

SECTION 303-01C Engine — 6.0L Diesel

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IN-VEHICLE REPAIR

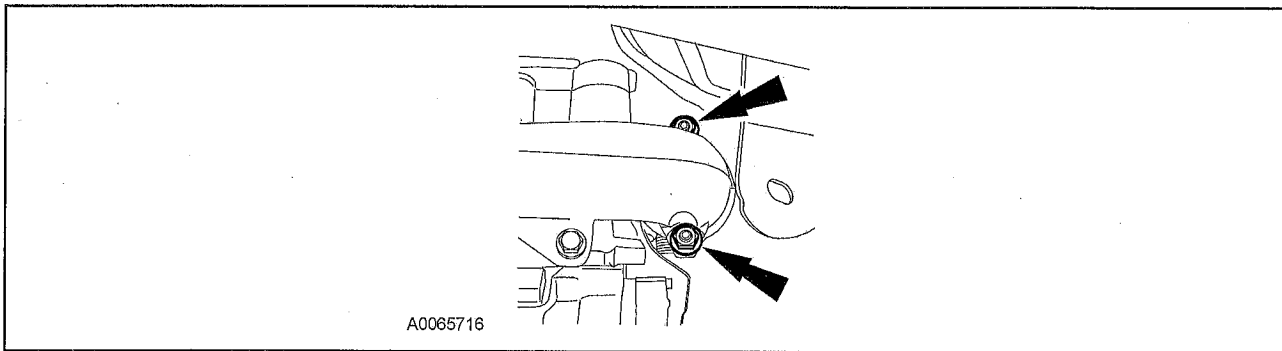
Exhaust Manifold — LH	303-01C-2
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IN-VEHICLE REPAIR**Exhaust Manifold — LH****Material**

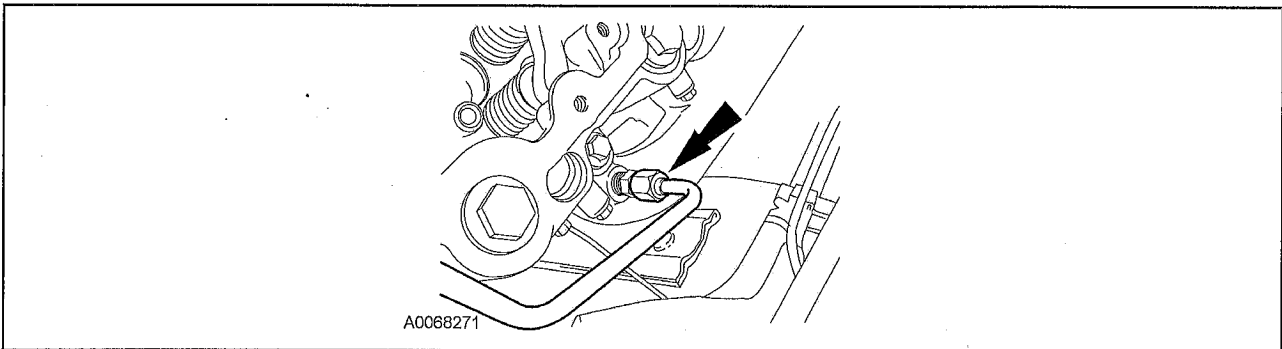
Item	Specification
High Temperature Nickel Anti-Seize Lubricant XL-2 or equivalent	ESE-M12A4-A

Removal

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. Prior to removing the exhaust manifold, inspect the exhaust manifold for warpage with a feeler gauge between the manifold and the cylinder head. Record the measurement and compare with the specifications.
3. Remove the LH bolts for the turbocharger adapter pipe.

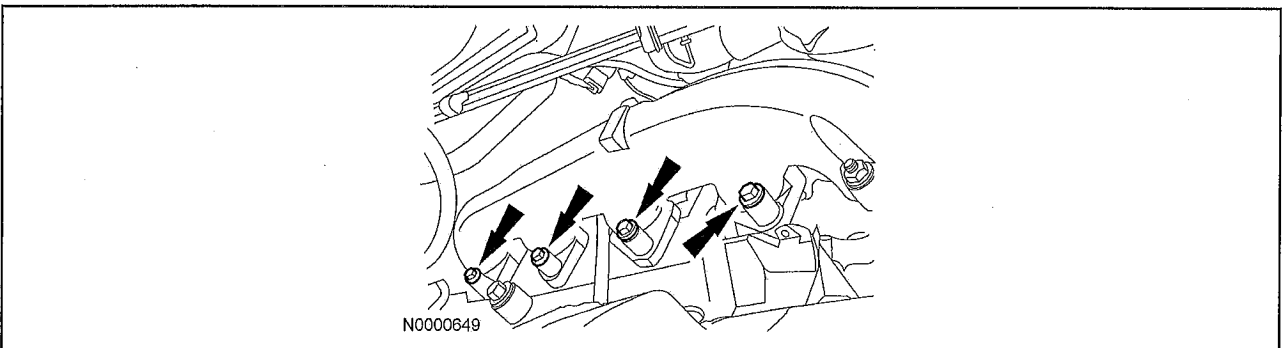


4. Disconnect the exhaust pressure tube at the exhaust manifold.



5. **NOTE:**
Bottom bolts shown, top bolts similar.

Remove the bolts and the LH exhaust manifold.

**Installation**

1. **NOTE:**

IN-VEHICLE REPAIR (Continued)

Start installing the bolts with the second bolt from the rear on the top. The hole diameter is smaller, therefore allowing alignment of the remaining bolts.

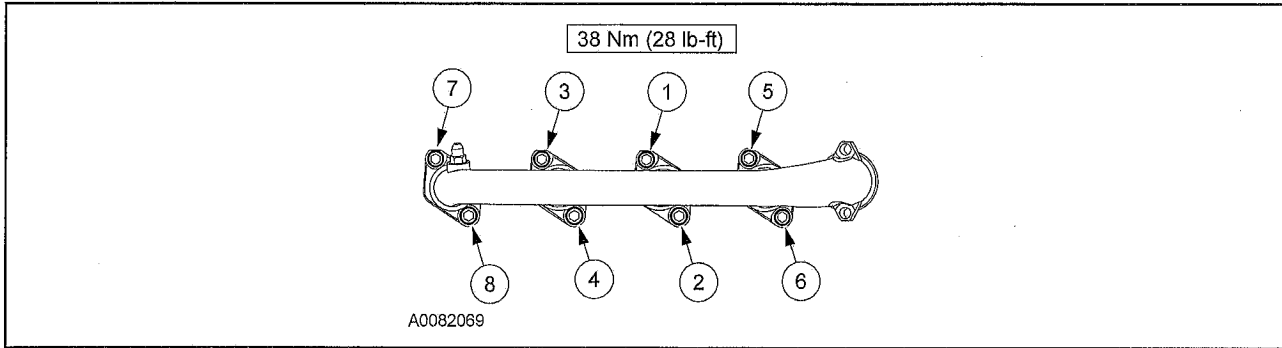
NOTE:

When installing the exhaust manifolds, use only prevailing torque hex flange bolts with an interference fit.

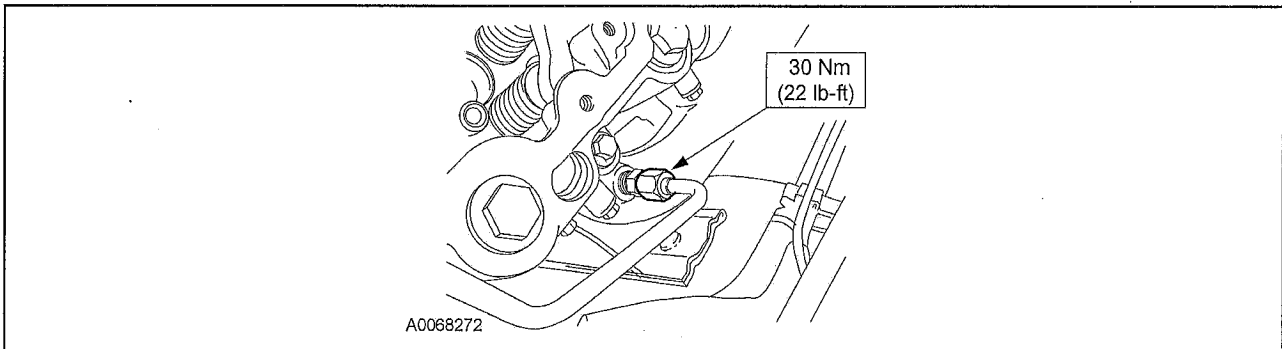
NOTE:

Apply anti-seize lubricant to the bolt threads prior to installing the bolts.

Install the LH exhaust manifold and bolts. Tighten the bolts in the sequence shown.



2. Connect the exhaust pressure tube at the exhaust manifold.



3. **NOTE:**
Apply anti-seize lubricant to the bolt threads prior to installing the bolts.

NOTE:

Alternately tighten the bolts to specification.

Install the LH bolts for the turbocharger adapter pipe.

