

2017 COMMON SPECS & PROCEDURES

Encore & Trax

COMMON SPECS & PROCEDURES INDEX

ENCORE COMMON SPECS & PROCEDURES

System	Specification/Procedure
Air Conditioning	
Service	APPROXIMATE FLUID CAPACITIES
Torque	FASTENER SPECIFICATIONS
Axle Nut/Hub Nut (Torque to Yield)	
Front	First Pass 50 N.m (37 lb ft) Final Pass + 60 degrees
Rear	58 N.m (43 lb ft)
Battery	NA
Brakes	
Bleeding Sequence	Right Rear, Left Rear, Right Front, Left Front, (see HYDRAULIC BRAKE SYSTEM BLEEDING (MANUAL)) Or HYDRAULIC BRAKE SYSTEM BLEEDING (PRESSURE)
Disc Brakes	
Service Specifications	DISC BRAKE COMPONENT SPECIFICATIONS
Torque	FASTENER SPECIFICATIONS
Drum Brakes	
Service Specifications	DRUM BRAKE COMPONENT SPECIFICATIONS
Torque	FASTENER SPECIFICATIONS
Charging	
Generator	See CHARGING SYSTEM TEST
Torque	FASTENER SPECIFICATIONS
Drive Belts	
Adjustment	Non-Adjustable Serpentine Belt
Drive Belt Routing	For 1.4L LE2, See illustration under Drive Belt DRIVE BELT REPLACEMENT For 1.4L LUV, See illustration under Drive Belt DRIVE BELT REPLACEMENT For 1.8L 2H0, See illustration under Drive Belt DRIVE BELT REPLACEMENT
Engine Cooling	
General Service Specifications	N/A
Radiator Cap Pressure	Pressure Stamped On Cap
Thermostat R & I	
1.4L LE2,	ENGINE COOLANT THERMOSTAT HOUSING REPLACEMENT (LE2)
1.4L LUV,	ENGINE COOLANT THERMOSTAT REPLACEMENT (LUV)
1.8L 2H0	ENGINE COOLANT THERMOSTAT REPLACEMENT (2H0)
Water Pump R & I	
1.4L LE2	WATER PUMP REPLACEMENT (LE2)
1.4L LUV	WATER PUMP REPLACEMENT (LUV)

System	Specification/Procedure
1.8L 2H0	<u>WATER PUMP REPLACEMENT (2H0)</u>
Engine Mechanical	
1.4L LE2	
Compression	<u>ENGINE COMPRESSION TEST</u>
Oil Pressure	At 1500 RPM 100 [°] C 200-250 kPa (29-36 psi)
Overhaul	<u>ENGINE MECHANICAL SPECIFICATIONS</u>
Torque	<u>FASTENER SPECIFICATIONS</u>
Engine Mechanical	
1.4L LUV	
Compression	<u>ENGINE MECHANICAL SPECIFICATIONS</u>
Oil Pressure	150 kPa (22 psi) @ Idle Speed 380-650 kPa (55-94 psi) @ 3000 RPM
Overhaul	<u>ENGINE MECHANICAL SPECIFICATIONS</u>
Torque	<u>FASTENER SPECIFICATIONS</u>
1.8L 2H0	
Compression	<u>ENGINE COMPRESSION TEST</u>
Oil Pressure	@ Idle and 80 [°] C (170 [°] F) or more = at least 130 kPa (18.85 psi)
Overhaul	<u>ENGINE MECHANICAL SPECIFICATIONS</u>
Torque	<u>FASTENER SPECIFICATIONS</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	
1.4L LE2 Use NEW fastener	First Pass 30 N.m 22 lb ft) Final Pass - + 70 Degrees
1.4L LUV Use NEW fastener	Flexplate (AT) 35 N.m (26 lb ft) Second Pass - + 30 Degrees Final Pass - + 15 Degrees Flywheel (MT) 60 N.m (44 lb ft) Second Pass - + 45 Degrees Final Pass - + 15 Degrees
1.8L LUV Use NEW fastener	Flexplate (AT) 35 N.m (26 lb ft) Second Pass - + 30 Degrees Final Pass - + 15 Degrees
Fuel System	
Pressure Specification (Energize Fuel Pump Several Times During Testing)	1.4L LE2 - Ignition ON, Engine OFF 345-650 kPa (50-94 psi) 1.4L LUV- Ignition ON, Engine OFF 345-650 kPa (50-94 psi) 1.8L 2H0 - Ignition ON, Engine OFF 345-414 kPa (50-60 psi)
Fuel Pressure Test Procedure	1.4L LE2 See <u>CIRCUIT/SYSTEM VERIFICATION</u> 1.4L LUV See <u>CIRCUIT/SYSTEM VERIFICATION</u> 1.8L 2H0 See <u>CIRCUIT/SYSTEM VERIFICATION</u>
Fuel Filter Location	1.4L LE2 Strainer is located at lower end of the fuel tank fuel pump module 1.4L LUV Strainer is located at lower end of the fuel tank fuel pump module 1.8L 2H0 Strainer is located at lower end of the fuel tank fuel pump module
Fuel Filter R & I	
1.4L LE2	<u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (AWD)</u> Or <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (FWD)</u>

System	Specification/Procedure
1.4L LUV	<u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (AWD)</u> Or <u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (FWD)</u>
1.8L 2H0	<u>FUEL TANK FUEL PUMP MODULE REPLACEMENT (FWD)</u>
Ignition	
Firing Order & Cylinder Identification	<u>FIRING ORDER & CYLINDER IDENTIFICATION</u>
Ignition Wires (Resistance)	Coil On Plug
Ignition Wires (Routing)	Coil On Plug
Spark Plug	
1.4L LE2 Type = Refer to Electronic Parts Catalogue	
Gap	0.60-0.70 mm (0.024-0.028 in)
Torque	17 N.m (13 lb ft)
1.4L LUV Type = Refer to Electronic Parts Catalogue	
Gap	0.70 mm (0.028 in)
Torque	25 N.m (18 lb ft)
1.8L 2H0 Type = Refer to Electronic Parts Catalogue	
Gap	0.70 mm (0.028 in)
Torque	25 N.m (18 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	140 N.m (103 lb ft) For Wheel Nut Tightening Sequence, see illustration under wheel and tire <u>INSTALLATION PROCEDURE</u>