

Spark Plugs

Removal

Upper spark plugs

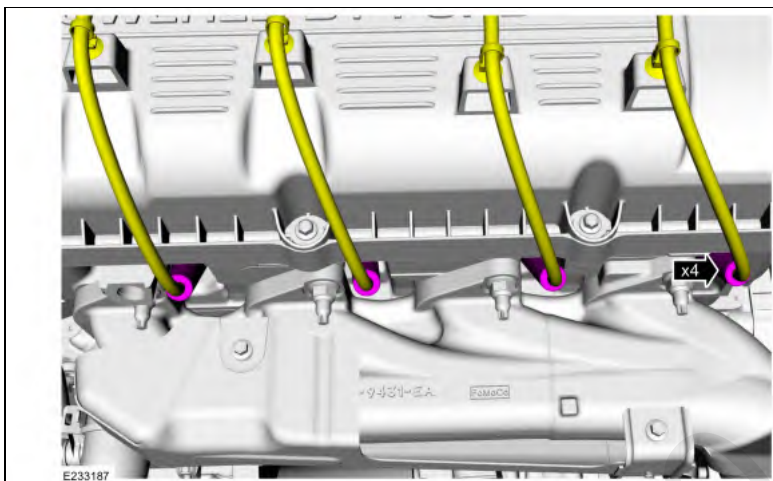
1. Remove the ignition coil-on-plugs.
Refer to: Ignition Coil-On-Plug (303-07A Engine Ignition - 6.2L V8, Removal and Installation).

Lower spark plugs

2. **NOTE:** Use compressed air to remove any foreign material from the spark plug wires and surrounding area before removing the spark plug wires.

NOTE: When removing the spark plug wires from the spark plugs, a slight twisting motion will break the seal and ease removal.

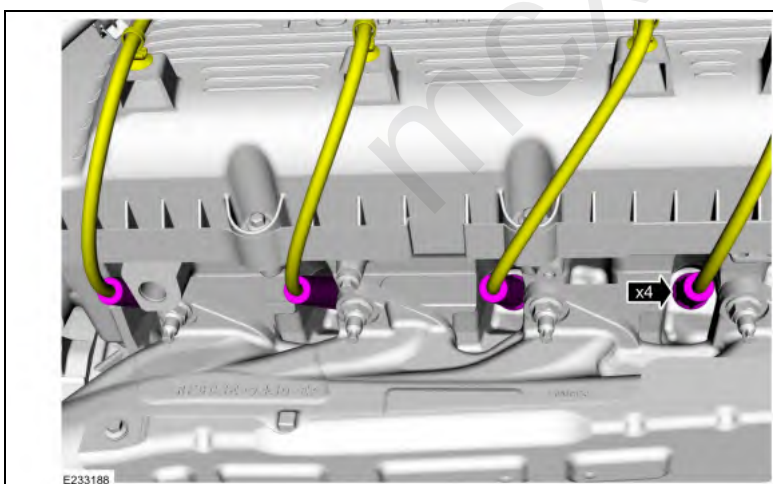
- Disconnect the left lower spark plug wires.



3. **NOTE:** Use compressed air to remove any foreign material from the spark plug wires and surrounding area before removing the spark plug wires.

NOTE: When removing the spark plug wires from the spark plugs, a slight twisting motion will break the seal and ease removal.

- Disconnect the right lower spark plug wires.



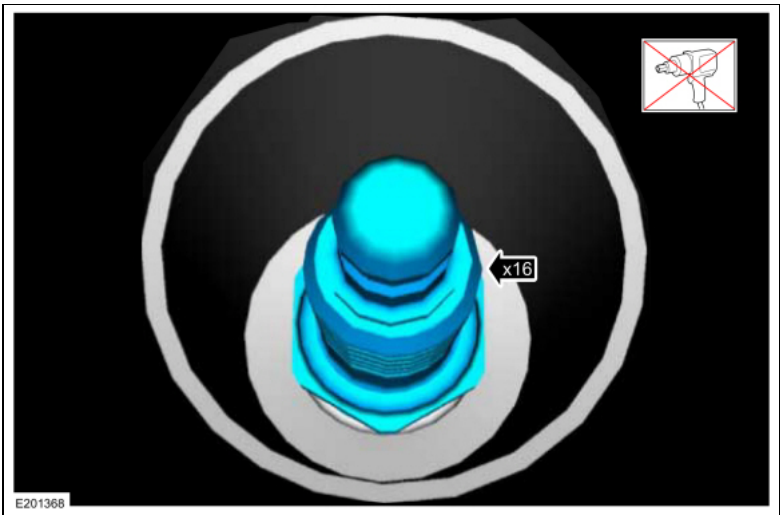
All spark plugs

4. **NOTICE:** Do not remove the spark plugs when the engine is hot or cold soaked. Spark plug thread or cylinder head damage can occur. Make sure that the engine is warm (hand touch after cooling down) prior to spark plug removal.

NOTICE: If a spark plug is dropped, internal damage may result and the spark plug must be discarded. The use of a damaged spark plug may cause cylinder misfire resulting in engine damage.

NOTE: Use compressed air to remove any foreign material in the spark plug well before removing the spark plugs.

Remove the spark plugs.



5. Inspect the spark plugs.
Refer to: Spark Plug Inspection (303-00 Engine System - General Information, General Procedures).

Installation

All spark plugs

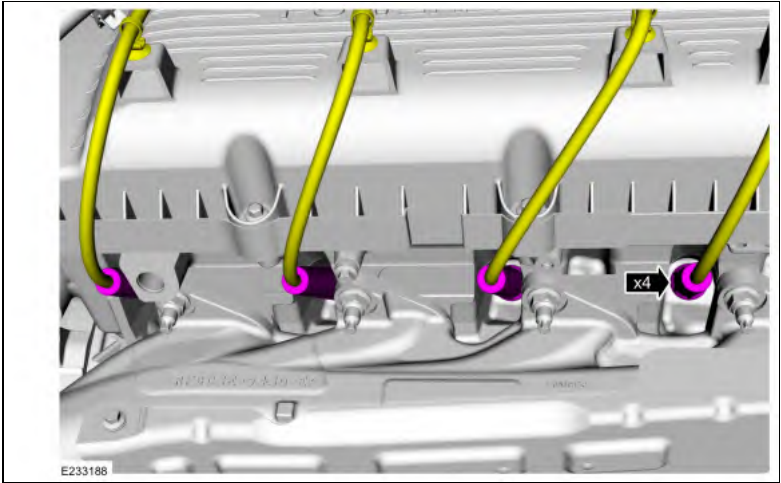
1. **NOTICE:** If a spark plug is dropped, internal damage may result and the spark plug must be discarded. The use of a damaged spark plug may cause cylinder misfire resulting in engine damage.

Install the spark plugs.
Torque: 18 lb.ft (24 Nm)

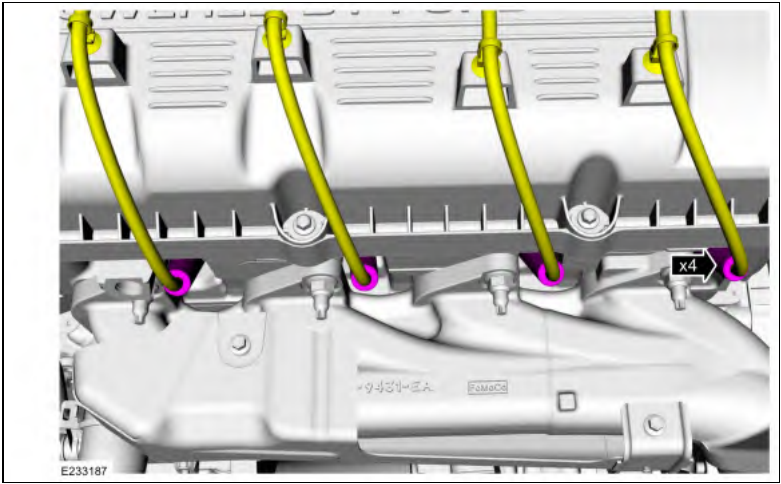


Lower spark plugs

- 2.
- Connect the right lower spark plug wires.



- 3.
- Connect the left lower spark plug wires.



Upper spark plugs

- 4. Install the ignition coil-on-plugs.
Refer to: Ignition Coil-On-Plug (303-07A Engine Ignition - 6.2L V8, Removal and Installation).

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