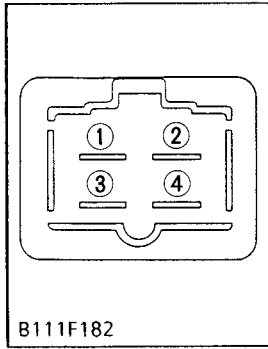


B111P122

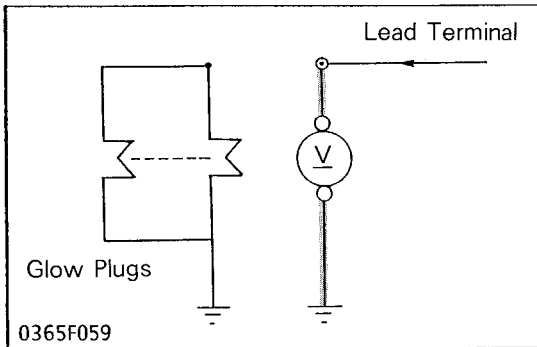


B111F182

Check Starter Relay [L2650, L2950, L3450, L3650]

1. Remove starter relay (1).
2. Apply battery voltage across terminals 2 and 4, and check for continuity across terminals 1 and 3.
3. If continuity is not established across terminals 1 and 3, renew the starter relay.

(1) Starter Relay

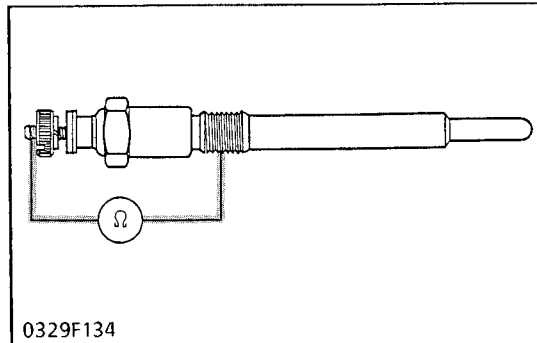


0365F059

Pre-heating Terminal Voltage

1. Disconnect the wiring lead from the glow plug terminal after turning the main switch off.
2. Turn the main switch key to the **PREHEAT** position, and measure the voltage across the lead terminal and the chassis.
3. Turn the main switch key to the **START** position, and measure the voltage with a voltmeter across 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	Main switch key at PREHEAT	Approx. battery voltage
	Main switch key at START	



0329F134

Glow Plug

1. Disconnect the leads from the glow plugs.
2. Measure the resistance with an ohmmeter across the glow plug terminal and the chassis.
3. If 0 ohm is indicated, the screw at the tip of the glow plug and the housing are short-circuited.
4. If the factory specifications is not indicated, the glow plug is faulty.

Glow plug resistance	Factory spec.	Approx. 1.5 ohms.
----------------------	---------------	-------------------



0329P148

Starter Motor B Terminal Voltage

1. Measure the voltage with a voltmeter across the **B** terminal and chassis.
2. If the voltage differs from the battery voltage, the battery's positive cable or the battery negative cable is faulty.

Voltage	B terminal-chassis	Approx. battery voltage
---------	---------------------------	-------------------------