

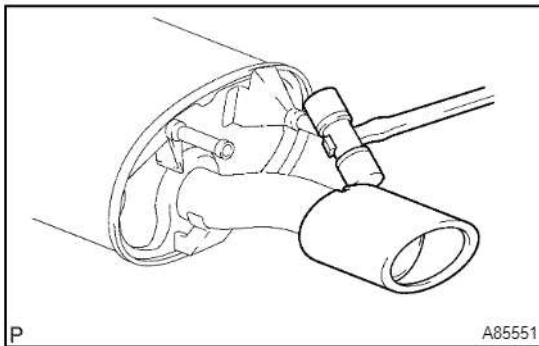
15084-01





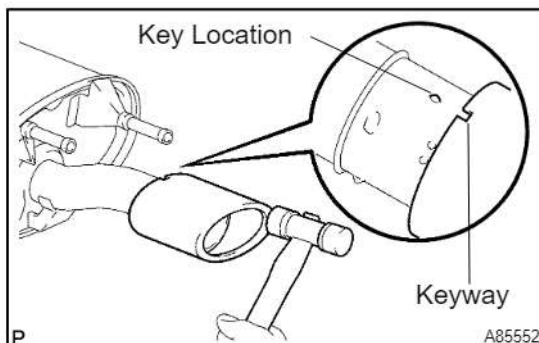
REPLACEMENT

1. **REMOVE FLOOR PANEL BRACE REAR**
 - (a) Remove the 2 bolts and panel brace.
2. **REMOVE EXHAUST PIPE DAMPER (A/T)**
 - (a) Remove the 2 bolts and damper.
3. **REMOVE EXHAUST PIPE ASSY CENTER**
 - (a) Remove the 2 bolts, 2 nuts and pipe center from the pipe front.
 - (b) Remove the 2 nuts and pipe center from the pipe tail.
 - (c) Remove the pipe center from the 2 pipe supports.
4. **Bank 1 sensor 2:**
REMOVE HEATED OXYGEN SENSOR
 - (a) Disconnect the sensor connector.
 - (b) Remove the sensor.
5. **Bank 1 sensor 3:**
REMOVE HEATED OXYGEN SENSOR
 - (a) Disconnect the sensor from the front pipe.
6. **REMOVE FRONT EXHAUST PIPE NO. 1 SUPPORT BRACKET**
 - (a) Remove the 2 nuts and front support bracket.
7. **REMOVE REAR EXHAUST PIPE NO. 1 SUPPORT BRACKET**
 - (a) Remove the 2 bolts and rear support bracket.
8. **REMOVE EXHAUST PIPE ASSY FRONT**
 - (a) Remove the 2 nuts and pipe front.
9. **REMOVE EXHAUST PIPE ASSY TAIL**
 - (a) Remove the pipe tail from the 3 pipe supports.



10. REMOVE TAIL PIPE BAFFLE

- (a) Using a plastic hammer, tap the baffle uniformly to remove it.



11. INSTALL TAIL PIPE BAFFLE

- (a) Align the keyway of the baffle with the key location on the pipe.
- (b) Using a plastic hammer, tap the baffle to install it.

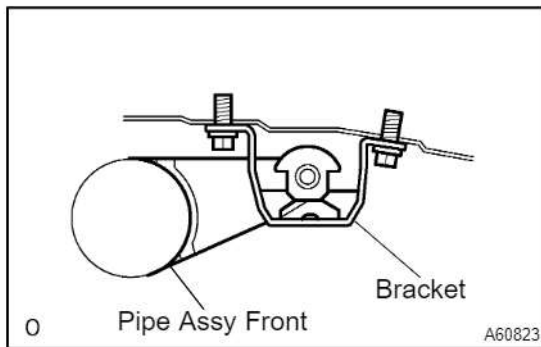
12. INSTALL EXHAUST PIPE ASSY TAIL

- (a) Install the pipe to the 3 pipe supports.

13. INSTALL EXHAUST PIPE ASSY FRONT

- (a) Install a new gasket and the pipe front to the manifold converter with the 2 nuts.

Torque: 62 N·m (632 kgf·cm, 46 ft·lbf)



14. INSTALL REAR EXHAUST PIPE NO. 1 SUPPORT BRACKET

- (a) Install the rear support bracket with the 2 bolts.

Torque: 33 N·m (337 kgf·cm, 24 ft·lbf)

NOTICE:

Do not install the bracket facing the wrong direction.

15. INSTALL FRONT EXHAUST PIPE NO. 1 SUPPORT BRACKET

- (a) Install the front support bracket with the 2 nuts.

Torque: 33 N·m (337 kgf·cm, 24 ft·lbf)

16. Bank 1 sensor 2:

INSTALL HEATED OXYGEN SENSOR

- (a) Install the sensor.

Torque: 44 N·m (449 kgf·cm, 32 ft·lbf)

- (b) Connect the sensor connector.

17. Bank 1 sensor 3:

INSTALL HEATED OXYGEN SENSOR

- (a) Install the sensor.

Torque: 44 N·m (449 kgf·cm, 32 ft·lbf)

HINT:

- Before installing the sensor, twist the sensor wire counterclockwise 3 and 1/2 turns.
- After installing the sensor, check that the sensor wire is not twisted. If it is twisted, remove the sensor and reinstall it.

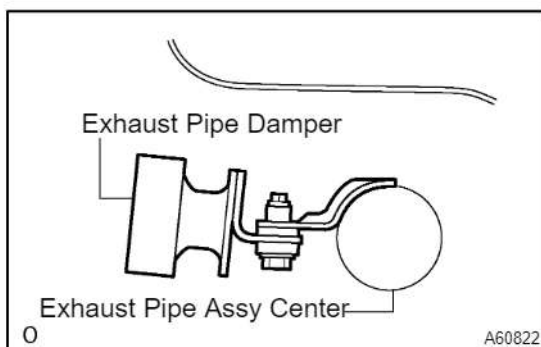
18. INSTALL EXHAUST PIPE ASSY CENTER

- (a) Install a new gasket and the pipe center to the pipe front with the 2 bolts and 2 nuts.

Torque: 56 N·m (571 kgf·cm, 41 ft·lbf)

- (b) Install a new gasket and the pipe center to the pipe tail with the 2 nuts.

Torque: 56 N·m (571 kgf·cm, 41 ft·lbf)



19. INSTALL EXHAUST PIPE DAMPER (A/T)

- (a) Install the damper with the 2 bolts.

Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

NOTICE:

Do not install the damper facing the wrong direction.

20. INSTALL FLOOR PANEL BRACE REAR

- (a) Install the brace with the 2 bolts.

Torque: 19.5 N·m (199 kgf·cm, 14 ft·lbf)

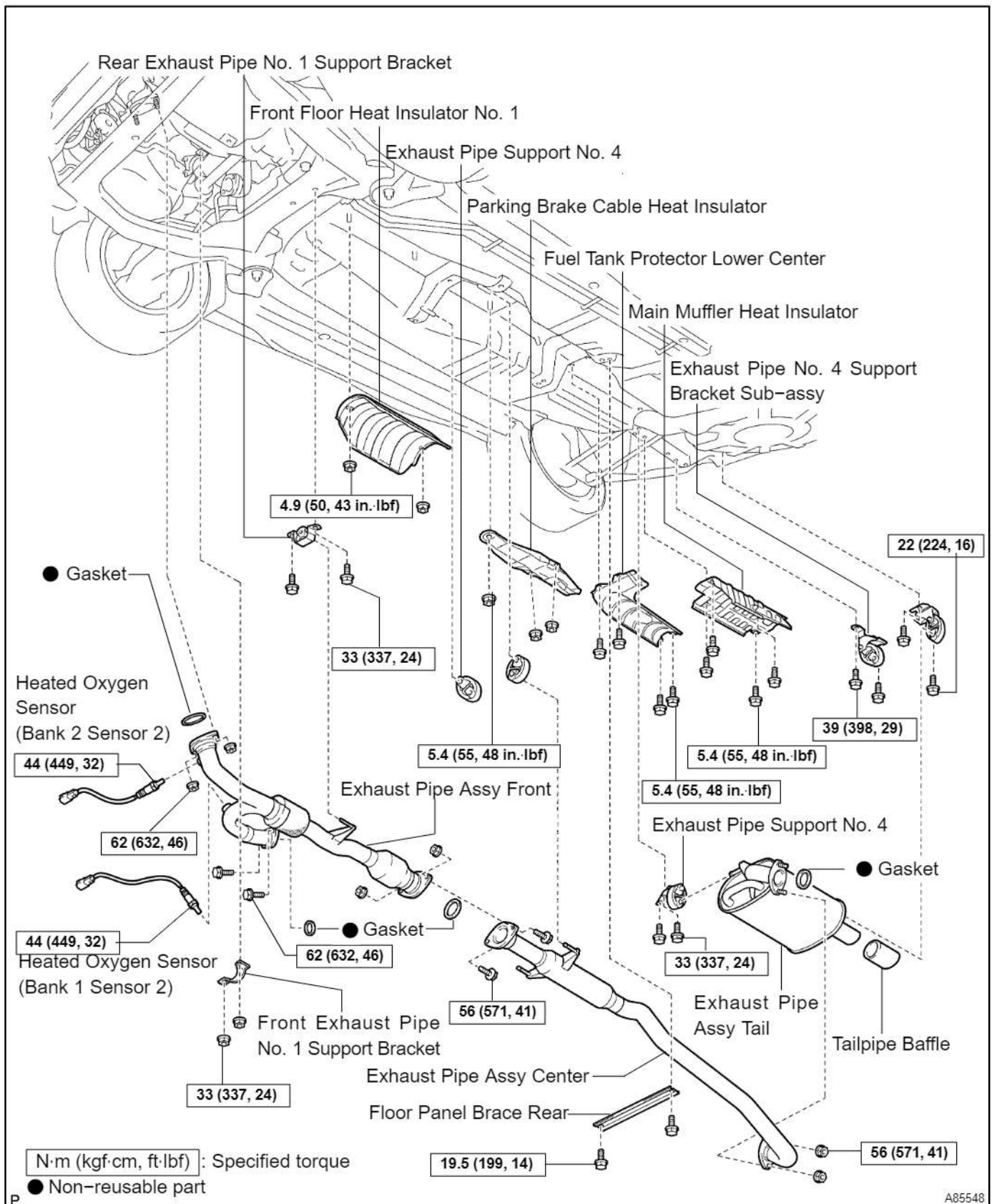
21. CHECK FOR EXHAUST GAS LEAKS

If the exhaust pipe is loose, tighten it.
If damaged, replace it.

EXHAUST PIPE ASSY (1MZ-FE/3MZ-FE)

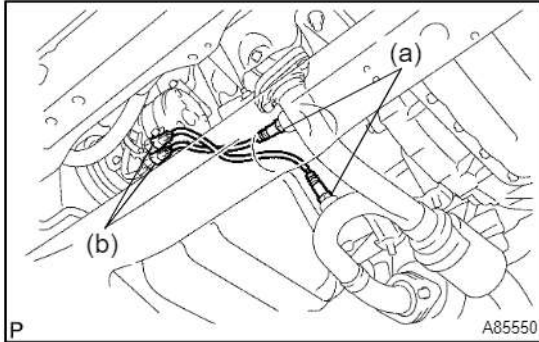
COMPONENTS

150B1-02



A85548

REPLACEMENT



1. Bank 1 sensor 2 and bank 2 sensor 2: REMOVE HEATED OXYGEN SENSOR

- (a) Disconnect the 2 sensor connectors.
- (b) Remove the 2 sensors.

2. REMOVE FRONT EXHAUST PIPE NO. 1 SUPPORT BRACKET

- (a) Remove the 2 nuts and front support bracket.

3. REMOVE FLOOR PANEL BRACE REAR

- (a) Remove the 2 bolts and brace.

4. REMOVE REAR EXHAUST PIPE NO. 1 SUPPORT BRACKET

- (a) Remove the 2 bolts and rear support bracket.

5. REMOVE EXHAUST PIPE ASSY FRONT

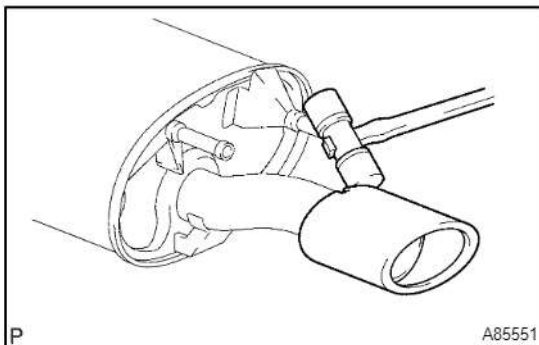
- (a) Remove the 2 nuts holding the manifold converter No. 2 to the pipe front.
- (b) Remove the 2 bolts holding the manifold converter RH to the pipe front.
- (c) Remove the 2 bolts and 2 nuts holding the center to the pipe front. Then remove the pipe front.

6. REMOVE EXHAUST PIPE ASSY CENTER

- (a) Remove the 2 nuts from the pipe tail.
- (b) Remove the pipe center from the 2 pipe supports.
- (c) Remove the gasket between the pipe center and pipe tail.

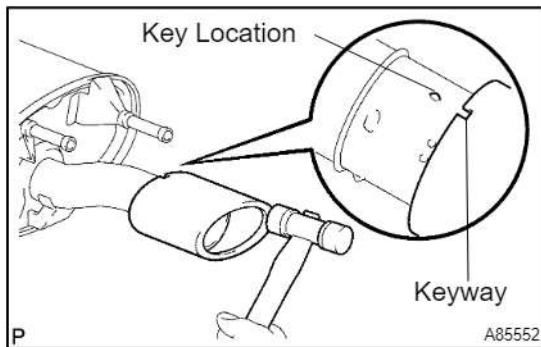
7. REMOVE EXHAUST PIPE ASSY TAIL

- (a) Remove the pipe tail from the 3 pipe supports.



8. REMOVE TAIL PIPE BAFFLE

- (a) Using a plastic hammer, tap the baffle uniformly to remove it.

**9. INSTALL TAIL PIPE BAFFLE**

- (a) Align the keyway of the baffle with the key location on the pipe assy tail.
- (b) Using a plastic hammer, tap the baffle to install it.

10. INSTALL EXHAUST PIPE ASSY TAIL

- (a) Install the pipe tail to the 3 pipe supports.

11. INSTALL EXHAUST PIPE ASSY CENTER

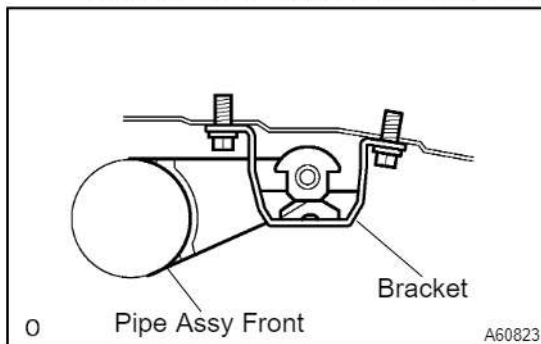
- (a) Install a new gasket between the pipe center and pipe tail.
- (b) Install the pipe center to the 2 exhaust pipe supports.
- (c) Install the pipe center with the 2 nuts.

Torque: 56 N·m (571 kgf·cm, 41 ft·lbf)

12. INSTALL EXHAUST PIPE ASSY FRONT

- (a) Install 3 new gaskets to the pipe front.
- (b) Install the pipe front to the manifold converter RH with the 2 bolts.
- (c) Install the pipe front to the manifold converter No. 2 with the 2 nuts.
- (d) Install the pipe front to the pipe center with the 2 bolts and 2 nuts.

Torque: 56 N·m (571 kgf·cm, 41 ft·lbf)

**13. INSTALL REAR EXHAUST PIPE NO. 1 SUPPORT BRACKET**

- (a) Install the rear support bracket with the 2 bolts.

Torque: 33 N·m (337 kgf·cm, 24 ft·lbf)

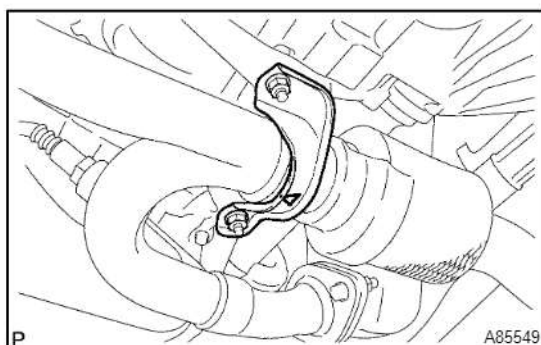
NOTICE:

Do not install the bracket facing the wrong direction.

14. INSTALL FLOOR PANEL BRACE REAR

- (a) Install the floor panel brace with the 2 bolts.

Torque: 19.5 N·m (199 kgf·cm, 14 ft·lbf)

**15. INSTALL FRONT EXHAUST PIPE NO. 1 SUPPORT BRACKET**

- (a) Install the front support bracket with the 2 nuts.

Torque: 33 N·m (337 kgf·cm, 24 ft·lbf)

NOTICE:

Do not install the support bracket facing the wrong direction.

16. Bank 1 sensor 2 and bank 2 sensor 2:**INSTALL HEATED OXYGEN SENSOR**

- (a) Install the 2 sensors.

Torque: 44 N·m (449 kgf·cm, 32 ft·lbf)

- (b) Connect the 2 sensor connectors.

17. CHECK FOR EXHAUST GAS LEAKS

If the exhaust pipe is loose, tighten it.

If damaged, replace it.