

2018 COMMON SPECS AND PROCEDURES

Equinox And Terrain

COMMON SPECS AND PROCEDURES INDEX

EQUINOX AND TERRAIN COMMON SPECS AND PROCEDURES

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Axle Nut/Hub Nut/Wheel Driveshaft Nut	
Front/Rear	See applicable component under REPAIR INSTRUCTIONS .
Battery	BATTERY DESCRIPTION AND OPERATION
Brakes	
Bleeding Sequence	Manual - RIGHT REAR, LEFT REAR, RIGHT FRONT, LEFT FRONT See HYDRAULIC BRAKE SYSTEM BLEEDING (MANUAL) . Pressure - RIGHT REAR, LEFT REAR, RIGHT FRONT, LEFT FRONT See HYDRAULIC BRAKE SYSTEM BLEEDING (PRESSURE) .
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Torque	FASTENER SPECIFICATIONS
Charging	
Generator	CHARGING SYSTEM DESCRIPTION AND OPERATION
Torque	FASTENER SPECIFICATIONS
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Adjustment	1.5L (LYX) - Serpentine belt used, not adjustable. 1.6L (LH7) Diesel - Serpentine belt used, not adjustable. 2.0L (LTG) - Serpentine belt used, not adjustable.
Drive Belt Routing	1.5L (LYX) - See the figure under DRIVE BELT REPLACEMENT . 1.6L (LH7) Diesel - See the figure under GENERATOR AND AIR CONDITIONING COMPRESSOR BELT REPLACEMENT . 2.0L (LTG) - See the figure under DRIVE BELT REPLACEMENT .
Engine Cooling	
General Service Specifications	SPECIFICATIONS
Radiator Cap Pressure	Pressure stamped on cap.
Thermostat R & I	

System		Specification/Procedure
1.5L (LYX)		<u>ENGINE COOLANT THERMOSTAT HOUSING REPLACEMENT (LYX)</u>
1.6L (LH7) Diesel		<u>ENGINE COOLANT THERMOSTAT REPLACEMENT (LH7)</u>
2.0L (LTG)		<u>ENGINE COOLANT THERMOSTAT HOUSING REPLACEMENT (LTG)</u>
Water Pump R & I		
1.5L (LYX)		<u>WATER PUMP REPLACEMENT (LYX)</u>
1.6L (LH7) Diesel		<u>WATER PUMP REPLACEMENT (LH7)</u>
2.0L (LTG)		<u>WATER PUMP REPLACEMENT (LTG)</u>
Engine Mechanical		
1.5L (LYX)		
Compression		<u>ENGINE COMPRESSION TEST</u>
Oil Pressure		Oil Pressure - Minimum - @1500 RPM 100Â°C (212Â°F) 200 - 250 kPa (29 - 36 psi)
Overhaul		<u>ENGINE MECHANICAL SPECIFICATIONS</u>
Torque		<u>FASTENER SPECIFICATIONS</u>
1.6L (LH7) Diesel		
Compression		There should not be more than 10 percent difference between a suspect cylinder and the average compression of all 4 cylinders. Compression - 2000 kPa (290 psi) <u>ENGINE COMPRESSION TEST</u>
Oil pressure		Oil Pressure with Idle Speed and under hot running conditions Solenoid: On - 100 kPa / 800 RPM Solenoid: Off - 100 kPa/ 800 RPM
Oil Pressure with 4000 RPM under hot running conditions Solenoid: On - 260-280 kPa / 4000 RPM Solenoid: Off - 660-680 kPa / 4000 RPM	<u>ENGINE MECHANICAL SPECIFICATIONS</u>	
Overhaul		
Torque	<u>FASTENER SPECIFICATIONS</u>	
2.0L (LTG)		
Compression	The lowest reading should not be less than 70 percent of the highest cylinder. No cylinder should read less than 690 kPa (100 psi). Highest pressure in any 1 cylinder 1035 kPa (150 psi) <u>ENGINE COMPRESSION TEST</u>	

System		Specification/Procedure
Oil Pressure	Oil Pressure - Minimum - @1000 RPM @ 90Â°C (194Â°F) 206.84-482.63 kPa (30-70 psi)	See FLUIDS under MAINTENANCE/FLUIDS tab. From within Manager or Service Writer, click the "30/60/90 Interval" or "Maint." button.
Overhaul	<u>ENGINE MECHANICAL SPECIFICATIONS</u>	
Torque	<u>FASTENER SPECIFICATIONS</u>	
Fluid Specifications		
Flywheel/Flex Plate/Drive Plate Torque		1.5L (LYX) (Automatic Transmission) First Pass - 20 N.m (15 lb ft) Final Pass - Additional 70 degrees 1.6L (LH7) Diesel (Automatic Transmission) First Pass - 60 N.m (44 lb ft) Final Pass - Additional 45 degrees 2.0L (LTG) (Automatic Transmission) First Pass - 20 N.m (15 lb ft) Final Pass - Additional 40 degrees
Fuel System		
Pressure Specification		1.5L (LYX) Not Running - 690 kPa (100 PSI) Â± 5% Running - 345 - 650 kPa (50 - 94 PSI) 1.6L (LH7) Diesel <u>FUEL SYSTEM DIAGNOSIS</u> 2.0L (LTG) Not Running - 600 kPa (87 PSI) Running - 345-650 kPa (50-94 PSI)
Fuel Pressure Test Procedure	1.5L (LYX) - <u>CIRCUIT/SYSTEM VERIFICATION</u> 1.6L (LH7) Diesel - <u>CIRCUIT/SYSTEM VERIFICATION</u> 2.0L (LTG) - <u>CIRCUIT/SYSTEM VERIFICATION</u>	
Fuel Filter Location	1.5L (LYX) - Fuel filter is part of the fuel tank fuel pump module 1.6L (LH7) Diesel - Fuel filter is part of the fuel tank fuel pump module 2.0L (LTG) - Fuel filter is part of the fuel tank fuel pump module	

System		Specification/Procedure
Fuel Filter R & I	1.5L (LYX) - <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (FWD)</u> or <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (AWD)</u> 1.6L (LH7) Diesel - <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (FWD)</u> or <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (AWD)</u> 2.0L (LTG) - <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (FWD)</u> or <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (AWD)</u>	
Ignition		
Firing Order & Cylinder Identification		<u>FIRING ORDER & CYLINDER IDENTIFICATION</u>
Ignition Wires (Resistance)		Coil on plug
Ignition Wires (Routing)		
1.5L (LYX)		Coil on plug.
1.6L (LH7) Diesel		Coil on plug.
2.0L (LTG)		Coil on plug.
Spark Plug		
1.5L (LYX) (See parts catalog)		
Gap	0.024 - 0.028 in (0.60 - 0.70 mm)	
Torque	17 N.m (13 lb ft)	
1.6L (LH7) Diesel (See parts catalog)		
Gap	N/A	
Torque	12 lb ft (16.5 N.m)	
2.0L (LTG) (See parts catalog)		
Gap	0.037 - 0.043 in (0.95 - 1.10 mm)	
Torque	20 N.m (15 lb ft)	
Starting		
Starter		<u>STARTING SYSTEM DESCRIPTION AND OPERATION</u>
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		140 N.m (103 lb ft) For tightening sequence, please see Wheel Nut Tightening Sequence figure under <u>INSTALLATION PROCEDURE</u> .

