

2017 COMMON SPECS & PROCEDURES

CT6

COMMON SPECS & PROCEDURES INDEX

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System	Specification/Procedure
Air Conditioning	
Service	APPROXIMATE FLUID CAPACITIES
Torque	FASTENER SPECIFICATIONS
Axle Nut/Hub Nut Front	
First Pass	150 N.m (111 lb ft)
Second Pass	Loosen 45 degrees
Final Pass	270 N.m (199 lb ft)
Battery	NA
Brakes	
Bleeding Sequence	RIGHT REAR, LEFT FRONT, LEFT REAR, RIGHT FRONT See HYDRAULIC BRAKE SYSTEM BLEEDING (MANUAL) See HYDRAULIC BRAKE SYSTEM BLEEDING (PRESSURE)
Disc Brakes	
Service Specifications	DISC BRAKE COMPONENT SPECIFICATIONS
Torque	FASTENER SPECIFICATIONS
Charging	
Generator	CHARGING SYSTEM TEST
Torque	FASTENER SPECIFICATIONS
Drive Belts	
Adjustment	Non-Adjustable Serpentine Belt
Drive Belt Routing	See the figure under 2.0L DRIVE BELT REPLACEMENT (EXCEPT HYBRID) Or 3.0L DRIVE BELT REPLACEMENT (LGW) Or 3.6L DRIVE BELT REPLACEMENT (LGX)
Engine Cooling	
General Service Specifications	N/A
Radiator Cap Pressure	Pressure Stamped On Cap
Thermostat R & I	
2.0L 3.0L, 3.6L	2.0L ENGINE COOLANT THERMOSTAT HOUSING REPLACEMENT (LTG) 3.0L, 3.6L ENGINE COOLANT THERMOSTAT HOUSING REPLACEMENT (LGW, LGX)
Water Pump R & I	
2.0L 3.0L, 3.6L	2.0L WATER PUMP REPLACEMENT (LTG) 3.0L, 3.6L WATER PUMP REPLACEMENT (LGW, LGX)
Engine Mechanical	
2.0L	
Compression	ENGINE COMPRESSION TEST (EXCEPT HYBRID)
Oil Pressure	2.0L Minimum - @700 RPM @100Å°C - 140-200 kPa (20-29 psi)
Overhaul	2.0L ENGINE MECHANICAL SPECIFICATIONS
Torque	2.0L FASTENER SPECIFICATIONS

System	Specification/Procedure
3.0L	
Compression	ENGINE COMPRESSION TEST
Oil pressure	3.0L Minimum @ Idle - 69 kPa (10 psi) @ 2000 RPM - 136 kPa (20 psi)
Overhaul	ENGINE MECHANICAL SPECIFICATIONS (LGW)
Torque	FASTENER SPECIFICATIONS (LGW)
3.6L	
Compression	ENGINE COMPRESSION TEST
Oil pressure	3.6L Minimum @ Idle - 69 kPa (10 psi) 3.6L Minimum @ 2,000 RPM - 138 kPa (20 psi)
Overhaul	ENGINE MECHANICAL SPECIFICATIONS (LGX)
Torque	FASTENER SPECIFICATIONS (LGX)
Fluid Specifications	See FLUIDS under MAINTENANCE/FLUIDS tab. From within Manager or Service Writer, click the "30/60/90 Interval" or "Maint." button.
Flywheel/Flex Plate/Drive Plate Torque - 2.0L	First Pass - 20 N.m (15 lb ft) Second Pass - 30 N.m (22 lb ft) Final Pass - additional 40 degrees
Flywheel/Flex Plate/Drive Plate Torque - 3.0L, 3.6L	First Pass - 30 N.m (22 lb ft) Second Pass - 45 degrees
Fuel System	
Pressure Specification - 2.0L	Ignition ON, Engine OFF - 345-650 kPa (50-94 psi)
Pressure Specification - 3.0L, 3.6L	Ignition ON, Engine OFF - 345-690 kPa (50-100 psi)
Fuel Pressure Test Procedure - 2.0L	CIRCUIT/SYSTEM VERIFICATION
Fuel Pressure Test Procedure - 3.0L, 3.6L	CIRCUIT/SYSTEM VERIFICATION
Fuel Filter Location - 2.0L	Fuel Filter is Part of the Primary Fuel Tank Fuel Pump Module
Fuel Filter Location - 3.0L, 3.6L	Fuel Filter is Part of the Primary Fuel Tank Fuel Pump Module
Fuel Filter R & I - 2.0L	See FUEL TANK FUEL PUMP MODULE REPLACEMENT
Fuel Filter R & I - 3.0L, 3.6L	See FUEL LEVEL SENSOR REPLACEMENT (FUEL TANK FUEL PUMP MODULE)
Ignition	
Firing Order & Cylinder Identification	FIRING ORDER & CYLINDER IDENTIFICATION
Ignition Wires (Resistance)	Coil On Plug
Ignition Wires (Routing)	
2.0L, 3.0L, 3.6L	Coil On Plug
Spark Plug	
2.0L See Parts Catalog for Application	
Gap	0.95-1.10 mm (0.037-0.043 in)
Torque	20 N.m (15 lb ft)
Spark Plug See Parts Catalog for Application	
3.0L, 3.6L	

System	Specification/Procedure
Gap	0.90 mm (0.035 in)
Torque	18 N.m (13 lb ft)
Starting	
Starter	N/A
Torque	<u>FASTENER SPECIFICATIONS</u>
Wheel Alignment	
Adjustment Specifications	<u>WHEEL ALIGNMENT SPECIFICATIONS</u>
Torque	<u>FASTENER SPECIFICATIONS</u>
Wheel & Tire	
Wheel Lug Nut Torque	150 N.m (111 lb ft) For Tightening Sequence, Please see the Figure Under <u>INSTALLATION PROCEDURE</u>