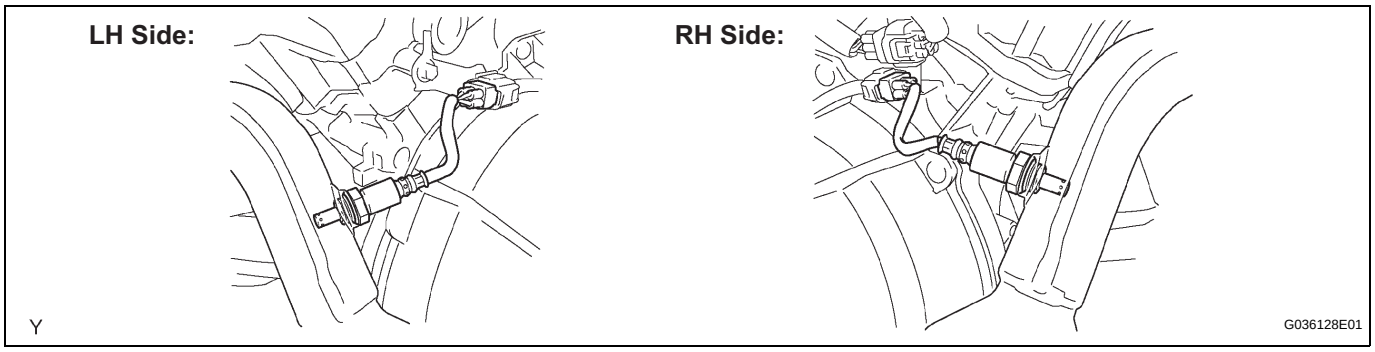
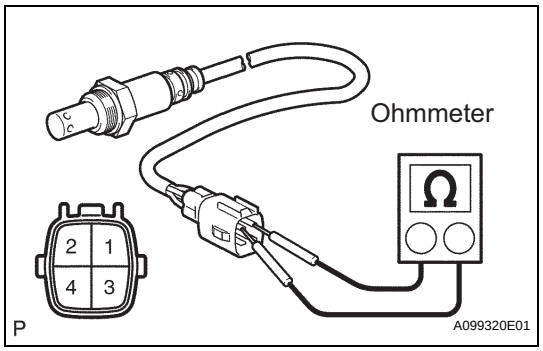
AIR FUEL RATIO SENSOR

REMOVAL

1. **DISCONNECT CABLE FROM BATTERY NEGATIVE TERMINAL**

2. **REMOVE AIR FUEL RATIO SENSOR**
   (a) Disconnect the 2 air fuel ratio sensor connectors.
   (b) Remove the 2 air fuel ratio sensors from the exhaust manifold.





INSPECTION

1. **INSPECT AIR FUEL RATIO SENSOR**
   (a) Check the resistance. (Bank 1 Sensor 1)
      (1) Using an ohmmeter, measure the resistance between the terminals.
      Standard

Tester Connection	Specified Condition
1 (HT) - 2 (+B)	1.8 to 3.4 Ω at 20°C (68°F)
1 (HT) - 4 (E1)	10 kΩ or higher

If the result is not as specified, replace the air fuel ratio sensor.

EC

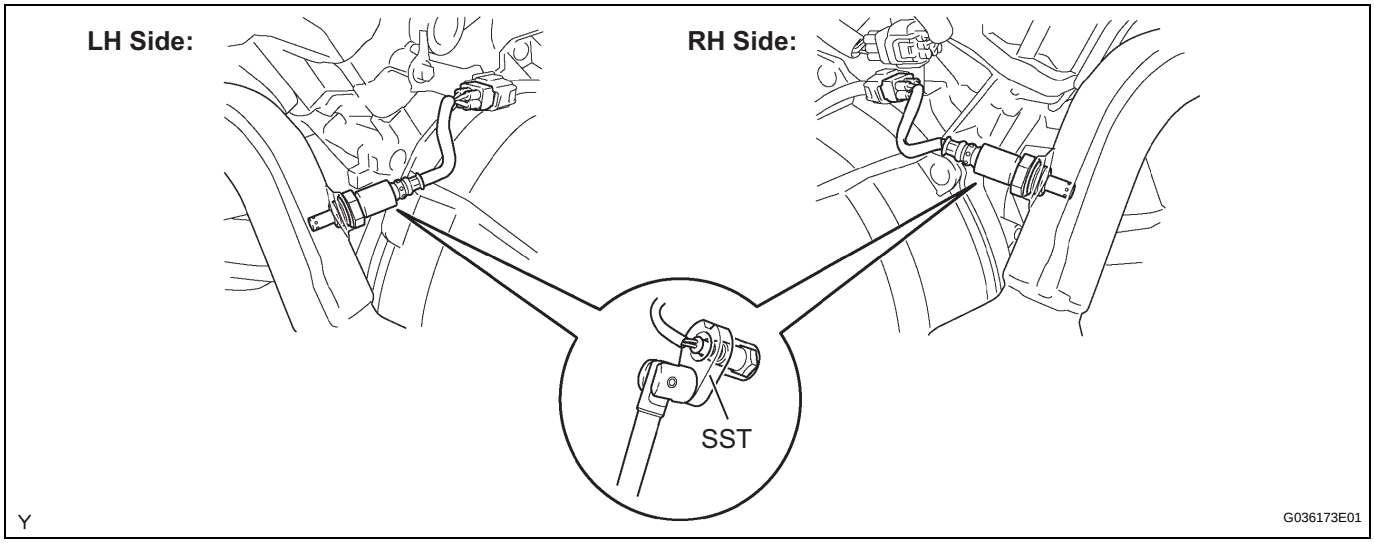
INSTALLATION

1. INSTALL AIR FUEL RATIO SENSOR

(a) Using SST, install the 2 air fuel ratio sensors onto the exhaust manifold.

SST 09224-00010

Torque: 44 N*m (449 kgf*cm, 33 ft.*lbf)



EC

(b) Connect the 2 air fuel ratio sensor connectors.

2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

3. CHECK FOR EXHAUST GAS LEAKAGE