



LXM190863-UN: Alternator

Vehicle electrical system is rated at 12 Volts. It is suitable for the coupling with the battery of any capacity. It must work with the connected battery. Connection with inverted polarity is not allowed.

-: Operating Specifications

<i>Operating Specifications</i>	
Rated Voltage	14 V
Rated Current Delivery	95A @ 6000 rpm
Drive Side Direction of Rotation	Clockwise
Maximum Continuous Speed	$\leq 13.500 \text{ min}^{-1}$

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Group 110 — Electrical Engine Control Specifications

NOTE:

For general torque values, see *Metric Bolt and Screw Torque Values* or *Unified Inch Bolt and Screw Torque Values* in Section 06, Group 190.

-: Electrical Engine Control Specifications

Inspection Item		Dimensions	Torque
ECU	Bracket Cylinder Head Screw	M8 x 1.25 6g x 20	25 ± 2.5 N·m 18 ± 1.8 lb·ft
	ECU on Bracket Screw	M6 x 1 6g x 18	10 ± 1.0 N·m 7 ± 0.7 lb·ft
Wiring Harness	Wiring Harness Box Nut	M8 x 1.25 6g x 20	25 ± 2.5 N·m 18 ± 1.8 lb·ft
	Wiring Harness Box Nut Bracket	M6 x 1 6g x 16	10 ± 1.0 N·m 7 ± 0.7 lb·ft
	Bracket Cover	M6 x 1 6g x 14	10 ± 1.0 N·m 7 ± 0.7 lb·ft
Sensors	Taper Threaded Plug	M16 x 1.5 6g x 8	25 ± 2.5 N·m 18 ± 1.8 lb·ft
	Oil pressure sensor	M14 x 1.5 6g	35 ± 3.5 N·m 26 ± 2.6 lb·ft
	Water Pressure and Temperature Sensor	M12 x 1.5 6g	25 ± 2.5 N·m 18 ± 1.8 lb·ft
	Pressure Sensor P3	M14 x 1.5 6g	15 ± 1.5 N·m 11 ± 1.1 lb·ft
	Pressure and Temperature Sensor Screw	M6 x 1 6g x 16	10 ± 1.0 N·m 7 ± 0.7 lb·ft
	Oil Pressure Sensor Adjustable Connection	M12 x 1.5 6g x 11	35 ± 3.5 N·m 26 ± 2.6 lb·ft
	Temperature Sensor (TS200) T3	M14 x 1.5 6g x 12	45 ± 4.5 N·m 33 ± 3.3 lb·ft
	Bracket on Cylinder Head Screw	M8 x 1.25 6g x 20	25 ± 2.5 N·m 18 ± 1.8 lb·ft
	Connection	M14 x 1.5 6H	45 ± 4.5 N·m 33 ± 3.3 lb·ft
	Sensor Nut	M14 x 1.5 6H	30 ± 3.0 N·m 22 ± 2.2 lb·ft