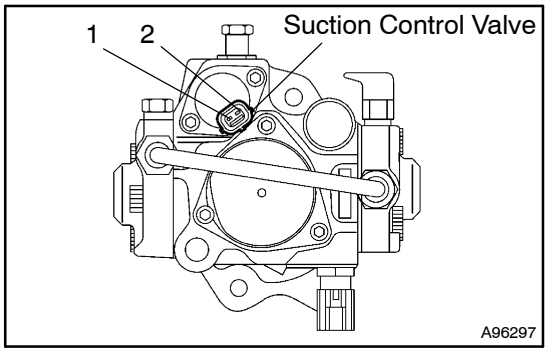
1114F–01

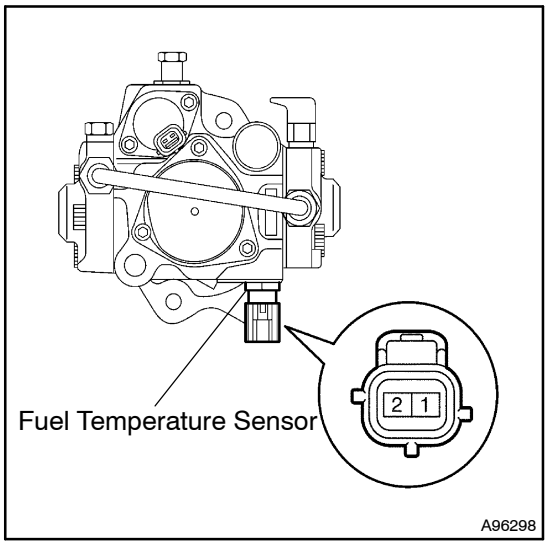
INSPECTION



1. INSPECT SUCTION CONTROL VALVE

(a) Measure the resistance between the terminal 1 and 2.
Standard: 7.6 to 8.2 Ω at 20°C (68°F)

If the result is not as specified, replace the supply pump assy.



2. INSPECT FUEL TEMPERATURE SENSOR

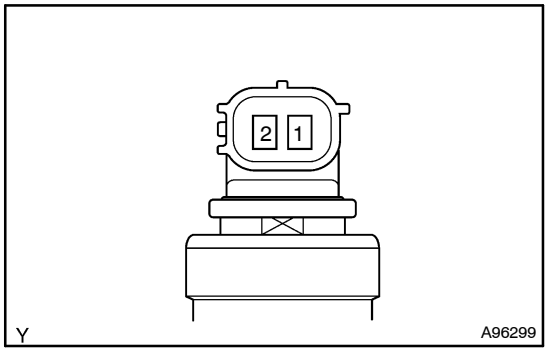
(a) Measure the resistance between the terminal 1 and 2.
Standard:

Condition	Specified Condition
20°C (68°F)	2.32 to 2.59 kΩ
80°C (176°F)	0.310 to 0.326 kΩ

If the result is not as specified, replace the sensor.

NOTICE:

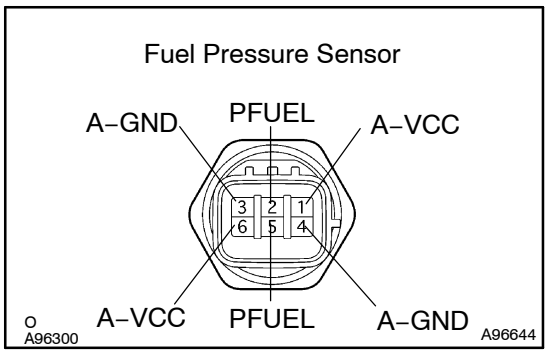
When checking the fuel temperature sensor in water, be careful not to allow water to enter the terminals. After the check, wipe off the sensor.



3. INSPECT INJECTOR ASSY

(a) Measure the resistance between the terminal 1 and 2.
Standard: 0.35 to 0.55 Ω at 20°C (68°F)

If the result is not as specified, replace the injector assy.

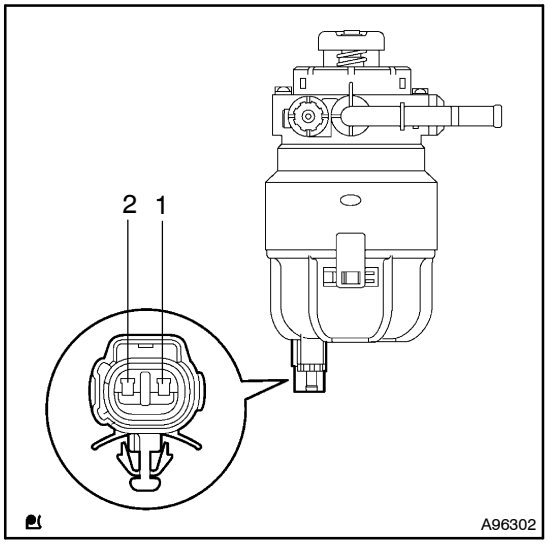


4. INSPECT FUEL PRESSURE SENSOR

(a) Measure the resistance between the terminals.
Standard:

Tester Connection	Specified Condition
F8–2 (PFUEL) – F8–3 (A–GND)	16.4 kΩ or less
F8–5 (PFUEL) – F8–4 (A–GND)	16.4 kΩ or less
F8–1 (A–VCC) – F8–2 (PFUEL)	3 kΩ or less
F8–6 (A–VCC) – F5–5 (PFUEL)	3 kΩ or less

If the result is not as specified, replace the common rail assy.



5. INSPECT LEVEL WARNING SWITCH

(a) Measure the resistance between the terminal 1and 2.

Standard:

Condition	Specified Condition
Upper end of float	Below 1 Ω
Lower end of float	10 kΩ or higher

If the result is not as specified, replace the level warning switch.