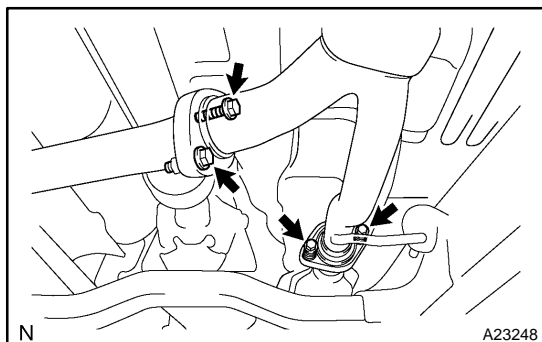


REPLACEMENT

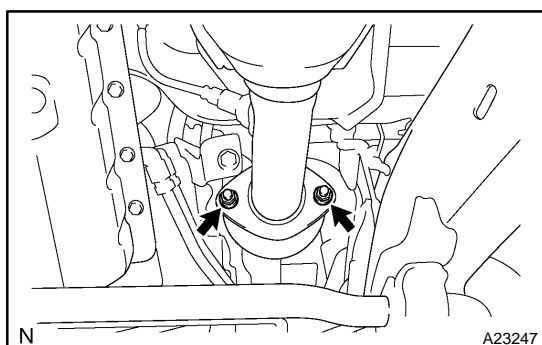
1. REMOVE HEATED OXYGEN SENSOR (BANK 1)

- (a) Disconnect the heated oxygen sensor.
- (b) Remove the heated oxygen sensor.



2. SEPARATE EXHAUST CENTER PIPE

Remove the 4 bolts and 2 springs from the exhaust center pipe.

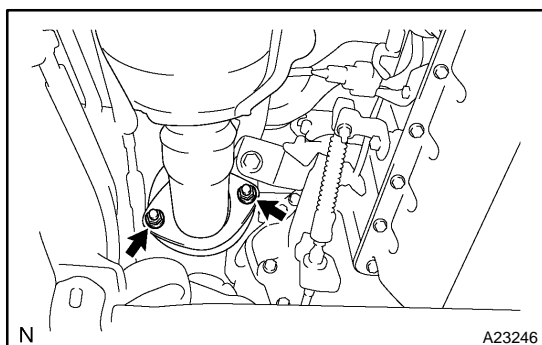


3. REMOVE RH FRONT EXHAUST PIPE

- (a) Remove the 2 nuts and RH front exhaust pipe.
- (b) Remove the 2 gaskets from the RH front exhaust pipe.

4. REMOVE HEATED OXYGEN SENSOR (BANK 2 OXYGEN SENSOR)

- (a) Disconnect the heated oxygen sensor connector.
- (b) Remove the heated oxygen sensor.



5. REMOVE LH FRONT EXHAUST PIPE

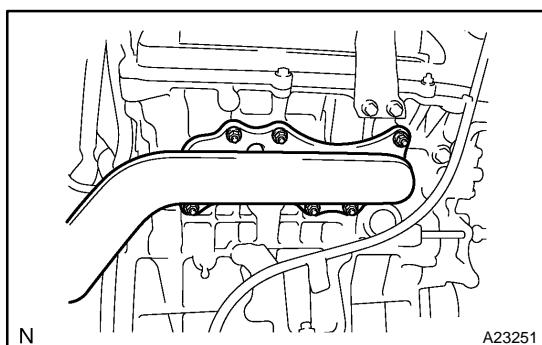
- (a) Remove the 2 nuts, exhaust pipe support and LH front exhaust pipe.
- (b) Remove the 2 gaskets from the LH front exhaust pipe.

6. REMOVE MANIFOLD STAY

Remove the 6 bolts and 2 manifold stays.

7. REMOVE A/F SENSOR (BANK 1)

- (a) Disconnect the A/F sensor connector.
- (b) Remove the A/F sensor.

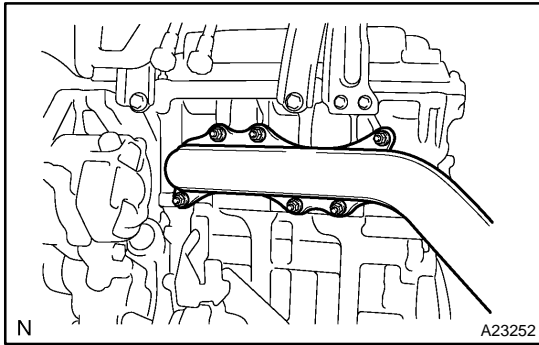


8. REMOVE EXHAUST MANIFOLD RH

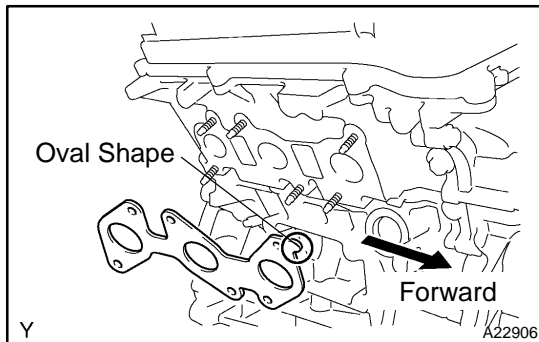
Remove the 6 nuts, exhaust manifold RH and gasket.

9. REMOVE A/F SENSOR (BANK 2)

- (a) Disconnect the A/F sensor connector.
- (b) Remove the A/F sensor.

**10. REMOVE EXHAUST MANIFOLD LH**

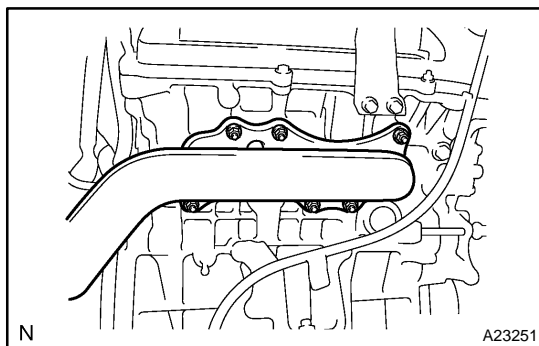
Remove the 6 nuts, exhaust manifold LH and gasket.

**11. INSTALL EXHAUST MANIFOLD RH**

- (a) Set a new gasket to the RH cylinder head with the oval shape facing forward.

NOTICE:

Be careful of the installation direction.



- (b) Install the exhaust manifold with the 6 nuts. Tighten the nuts uniformly in several steps.

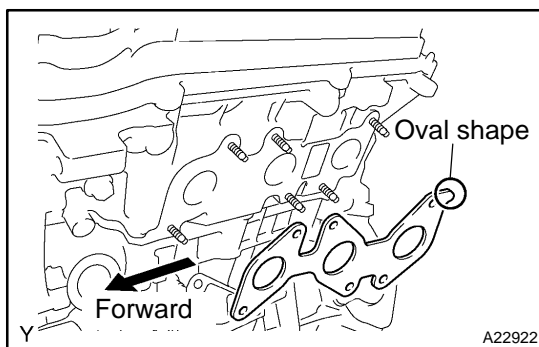
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

12. INSTALL A/F SENSOR (BANK 1)

- (a) Install the A/F sensor.

Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)

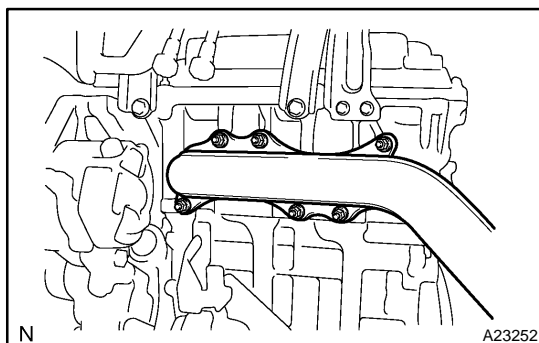
- (b) Connect the A/F sensor connector.

**13. INSTALL EXHAUST MANIFOLD LH**

- (a) Set a new gasket to the LH cylinder head with the oval shape facing backward.

NOTICE:

Be careful of the installation direction.



- (b) Install the exhaust manifold with the 6 nuts. Tighten the nuts uniformly in several steps.

Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

14. INSTALL A/F SENSOR (BANK 2)

- (a) Install the A/F sensor.

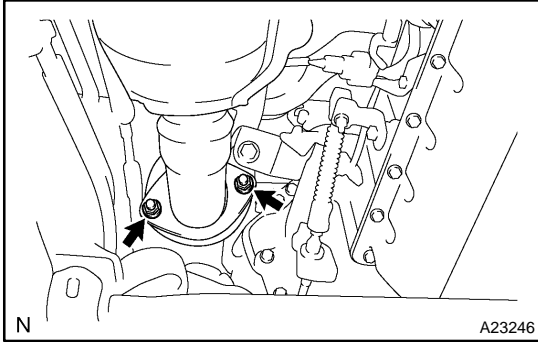
Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)

- (b) Connect the A/F sensor connector.

15. INSTALL MANIFOLD STAY

Install the 2 manifold stays with the 6 bolts.

Torque: 40 N·m (408 kgf·cm, 30 ft·lbf)



16. INSTALL LH FRONT EXHAUST PIPE

- (a) Install 2 new gaskets to the LH front exhaust pipe.
- (b) Install the LH front exhaust pipe with 2 new nuts.

Torque: 62 N·m (630 kgf-cm, 46 ft-lbf)

- (c) Install the exhaust pipe support.

17. INSTALL HEATED OXYGEN SENSOR (BANK 2 OXYGEN SENSOR)

- (a) Install the heated oxygen sensor.

Torque: 44 N·m (450 kgf-cm, 33 ft-lbf)

- (b) Connect the heated oxygen sensor connector.

18. INSTALL RH FRONT EXHAUST PIPE

- (a) Install 2 new gaskets to the RH front exhaust pipe.
- (b) Install the RH front exhaust pipe with 2 new nuts.

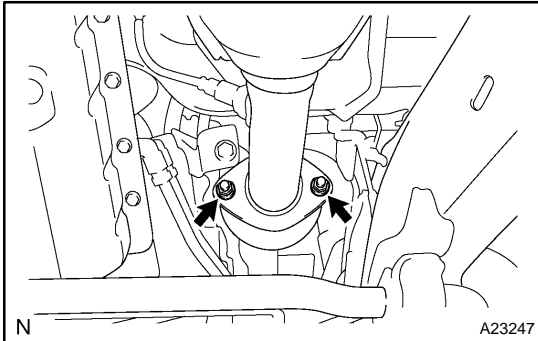
Torque: 62 N·m (630 kgf-cm, 46 ft-lbf)

19. INSTALL HEATED OXYGEN SENSOR (BANK 1 OXYGEN SENSOR)

- (a) Install the heated oxygen sensor.

Torque: 44 N·m (450 kgf-cm, 33 ft-lbf)

- (b) Connect the heated oxygen sensor connector.



20. CONNECT EXHAUST CENTER PIPE

- (a) Install the 2 bolts.

Torque: 48 N·m (489 kgf-cm, 35 ft-lbf)

- (b) Install the 2 bolts and springs.

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

