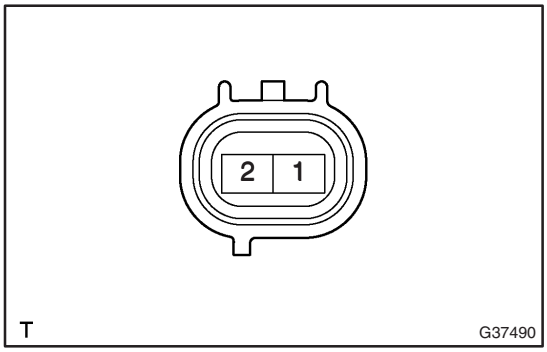
SECONDARY AIR INJECTION SYSTEM (2TR–FE (UNLEADED GASOLINE))

120HC–01

INSPECTION



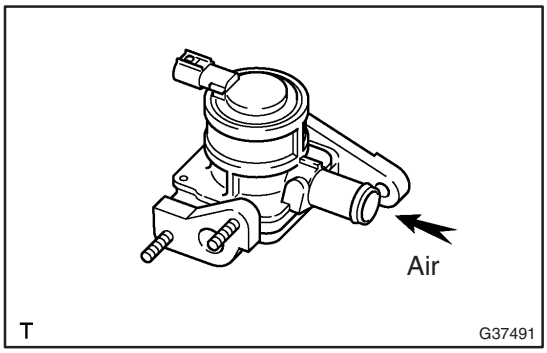
1. AIR SWITCHING VALVE ASSY

(a) Check for open in the air switching valve assy circuit.

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

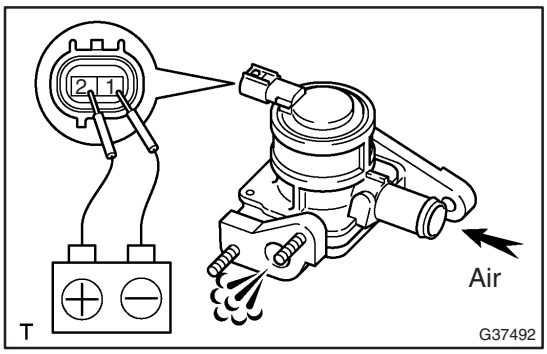
Resistance: 4.5 to 5.5 Ω at 20 °C (68 °F)

If the resistance is not as specified, replace the air switching valve assy.



(b) Inspect the air switching valve assy operation.

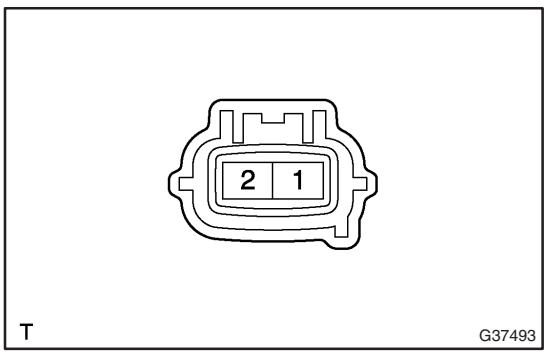
(1) Check that air does not flow from the ports.



(2) Apply battery positive voltage across the terminals.

(3) Check that air flows from the ports.

If operation is not as specified, replace the VSV.



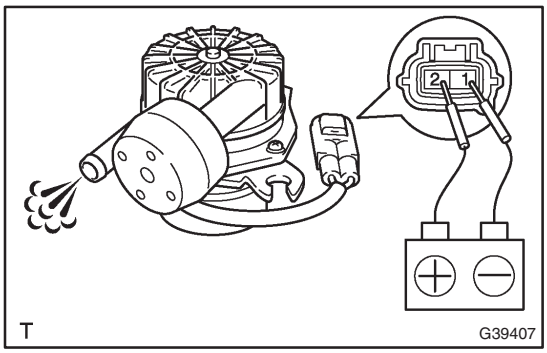
2. AIR PUMP ASSY

(a) Check for open in the air pump assy circuit.

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

Resistance: 0.4 to 1.0 Ω at 20 °C (68 °F)

If the resistance is not as specified, replace the air pump assy.



(b) Apply battery positive voltage across the terminals.
(1) Check that air flows from the ports.

If operation is not as specified, replace the air pump assy.