160TE–01

ON–VEHICLE INSPECTION

1. INSPECT COOLING FAN AT LOW TEMPERATURE(LOWER THAN 83°C (181°F))

(a) Check that the coolant temperature is lower then 83°C (181°F).

(b) Check that the cooling fan does not rotate when turn the power switch ON (ACC) with the A/C switch OFF.

2. INSPECT COOLING FAN AT HIGH TEMPERATURE (HIGHER THAN 93°C(199°F))

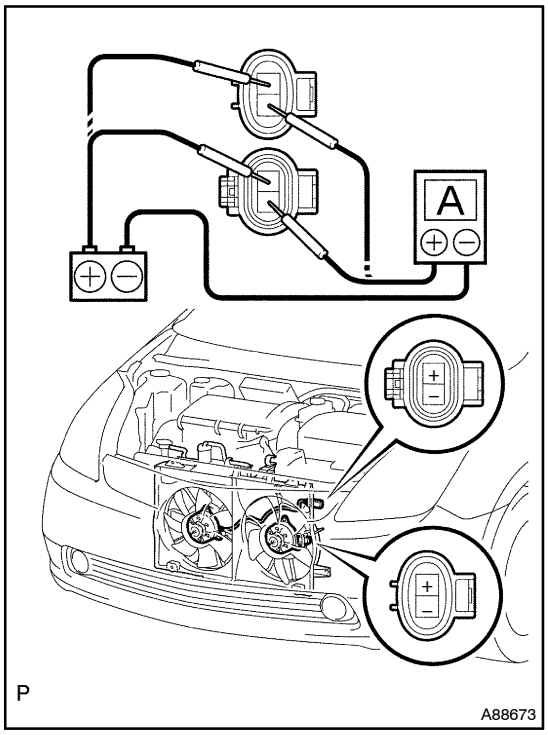
(a) Set the vehicle to the "Inspection Mode–2WD Inspection" (see page 01–5).

(b) Warm up the engine .

(c) Check that the cooling fan starts rotating when the coolant temperature is higher than approximately 100°C (212°F) with the A/C switch OFF and that it stops rotating when the temperature is lower than spproximately 98°C (208°F).

NOTICE:

The coolant temperature is sensed by the water temperature on the water outlet (engine outlet) of the cylinder head.



3. INSPECT COOLING FAN MOTOR

(a) Disconnect the cooling fan motor connector.

(b) Check that the cooling fan rotates smoothly when the battery is connected to the fan motor connector.

(c) Using an ammeter, measure the current with step (b) maintained.

SST 09082–00030, 09083–00150

Standard amperage: 9.2 to 11.0 A

(d) Connect the cooling fan motor connector.