

STARTING SYSTEM

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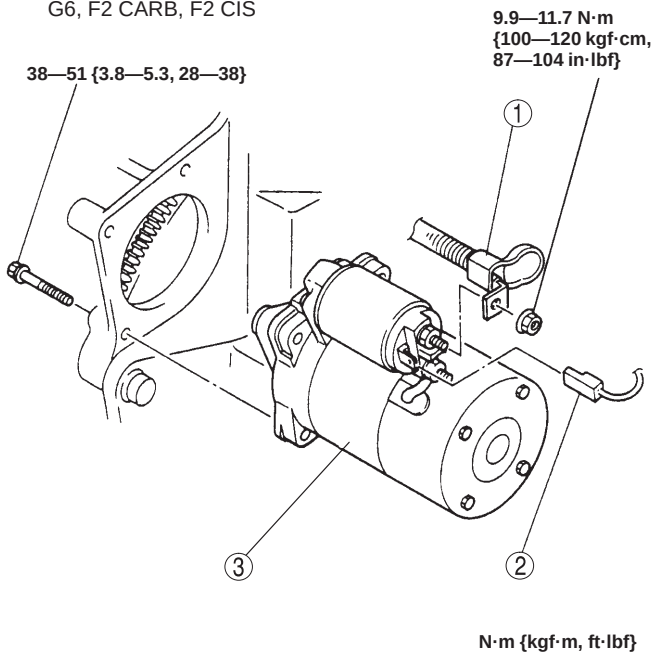
STARTER REMOVAL/INSTALLATION

Warning

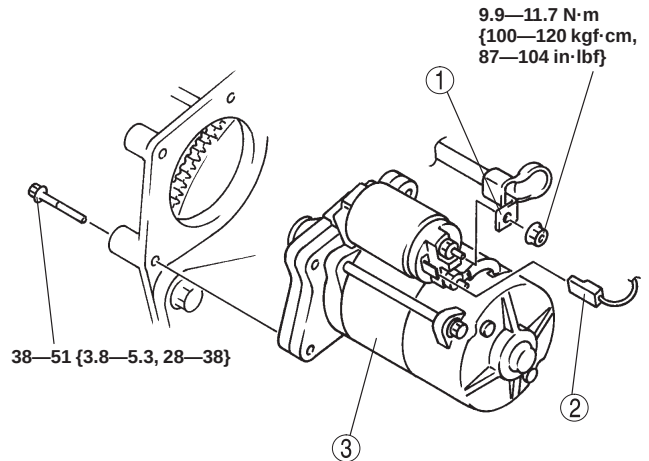
- When the battery cables are connected, touching the vehicle body with starter terminal B will generate sparks. This can cause personal injury, fire, and damage to the electrical components. Always disconnect the battery before performing the following operation.

1. Disconnect the negative battery cable.
2. Remove the battery. (WL, WL Turbo) (Refer to CHARGING SYSTEM, BATTERY REMOVAL/INSTALLATION.)
3. Remove the intake manifold bracket. (G6)
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.

G6, F2 CARB, F2 CIS



WL, WL Turbo



N·m {kgf·m, ft·lbf}

1	Terminal B wire
2	Terminal S wire
3	Starter

STARTER INSPECTION

On-vehicle Inspection

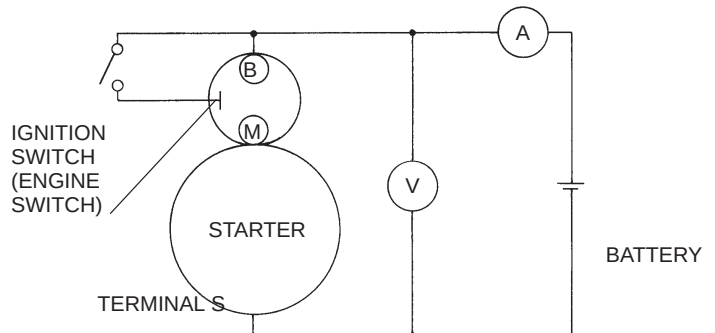
1. Verify that the battery is fully charged.
2. Crank the engine and verify that the starter turns smoothly without any noise.
3. If not as specified, measure the voltage at terminals S and B when the ignition switch (engine switch) is at START position.

Specification Above 8 V

4. If the voltage is within the specification, remove the starter and inspect the magnetic switch and the starter.
5. If the voltage is not as specified, inspect the wiring harness, ignition switch (engine switch).

No Load Test

1. Verify that the battery is fully charged.
2. Connect the starter, battery, voltmeter, and ammeter as shown.



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3. Operate the starter and verify that it turns smoothly.
4. Measure the voltage and current while the starter is operating.

Specification

Item	Engine type		
	G6	F2 CARB, F2 CIS	WL, WL Turbo
Voltage (V)	11.5	11.5	11
Current (A)	Below 100	Below 60	Below 130

5. If not as specified, repair or replace the inner parts as necessary.