

2010 SPECIFICATIONS INDEX

Camaro

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System	Specification/Procedure
Air Conditioning	
Service	<u>REFRIGERANT SYSTEM CAPACITIES</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS</u>
Rear Wheel Drive Shaft Nut	270 N.m (199 lb ft)
Battery	<u>BATTERY USAGE</u>
Brakes	
Bleeding Sequence	RR, LF, LR, RF
Disc Brakes	
Service Specifications	<u>DISC BRAKE COMPONENT SPECIFICATIONS</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS</u>
Drum Brakes	NA
Charging	
Generator	<u>GENERATOR USAGE</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS</u>
Drive Belts	
Adjustment	NA
Drive Belt Routing	
3.6L	See figure under <u>DRIVE BELT REPLACEMENT</u>
6.2L	See figure under <u>DRIVE BELT REPLACEMENT - ACCESSORY</u>
Engine Cooling	
General Service Specifications	<u>SPECIFICATIONS</u>
Radiator Cap Pressure	Printed on Cap
Thermostat R & I	
3.6L	<u>ENGINE COOLANT THERMOSTAT HOUSING REMOVAL</u>
6.2L	<u>ENGINE COOLANT THERMOSTAT REPLACEMENT</u> <u>(L99/LS3)</u>
Water Pump R & I	
3.6L	<u>WATER PUMP REMOVAL</u>
6.2L	<u>WATER PUMP REMOVAL</u>
Engine Mechanical	
3.6L	

Compression	<u>ENGINE COMPRESSION TEST</u>
Oil Pressure	@ Idle 69 kPa (10 psi)
Minimum - Hot	@ 2,000 RPM 138 kPa (20 psi)
Overhaul	<u>ENGINE MECHANICAL SPECIFICATIONS (LLT)</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS</u>
6.2L	
Compression	<u>ENGINE COMPRESSION TEST</u>
Oil pressure	@1,000 RPM 41 kPa (6 psig)
Minimum - Hot	@2,000 RPM 124 kPa (18 psig)
	@4,000 RPM 165 kPa (24 psig)
Overhaul	<u>ENGINE MECHANICAL SPECIFICATIONS (6.2L LS3)</u> <u>ENGINE MECHANICAL SPECIFICATIONS (6.2L L99)</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS (6.2L LS3)</u> <u>FASTENER TIGHTENING SPECIFICATIONS (6.2L L99)</u>
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	
3.6L	
Automatic Transmission	First Pass 30 N.m (22 lb ft) Final Pass 45 Degrees
Manual Transmission	67 N.m (49 lb ft)
6.2L	
First Pass	20 N.m (15 lb ft)
Second Pass	50 N.m (37 lb ft)
Final Pass	100 N.m (74 lb ft)
Fuel System	
Pressure Specification	
3.2L	276-324 kPa (40-47 psi)
6.2L	296.4-310.3 kPa (35-45 psi)
Fuel Pressure Test Procedure	
3.2L	<u>FUEL SYSTEM DIAGNOSIS</u>
6.2L	<u>FUEL SYSTEM DIAGNOSIS</u>
Fuel Filter Location	Fuel filter is located in primary fuel pump module
Fuel Filter R & I	
3.6L	<u>FUEL TANK FUEL PUMP MODULE REPLACEMENT - RIGHT SIDE</u>
6.2L	<u>FUEL TANK FUEL PUMP MODULE REPLACEMENT - RIGHT SIDE</u>
Ignition	
Firing Order & Cylinder	<u>FIRING ORDER & CYLINDER IDENTIFICATION</u>

Identification	
Ignition Wires (Resistance)	
3.6L	NA
6.2L	397-1,337 ohms
Ignition Wires (Routing)	
3.6L	NA
6.2L	See figure under <u>SPARK PLUG WIRE REPLACEMENT</u>
Spark Plug	
3.6L	
Type	AC 41-990
Gap (non-adjustable)	1.10 mm (0.044 in)
Torque	20 N.m (15 lb ft)
6.2L	
Type	NA
Gap	1.02 mm (0.040 in)
Torque	15 N.m (11 lb ft)
Starting	
Starter	<u>STARTING SYSTEM DESCRIPTION AND OPERATION</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS</u>
Wheel Alignment	
Adjustment Specifications	<u>WHEEL ALIGNMENT SPECIFICATIONS</u>
Torque	<u>FASTENER TIGHTENING SPECIFICATIONS</u>
Wheel & Tire	
Wheel Lug Nut Torque (See Tightening Pattern under wheel and tire <u>INSTALLATION</u> <u>PROCEDURE</u>	190 N.m (140 lb ft)