

2017 ELECTRICAL**12 V Starting and Charging - Encore, Trax****SPECIFICATIONS****FASTENER SPECIFICATIONS****Reusable Threaded Fastener Tightening Specifications****NOTE:**

All fasteners listed in this table can be reused after removal.

Application	Specification
	Metric (English)
Battery Hold Down Retainer Fastener	22 N.m (16 lb ft)
Battery Negative Cable Post Fastener	4.5 N.m (40 lb in)
Battery Negative Cable to Battery Sensor (KL9)	11 N.m (97 lb in)
Battery Negative Cable to Engine Block (LVL)	22 N.m (16 lb ft)
Battery Negative Cable to Frame Rail Stud Fastener	22 N.m (16 lb ft)
Battery Negative Cable to Starter Mounting Stud (2H0, LUJ)	13 N.m (115 lb in)
Battery Negative Cable to Starter Mounting Stud (LDE)	17 N.m (13 lb ft)
Battery Positive Cable Fastener to Starter Solenoid Fastener	13 N.m (115 lb in)
Battery Positive Cable Post Fastener	5 N.m (44 lb in)
Battery Positive Cable to Battery Fuse Block Fastener	12 N.m (106 lb in)
Battery Positive Cable to Underhood Fuse Box Fastener	9 N.m (80 lb in)
Battery Tray Fastener	14 N.m (124 lb in)
Body Harness Ground to Battery Negative Clamp	9 N.m (80 lb in)
Engine Harness Starter Positive Cable	5 N.m (44 lb in)
Generator Battery Positive Cable Fastener	17 N.m (13 lb ft)
Generator Mounting Fastener (2H0, LUJ)	35 N.m (26 lb ft)
Generator Mounting Fastener (LE2, LVL)	22 N.m (16 lb ft)
Generator Mounting Stud (LE2)	9 N.m (80 lb in)
Heated Oxygen Sensor Bracket Fastener	25 N.m (18 lb ft)
Intake Manifold Support Bracket Fastener (2H0)	8 N.m (71 lb in)
Starter Battery Negative Cable Ground Fastener	17 N.m (13 lb ft)
Starter Battery Positive Cable Fastener	13 N.m (115 lb in)
Starter Mounting Fastener (2H0, LDE, LUJ)	25 N.m (18 lb ft)
Starter Mounting Fastener (LE2)	58 N.m (43 lb ft)
Starter Mounting Fastener (LVL)	22 N.m (16 lb ft)
Starter Mounting Stud	25 N.m (18 lb ft)

SCHEMATIC WIRING DIAGRAMS**STARTING AND CHARGING WIRING SCHEMATICS (BUICK WITH LE2)**

Starting (Buick with LE2, page 1 of 2)