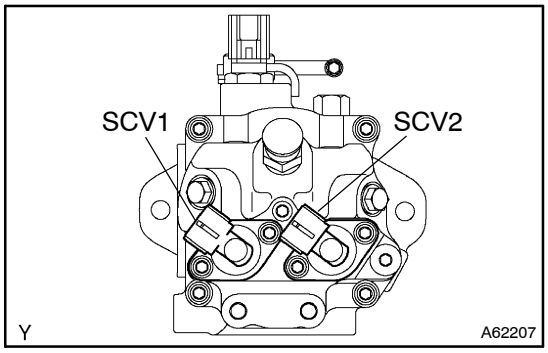
110M2–01

INSPECTION



1. INJECTION OR SUPPLY PUMP ASSY

(a) Resistance inspection. (SCV1)

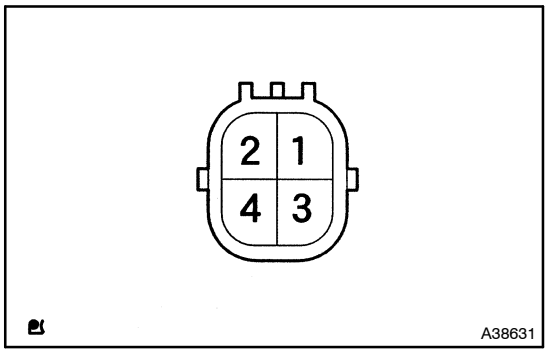
(1) Using an ohmmeter, measure the resistance between terminals.

Resistance: 1.5 – 1.7 Ω at 20°C (68°F)

(b) Resistance inspection. (SCV2)

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

Resistance: 1.5 – 1.7 Ω at 20°C (68°F)

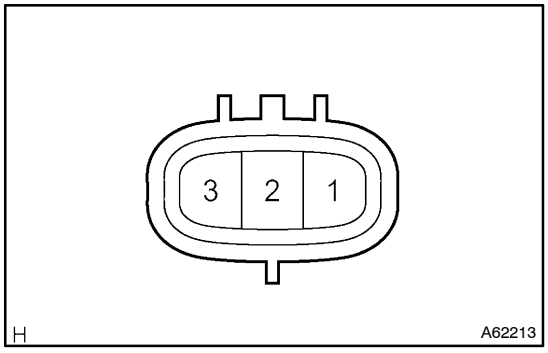


2. INJECTOR ASSY

(a) Resistance inspection.

(1) Using an ohmmeter, measure the resistance between terminals 3 and 4.

Resistance: 2.6 – 2.8 Ω at 20°C (68°F)



3. COMMON RAIL ASSY

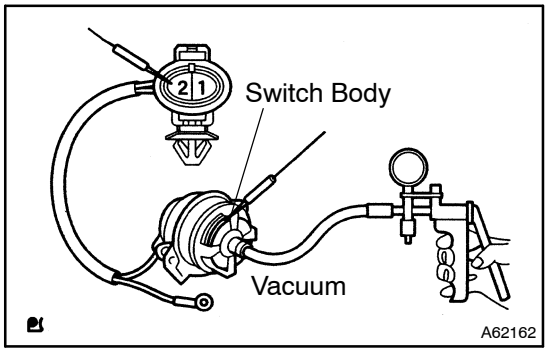
(a) Resistance inspection.

(1) Using an ohmmeter, measure the resistance between terminals 2 and 3.

Resistance: 3 kΩ or less

(2) Using an ohmmeter, measure the resistance between terminals 1 and 2.

Resistance: 16.4 kΩ or less



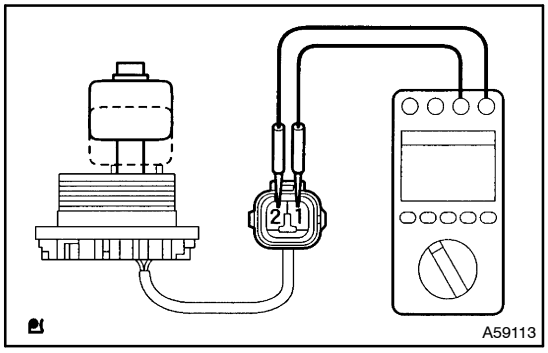
4. FUEL HEATER ASSY (W/ COLD AREA)

(a) Resistance inspection.

(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 switch body.

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



5. LEVEL WARNING SWITCH

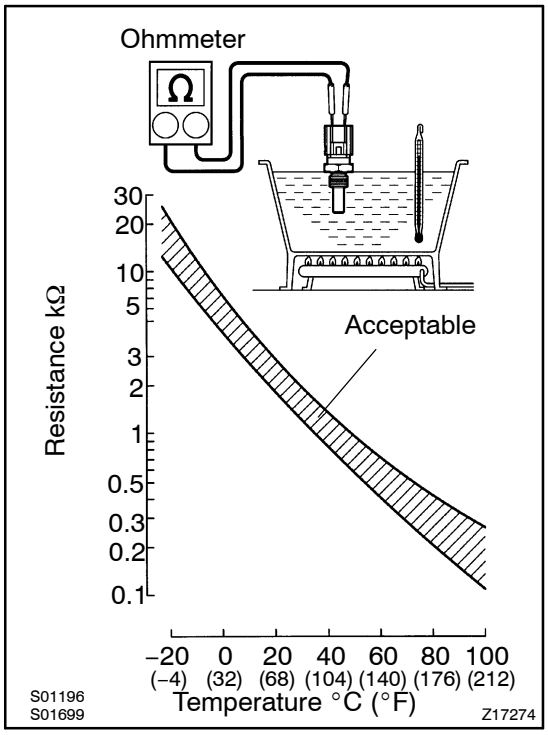
(a) Continuity inspection.

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

Specified condition:

Float Upper limit Continuity

Float Lower limit No continuity



6. FUEL TEMPERATURE SENSOR

(a) Resistance inspection.

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

Resistance:

2.21 – 2.69 kΩ at 20°C (68°F)

0.287 – 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.