

ELECTRICAL

12 V Starting and Charging - Canyon, Colorado

SPECIFICATIONS

FASTENER SPECIFICATIONS

Application	Specification	
	Metric	English
Battery Hold Down Retainer Rod Fastener	22 N.m	16 lb ft
Battery Negative Cable Clamp to Negative Battery Post	4.7 N.m	42 lb in
Battery Negative Cable Ground Terminal to Battery Fuse Block Stud	13 N.m	115 lb in
Battery Negative Cable Ground Terminal to Chassis Frame	22 N.m	16 lb ft
Battery Negative Cable Ground Terminal to Engine Block	58 N.m	43 lb ft
Battery Negative Cable Ground Terminal to Wheel Well Bolt	22 N.m	16 lb ft
Battery Positive Cable Clamp to Positive Battery Post	4.7 N.m	42 lb in
Battery Positive Cable Harness Retainer Fastener (LCV)	10 N.m	89 lb in
Battery Positive Cable to Battery Fuse Block	4.7 N.m	42 lb in
Battery Positive Cable to Generator	15 N.m	11 lb ft
Battery Positive Cable to Junction Block Fastener	13 N.m	115 lb in
Battery Positive Cable to Starter (LCV, LFX)	13 N.m	115 lb in
Battery Retaining Bracket Fastener	22 N.m	16 lb ft
Battery Tray Fastener	7.5 N.m	66 lb in
Engine Wiring Harness Fuse Block Bracket Screw	7 N.m	62 lb in
Engine Wiring Harness Junction Block Bolt	9 N.m	80 lb in
Engine Wiring Harness Junction Block Cable Nut	9 N.m	80 lb in
Generator Mounting Bolt (LCV)	22 N.m	16 lb ft
Generator Mounting Bolt (LFX, LWN)	58 N.m	43 lb ft
Generator Mounting Nut (LCV)	22 N.m	16 lb ft
Generator Mounting Stud (LCV)	9 N.m	80 lb in
Starter Mounting Bolt (LCV)	22 N.m	16 lb ft
Starter Mounting Bolt (LFX, LWN)	58 N.m	43 lb ft
Starter Solenoid Cable to Starter (LWN)	12 N.m	106 lb in

SCHEMATIC WIRING DIAGRAMS

STARTING AND CHARGING WIRING SCHEMATICS

Starting