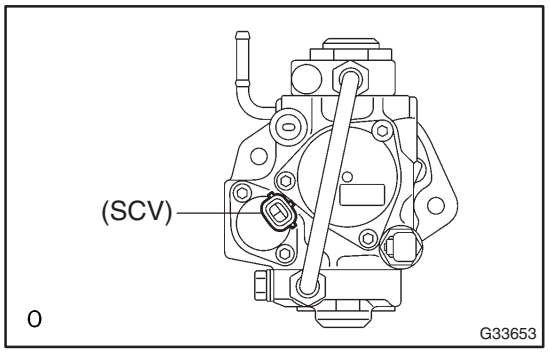
INSPECTION

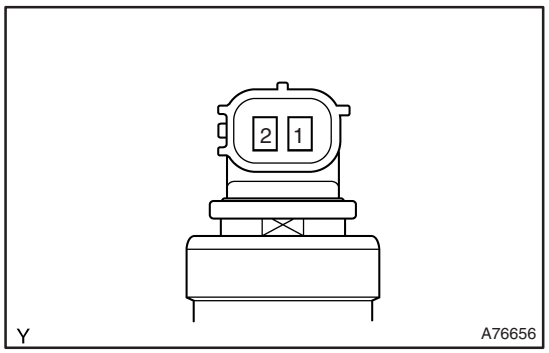


1. INJECTION OR SUPPLY PUMP ASSY

(a) Inspect the resistance. (SCV)

(1) Using an ohmmeter, measure the resistance between the terminals.

Resistance: 1.9 to 2.3 Ω at 20°C (68°F)

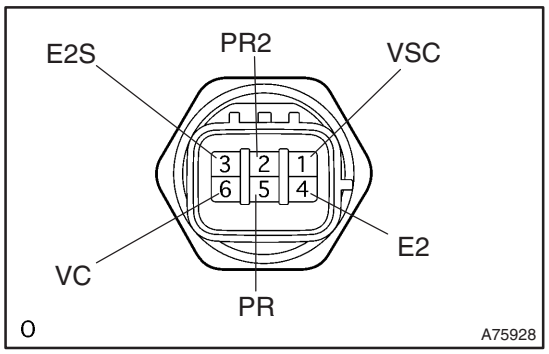


2. INJECTOR ASSY

(a) Inspect the resistance.

(1) Using an ohmmeter, measure the resistance between the terminals.

Resistance: 0.85 to 1.05 Ω at 20°C (68°F)



3. COMMON RAIL ASSY

(a) Inspect the fuel pressure sensor resistance.

(1) Using an ohmmeter, measure the resistance according to the value(s) in the table below.

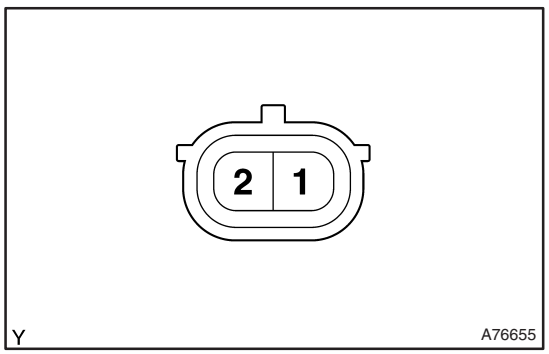
Standard:

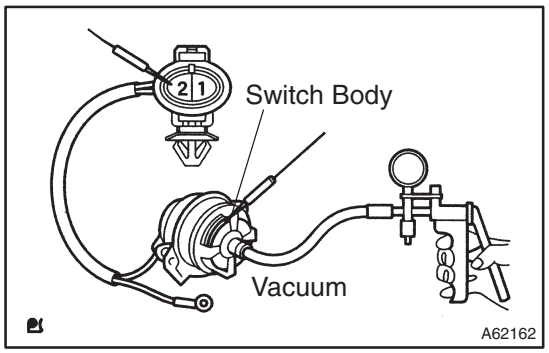
Terminals	Resistance	Temperature
2 (PR2) ⇔3 (E2S)	Below 16.4kΩ	20°C (68 °F)
5 (PR) ⇔4 (E2)	Below 16.4kΩ	20°C (68 °F)
1 (VCS) ⇔2 (PR2)	Below 3kΩ	20°C (68 °F)
6 (VC) ⇔5 (PR)	Below 3kΩ	20°C (68 °F)

(b) Inspect the pressure discharge valve resistance.

(1) Using an ohmmeter, measure the resistance between the terminals.

Resistance: 0.85 to 1.05 Ω at 20°C (68°F)





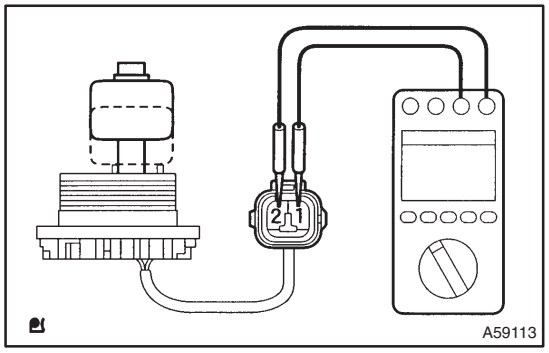
4. FUEL HEATER ASSY (W/ COLD AREA)

(a) Inspect the resistance.

(1) Apply a vacuum of 34.7 ± 5.3 kPa (260 ± 40 mmHg, 10.24 ± 1.57 in Hg) or more to the vacuum switch port.

(2) Using an ohmmeter, measure the resistance between terminal 2 and the switch body.

Resistance: 0.5 to 2.0 Ω at 20°C (68°F)



5. LEVEL WARNING SWITCH

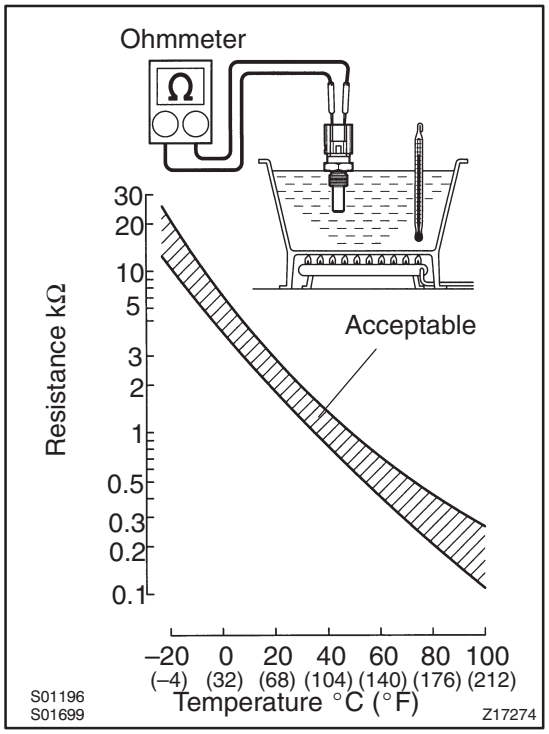
(a) Inspect continuity.

(1) Using an ohmmeter, check that there is continuity between the terminals.

Specified condition:

Float Upper limit: Continuity

Float Lower limit: No continuity



6. FUEL TEMPERATURE SENSOR

(a) Inspect the resistance.

(1) Using an ohmmeter, measure the resistance between the terminals.

Resistance:

2.21 to 2.69 kΩ at 20°C (68°F)

0.287 to 0.349 kΩ at 80°C (176°F)

NOTICE:

In case of checking the fuel temperature sensor in the water, be careful not to allow water top go into the terminals, and after checking, wipe out the sensor.