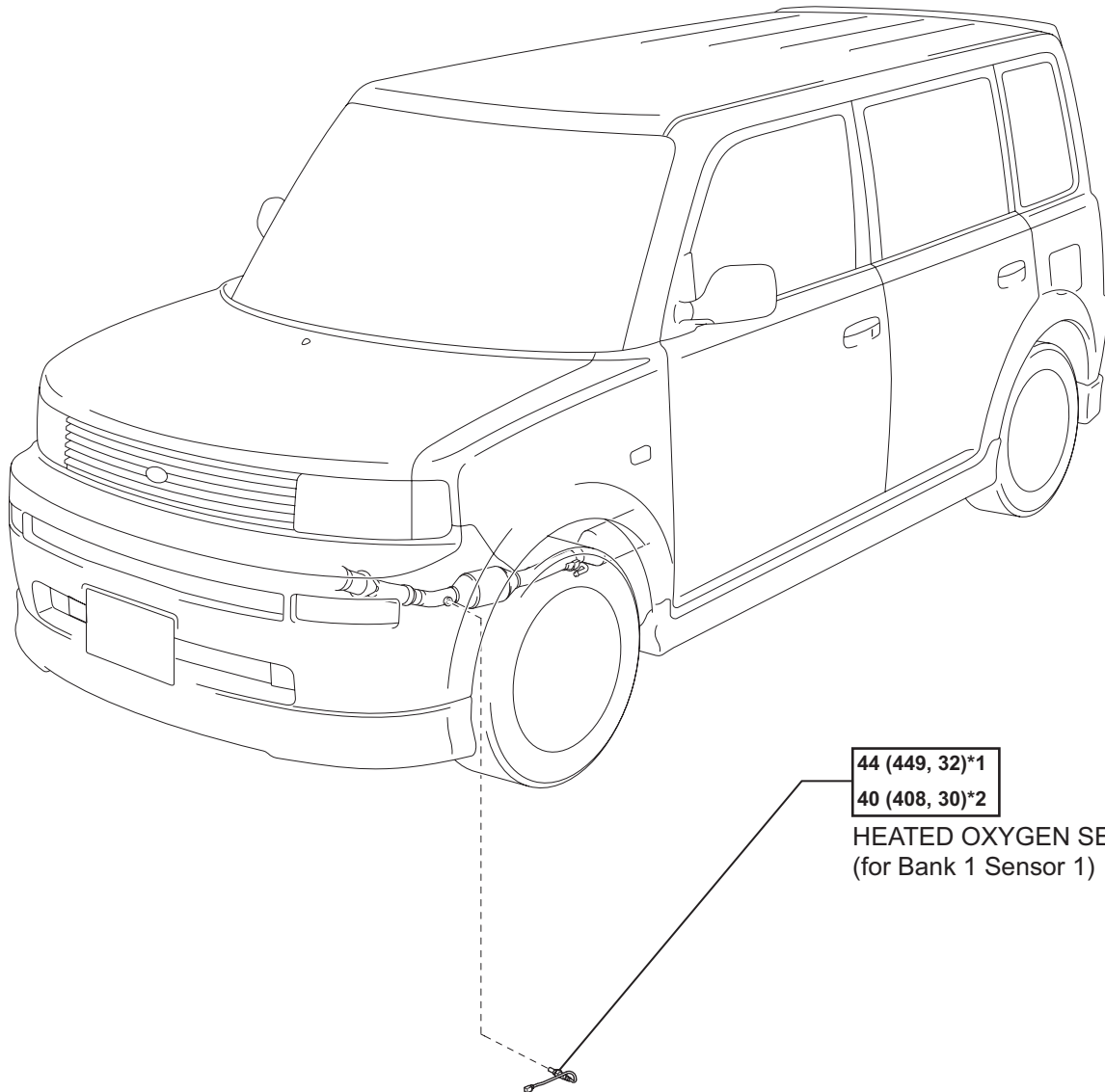


HEATED OXYGEN SENSOR (for Bank 1 Sensor 1)

COMPONENTS



44 (449, 32)*1

40 (408, 30)*2

HEATED OXYGEN SENSOR
(for Bank 1 Sensor 1)

$\boxed{\text{N*m (kgf*cm, ft.*lbf)}}$: Specified torque

*1: For use with SST

*2: For use without SST

ON-VEHICLE INSPECTION

1. CHECK AIR-FUEL RATIO COMPENSATION SYSTEM

HINT:

The system can also be checked by choosing "DATA MONITOR/O₂SENSOR OUTPUT VOLTAGE" on the intelligent tester monitor.

- (a) Connect the intelligent tester to terminals E5-21 (OX1A) and E5-28 (E2) of the ECM.

NOTICE:

Connect test leads from the backside of the connector with the ECU connected.

- (b) Warm up the heated oxygen sensor at an engine speed of 2,500 rpm for approximately 2 minutes.
- (c) Check that the voltage varies between approximately 0 V and 1 V at an engine speed of 2,500 rpm.

OK:

The voltage varies more than 8 times in 10 seconds.

NOTICE:

- Perform the check immediately after warming up the heated oxygen sensor.
- If the voltage variation could not be verified, warm up the heated oxygen sensor again.

2. INSPECT HEATED OXYGEN SENSOR

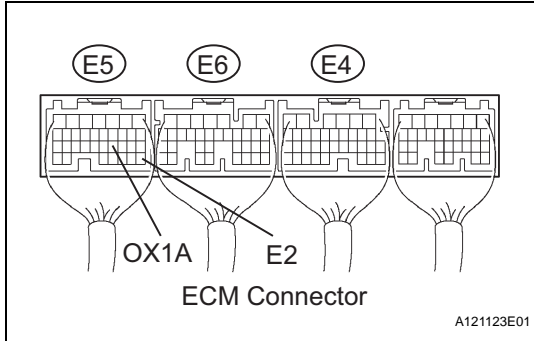
- (a) Disconnect the sensor connector.
- (b) Measure the resistance of the sensor.

Standard resistance

Tester Connection	Specified Condition
1 (HT) - 2 (+B)	11 to 16 Ω at 20°C (68°F)
1 (HT) - 4 (E1)	10 kΩ or higher

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

- (c) Connect the sensor connector.



EC

