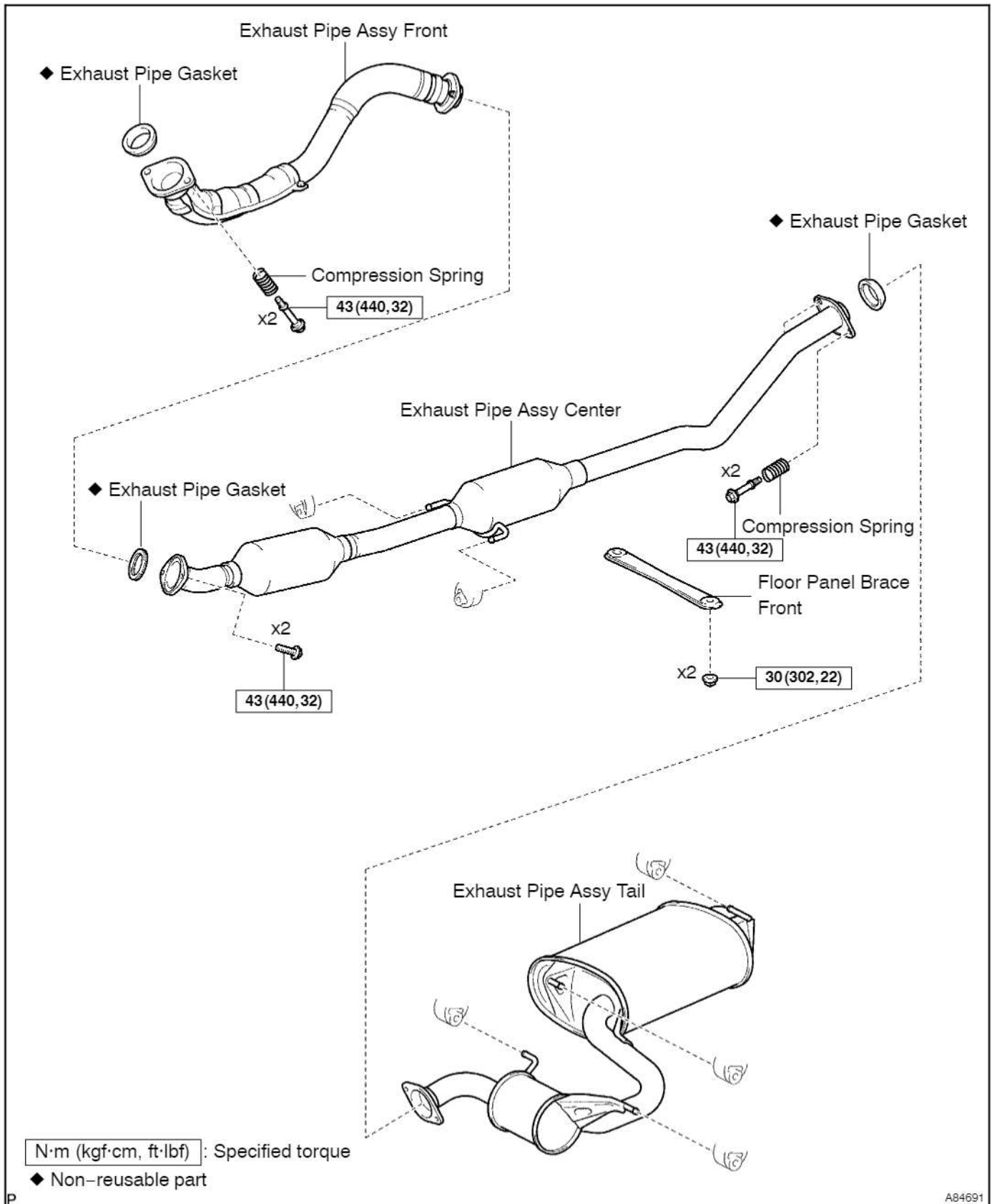


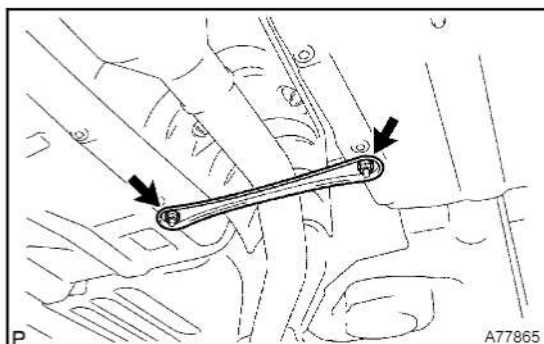
EXHAUST PIPE ASSY (2AZ-FSE)

COMPONENTS

150C8-01



Removal & Installation and Disassembly & Reassembly

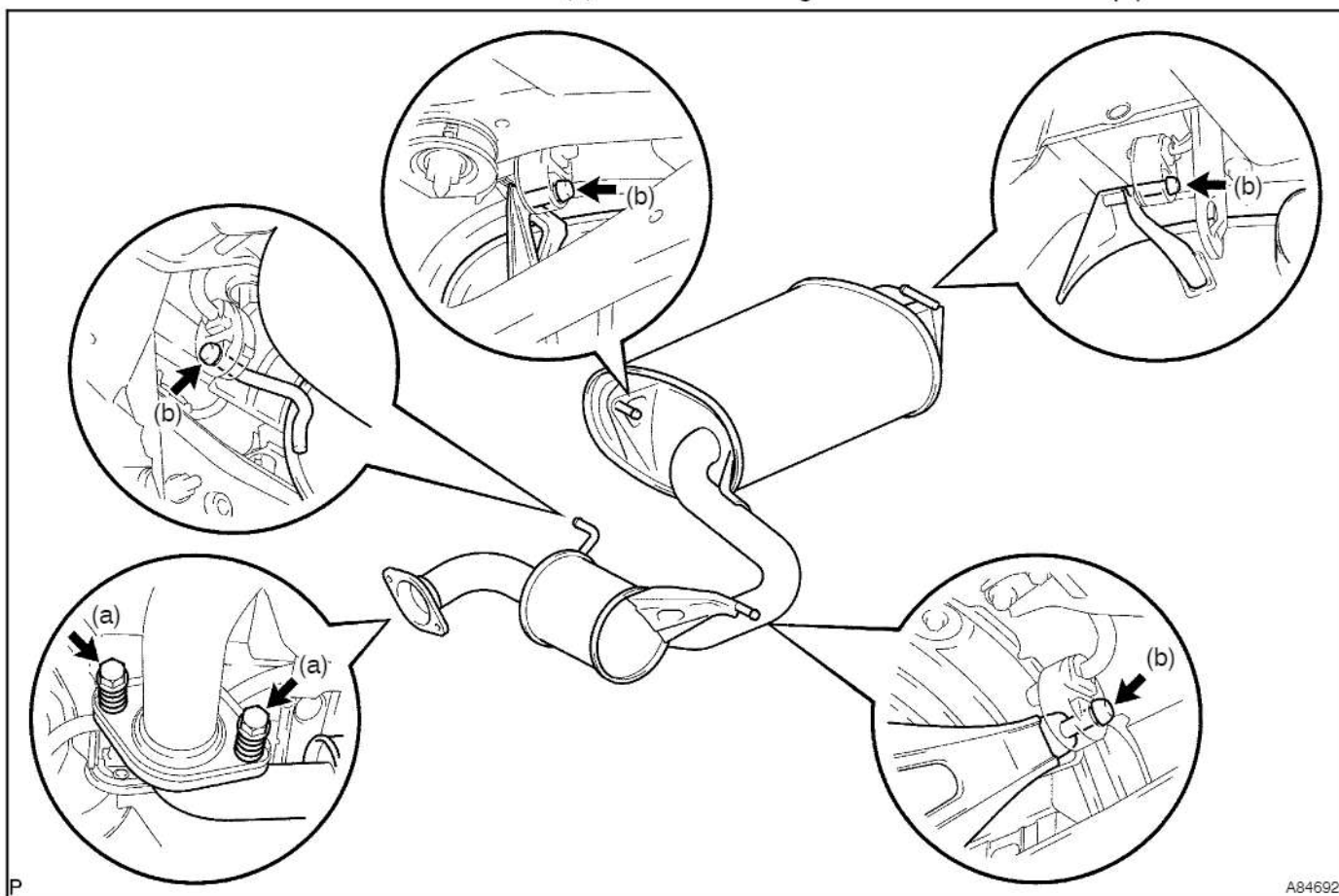


1. REMOVE FLOOR PANEL BRACE FRONT

- (a) Remove the 2 nuts, then remove the floor panel brace front.

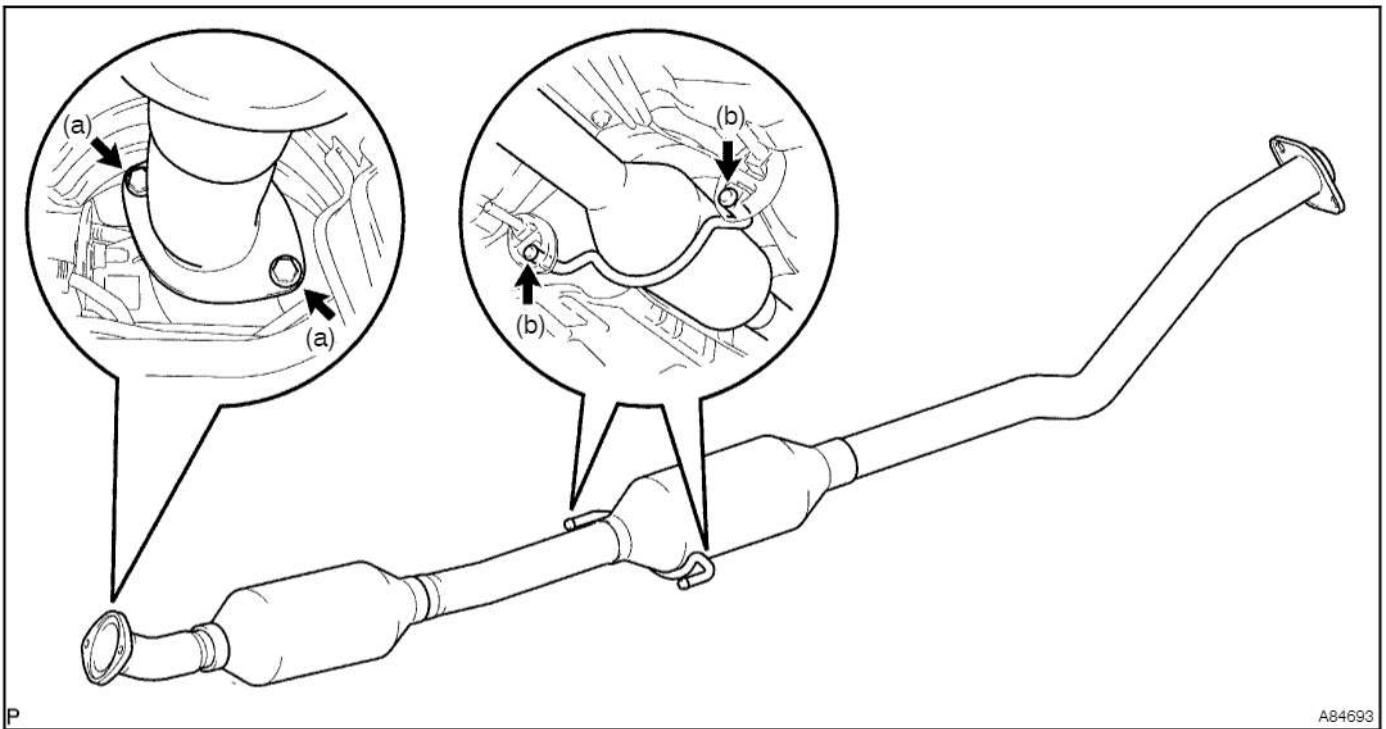
2. REMOVE EXHAUST PIPE ASSY TAIL

- (a) Remove the 2 bolts and 2 compression springs.
(b) Remove the exhaust pipe from the 4 exhaust pipe supports.
(c) Remove the gasket from the exhaust pipe center.

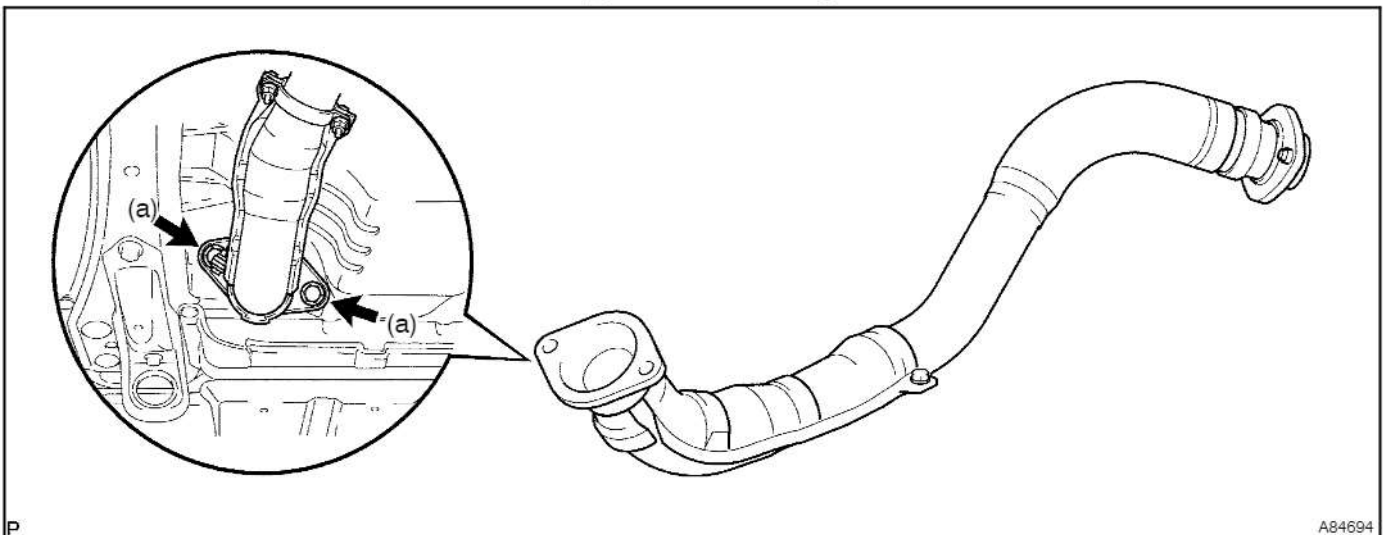


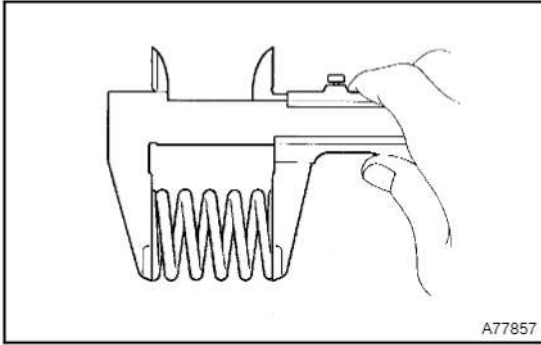
3. REMOVE EXHAUST PIPE ASSY CENTER

- (a) Remove the 2 bolts.
- (b) Remove the exhaust pipe center and the gasket from the 2 exhaust pipe supports.

**4. REMOVE EXHAUST PIPE ASSY FRONT**

- (a) Remove the 2 bolts and 2 compression springs, then remove the exhaust pipe front.
- (b) Remove the gasket from the exhaust manifold.



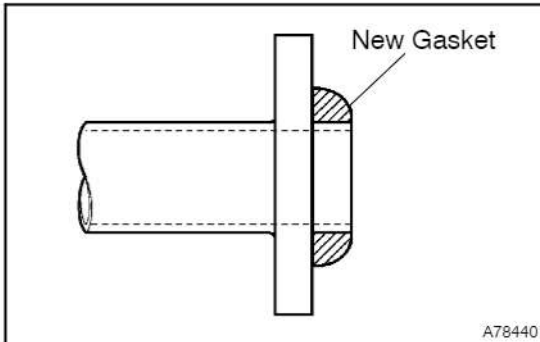


5. INSTALL EXHAUST PIPE ASSY FRONT

- (a) Inspect the free length.
 - (1) Using vernier calipers, measure the free length of the compression spring.

Minimum length: 41.5 mm (1.634 in.)

If the free length is less than minimum, replace the compression spring.



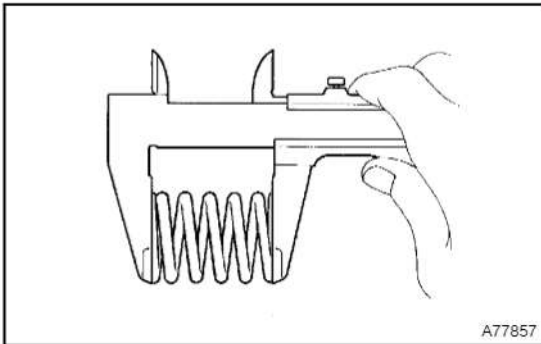
- (b) Install a new gasket to the exhaust manifold as shown in the illustration.
- (c) Install the exhaust pipe front with the 2 compression springs and 2 bolts.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

6. INSTALL EXHAUST PIPE ASSY CENTER

- (a) Install a new gasket and the exhaust pipe center to the 2 exhaust pipe supports.
- (b) Tighten the 2 bolts.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

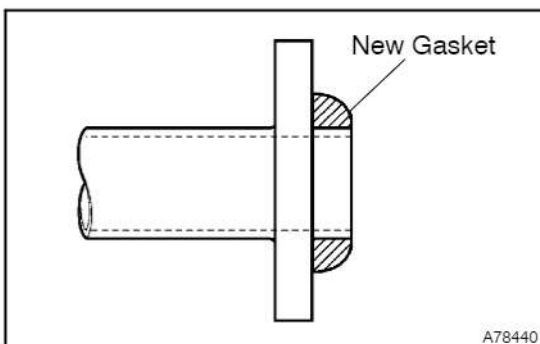


7. INSTALL EXHAUST PIPE ASSY TAIL

- (a) Inspect the free length.
 - (1) Using vernier calipers, measure the free length of the compression spring.

Minimum length: 38.5 mm (1.516 in.)

If the free length is less than minimum, replace the compression spring.



- (b) Install a new gasket to the exhaust pipe center as shown in the illustration.
- (c) Install the exhaust pipe tail to the 4 exhaust pipe supports.
- (d) Tighten the compression springs and 2 bolts.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

8. CHECK FOR EXHAUST GAS LEAKS

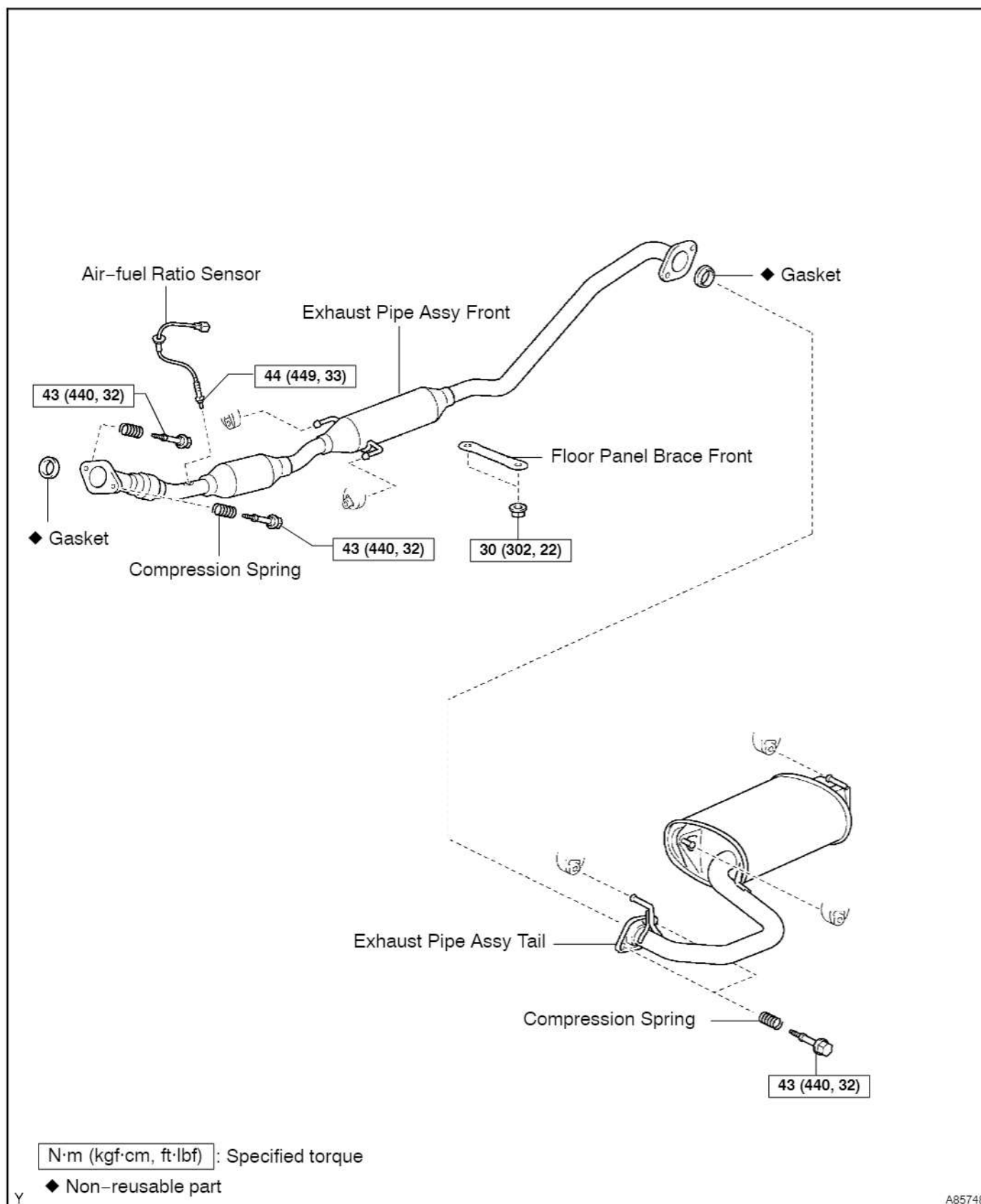
9. INSTALL FLOOR PANEL BRACE FRONT

Torque: 30 N·m (302 kgf·cm, 22 ft·lbf)

EXHAUST PIPE ASSY (1CD-FTV)(From September, 2003)

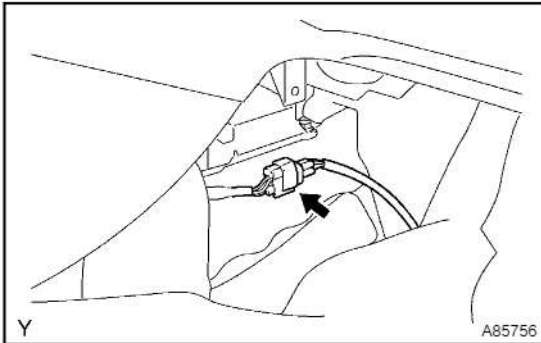
COMPONENTS

1509W-02



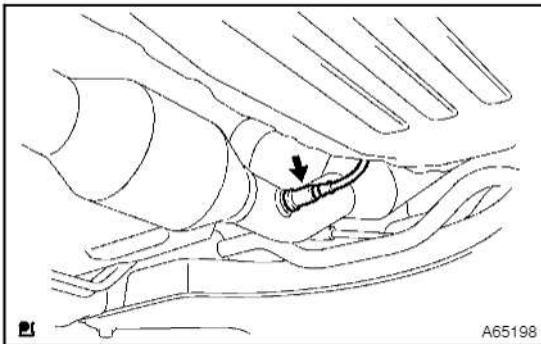
A85748

Removal & Installation and Disassembly & Reassembly



1. REMOVE AIR-FUEL RATIO SENSOR

- (a) Using a clip remover, remove the clip.
- (b) Open the floor carpet.
- (c) Disconnect the air-fuel ratio sensor connector.



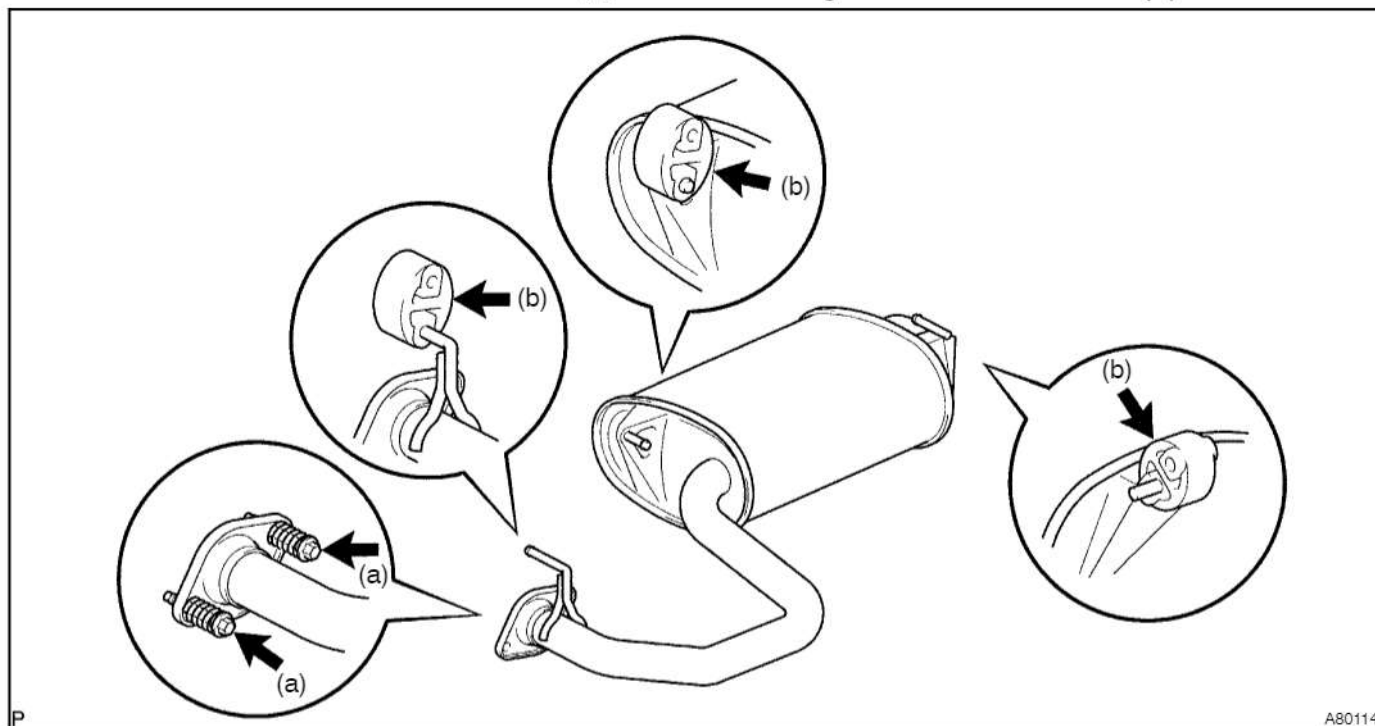
- (d) Remove the air-fuel ratio sensor.

2. REMOVE FLOOR PANEL BRACE FRONT

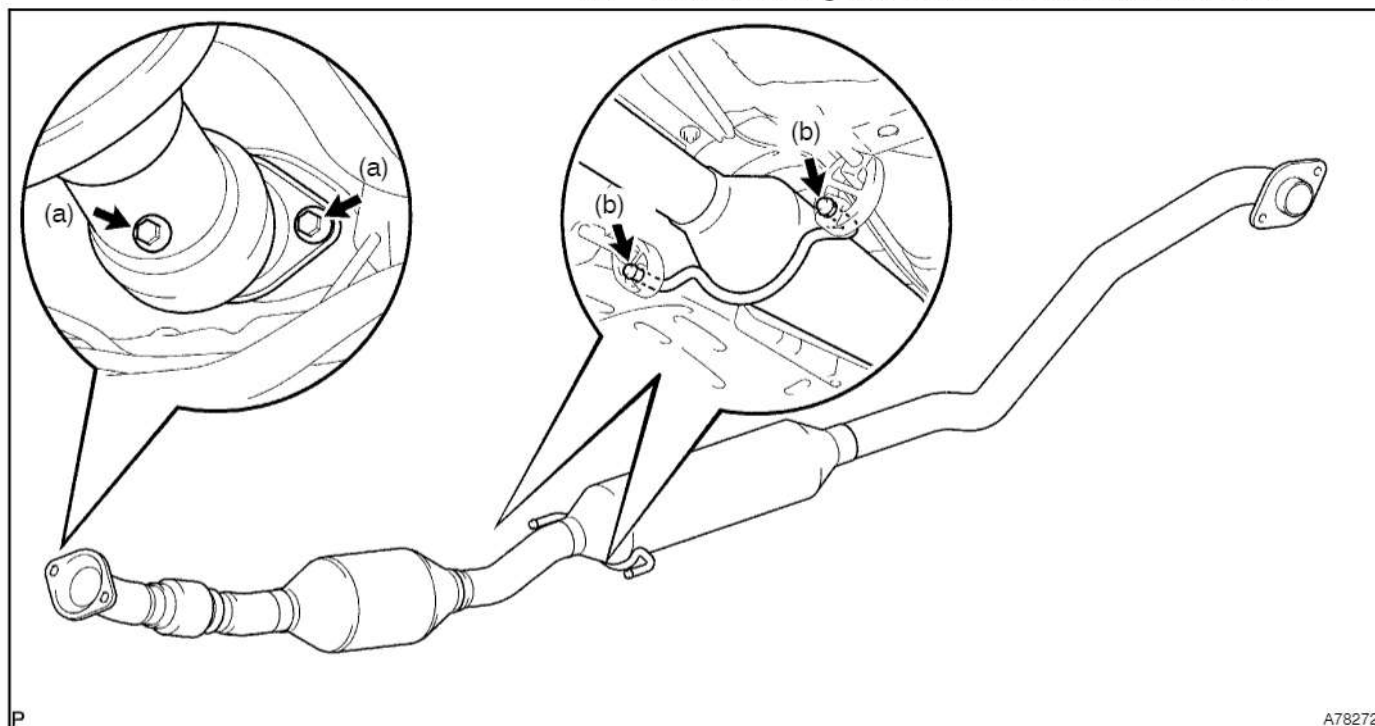
- (a) Remove the 2 nuts and floor panel brace front.

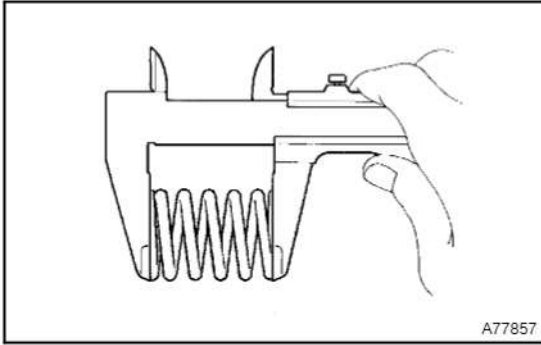
3. REMOVE EXHAUST PIPE ASSY TAIL

- (a) Remove the 2 bolts and 2 compression springs.
- (b) Disconnect the 3 exhaust pipe supports, then remove the exhaust pipe tail.
- (c) Remove the gasket from the exhaust pipe tail.

**4. REMOVE EXHAUST PIPE ASSY FRONT**

- (a) Remove the 2 bolts and 2 compression springs.
- (b) Disconnect the 2 exhaust pipe supports, then remove the exhaust pipe front.
- (c) Remove the gasket from the manifold converter.

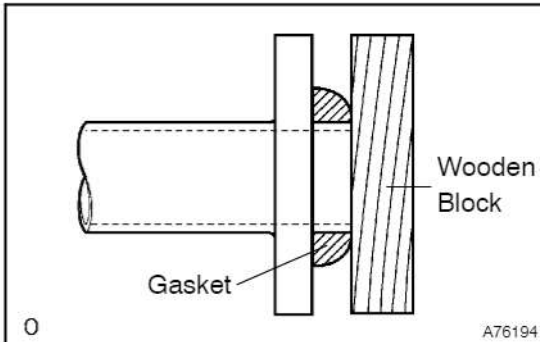


**5. INSTALL EXHAUST PIPE ASSY FRONT**

- (a) Using vernier calipers, measure the free length of the compression spring.

Minimum length: 41.5 mm (1.634 in.)

If the free length is less than minimum, replace the compression spring.



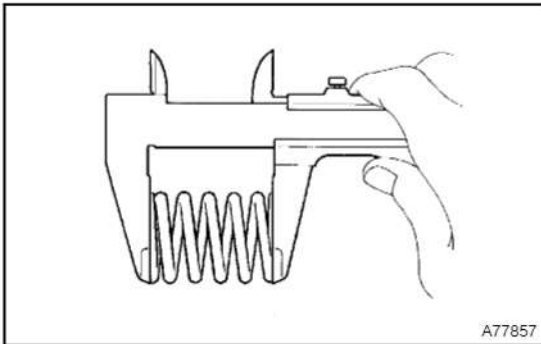
- (b) Using a plastic hammer and wooden block, tap in a new gasket until its surface is flush with the exhaust manifold.

NOTICE:

- **Tap in the gasket in the correct direction.**
- **Do not reuse the removed gasket.**
- **Be sure not to push in the gasket when installing the exhaust pipe.**

- (c) Connect the 2 exhaust pipe supports, then install the exhaust pipe front with the 2 compression springs and 2 bolts.

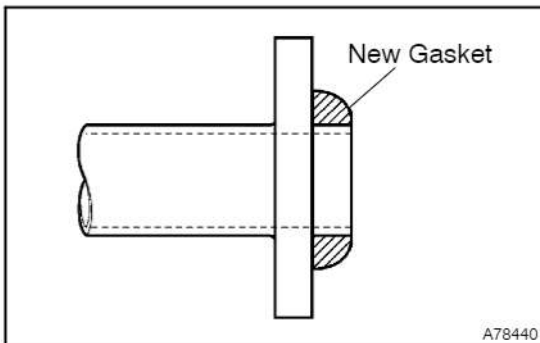
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

**6. INSTALL EXHAUST PIPE ASSY TAIL**

- (a) Using vernier calipers, measure the free length of the compression spring.

Minimum length: 38.5 mm (1.515 in.)

If the free length is less than minimum, replace the compression spring.



- (b) Install a new gasket to the pipe front converter as shown in the illustration.

- (c) Connect the 3 exhaust pipe supports, then install the exhaust pipe tail with the 2 compression springs and 2 bolts.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

7. INSTALL AIR-FUEL RATIO SENSOR

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

8. CHECK FOR EXHAUST GAS LEAKS**9. INSTALL FLOOR PANEL BRACE FRONT**

Torque: 30 N·m (302 kgf·cm, 22 ft·lbf)