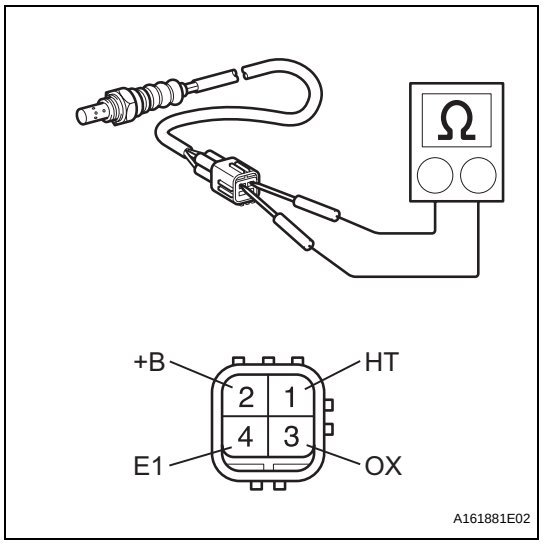


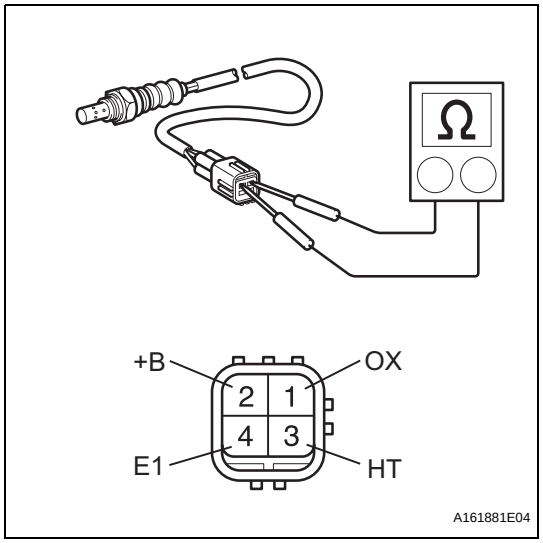
INSPECTION

1. INSPECT HEATED OXYGEN SENSOR (for Bank 1 Sensor 2)

(a) 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 resistance is not as specified, replace the sensor.

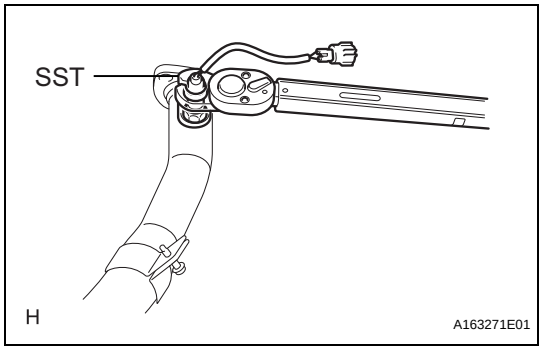


2. HEATED OXYGEN SENSOR (for Bank 2 Sensor 2)

(a) Measure the resistance of the sensor.
Standard resistance

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

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



INSTALLATION

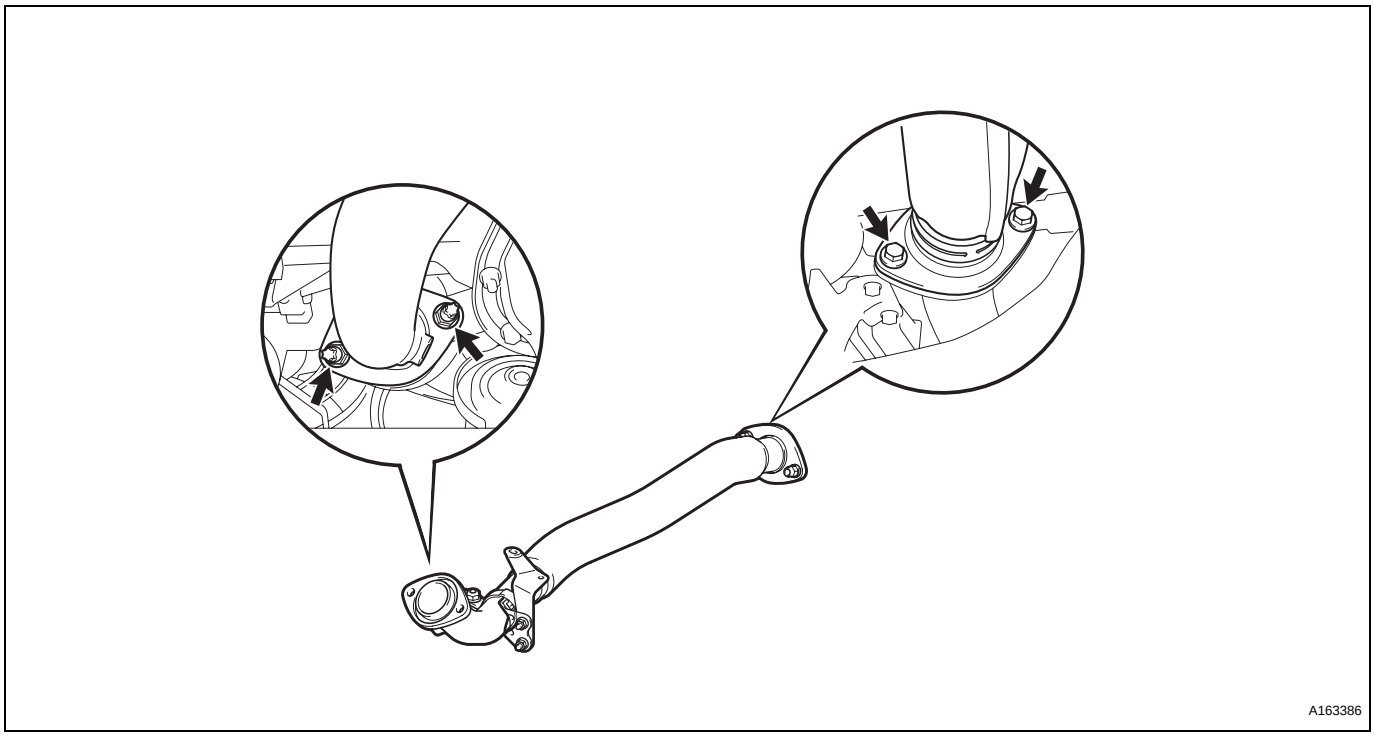
1. INSTALL HEATED OXYGEN SENSOR (for Bank 2 Sensor 2)

(a) Using SST, install the heated oxygen sensor to the front exhaust pipe.
SST 09224-00010
Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf) for use with SST
44 N*m (449 kgf*cm, 32 ft.*lbf) for use without SST
HINT:
- Use a torque wrench with a fulcrum length of 30 cm (11.81 in.).
- Make sure that SST and a wrench are connected in a straight line.

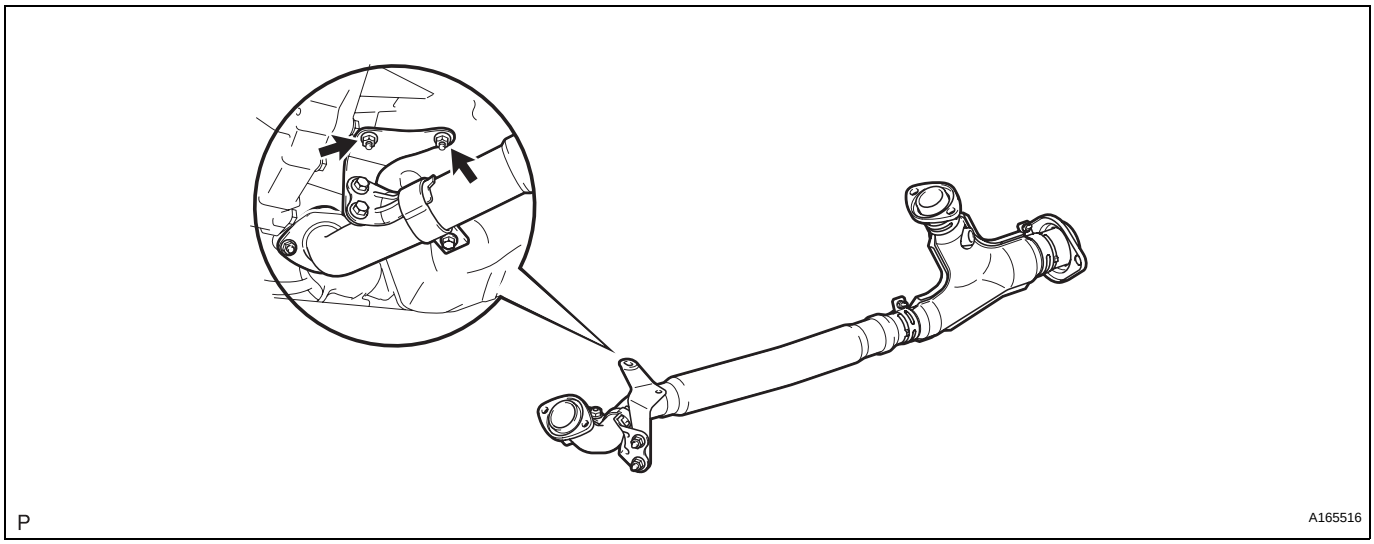
2. INSTALL FRONT EXHAUST PIPE ASSEMBLY

(a) Install 2 new gaskets to the front exhaust pipe assembly.

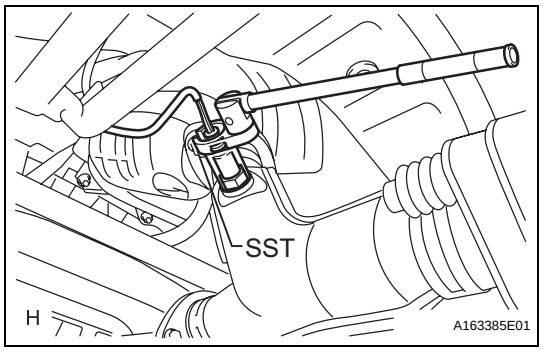
(b) Install the front exhaust pipe assembly with the 2 bolts and 2 nuts.
Torque: Bolt
43 N*m (440 kgf*cm, 32 ft.*lbf)
Nut
62 N*m (632 kgf*cm, 46 ft.*lbf)



(c) Install the No. 1 exhaust pipe support bracket with 2 new nuts.
Torque: 21 N*m (214 kgf*cm, 15 ft.*lbf)



(d) Connect the heated oxygen sensor (for Bank 2 sensor 2) connector.



3. INSTALL HEATED OXYGEN SENSOR (for Bank 1 Sensor 2)

(a) Using SST, install the heated oxygen sensor.
SST 09224-00010
Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf) for use with SST
44 N*m (449 kgf*cm, 32 ft.*lbf) for use without SST

(b) Connect the heated oxygen sensor (for Bank 1 Sensor 2) connector.
HINT:
- Use a torque wrench with a fulcrum length of 30 cm (11.81 in.).
- Make sure that SST and a wrench are connected in a straight line.

4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

5. INSPECT FOR EXHAUST GAS LEAK

EC