

Intake Manifold/Exhaust System

Intake Manifold

Replacement 9-2

Exhaust Manifold

Replacement 9-6

Exhaust Pipe and Muffler

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Three Way Catalytic Converter (TWC)

Inspection 9-12

Heated Oxygen Sensor (HO2S)

Replacement 9-12



Intake Manifold

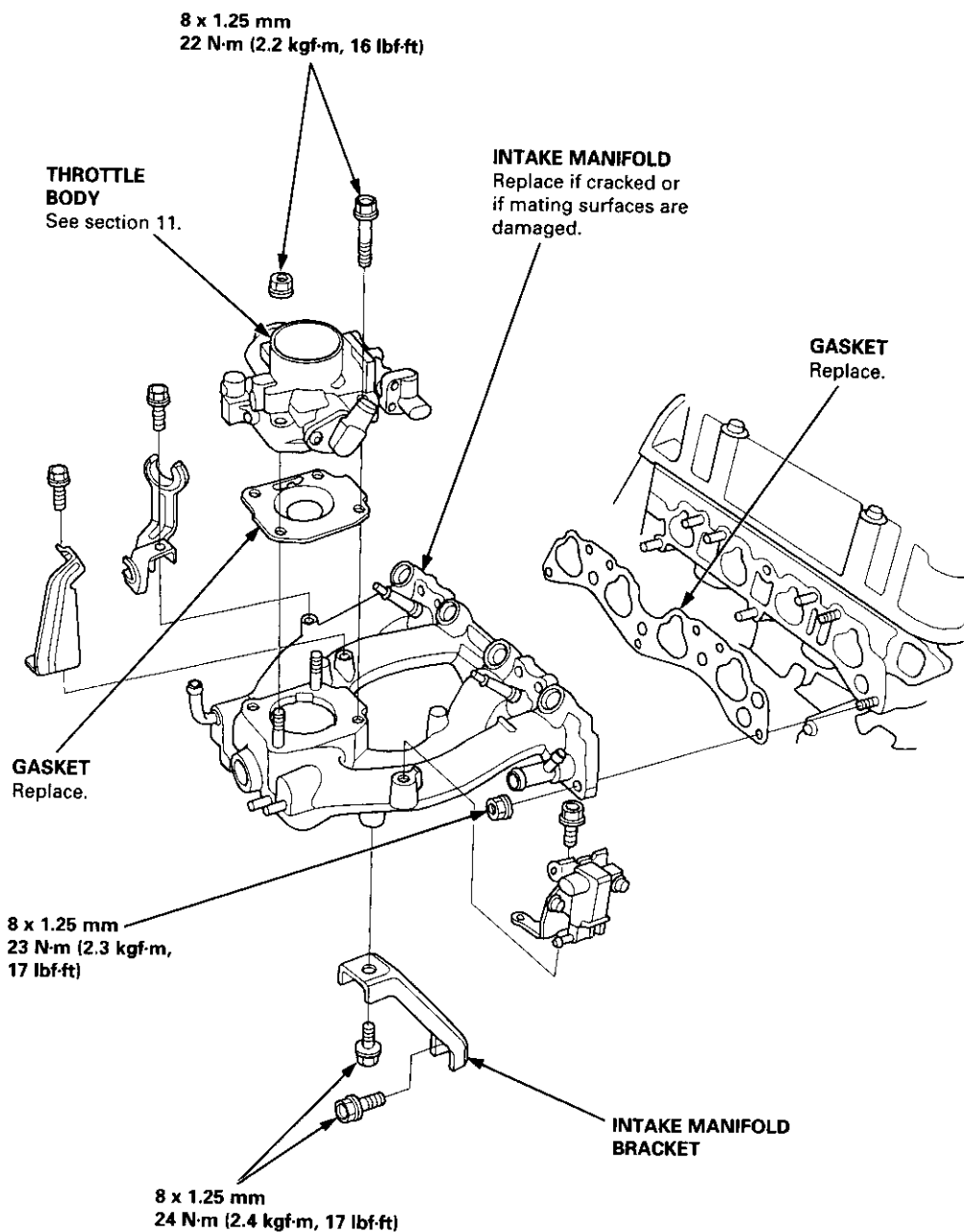
Replacement

NOTE: Use new O-rings and gaskets when reassembling.

CAUTION:

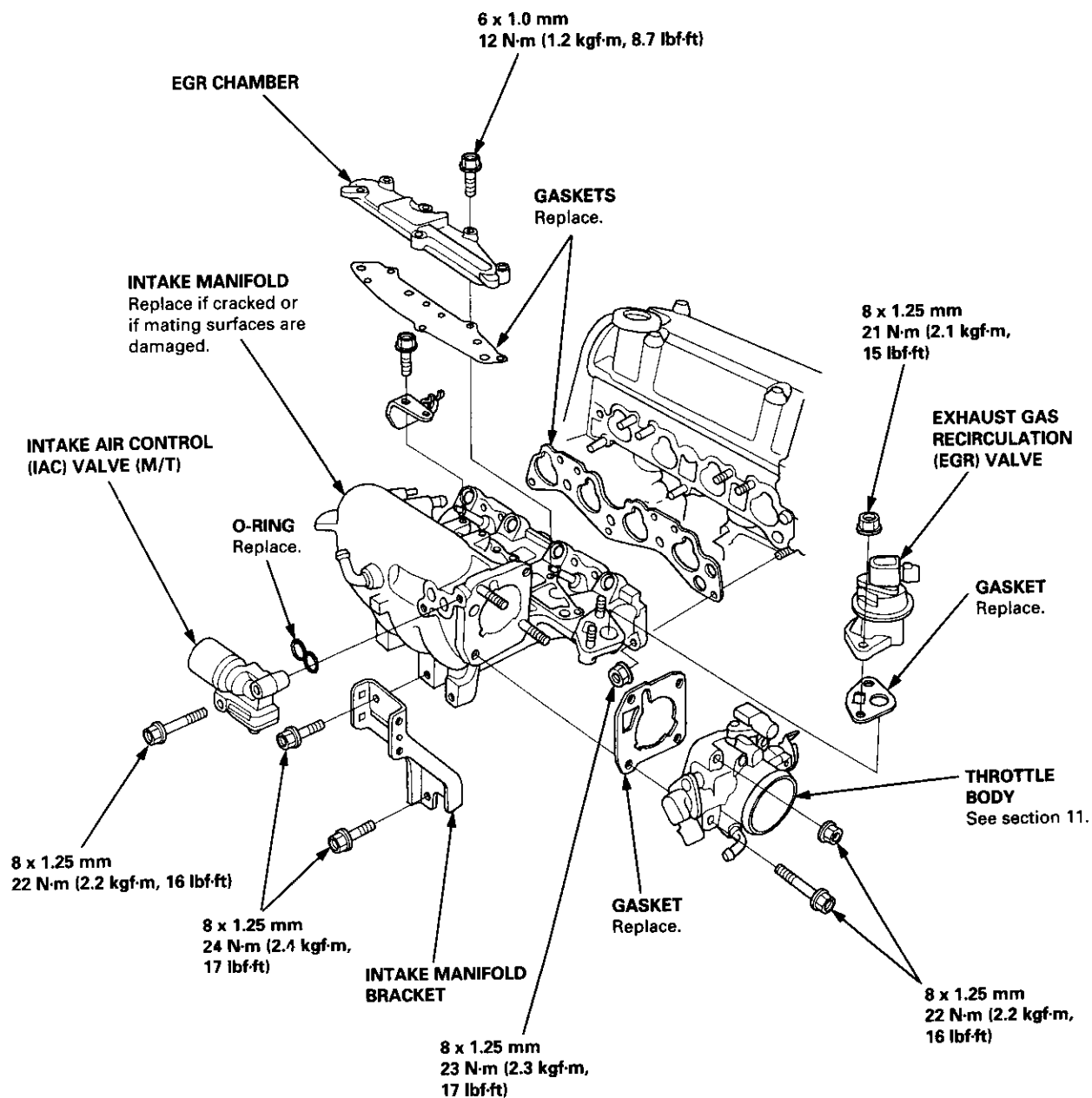
- Check for folds or scratches on the surface of the gasket.
- Replace with a new gasket if damaged.

D16Y7 engine:





D16Y5 engine:



(cont'd)

Intake Manifold

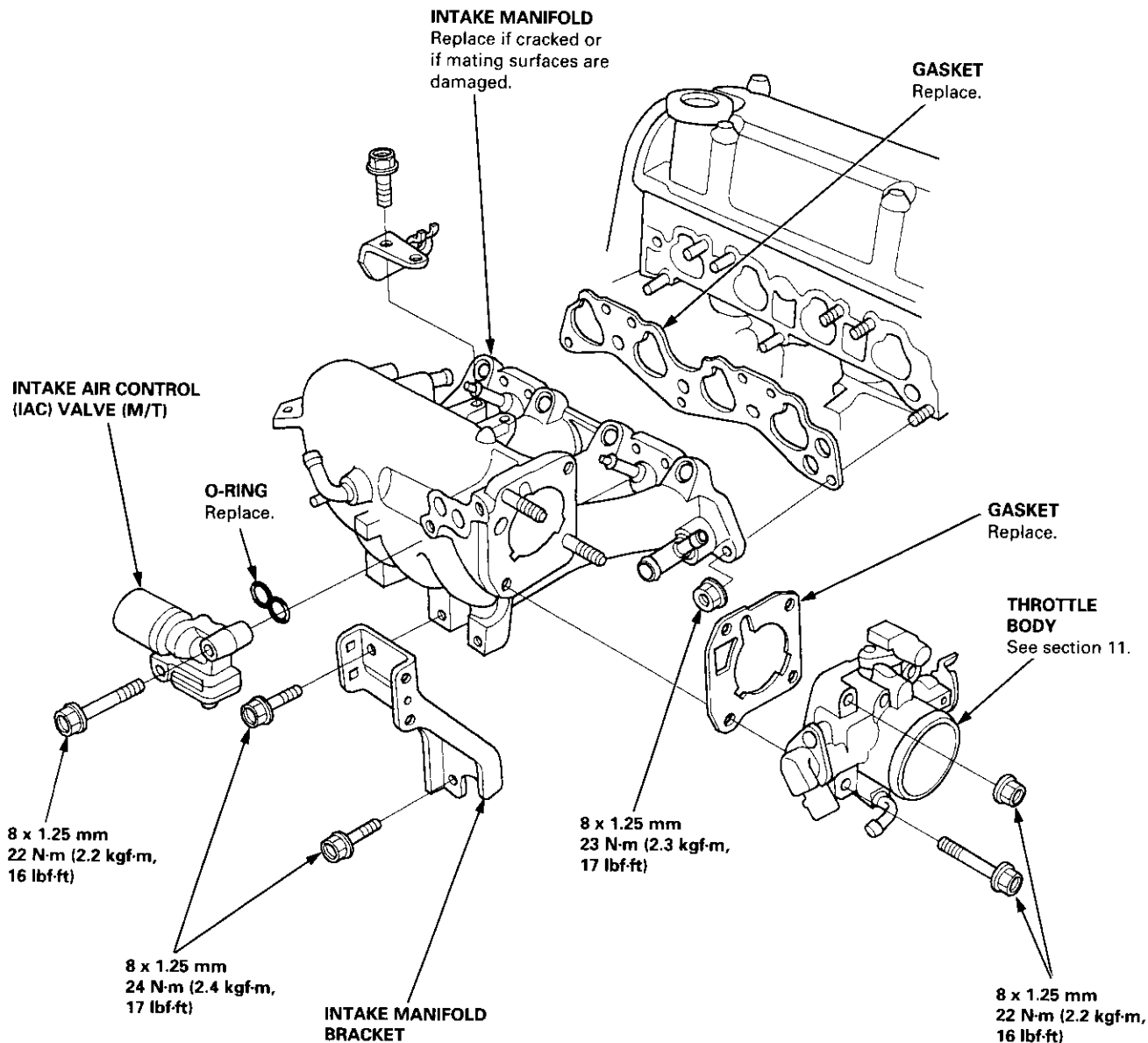
Replacement (cont'd)

NOTE: Use new O-rings and gaskets when reassembling.

CAUTION:

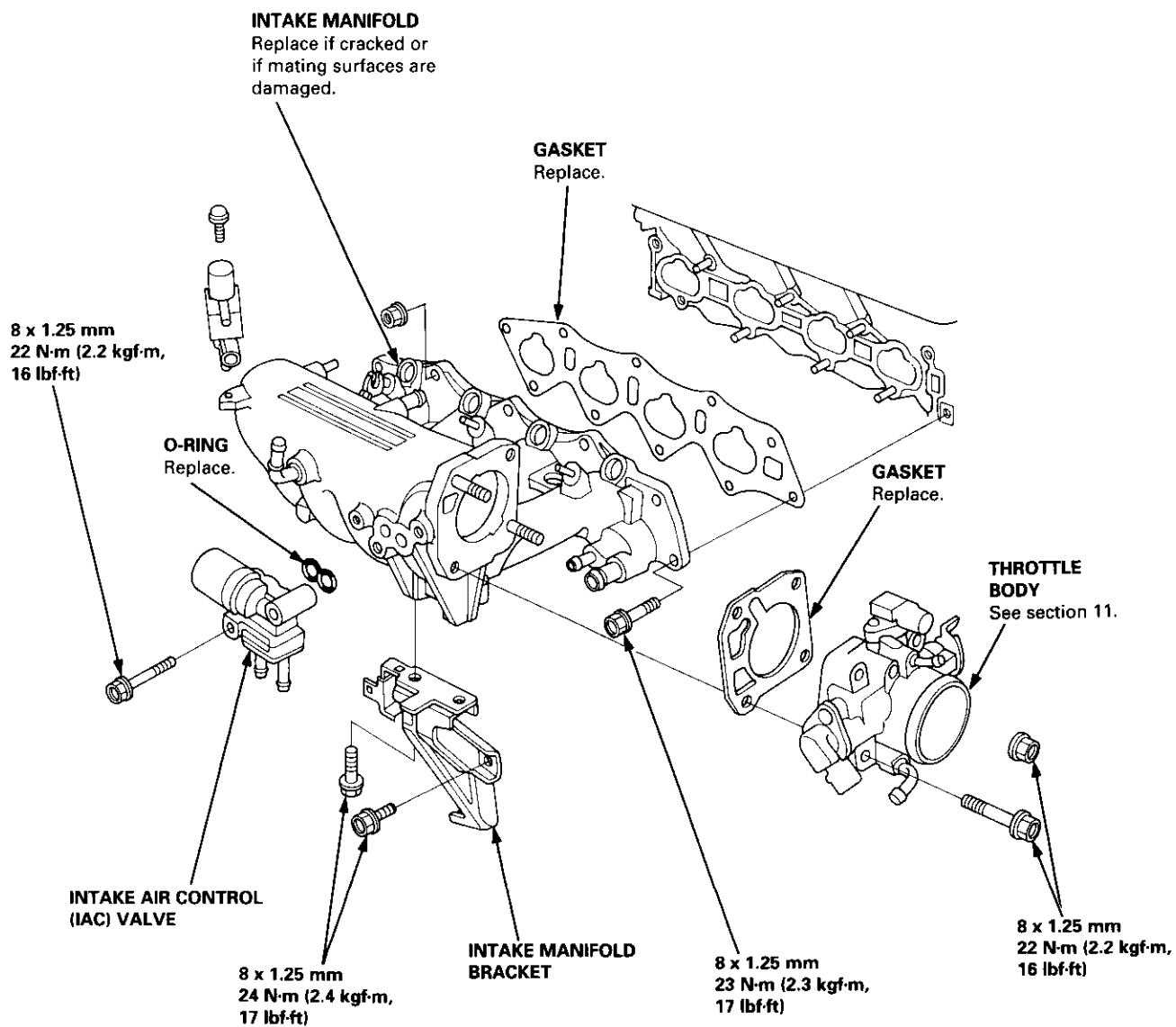
- Check for folds or scratches on the surface of the gasket.
- Replace with a new gasket if damaged.

D16Y8 engine:





B16A2 engine:



Exhaust Manifold

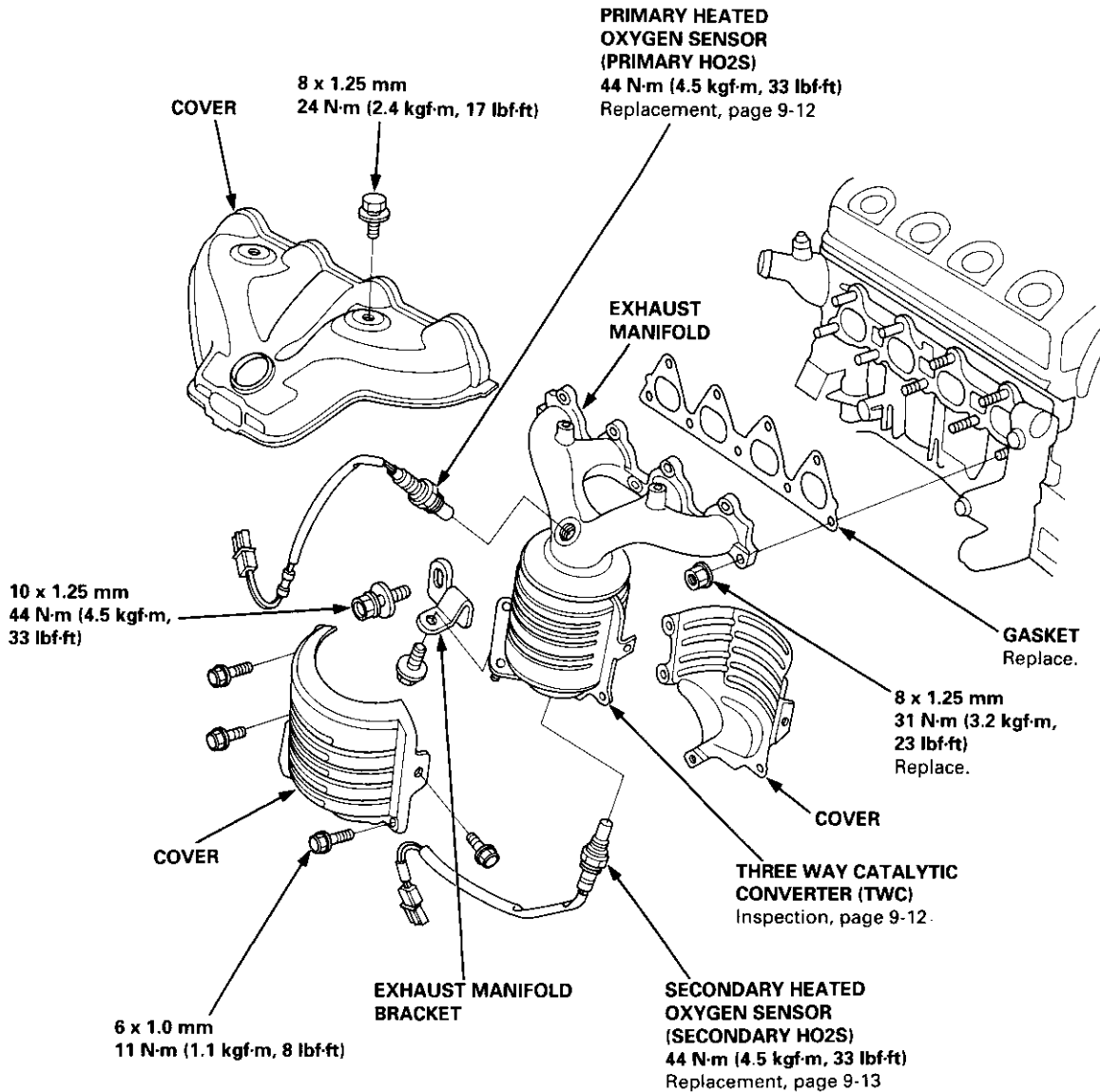
Replacement

NOTE: Use new gaskets and self-locking nuts when reassembling.

CAUTION:

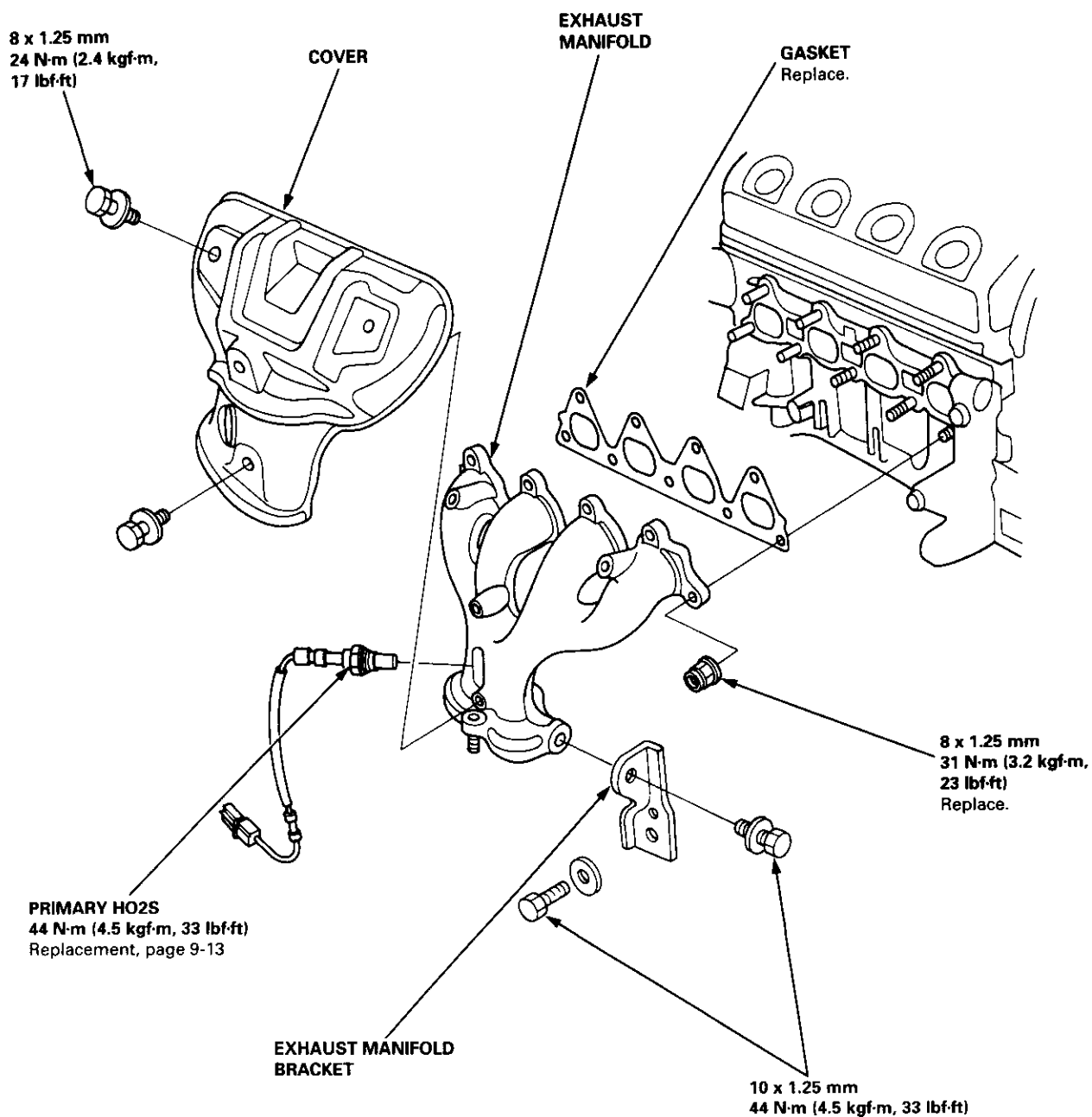
- Check for folds or scratches on the surface of the gasket.
- Replace with a new gasket if damaged.

D16Y5, D16Y7 engines:





D16Y8 engine:



(cont'd)

Exhaust Manifold

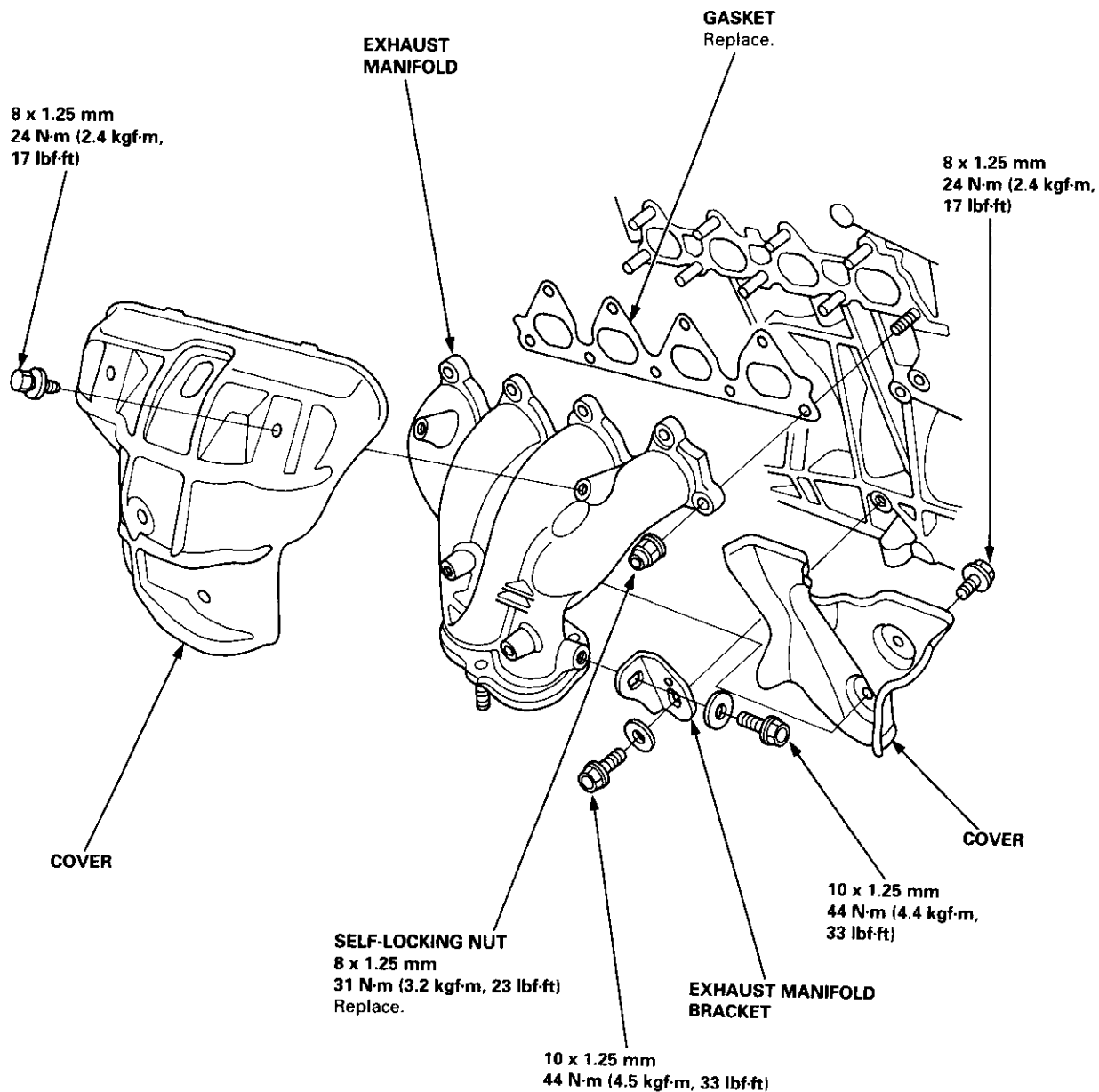
Replacement (cont'd)

NOTE: Use new gaskets and self-locking nuts when reassembling.

CAUTION:

- Check for folds or scratches on the surface of the gasket.
- Replace with a new gasket if damaged.

B16A2 engine:



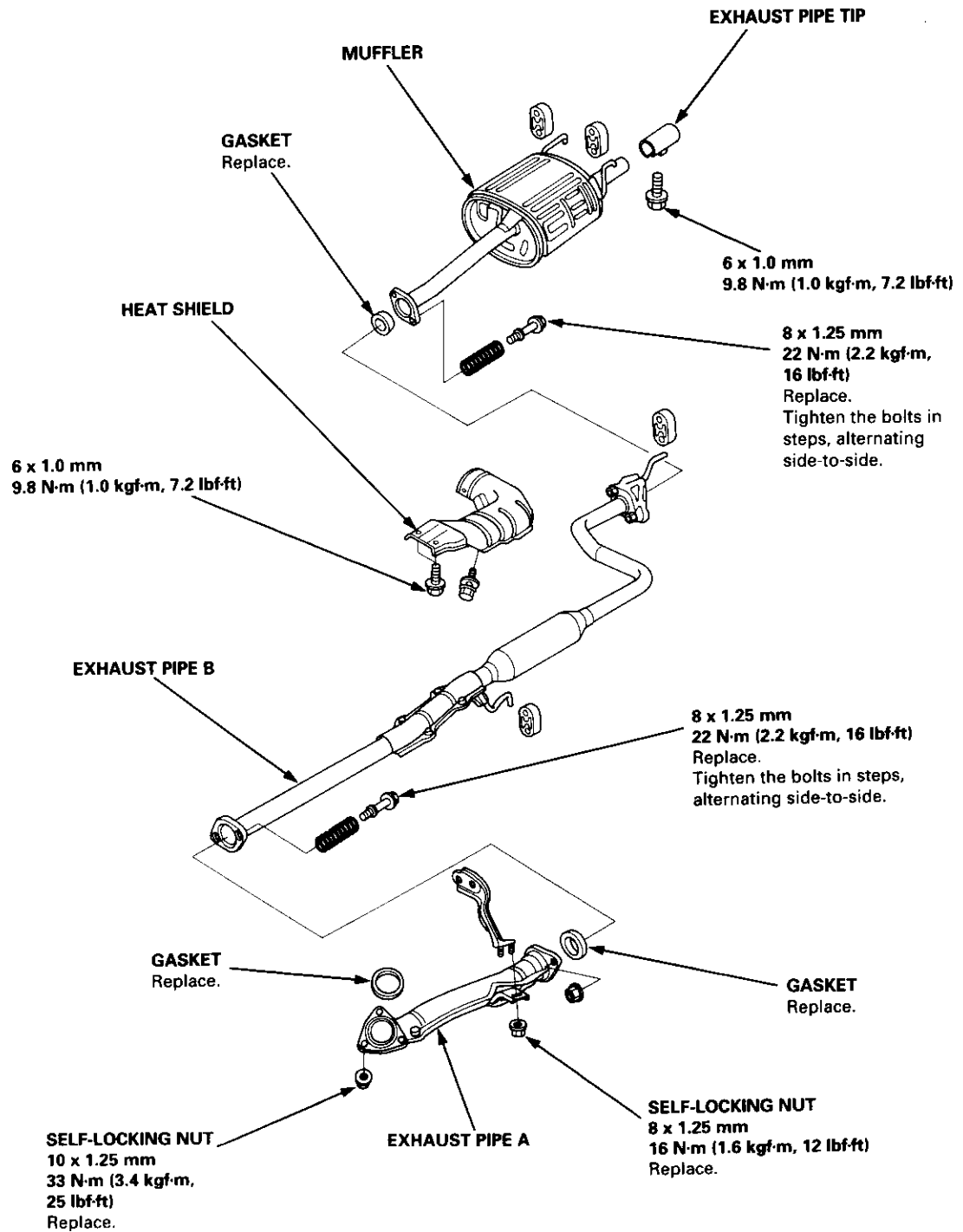
Exhaust Pipe and Muffler



Replacement

NOTE: Use new gaskets and self-locking nuts when reassembling.

D16Y5, D16Y7 engines:



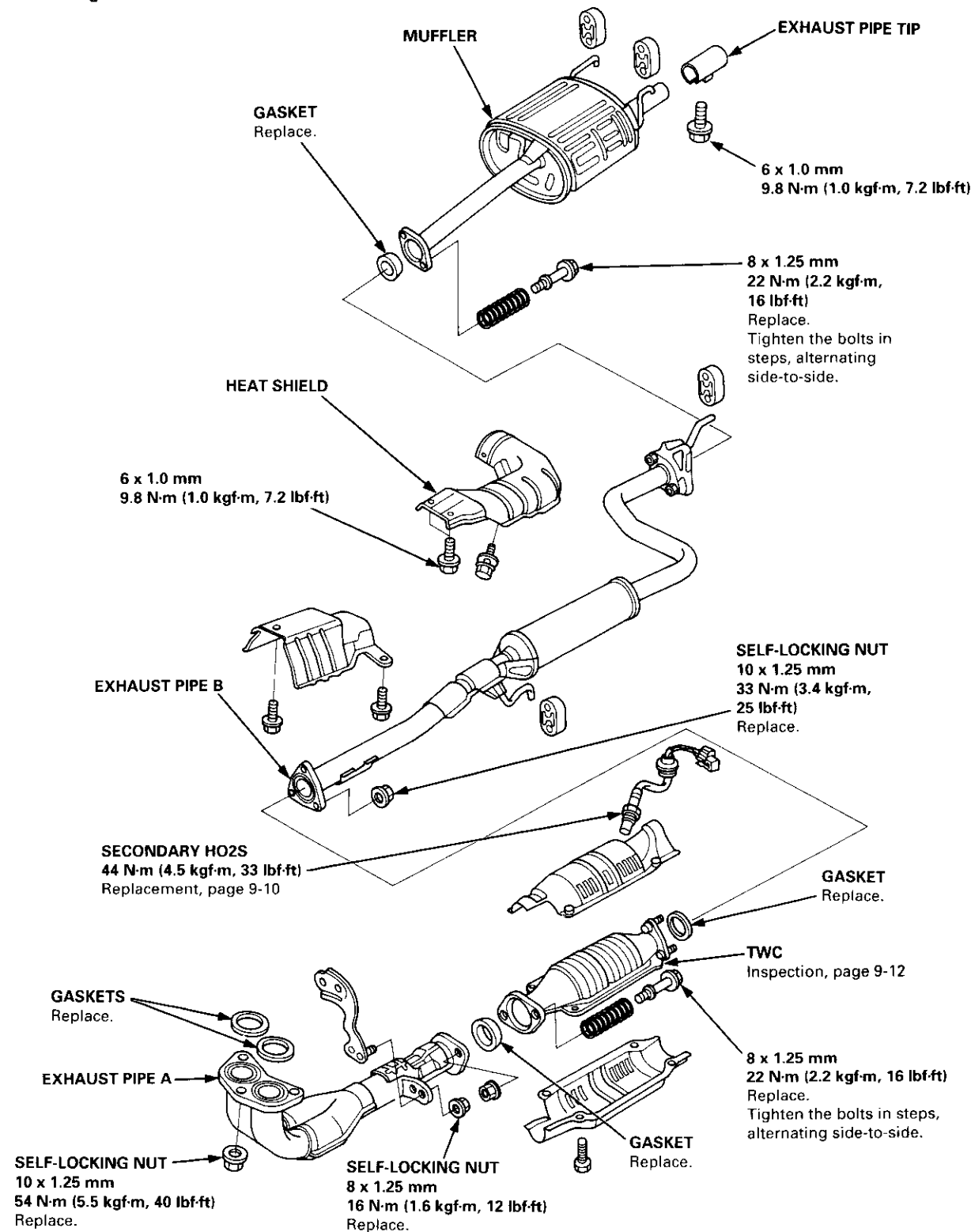
(cont'd)

Exhaust Pipe and Muffler

Replacement (cont'd)

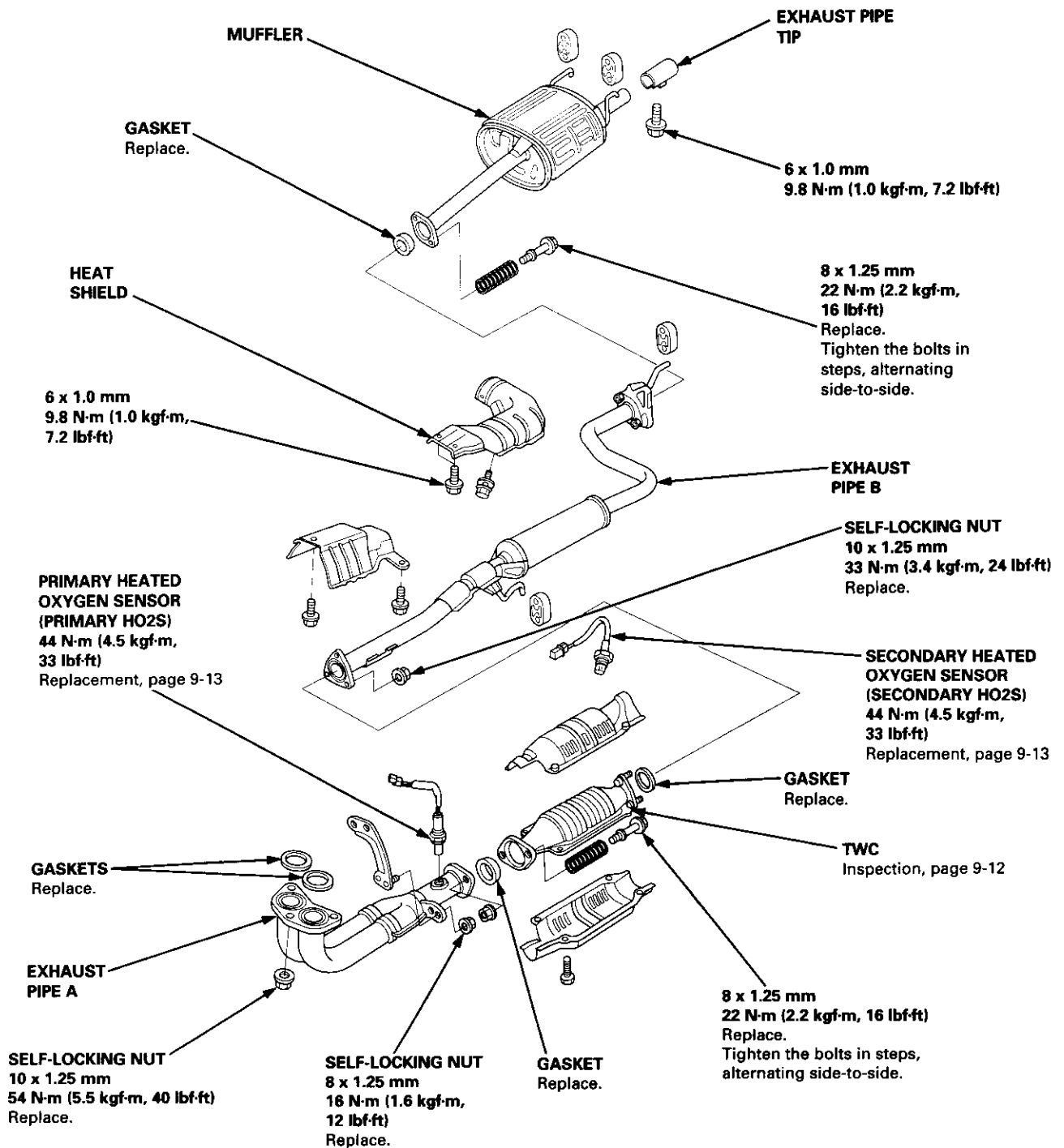
NOTE: Use new gaskets and self-locking nuts when reassembling.

D16Y8 engine:





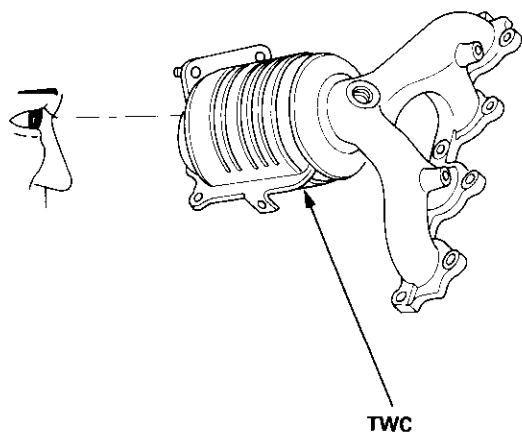
B16A2 engine:



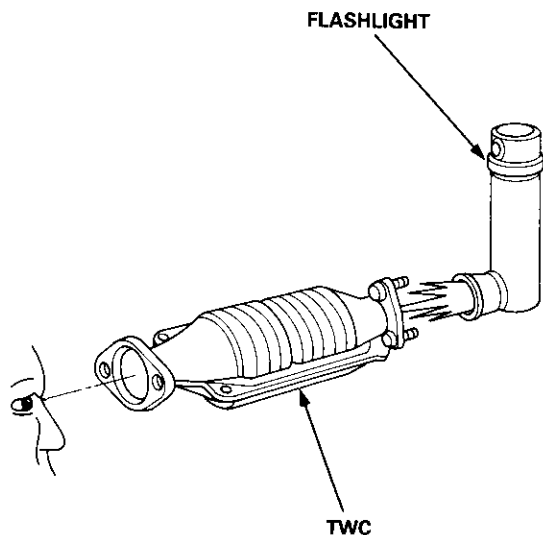
Inspection

1. Using a flashlight, make a visual check for plugging, melting and cracking of the catalyst.

D16Y5, D16Y7 engines:



B16A2, D16Y8 engines:



Replacement

Primary HO2S:

1. Remove the primary HO2S.

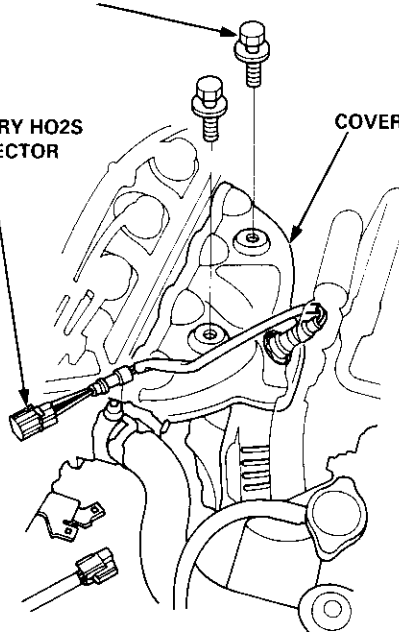
D16Y5, D16Y7 engines:

- a. Disconnect the primary HO2S connector, then remove the cover.

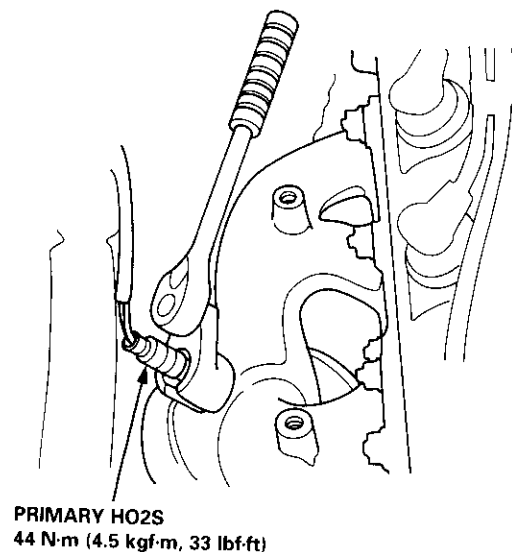
8 x 1.25 mm
24 N·m (2.4 kgf·m,
17 lbf·ft)

PRIMARY HO2S
CONNECTOR

COVER



- b. Remove the primary HO2S.



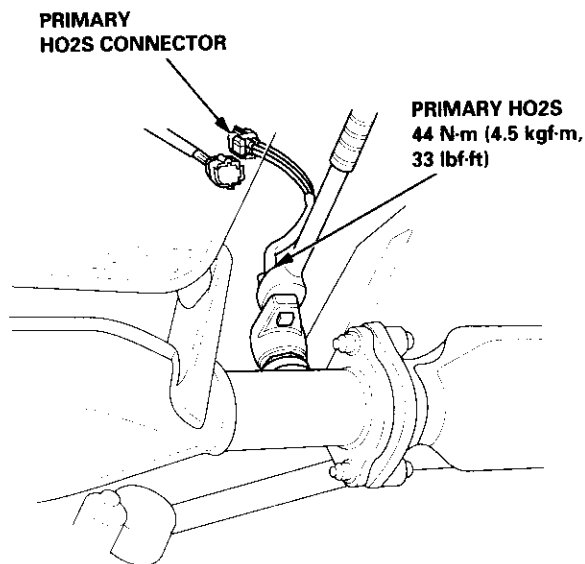
PRIMARY HO2S
44 N·m (4.5 kgf·m, 33 lbf·ft)



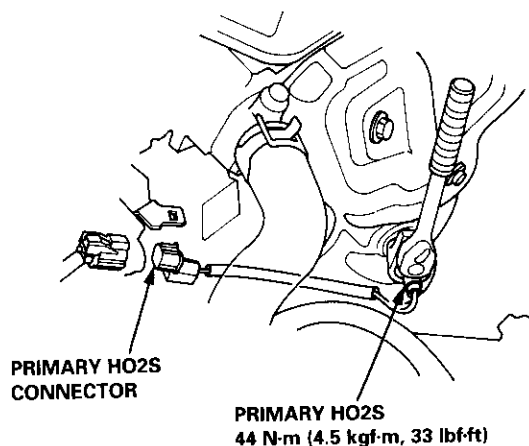
B16A2, D16Y8 engines:

- a. Disconnect the primary HO2S connector then remove the primary HO2S.

B16A2 engine



D16Y8 engine



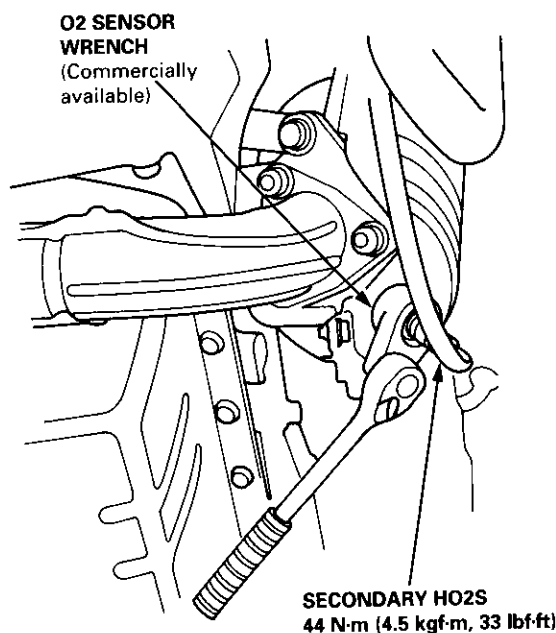
2. Install the primary HO2S in reverse order of removal.

Secondary HO2S:

1. Remove the secondary HO2S.

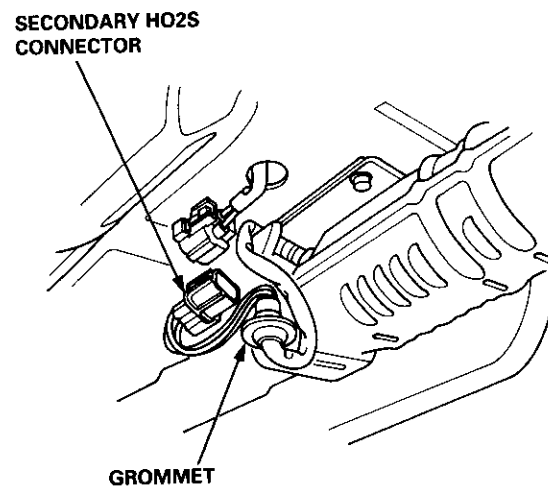
D16Y5, D16Y7 engines:

- a. Disconnect the secondary HO2S connector, then remove the secondary HO2S.



B16A2, D16Y8 engines:

- a. Remove the grommet, and pull out the secondary HO2S connector, then disconnect the secondary HO2S connector.

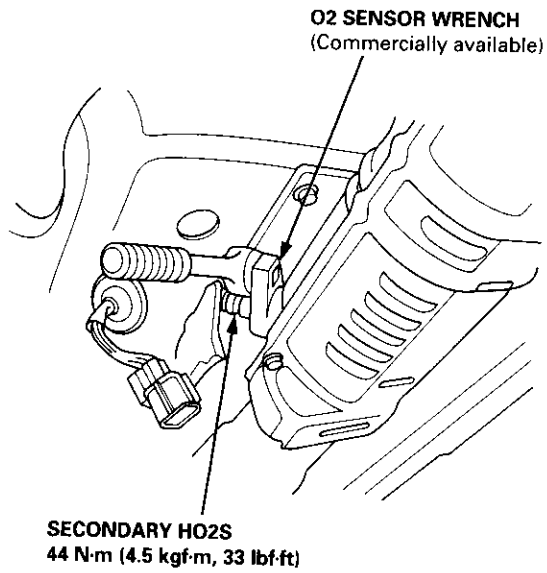


(cont'd)

HO2S

Replacement (cont'd)

- b. Remove the secondary HO2S.



2. Install the secondary HO2S in reverse order of removal.