

Magnet Switch Test (Pull-in, Holding Coils)

1. Remove the motor from the starter housing.
2. Prepare a 6 V battery for the test.
3. Connect jumper leads from the battery negative terminal to the housing and the starter **C** terminal.
4. The plunger should be attached and the pinion gear should pop out when a jumper lead is connected from the battery positive terminal to the **S** terminal. It's a correct.
5. Disconnect the jumper lead to the starter **C** terminal. Then the pinion gear should remain popped out. It's a correct.

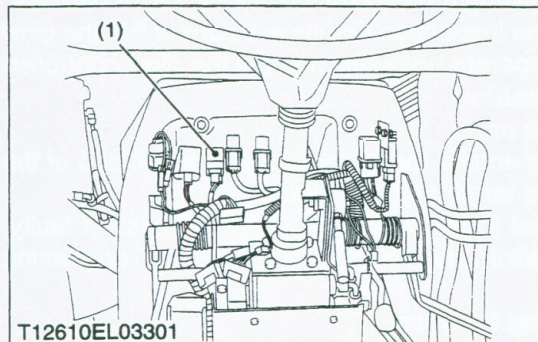
■ IMPORTANT

- Testing time must be 3 to 5 sec..

(a) To Negative Terminal

(b) To Positive Terminal

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Checking Starter Relay

1. Remove the panel cover and meter panel. (See page 5-S4.)
2. Remove the starter relay (1).
3. Apply battery voltage across terminals **3** (4) and **4** (5), and check for continuity across terminals **1** (2) and **2** (3).
4. If continuity is not established across terminals **1** and **3**, renew the starter relay.

(1) Starter Relay

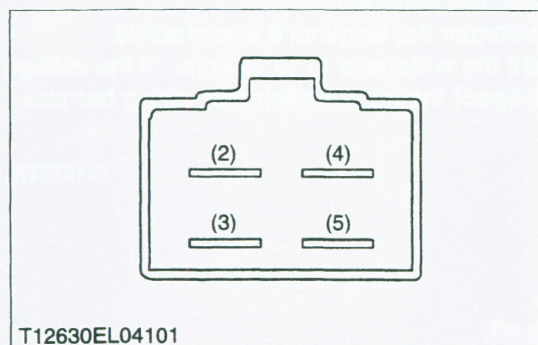
(4) Terminal 3

(2) Terminal 1

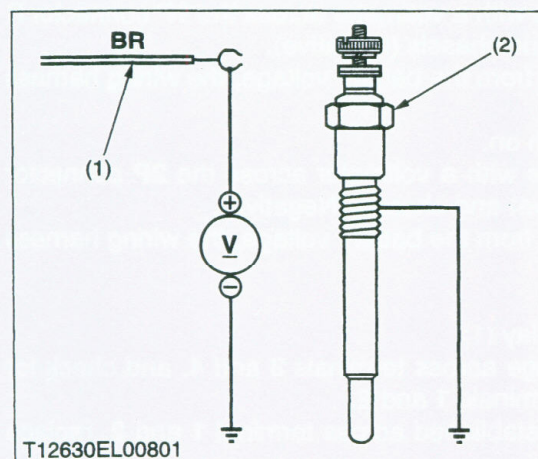
(5) Terminal 4

(3) Terminal 2

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(C) Glow Control System



Glow Plug Lead Terminal Voltage

1. Disconnect the wiring lead (1) from the glow plug (2) after turning the main switch off.
2. Turn the main switch key to the "PREHEAT" position, and measure the voltage between the lead terminal and the chassis.
3. Turn the main switch key to the "START" position, and measure the voltage with a voltmeter between the lead terminal and the chassis.
4. If the voltage at either position differs from the battery voltage, the wiring harness or main switch is faulty.

Voltage (Lead terminal – Chassis)	Main switch key at "PREHEAT"	Approx. battery voltage
	Main switch key at "START"	Approx. battery voltage

(1) Wiring Lead (Positive)

(2) Glow Plug

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