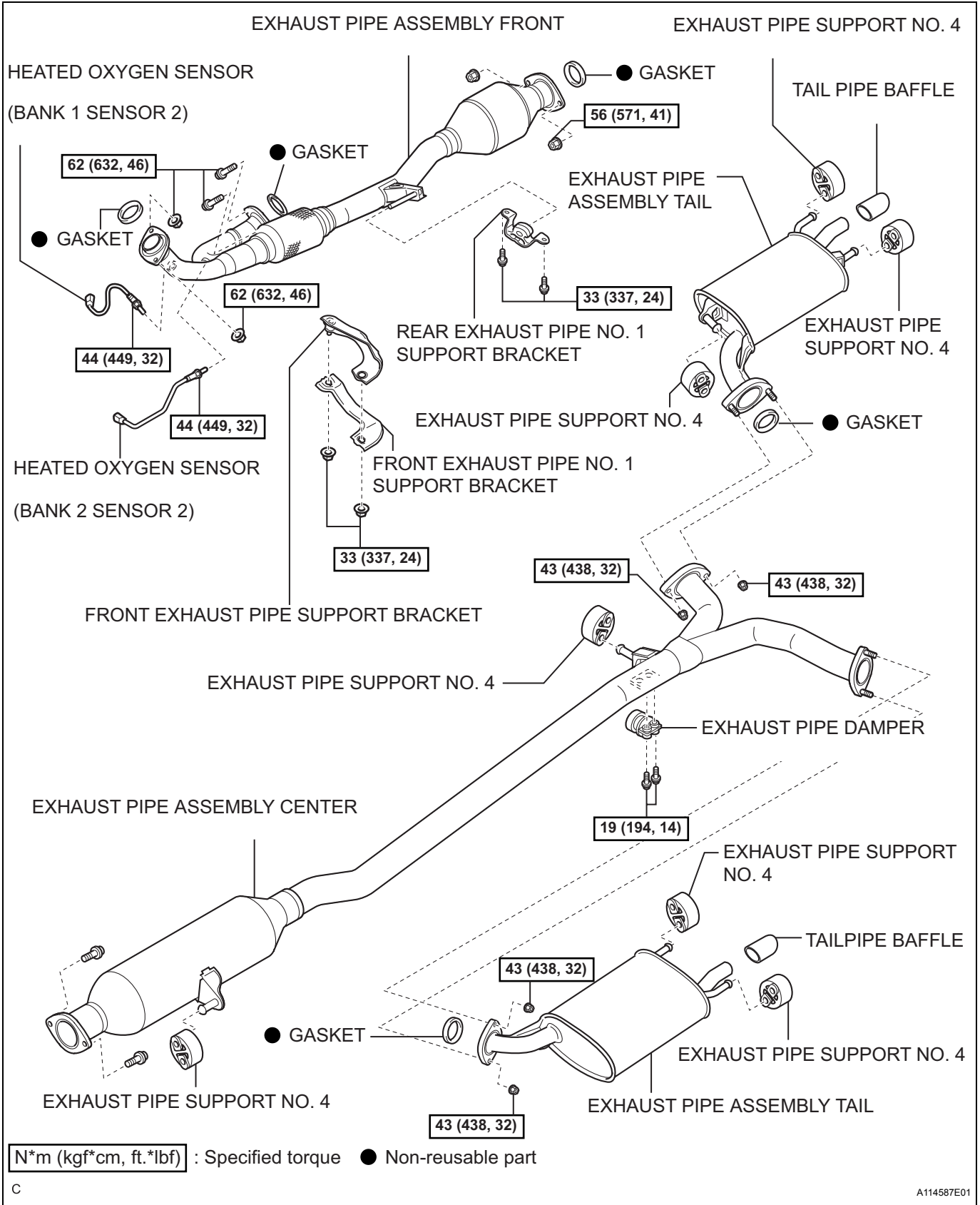


EXHAUST PIPE COMPONENTS



REMOVAL

NOTICE:

Check if an old gasket still remains on the pipe. If so, remove it. Also, check if any bolts or nuts are rusted. If so, replace them.

1. REMOVE HEATED OXYGEN SENSOR

- (a) Disconnect the 2 heated oxygen sensor (bank 1, 2 sensor 2) connectors.
- (b) Remove the 2 heated oxygen sensors (bank 1, 2 sensor 2).

2. REMOVE FRONT EXHAUST PIPE NO. 1 SUPPORT BRACKET

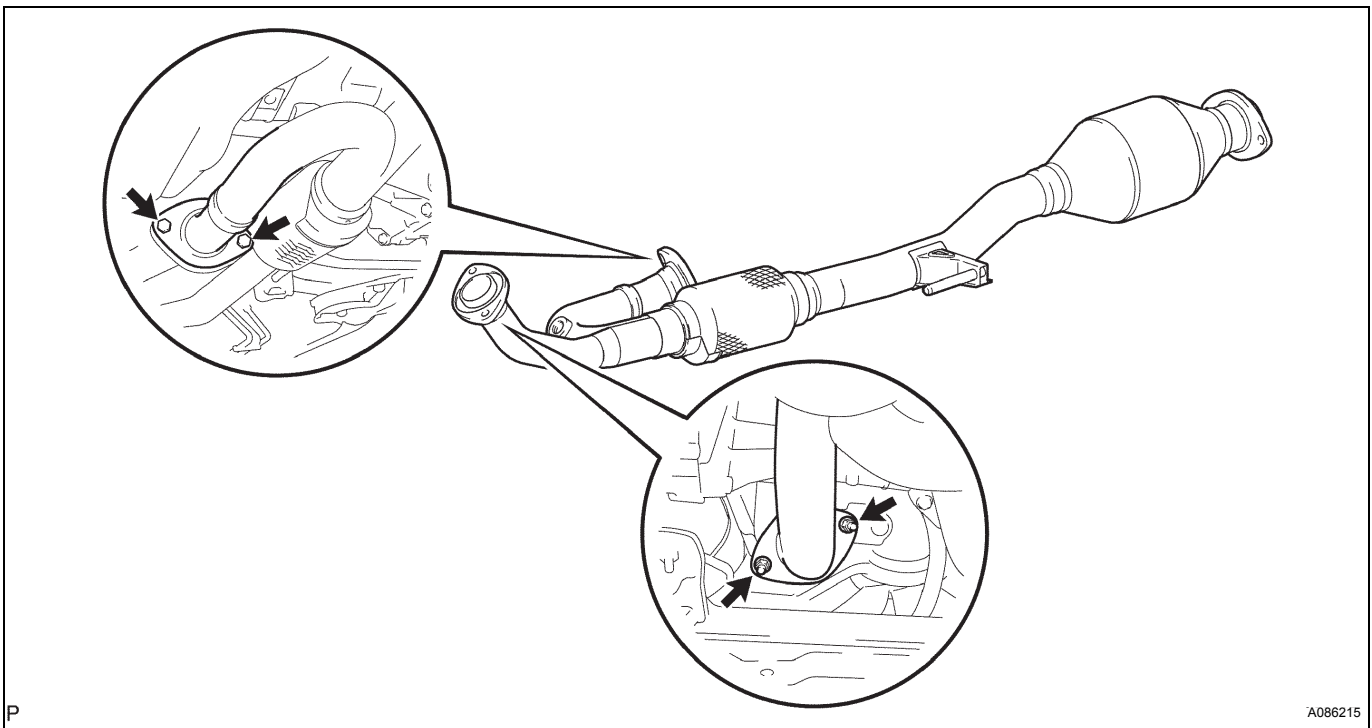
- (a) Remove the 2 nuts and front support brackets.

3. REMOVE REAR EXHAUST PIPE NO. 1 SUPPORT BRACKET

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

4. REMOVE EXHAUST PIPE ASSEMBLY FRONT

- (a) Remove the 2 nuts from the exhaust pipe front (left bank exhaust manifold side).
- (b) Remove the 2 bolts from the exhaust pipe front (right bank exhaust pipe manifold side). Then remove the exhaust pipe front.
- (c) Remove the 3 gaskets from the exhaust pipe front. (exhaust pipe center side). Then remove the exhaust pipe front.
- (d) Remove the 3 gaskets from the exhaust pipe front.



5. REMOVE EXHAUST PIPE ASSEMBLY CENTER

- (a) Remove the 4 nuts from the 2 exhaust pipe tails.
- (b) Disconnect the 2 exhaust pipe supports and remove the exhaust pipe center.

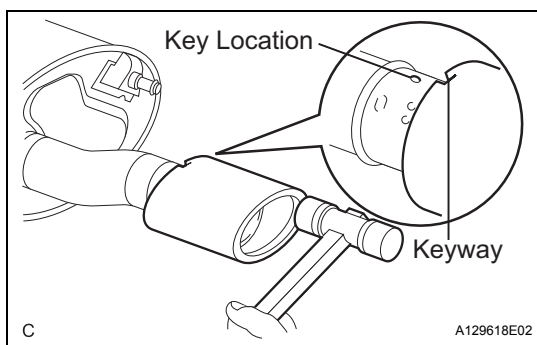
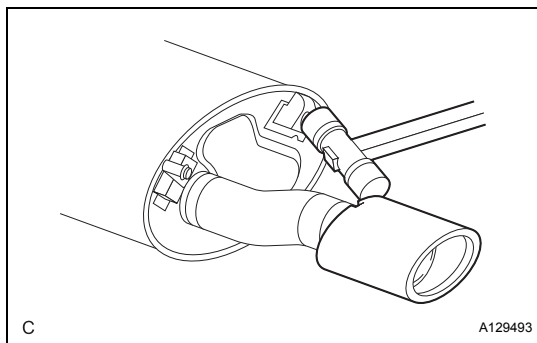
- (c) Remove the 2 gaskets from the exhaust pipe center.
- (d) Remove the 2 bolts from the exhaust pipe damper.

6. REMOVE EXHAUST PIPE ASSEMBLY TAIL

- (a) Disconnect the 5 exhaust pipe supports and remove the 2 exhaust pipe tails.

7. REMOVE EXHAUST TAIL PIPE Baffle SUB ASSEMBLY

- (a) Using a plastic hammer, tap out the baffles uniformly to remove them from each exhaust pipe tail.



INSTALLATION

1. INSTALL EXHAUST TAIL PIPE Baffle SUB ASSEMBLY

- (a) Align the groove on the exhaust tail pipe baffle with the projection on the exhaust pipe tail.

2. INSTALL EXHAUST PIPE ASSEMBLY TAIL

- (a) Connect the 5 exhaust pipe supports and install the 2 exhaust pipe tails.

3. INSTALL EXHAUST PIPE ASSEMBLY CENTER

- (a) Install the exhaust pipe damper to the exhaust pipe center with the 2 bolts.

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

- (b) Install 2 new gaskets between the exhaust pipe center and exhaust pipe tails.

- (c) Connect the 2 exhaust pipe supports and install the exhaust pipe center.

- (d) Install the exhaust pipe center to the 2 exhaust pipe tails with the 4 nuts.

Torque: 43 N*m (438 kgf*cm, 32 ft.*lbf)

4. INSTALL EXHAUST PIPE ASSEMBLY FRONT

- (a) Install 3 new gaskets to the exhaust pipe fronts.

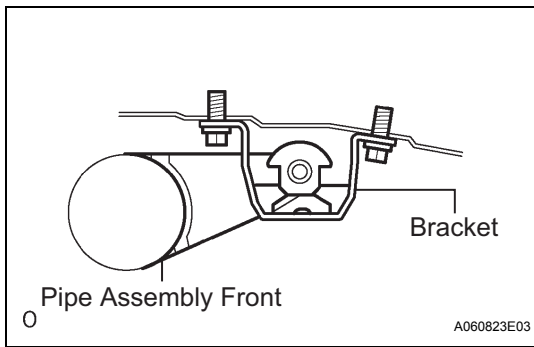
- (b) Install the exhaust pipe front to the exhaust manifolds with the 2 nuts and 2 bolts.

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

- (c) Install the exhaust pipe front to the exhaust pipe center with the 2 nuts and 2 bolts.

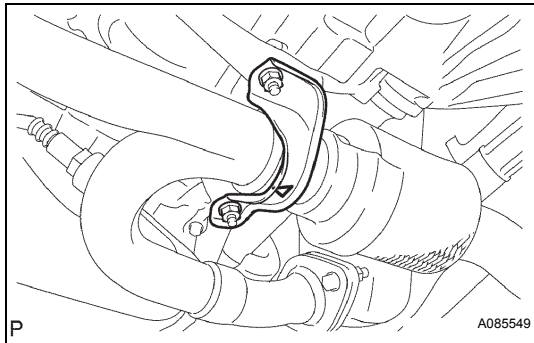
Torque: 56 N*m (571 kgf*cm, 41 ft.*lbf)

EX



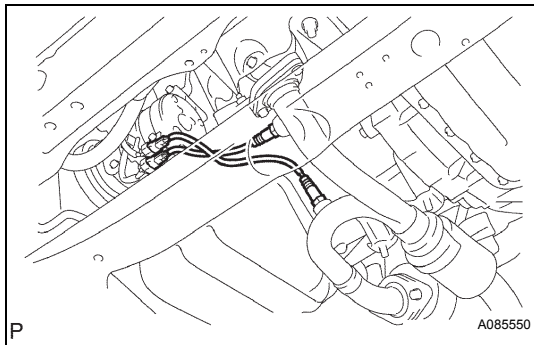
5. INSTALL REAR EXHAUST PIPE NO. 1 SUPPORT BRACKET

- (a) Install the rear support bracket with the 2 bolts.
Torque: 33 N*m (337 kgf*cm, 24 ft.*lbf)
NOTICE:
Be sure to install the bracket in the correct direction.



6. INSTALL FRONT EXHAUST PIPE NO. 1 SUPPORT BRACKET

- (a) Install the front support brackets with the 2 nuts.
Torque: 33 N*m (337 kgf*cm, 24 ft.*lbf)
NOTICE:
Be sure to install the support bracket in the correct direction.



7. INSTALL HEATED OXYGEN SENSOR

- (a) Install the 2 heated oxygen sensors (bank 1, 2 sensor 2).
Torque: 44 N*m (449 kgf*cm, 32 ft.*lbf)
 (b) Connect the 2 heated oxygen sensor (bank 1, 2 sensor 2) connectors.

8. CHECK FOR EXHAUST GAS LEAKS

If gas is leaking, tighten the areas necessary to stop the leak. Replace damaged parts as necessary.