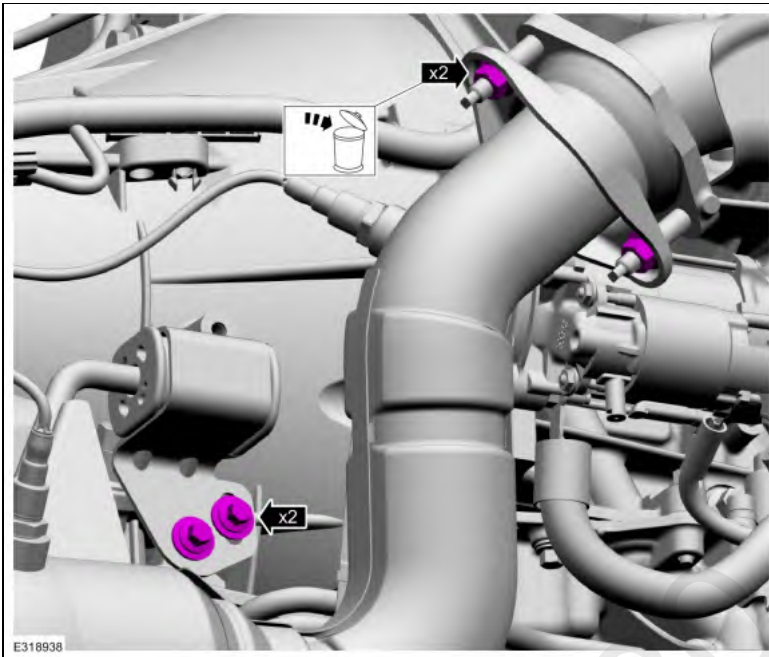


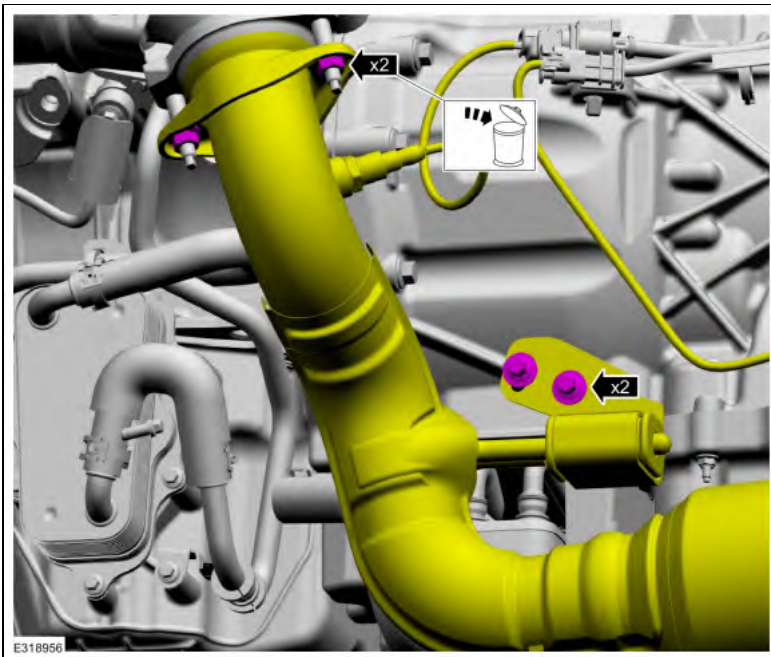
Exhaust Manifold LH

Removal

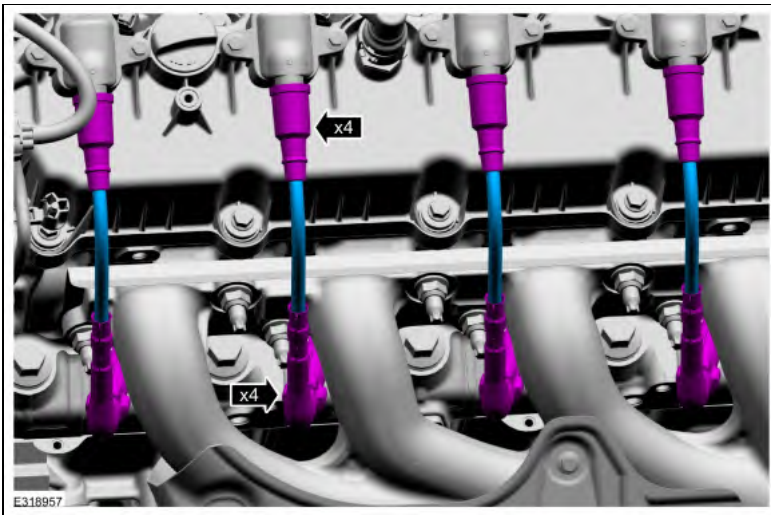
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2.
 1. Remove and discard the Y-pipe nuts.
 2. Remove the exhaust hanger bolts.



3.
 1. Remove and discard the Y-pipe nuts.
 2. Remove the exhaust hanger bolts and lower the Y-pipe.



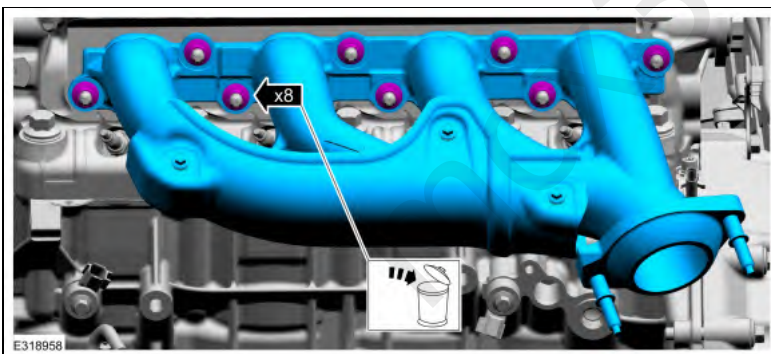
4.
 1. Disconnect the spark plug wires from the ignition coils.
 2. Disconnect the spark plug wires from the spark plugs and remove the wires.



5.

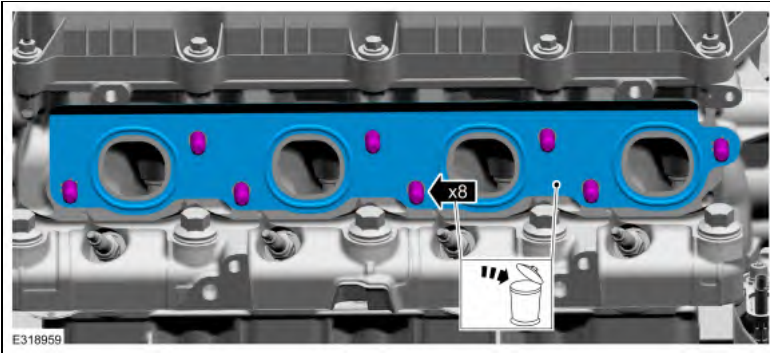
1. Remove the nuts and the LH exhaust manifold.
2. Discard the nuts.
- Clean and inspect the exhaust manifold.

Refer to: Exhaust Manifold Cleaning and Inspection (303-00 Engine System - General Information, General Procedures).

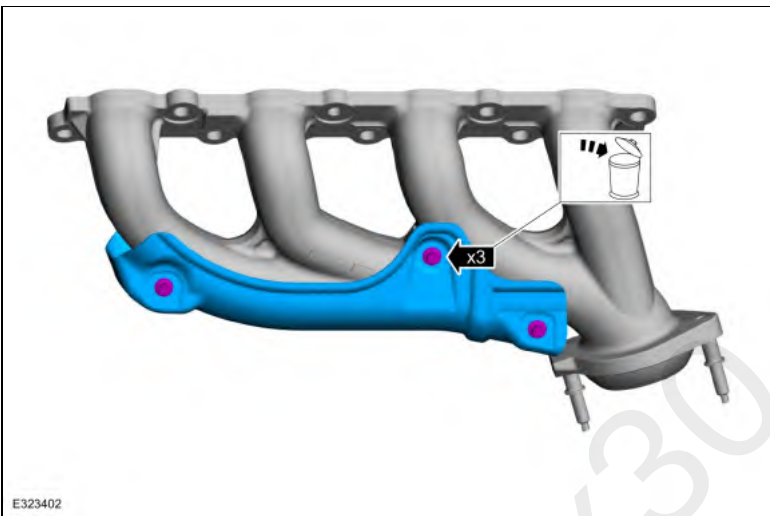


6.

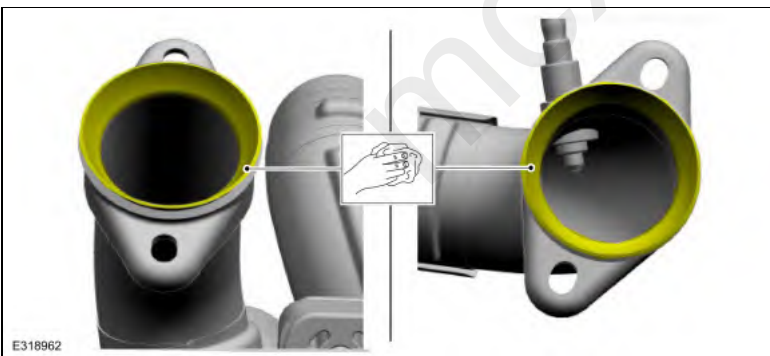
1. Remove and discard the gasket.
2. Remove and discard the studs.



- 7.
1. If necessary, remove the bolts and the heat shield.
 2. Discard the bolts.

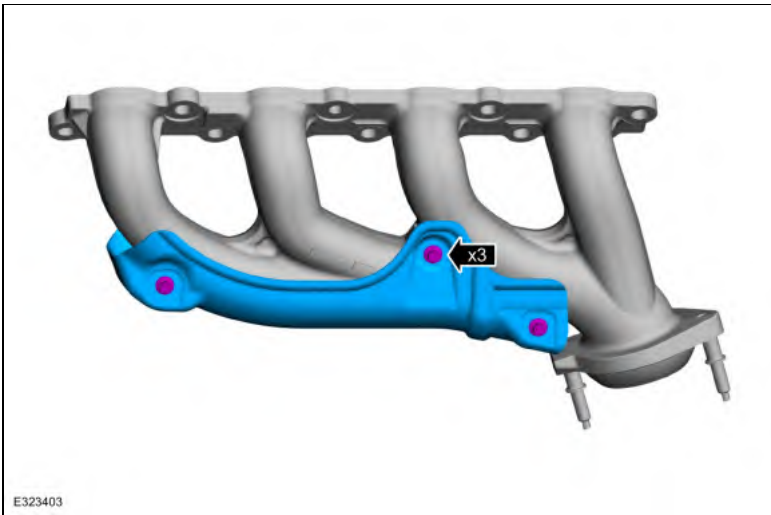


8. Make sure that the mating faces are clean and free of foreign material.

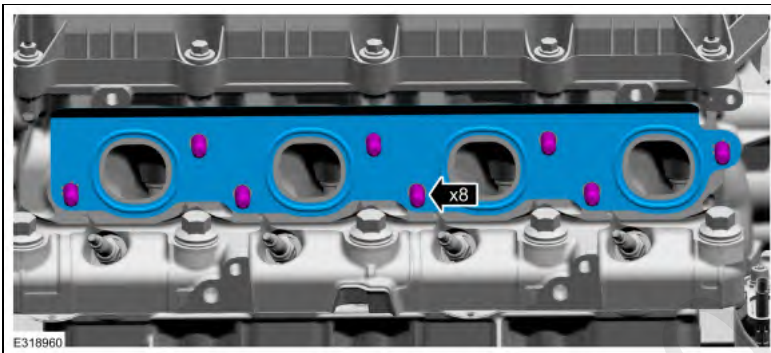


Installation

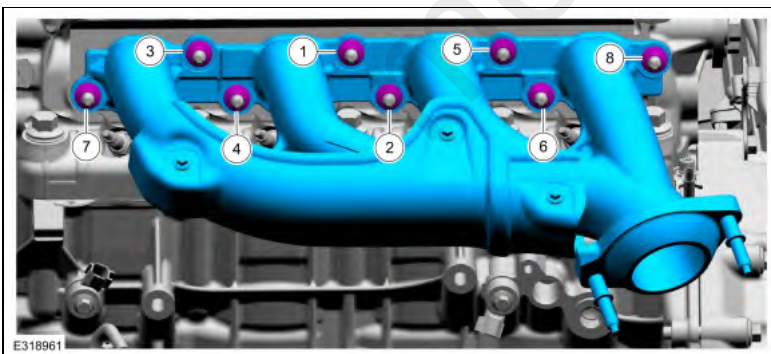
1. If removed, install the heat shield and the new bolts.
Torque: 106 lb.in (12 Nm)



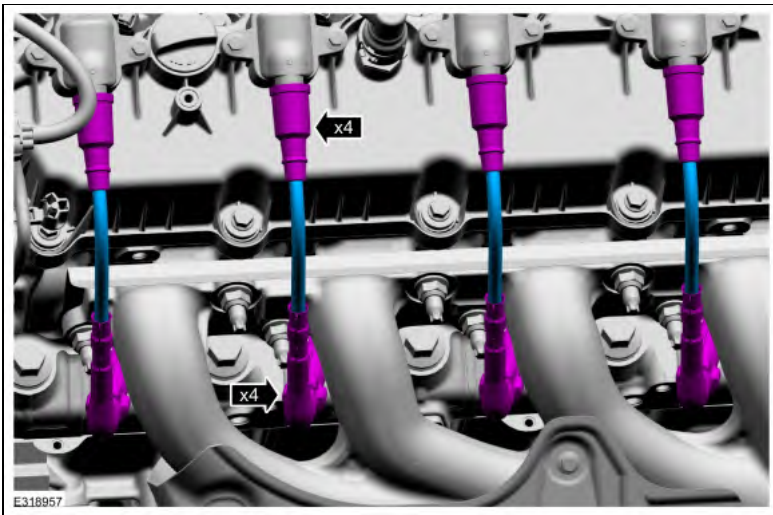
2.
 1. Install new studs.
Torque: 18 lb.ft (25 Nm)
 2. Install a new gasket.



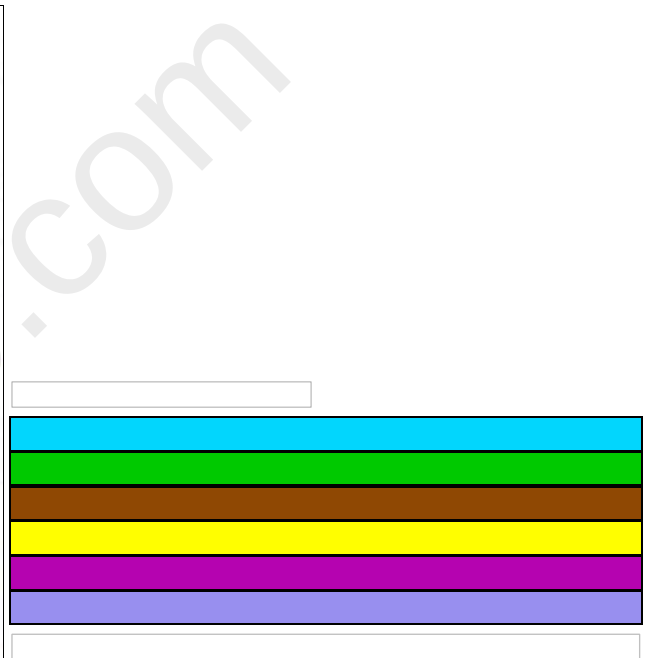
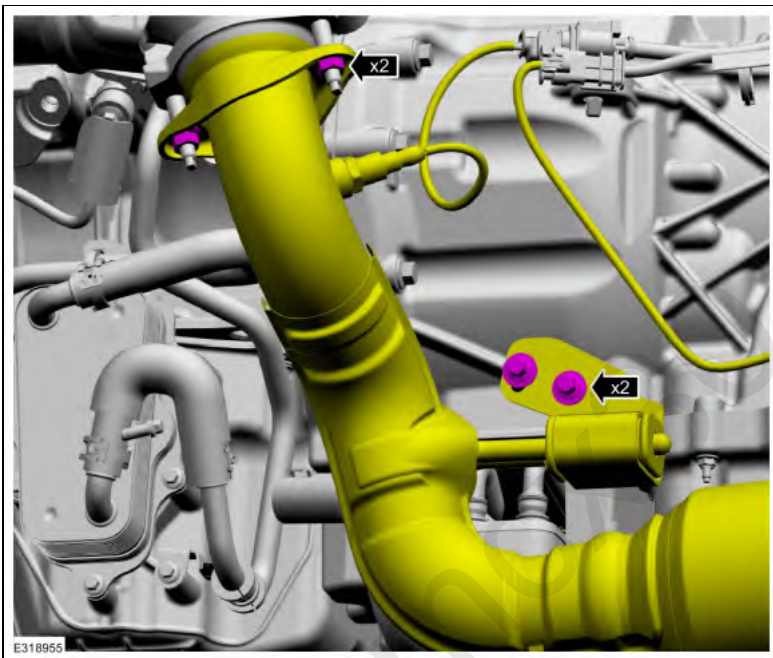
3.
 1. Position the LH exhaust manifold onto the engine and finger-tighten the nuts.
 2. Tighten the nuts in the sequence shown.
Torque:
 Stage 1: 18 lb.ft (24 Nm)
 Stage 2: 24 lb.ft (32 Nm)
 Stage 3: 24 lb.ft (32 Nm)



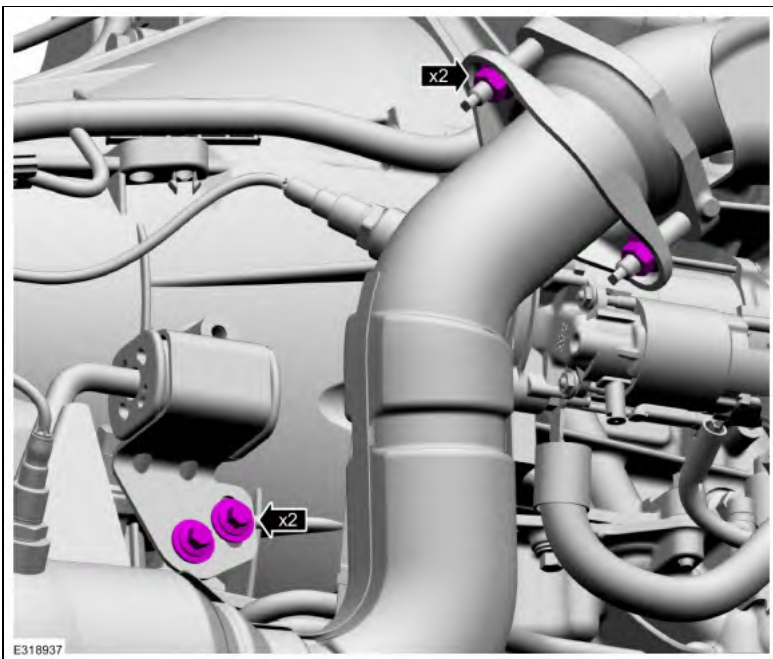
4.
 1. Install the spark plug wires onto the spark plugs.
 2. Connect the spark plug wires to the ignition coils.



- 5.
1. Position the Y-pipe and install the new nuts.
Torque: 30 lb.ft (40 Nm)
 2. Install the exhaust hanger bolts.
Torque: 18 lb.ft (25 Nm)



- 6.
1. Install the new Y-pipe nuts.
Torque: 30 lb.ft (40 Nm)
 2. Install the exhaust hanger bolts.
Torque: 18 lb.ft (25 Nm)



7. Start and check the exhaust system for leaks.

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