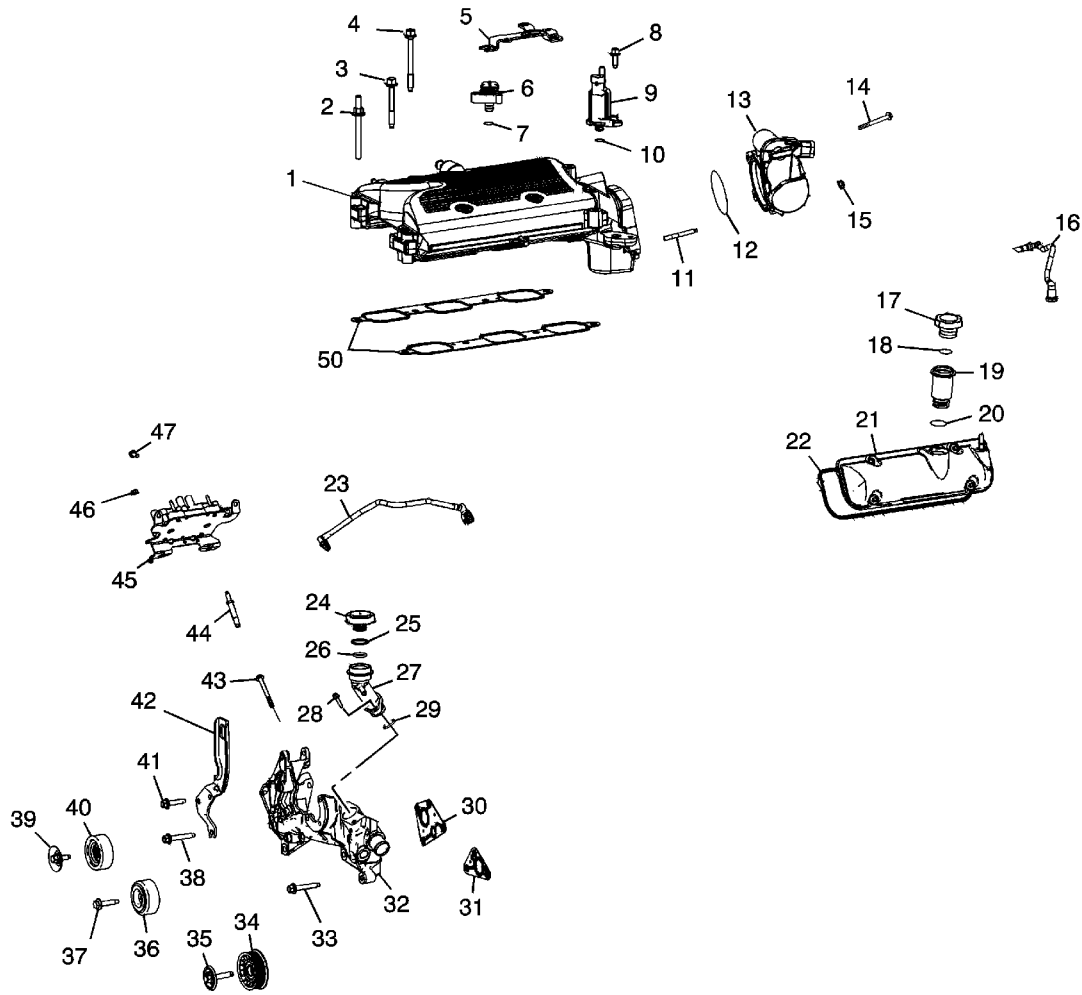


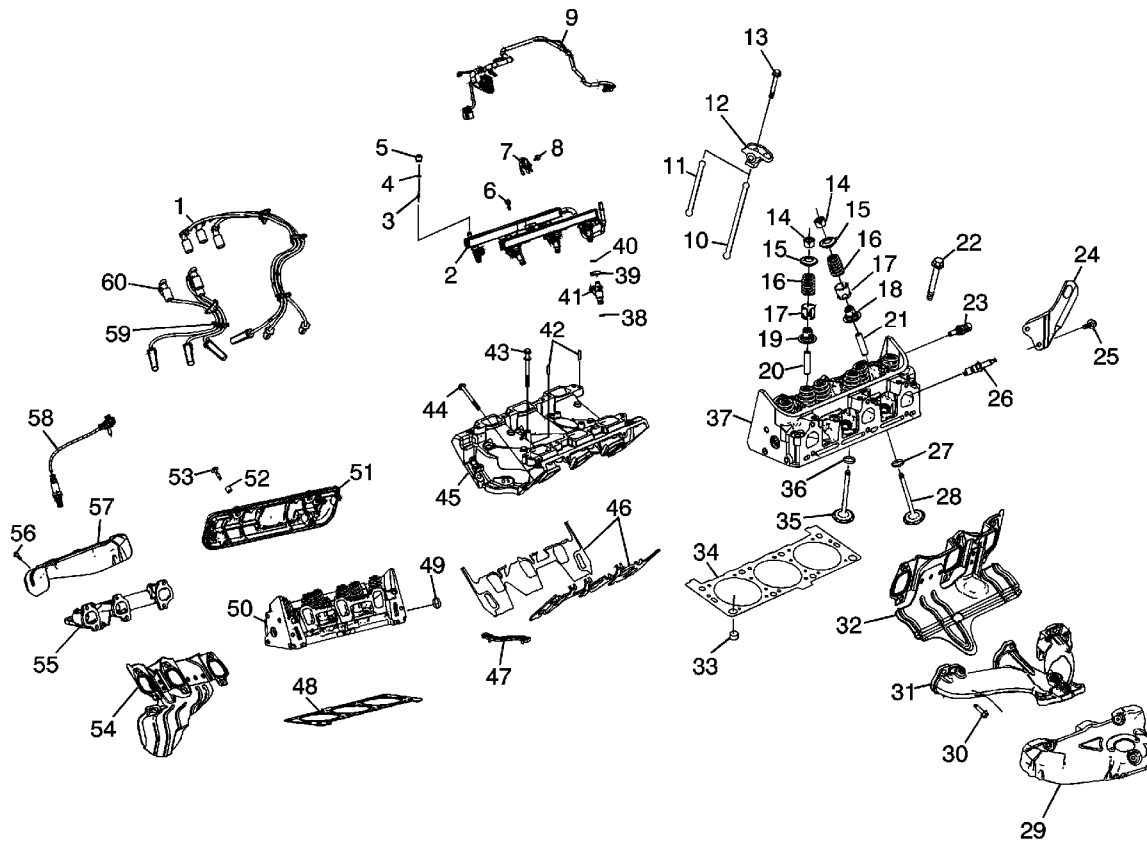
Upper Intake Manifold and Components



- (1) Upper Intake Manifold
- (2) Upper Intake Manifold Stud
- (3) Upper Intake Manifold Bolt
- (4) Upper Intake Manifold Bolt
- (5) Manifold Absolute Pressure Sensor Bracket
- (6) Manifold Absolute Pressure Sensor
- (7) Manifold Absolute Pressure Sensor Seal
- (8) Evaporative Emission Canister Purge Solenoid Valve Bolt
- (9) Evaporative Emission Canister Purge Solenoid Valve
- (10) Evaporative Emission Canister Purge Solenoid Valve Seal
- (11) Throttle Body Stud

- (14) Throttle Body Bolt
- (15) Throttle Body Nut
- (16) Positive Crankcase Ventilation Tube
- (17) Oil Filler Cap
- (18) Oil Filler Cap Seal
- (19) Oil Filler Tube
- (20) Oil Filler Tube Seal
- (21) Valve Rocker Arm Cover
- (22) Valve Rocker Arm Cover Gasket
- (23) Positive Crankcase Ventilation Tube
- (24) Engine Coolant Filler Cap
- (25) Engine Coolant Filler Tube Adapter Seal
- (26) Engine Coolant Filler Tube Adapter Seal
- (27) Engine Coolant Filler Tube Adapter
- (28) Engine Coolant Filler Tube Adapter Bolt
- (29) Engine Coolant Filler Tube Adapter Seal
- (30) Engine Coolant Crossover Pipe Gasket
- (31) Engine Coolant Crossover Pipe Gasket
- (32) Engine Coolant Crossover Pipe
- (33) Engine Coolant Crossover Pipe Bolt
- (34) Belt Idler Pulley
- (35) Belt Idler Pulley Bolt
- (36) Belt Idler Pulley
- (37) Belt Idler Pulley Bolt
- (38) Engine Lift Front Bracket Bolt
- (39) Belt Idler Pulley Bolt
- (40) Belt Idler Pulley
- (41) Engine Lift Front Bracket Bolt
- (42) Engine Lift Front Bracket
- (43) Water Outlet Bolt
- (44) Ignition Coil Stud
- (45) Ignition Coil
- (46) Ignition Coil Nut
- (47) Ignition Coil Bolt
- (50) Upper Intake Manifold Gasket

Lower Intake Manifold, Cylinder Head, and Components



- (1) Spark Plug Wire Harness
- (2) Sequential Multiport Fuel Injection Fuel Rail
- (3) Fuel Schrader Valve
- (4) Fuel Pressure Service Valve Cap Seal
- (5) Fuel Pressure Service Valve Cap
- (6) Fuel Injection Fuel Rail Bolt
- (7) Fuel Injector Wiring Harness Connector Bracket
- (8) Fuel Injector Wiring Harness Connector Bracket Bolt
- (9) Fuel Injector Wiring Harness
- (10) Valve Push Rod
- (11) Valve Push Rod

- (13) Valve Rocker Arm Bolt
- (14) Valve Stem Key
- (14) Valve Stem Key
- (15) Valve Spring Cap
- (15) Valve Spring Cap
- (16) Valve Spring
- (16) Valve Spring
- (17) Valve Spring Damper
- (17) Valve Spring Damper
- (18) Valve Stem Oil Seal
- (19) Valve Stem Oil Seal
- (20) Valve Guide
- (21) Valve Guide
- (22) Cylinder Head Bolt
- (23) Engine Coolant Temperature Sensor
- (24) Engine Lift Bracket - Rear
- (25) Engine Lift Bracket Bolt - Rear
- (26) Spark Plug
- (27) Exhaust Valve Seat
- (28) Exhaust Valve
- (29) Exhaust Manifold Heat Shield
- (30) Exhaust Manifold Bolt
- (31) Exhaust Manifold
- (32) Exhaust Manifold Gasket
- (33) Cylinder Head Location Pin
- (34) Cylinder Head Gasket
- (35) Intake Valve
- (36) Intake Valve Seat
- (37) Cylinder Head
- (38) Fuel Injector Seal
- (39) Fuel Injector Retainer
- (40) Fuel Injector Seal
- (41) Sequential Multiport Fuel Injector
- (42) Lower Intake Manifold Location Pin
- (43) Lower Intake Manifold Bolt
- (44) Lower Intake Manifold Bolt
- (45) Lower Intake Manifold
- (46) Lower Intake Manifold Gasket
- (47) Lower Intake Manifold Seal
- (48) Cylinder Head Gasket
- (49) Cylinder Head Core Hole Plug
- (50) Cylinder Head
- (51) Valve Rocker Arm Cover
- (52) Valve Rocker Arm Cover Bolt Grommet

(54) Exhaust Manifold Gasket

(55) Exhaust Manifold

(56) Exhaust Manifold Heat Shield Bolt

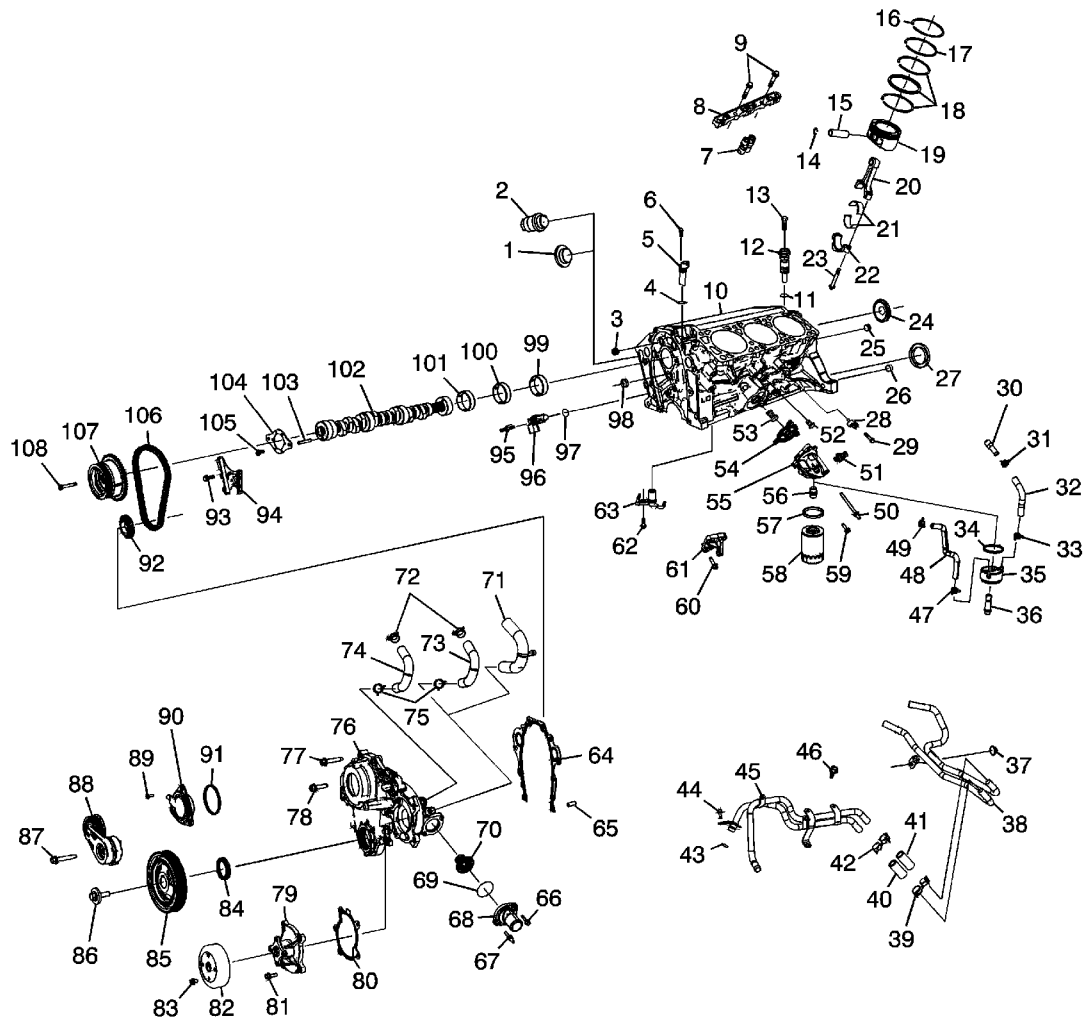
(57) Exhaust Manifold Heat Shield

(58) Oxygen Sensor

(59) Spark Plug Wire Support

(60) Spark Plug Wire Harness

Engine Block and Components



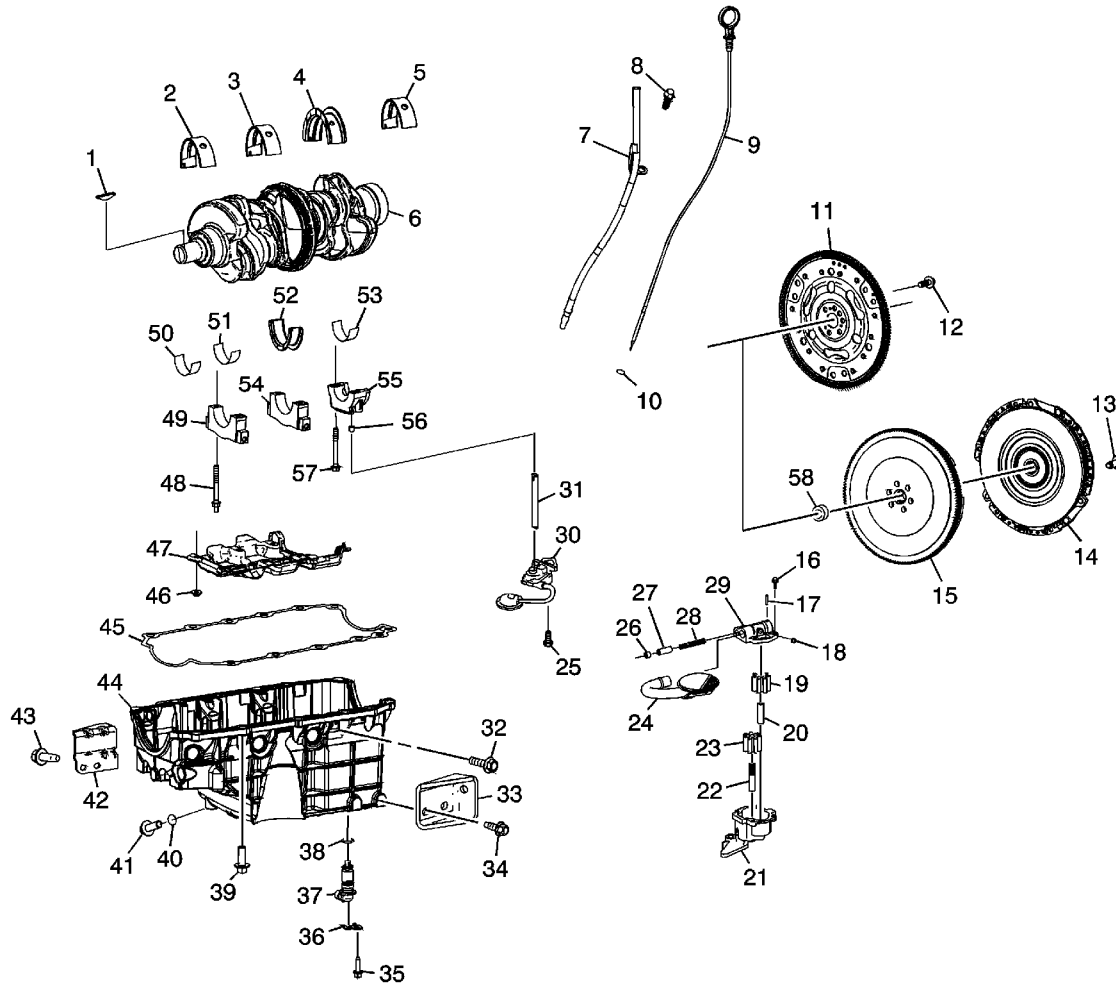
- (1) Engine Block Coolant Hole Plug
- (2) Engine Block Heater
- (3) Engine Block Oil Gallery Plug
- (4) Camshaft Sensor Seal
- (5) Crankshaft Position Sensor
- (6) Crankshaft Position Sensor Bolt
- (7) Valve Lifter
- (8) Valve Lifter Guide
- (9) Valve Lifter Guide Bolt
- (10) Engine Block
- (11) Oil Pump Drive Seal

- (14) Piston Pin Retainer
- (15) Piston Pin
- (16) Piston Compression Upper Ring
- (17) Piston Compression Lower Ring
- (18) Piston Oil Ring Rail
- (19) Piston
- (20) Connecting Rod
- (21) Connecting Rod Bearing
- (22) Connecting Rod Bearing Cap
- (23) Connecting Rod Bolt
- (24) Camshaft Rear Bearing Hole Plug
- (25) Engine Block Oil Gallery Plug
- (26) Crankshaft Rear Oil Seal
- (27) Transmission Locating Pin
- (28) Knock Sensor
- (29) Knock Sensor Bolt
- (30) Engine Oil Cooler Fitting
- (31) Engine Oil Cooler Hose Clamp
- (32) Engine Oil Cooler Inlet Hose
- (33) Engine Oil Cooler Hose Clamp
- (34) Engine Oil Cooler Gasket
- (35) Engine Oil Cooler
- (36) Engine Oil Cooler Connector
- (37) Heater Inlet and Outlet Pipe Nut
- (38) Heater Inlet and Outlet Pipe
- (39) Heater Outlet Hose Clamp
- (40) Heater Outlet Front Hose
- (41) Heater Outlet Front Hose
- (42) Heater Outlet Hose Clamp
- (43) Heater Inlet Pipe Adapter Seal
- (44) Heater Inlet Pipe Bolt
- (45) Heater Inlet and Outlet Pipe
- (46) Heater Inlet Pipe Bolt
- (47) Engine Oil Cooler Hose Clamp
- (48) Engine Oil Cooler Outlet Hose
- (49) Engine Oil Cooler Hose Clamp
- (50) Oil Filter Adapter Stud
- (51) Engine Oil Pressure Indicator Switch
- (52) Engine Block Coolant Hole Plug
- (53) Oil Filter Bypass Valve
- (54) Oil Filter Adapter Gasket
- (55) Oil Filter Adapter
- (56) Oil Filter Fitting

- (59) Oil Filter Adapter Bolt
- (60) Air Conditioning Compressor Bracket Bolt
- (61) Air Conditioning Compressor Bracket
- (62) Piston Oil Nozzle Bolt
- (63) Piston Oil Nozzle
- (64) Engine Front Cover Gasket
- (65) Engine Front Cover Location Pin
- (66) Water Outlet Bolt
- (67) Water Outlet Stud
- (68) Water Outlet
- (69) Engine Coolant Thermostat Seal
- (70) Engine Coolant Thermostat
- (71) Thermostat Bypass Hose
- (72) Thermostat Bypass Pipe Clamp
- (73) Thermostat Bypass Hose
- (74) Thermostat Bypass Hose
- (75) Thermostat Bypass Pipe Clamp
- (76) Engine Front Cover
- (77) Engine Front Cover Bolt
- (78) Engine Front Cover Bolt
- (79) Water Pump
- (80) Water Pump Gasket
- (81) Water Pump Bolt
- (82) Water Pump Pulley
- (83) Water Pump Pulley Bolt
- (84) Crankshaft Front Oil Seal
- (85) Crankshaft Balancer
- (86) Crankshaft Balancer Bolt
- (87) Drive Belt Tensioner Bolt
- (88) Drive Belt Tensioner
- (89) Camshaft Position Actuator Magnet Bolt
- (90) Camshaft Position Actuator Magnet
- (91) Camshaft Position Actuator Magnet Gasket
- (92) Crankshaft Sprocket
- (93) Timing Chain Damper Bolt
- (94) Timing Chain Damper
- (95) Crankshaft Position Sensor Stud
- (96) Crankshaft Position Sensor
- (97) Crankshaft Position Sensor Seal
- (98) Engine Block Oil Gallery Plug
- (99) Camshaft Bearing
- (100) Camshaft Bearing
- (101) Camshaft Bearing

- (103) Camshaft Position Actuator Solenoid Valve O-Ring
- (104) Camshaft Thrust Plate
- (105) Camshaft Thrust Plate Bolt
- (106) Timing Chain
- (107) Camshaft Position Actuator
- (108) Camshaft Position Actuator Bolt

Crankshaft and Components



- (1) Crankshaft Balancer Key
- (2) Crankshaft Upper No. 1 Bearing
- (3) Crankshaft Upper No. 2 Bearing
- (4) Crankshaft Upper No. 3 Bearing
- (5) Crankshaft Upper No. 4 Bearing
- (6) Crankshaft
- (7) Oil Level Indicator Tube
- (8) Oil Level Indicator Tube Bolt
- (9) Oil Level Indicator
- (10) Oil Level Indicator Seal
- (11) Flywheel

- (14) Clutch Pressure Plate
- (15) Flywheel
- (16) Oil Pump Cover Bolt
- (17) Oil Pressure Relief Valve Spring Seat Pin
- (18) Oil Pressure Relief Valve Bore Plug
- (19) Oil Pump Driven Gear
- (20) Oil Pump Driven Gear Shaft
- (21) Oil Pump Housing
- (22) Oil Pump Drive Shaft
- (23) Oil Pump Drive Gear
- (24) Oil Pump Screen
- (25) Oil Pump Bolt
- (26) Oil Pressure Relief Valve Bore Plug
- (27) Oil Pressure Relief Valve
- (28) Oil Pressure Relief Valve Spring
- (29) Oil Pump Cover
- (30) Oil Pump
- (31) Oil Pump Drive Shaft
- (32) Oil Pan Bolt
- (33) Oil Pan Support Bracket
- (34) Oil Pan Support Bracket Bolt
- (35) Engine Oil Level Indicator Switch Bolt
- (36) Engine Oil Level Indicator Switch Clip
- (37) Engine Oil Level Indicator Switch
- (38) Engine Oil Level Indicator Switch Seal
- (39) Oil Pan Bolt
- (40) Oil Pan Drain Plug Seal
- (41) Oil Pan Drain Plug
- (42) Oil Pan Support Bracket
- (43) Oil Pan Support Bracket Bolt
- (44) Oil Pan
- (45) Oil Pan Gasket
- (46) Crankshaft Oil Deflector Nut
- (47) Crankshaft Oil Deflector
- (48) Crankshaft Bearing Cap Stud
- (49) Crankshaft No. 1 Bearing Cap
- (50) Crankshaft Lower No. 1 Bearing
- (51) Crankshaft Lower No. 2 Bearing
- (52) Crankshaft Lower No. 3 Bearing
- (53) Crankshaft Lower No. 4 Bearing
- (54) Crankshaft Bearing Cap
- (55) Crankshaft No. 4 Bearing Cap
- (56) Oil Pump Location Pin

