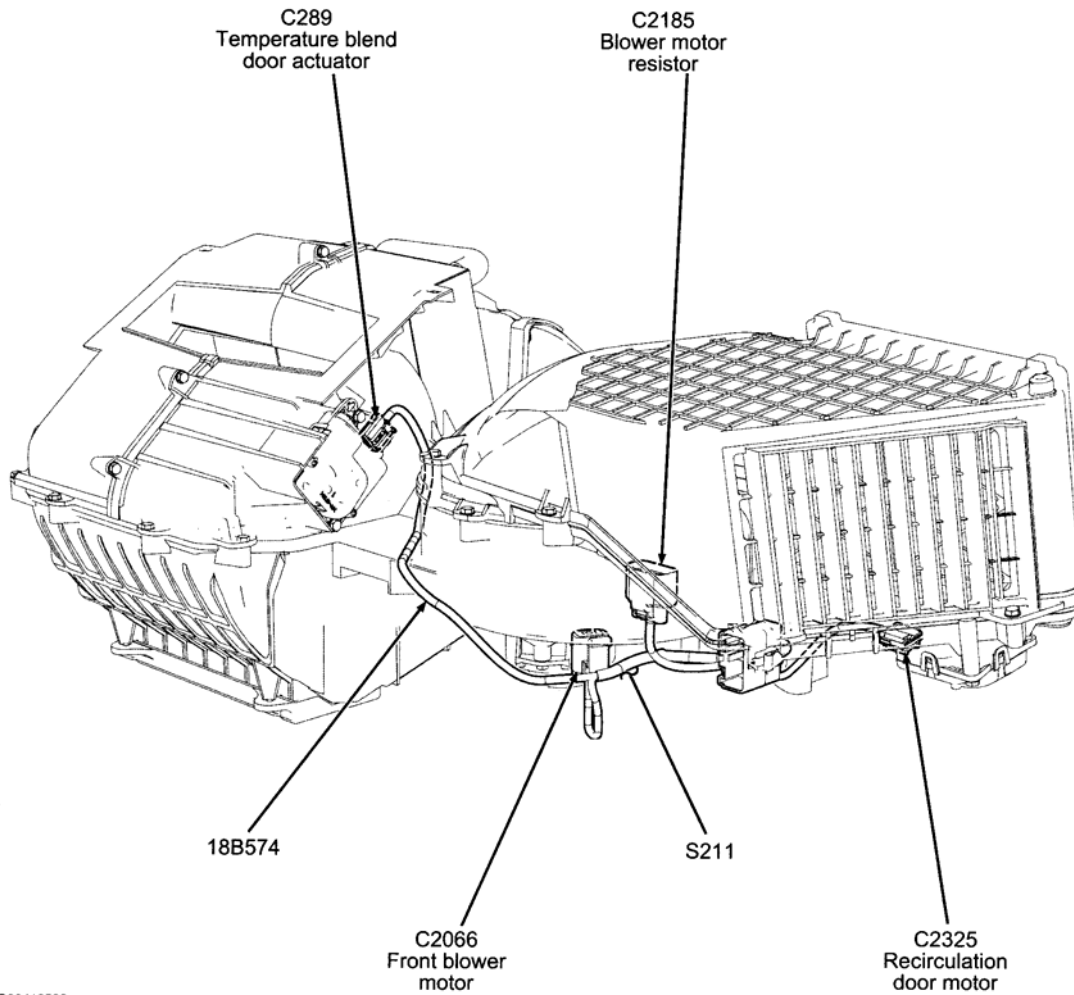


Fig. 28: Evaporator Assembly
Courtesy of FORD MOTOR CO.

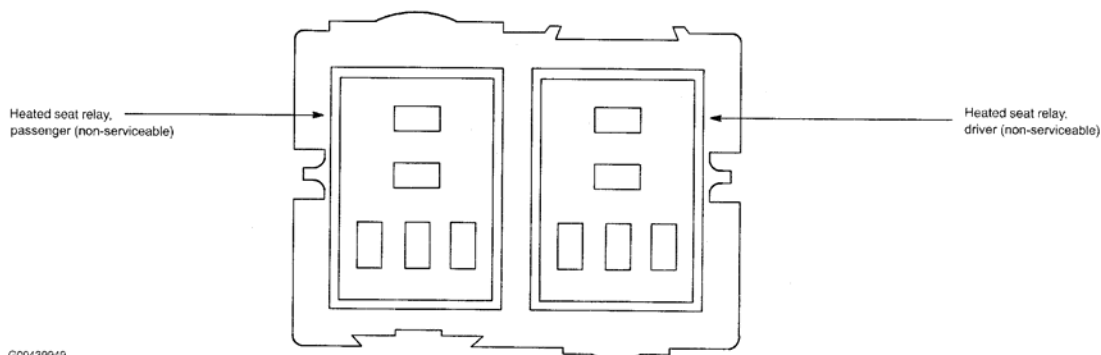


Fig. 29: Heated Seat Relay Box
Courtesy of FORD MOTOR CO.

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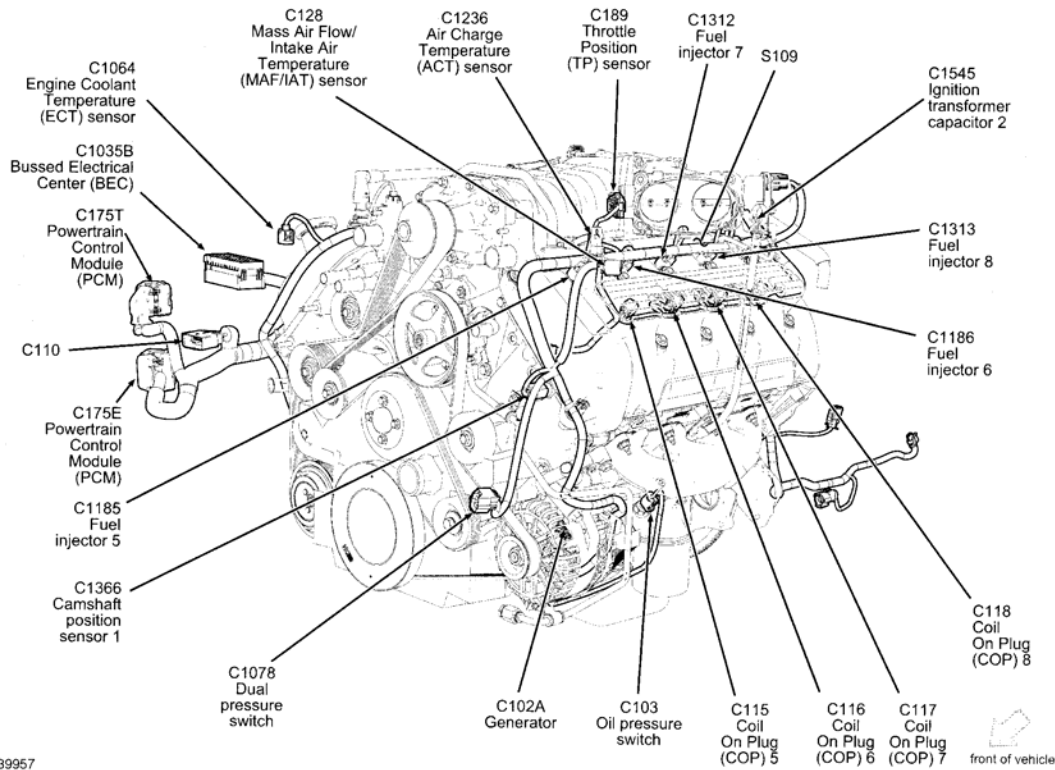


Fig. 30: Left Front Of Engine (5.4L)
Courtesy of FORD MOTOR CO.

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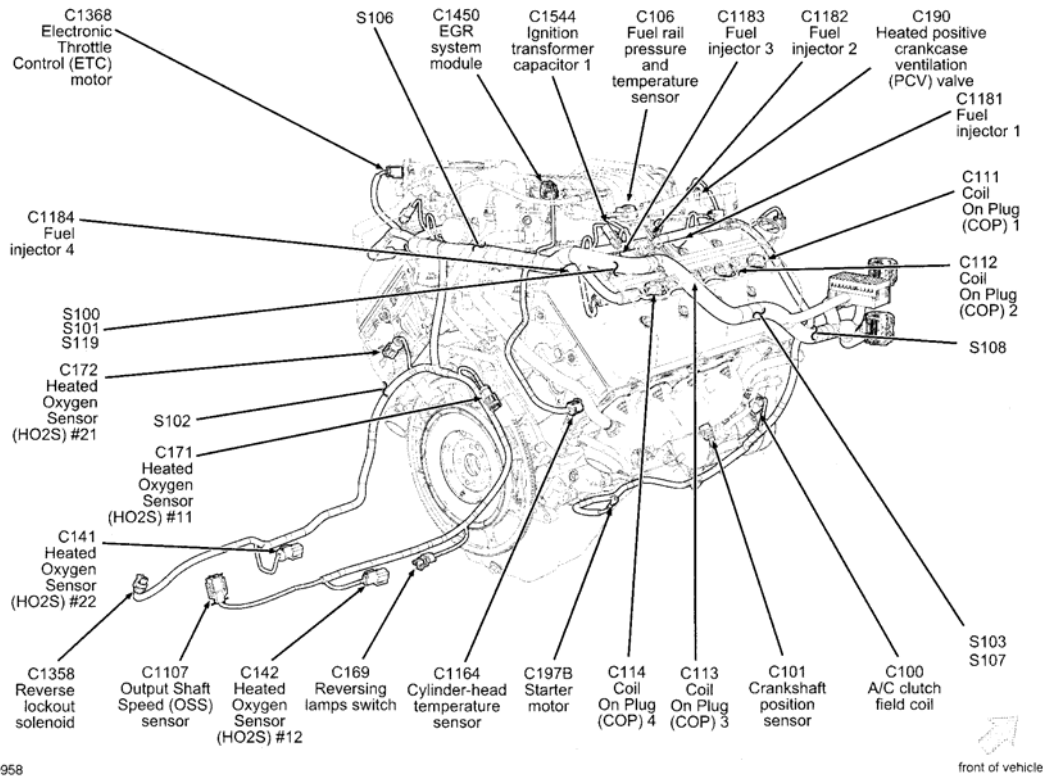


Fig. 31: Right Rear Of Engine (5.4L)
Courtesy of FORD MOTOR CO.

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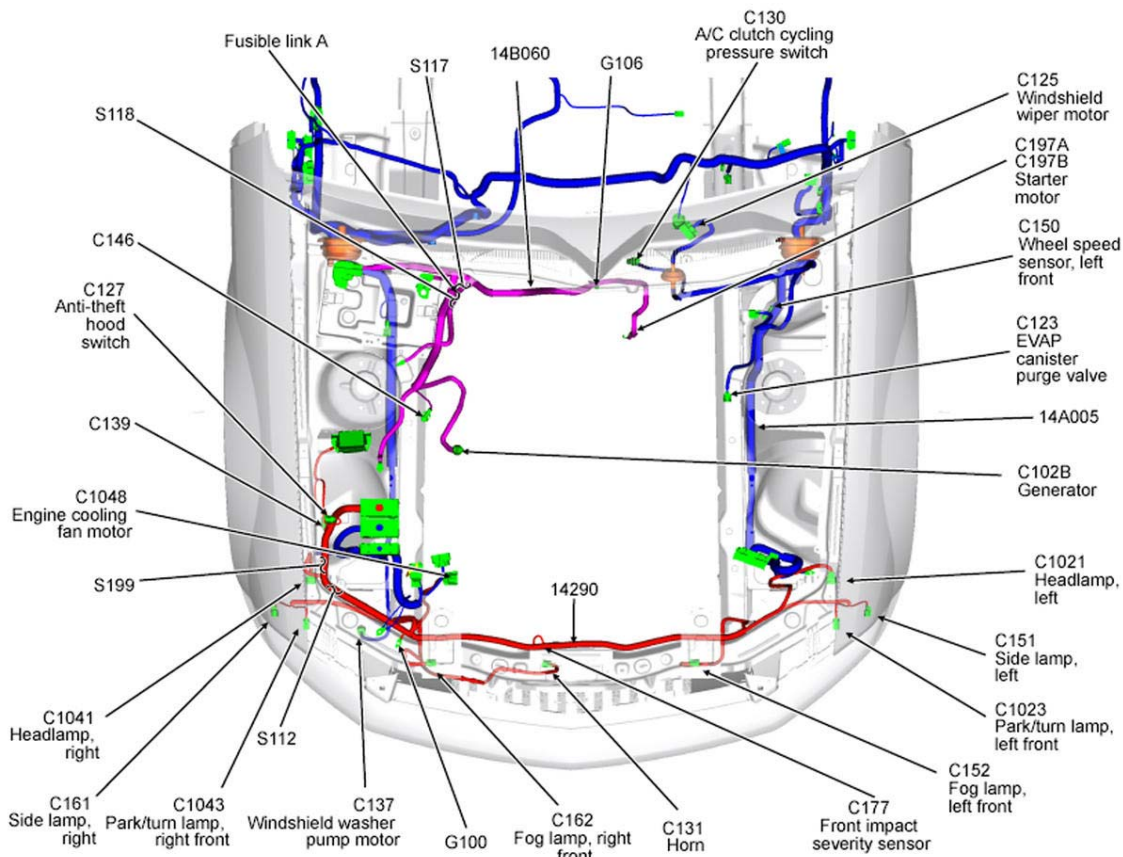


Fig. 32: Engine Compartment
Courtesy of FORD MOTOR CO.

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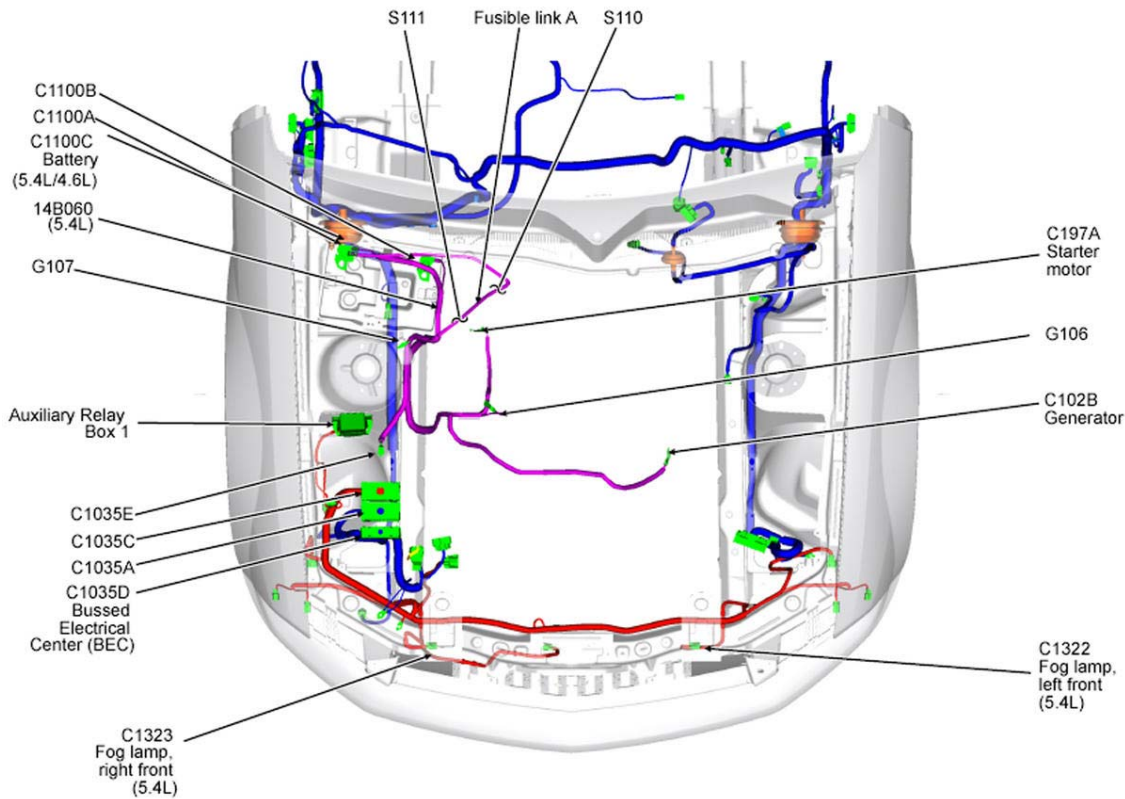


Fig. 33: Engine Compartment
Courtesy of FORD MOTOR CO.

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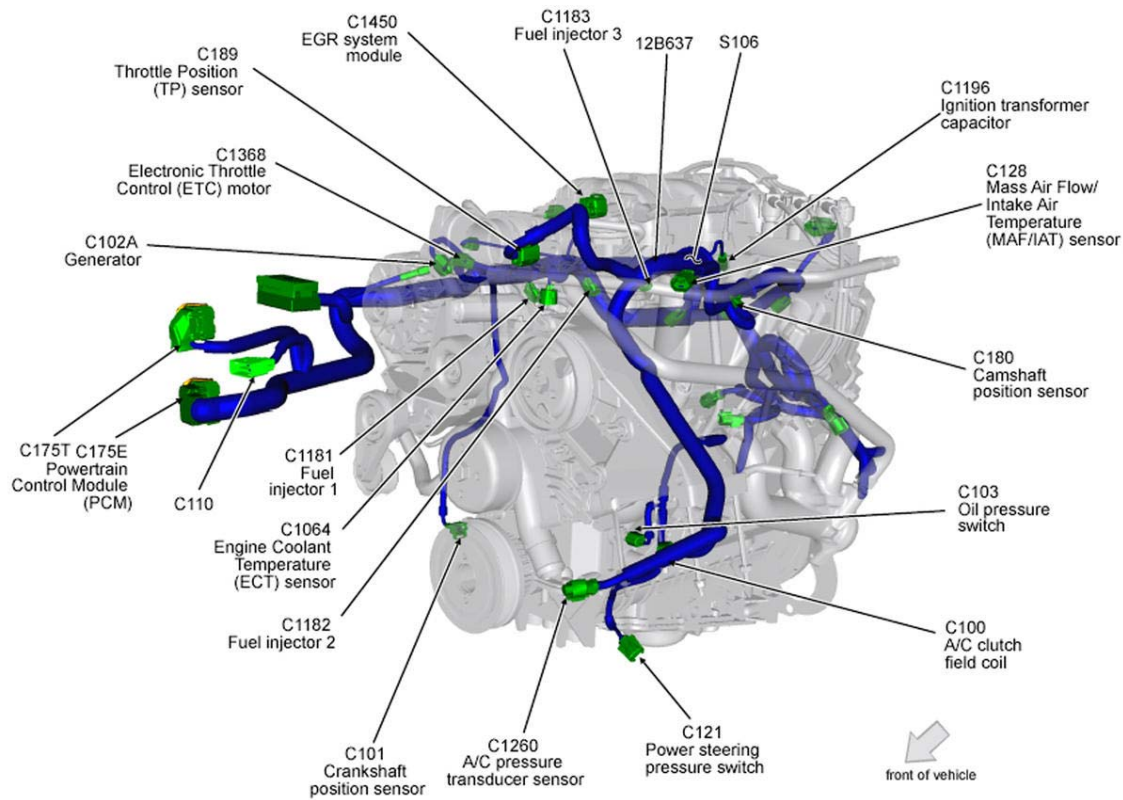


Fig. 34: Engine (4.0L)

Courtesy of FORD MOTOR CO.

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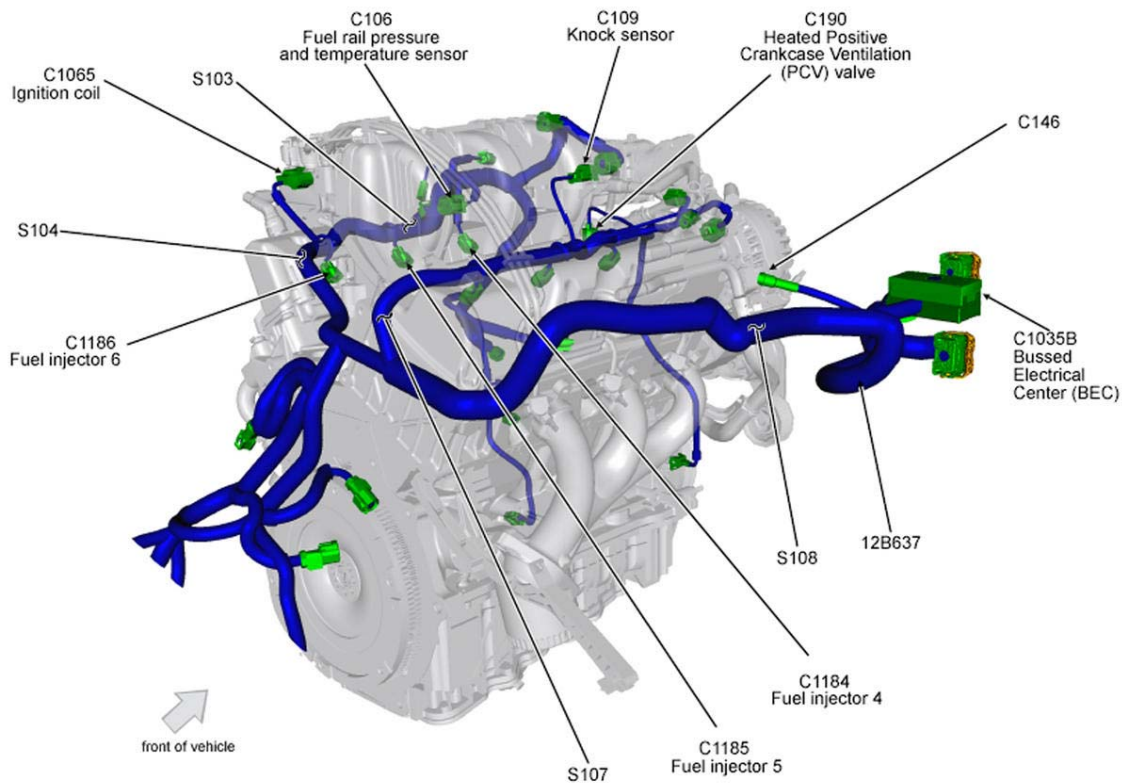


Fig. 35: Engine (4.0L)
Courtesy of FORD MOTOR CO.

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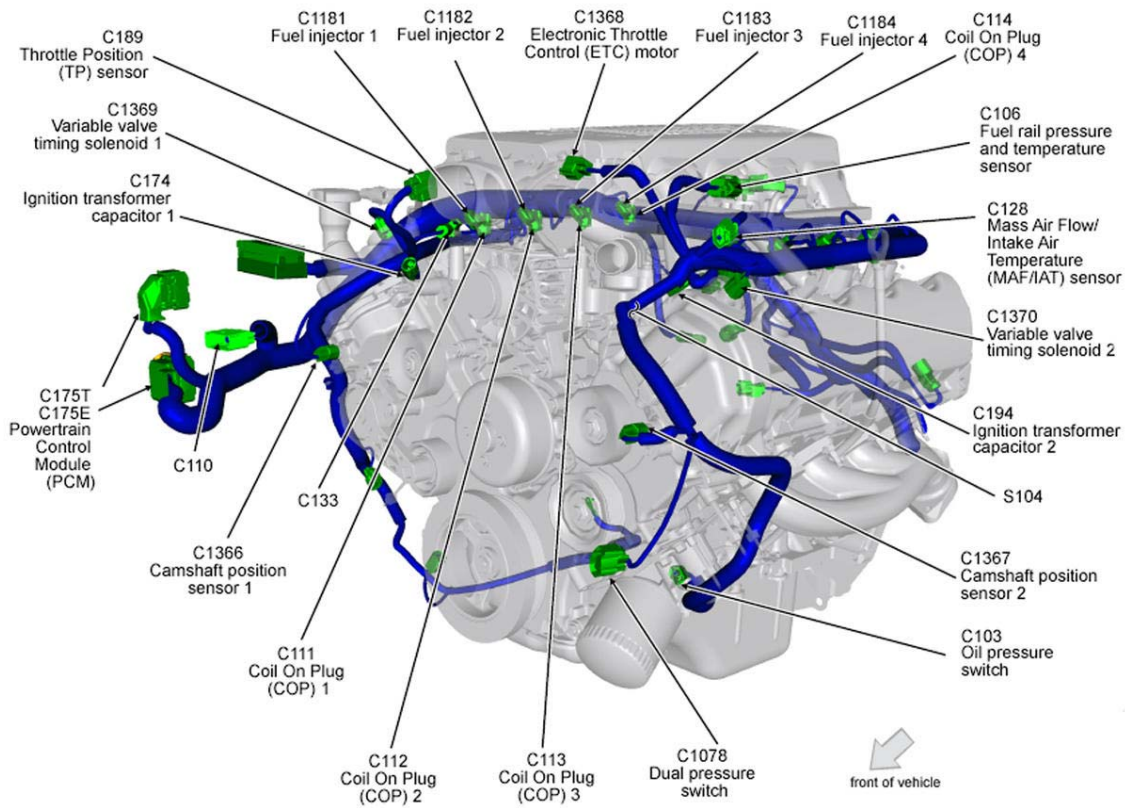


Fig. 36: Engine (4.6L)
Courtesy of FORD MOTOR CO.

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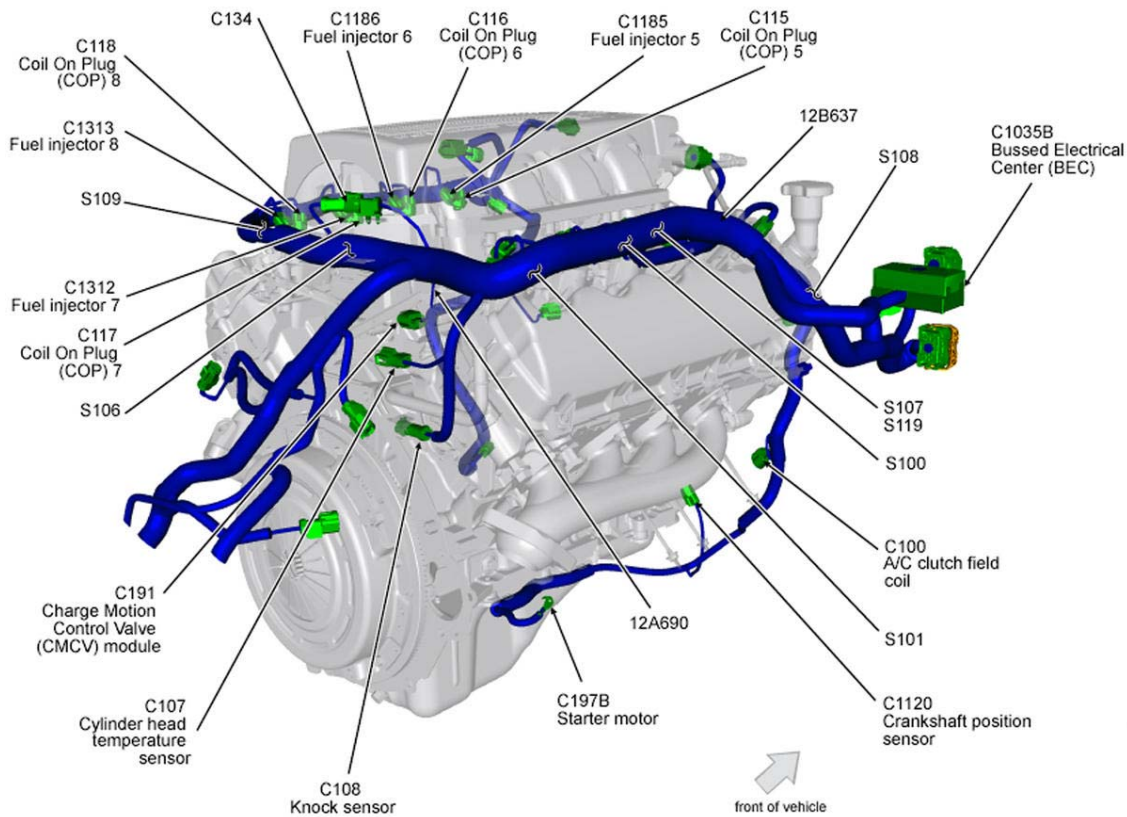


Fig. 37: Engine (4.6L)

Courtesy of FORD MOTOR CO.

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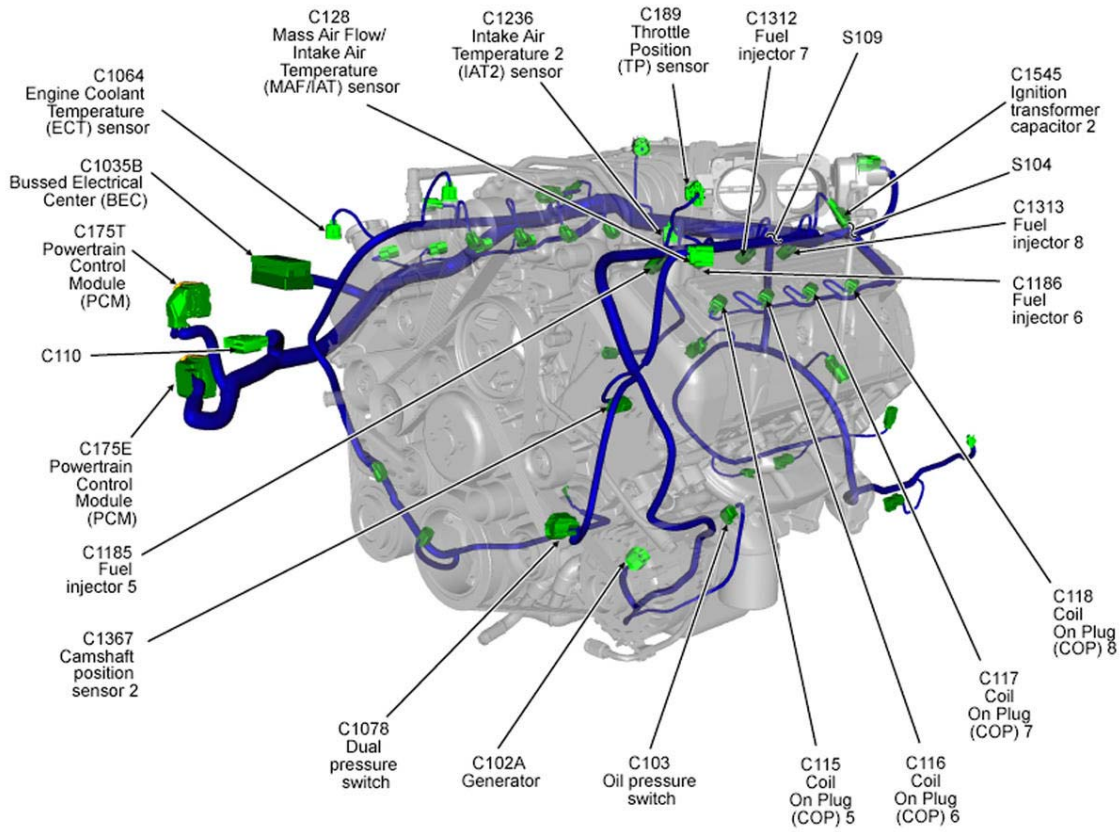


Fig. 38: Engine (5.4L)

Courtesy of FORD MOTOR CO.

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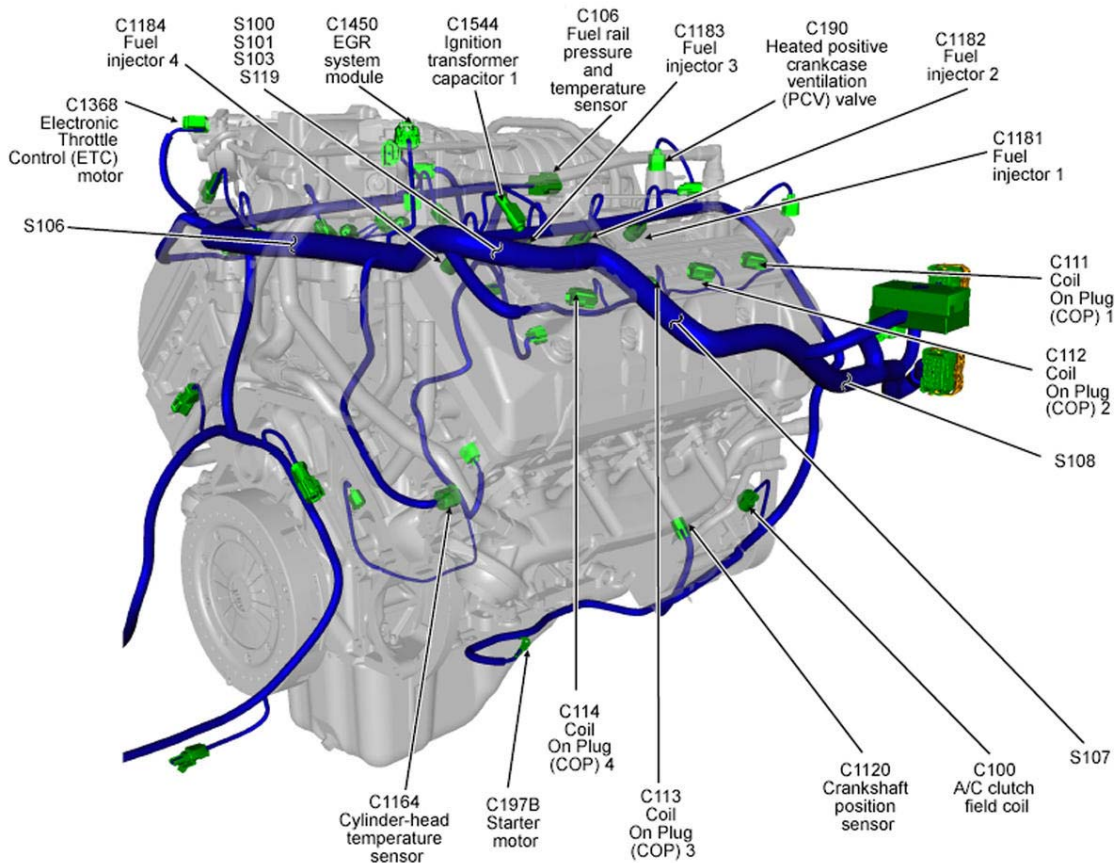


Fig. 39: Right Rear Of Engine
Courtesy of FORD MOTOR CO.

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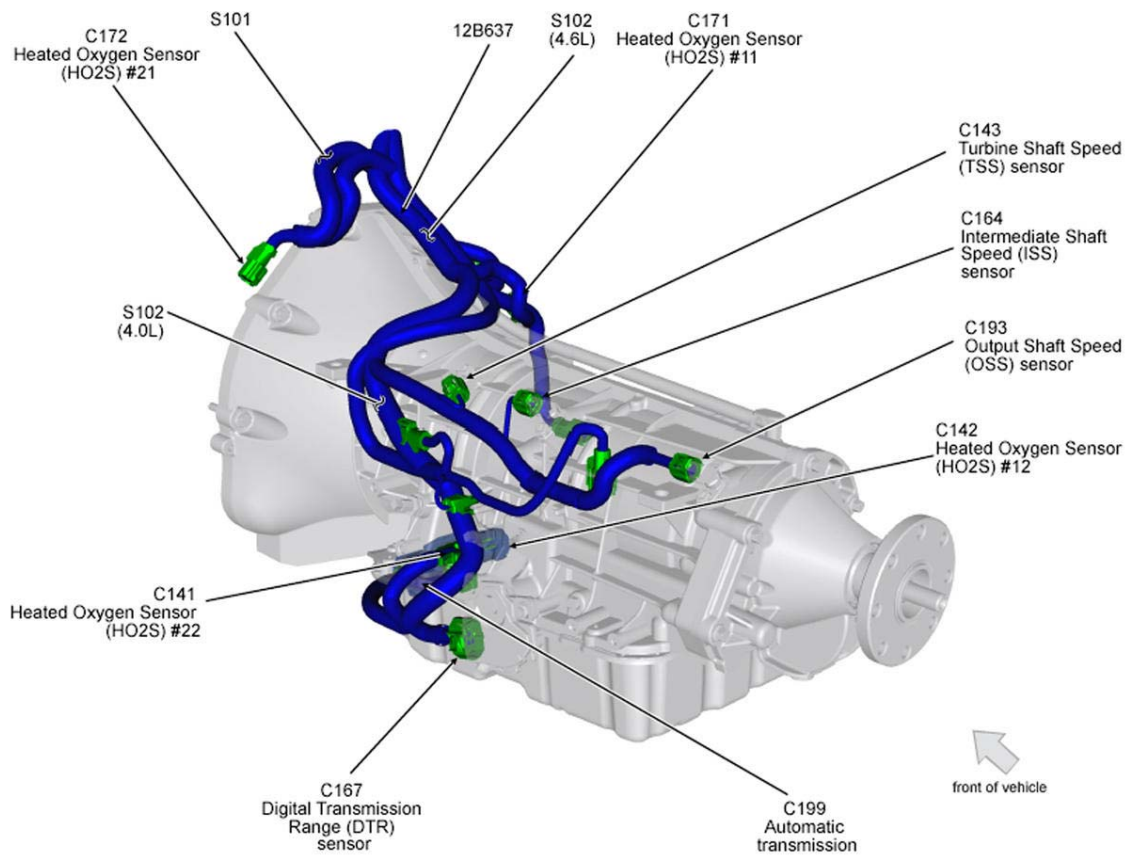


Fig. 40: Automatic Transmission
Courtesy of FORD MOTOR CO.

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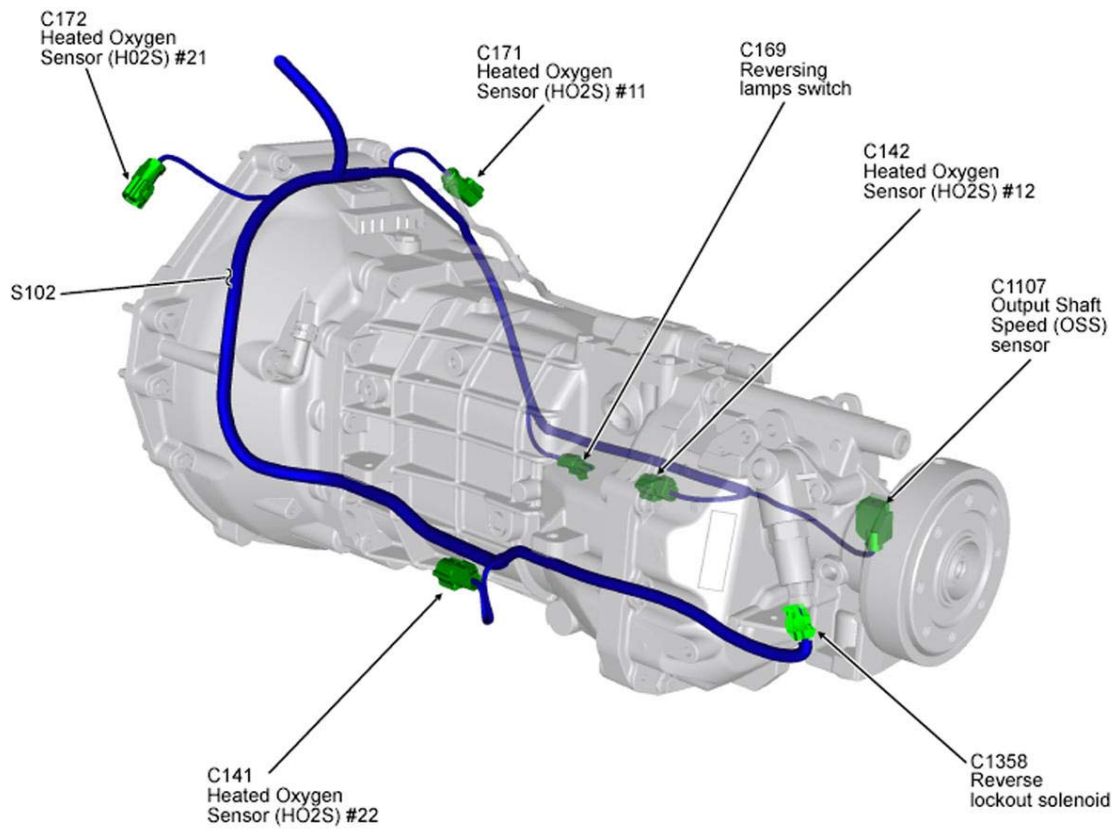


Fig. 41: Automatic Transmission
Courtesy of FORD MOTOR CO.

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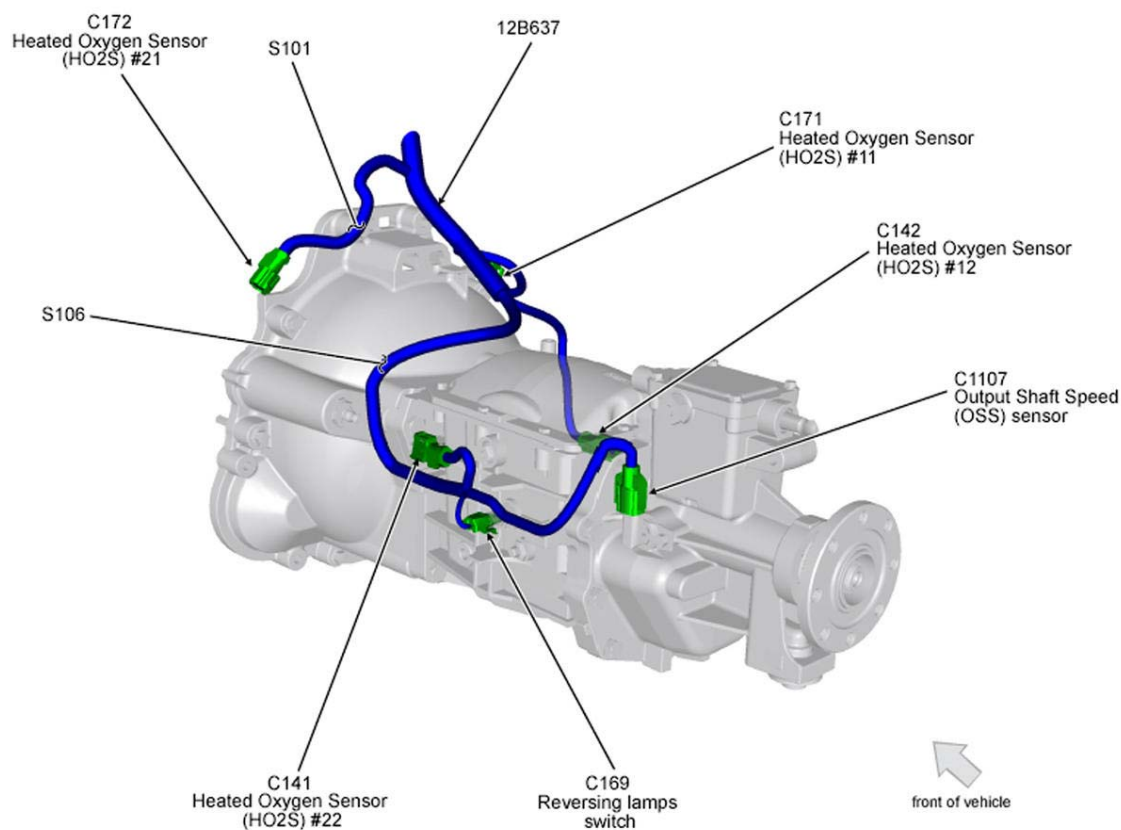


Fig. 42: Manual Transmission (T5)
Courtesy of FORD MOTOR CO.

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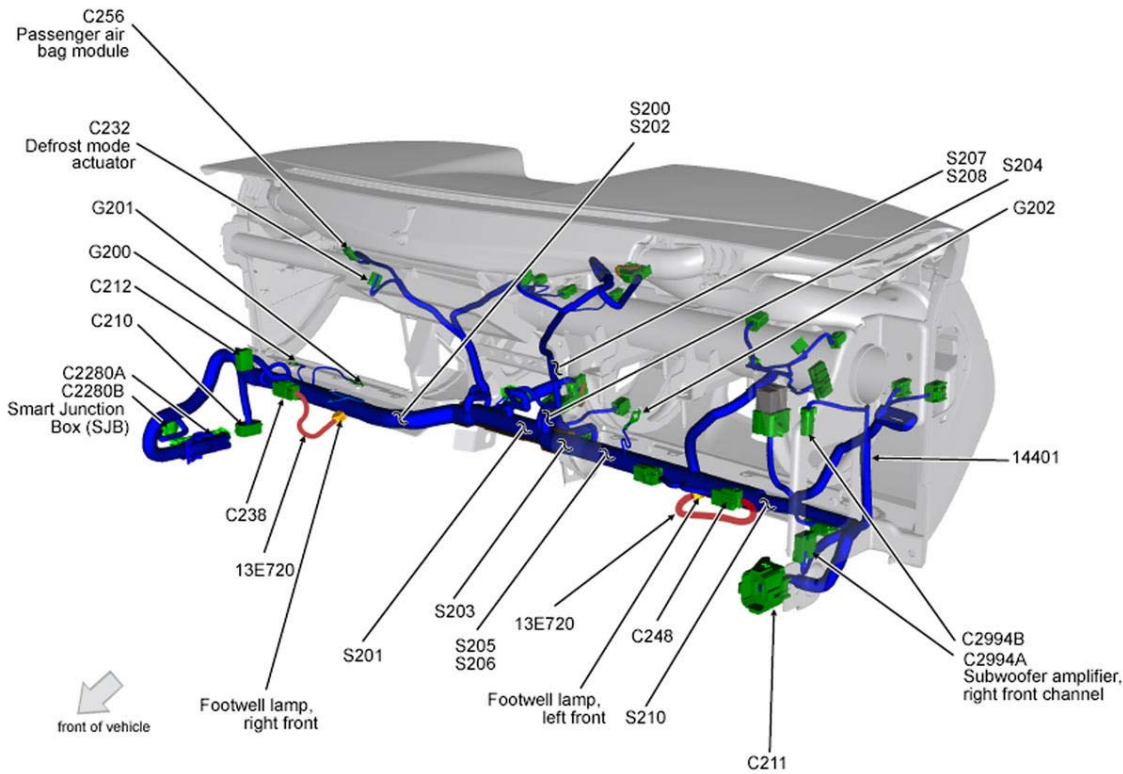


Fig. 43: Rear Of Instrument Panel
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

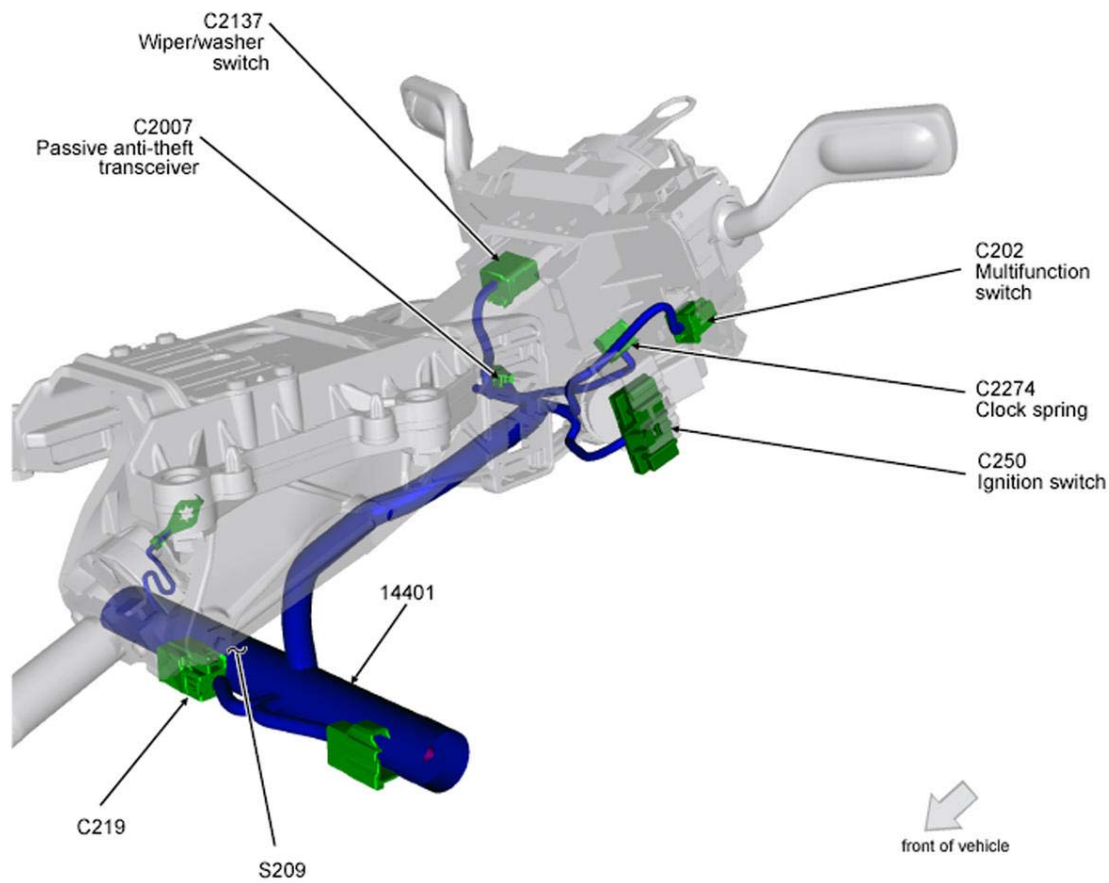


Fig. 44: Steering Column
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

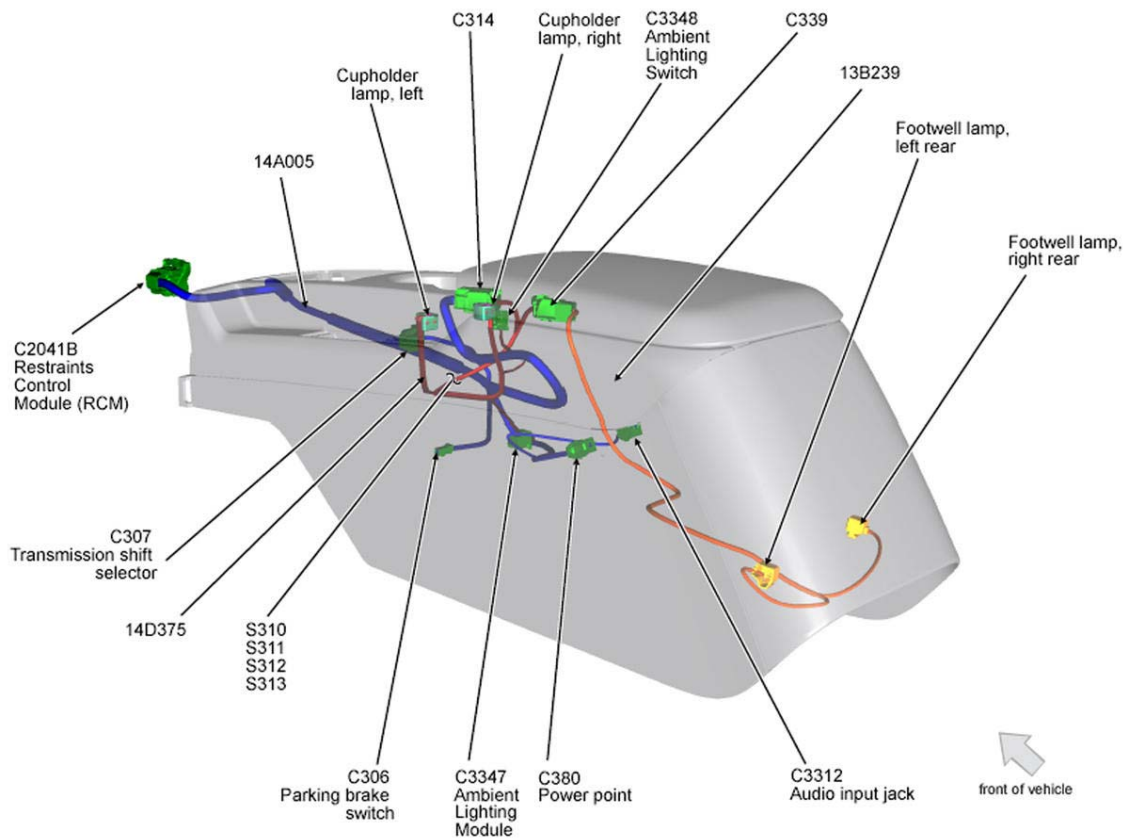


Fig. 45: Floor Console

Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

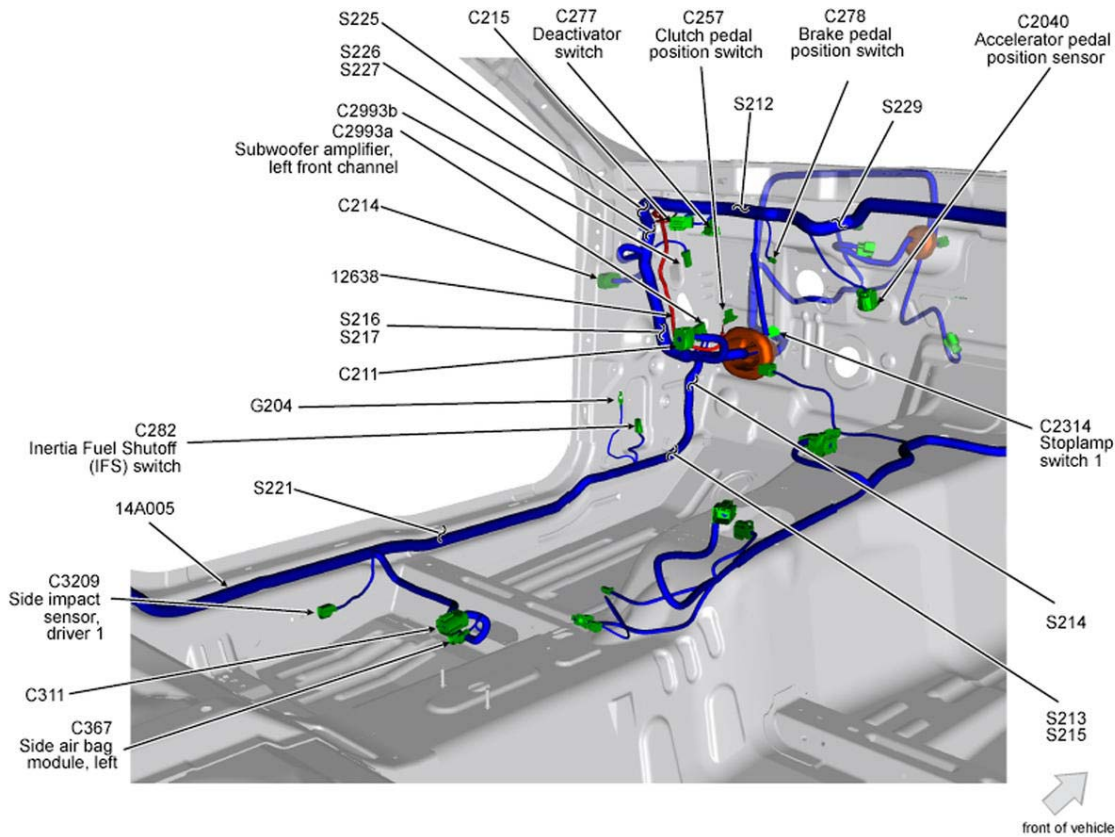


Fig. 46: Left Front Of Engine Compartment
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

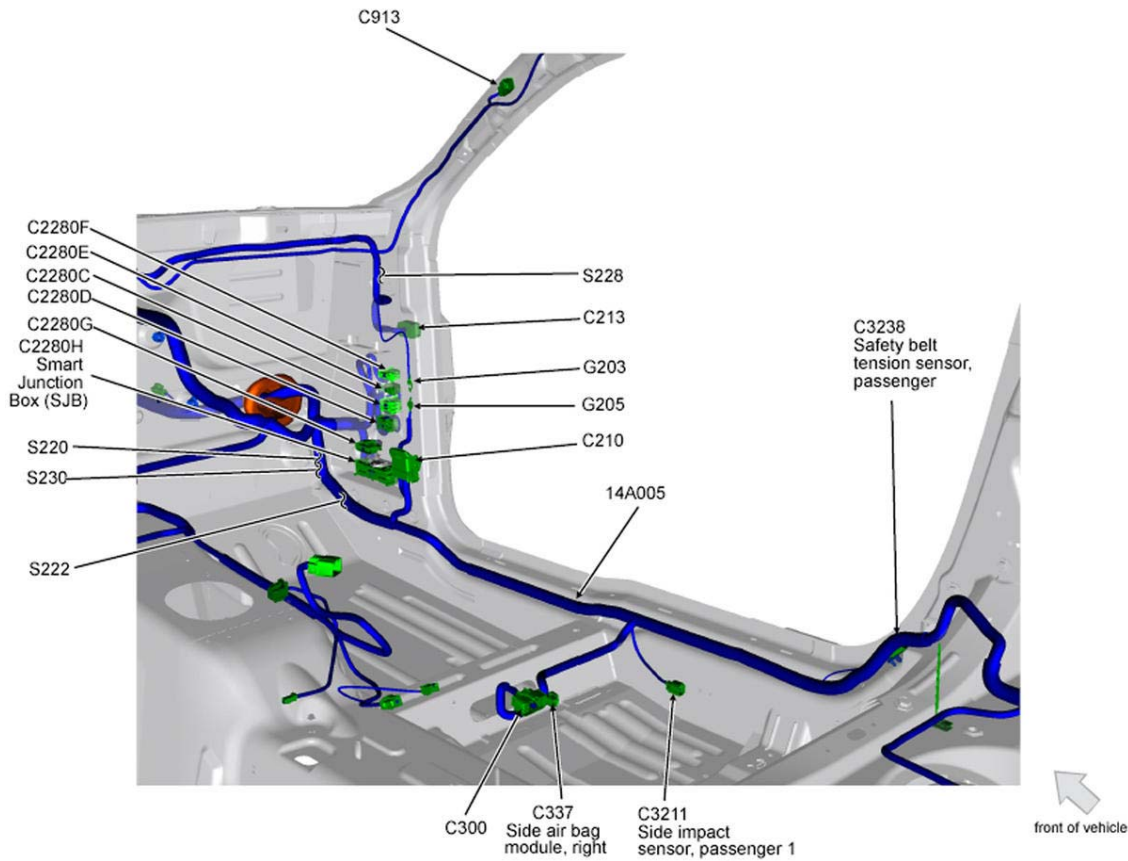


Fig. 47: Right Front Of Passenger Compartment
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

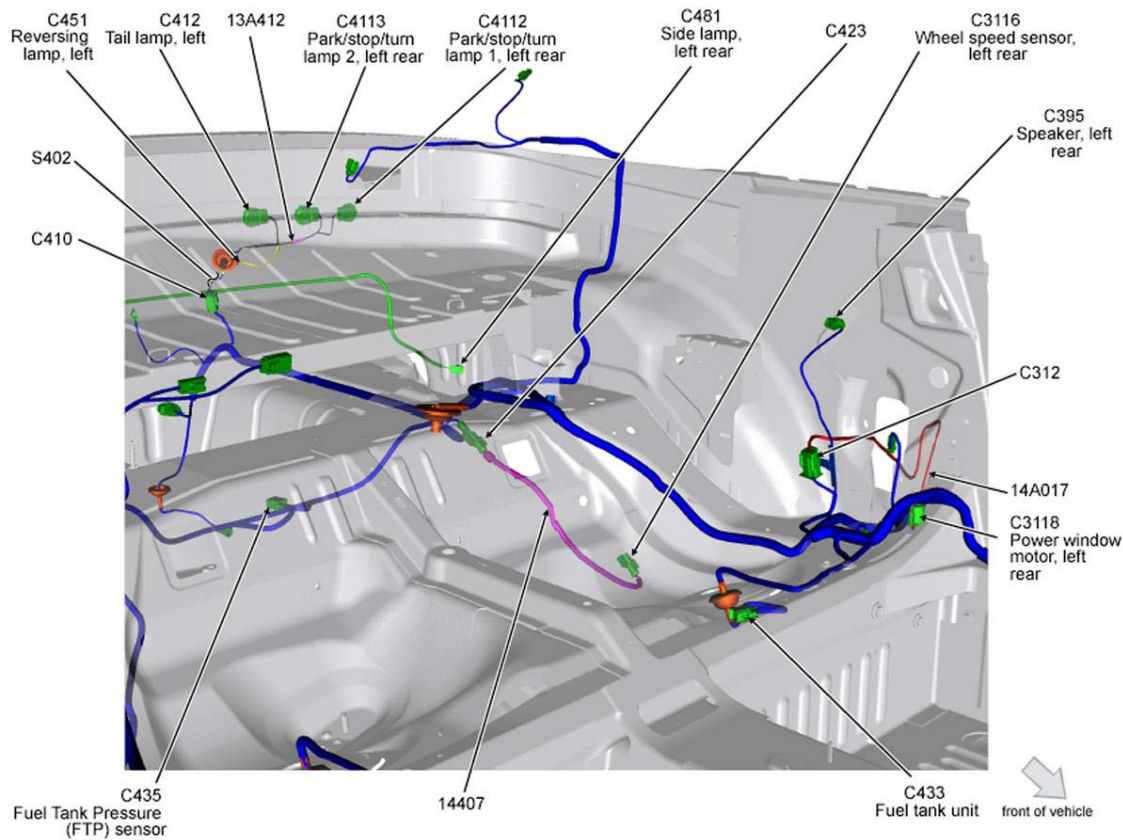


Fig. 48: Rear Passenger Compartment
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

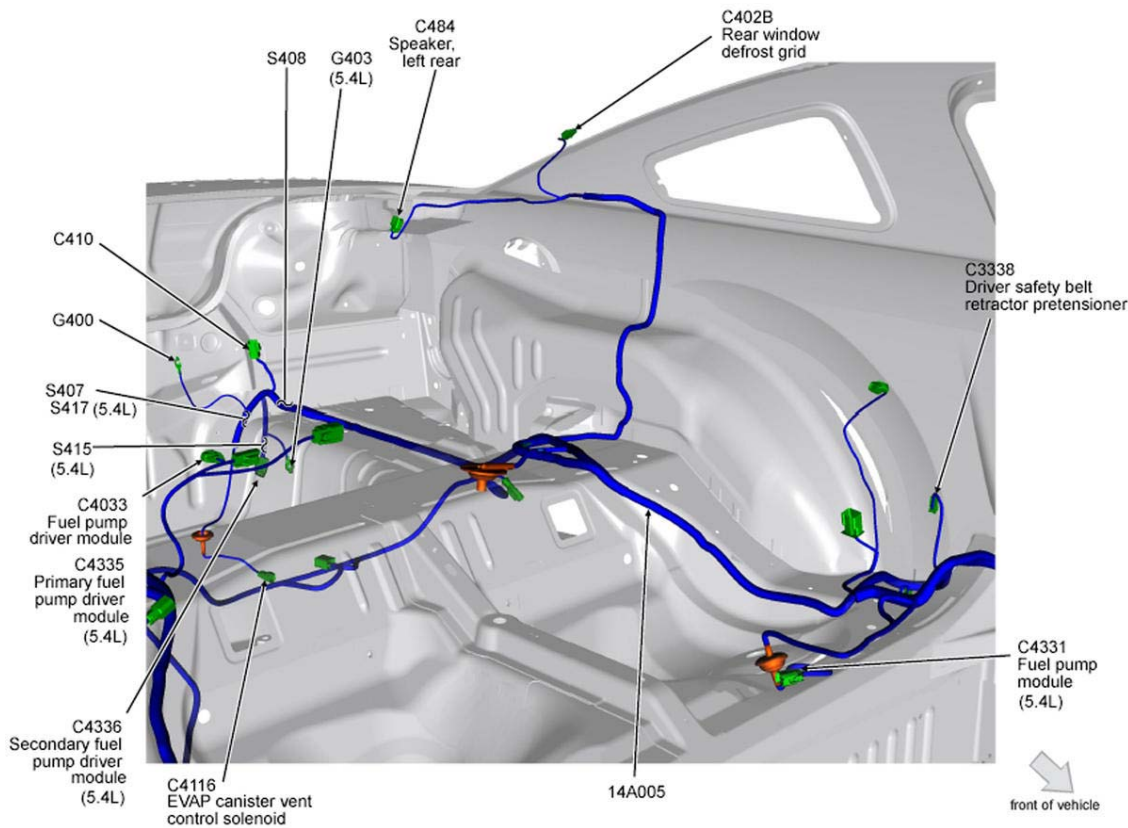


Fig. 49: Right Rear Of Passenger Compartment
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

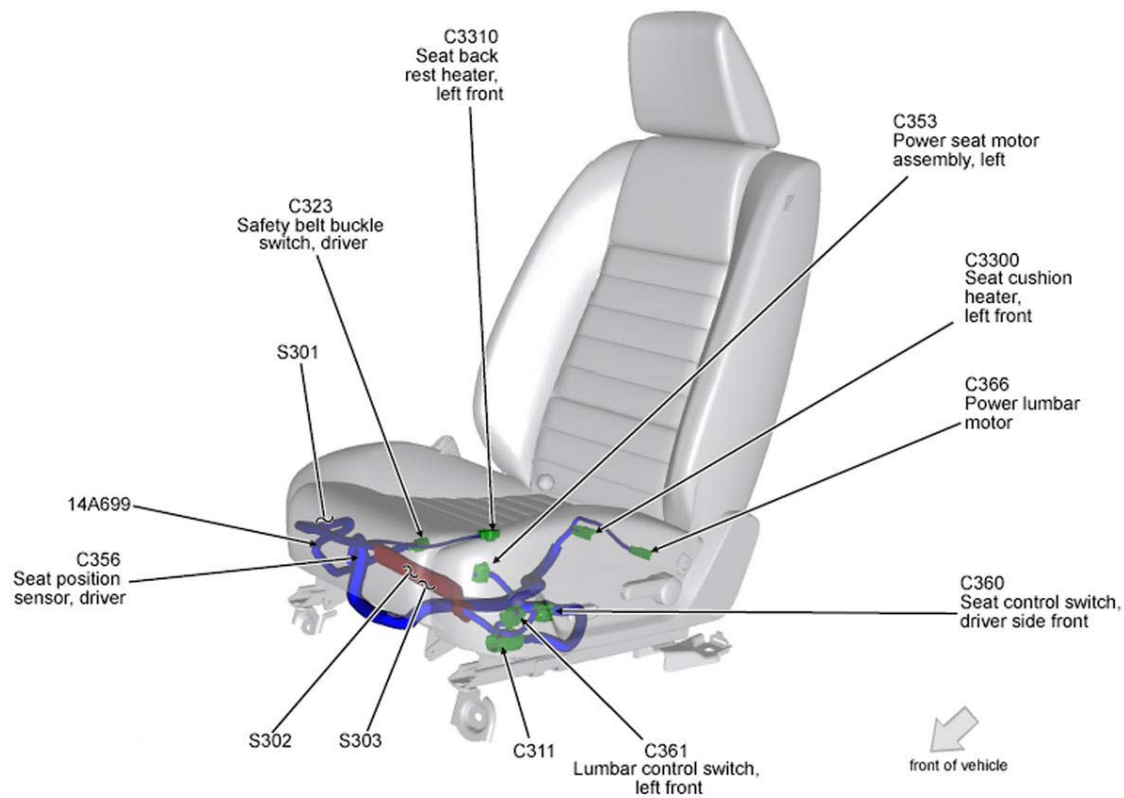


Fig. 50: Driver Seat
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

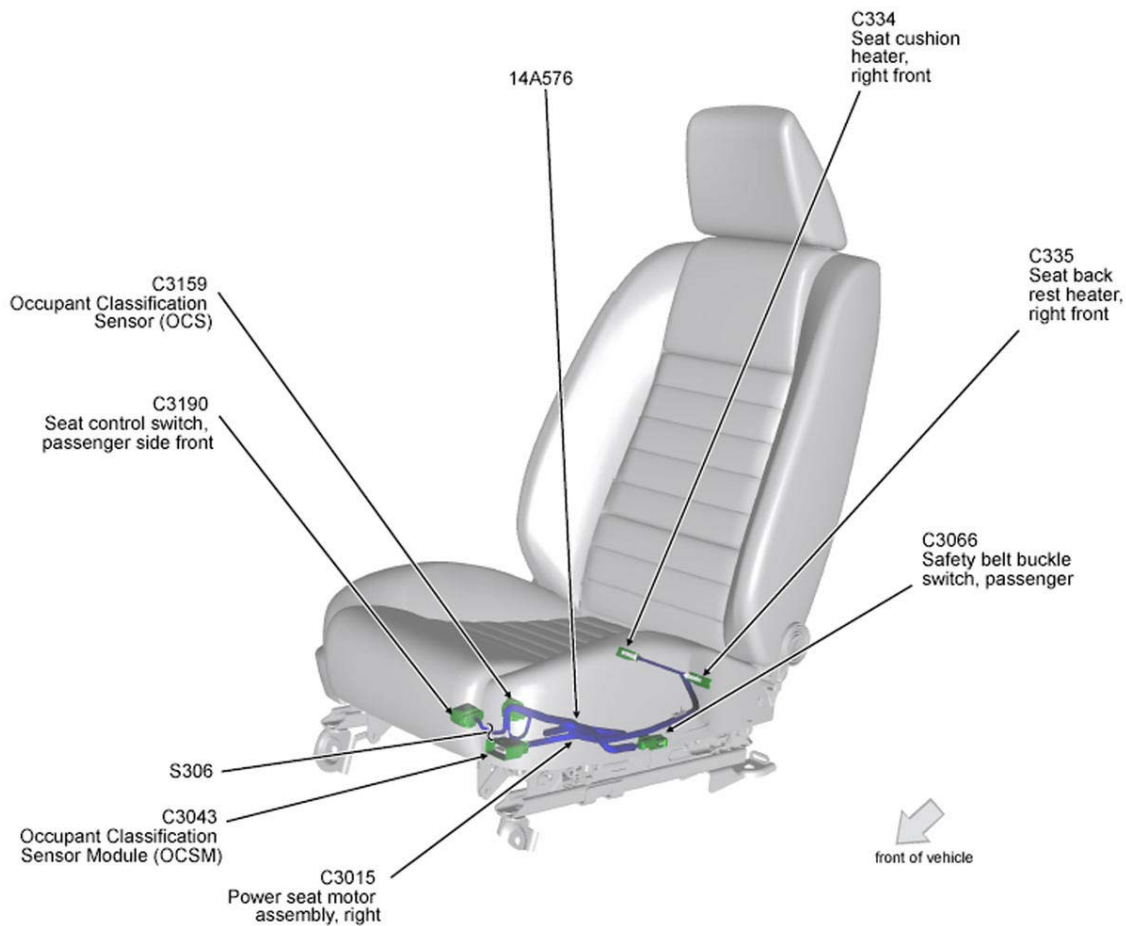


Fig. 51: Passenger Seat
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

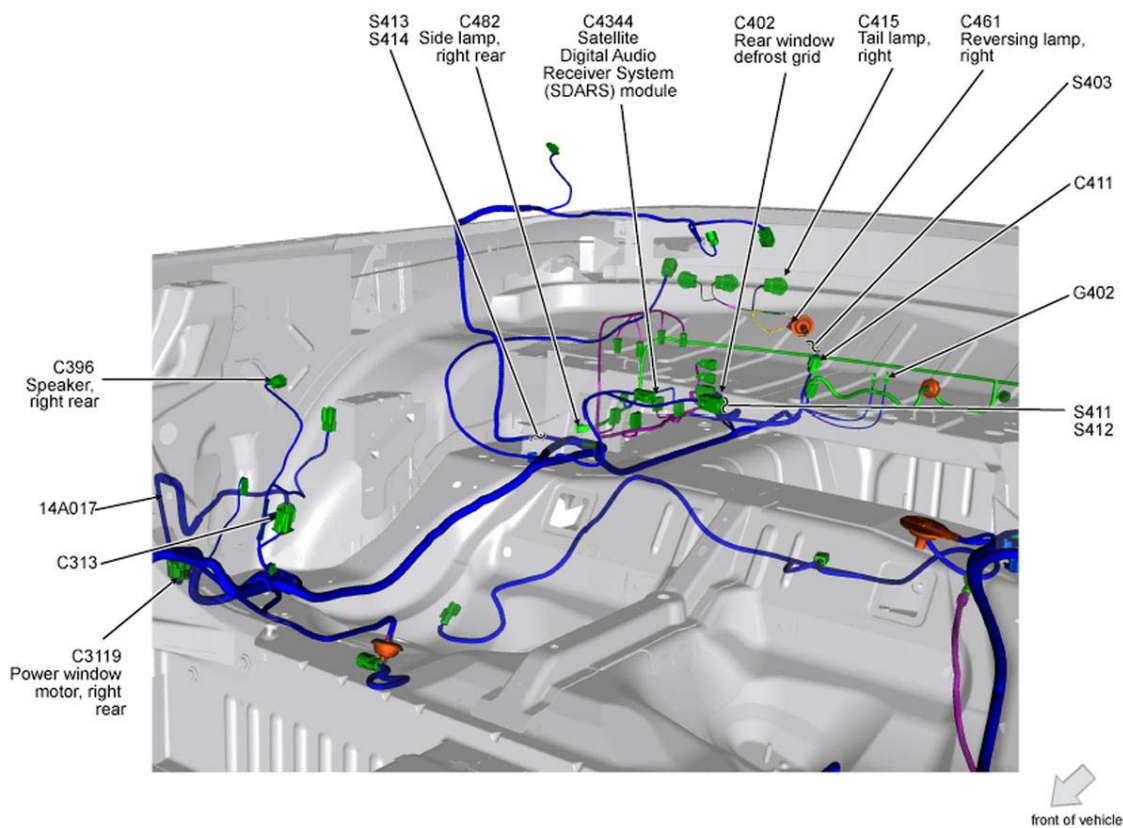


Fig. 52: Rear Passenger Compartment
Courtesy of FORD MOTOR CO.

2008 Ford Mustang

2008 FORD MOTOR CO. Mustang

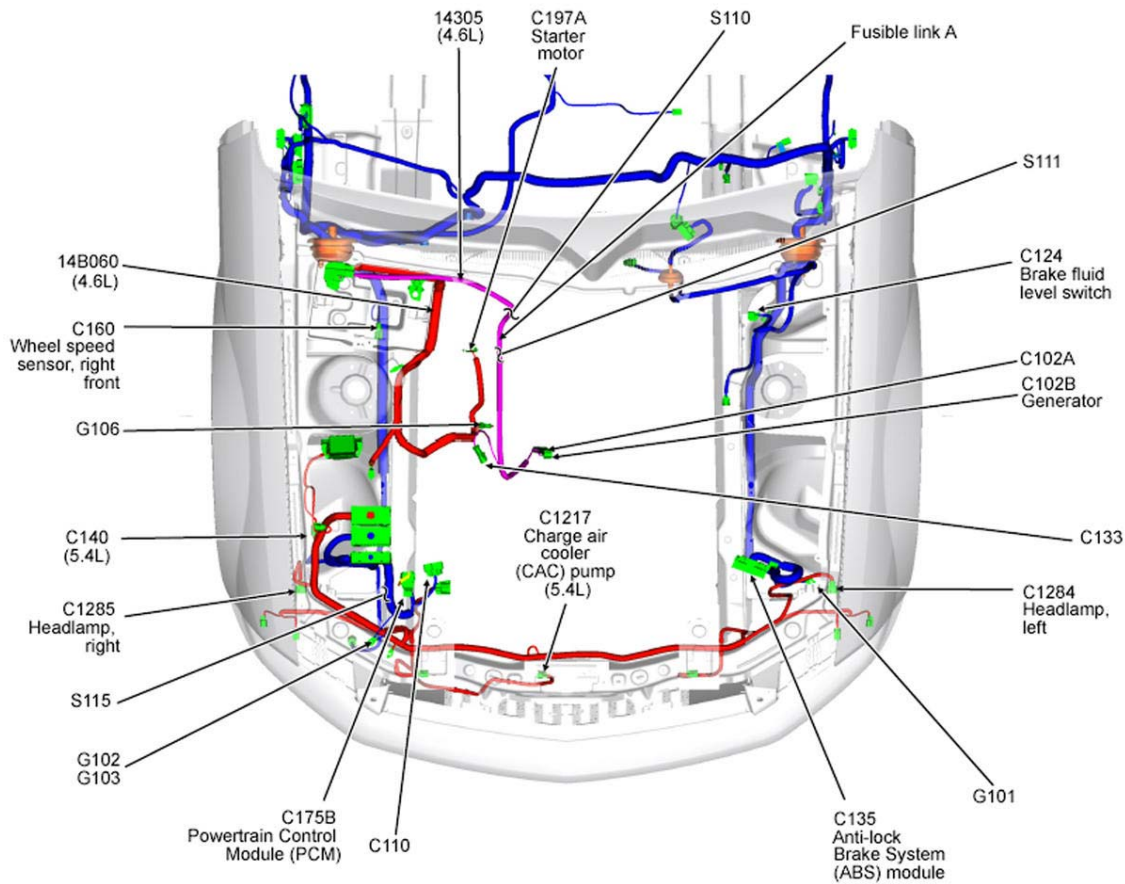


Fig. 53: Engine Compartment
Courtesy of FORD MOTOR CO.