

Spark Plugs

Removal

NOTICE: The spark plug procedure must be followed exactly or damage to the cylinder head and spark plug will result.

NOTE: Removal steps in this procedure may contain installation details.

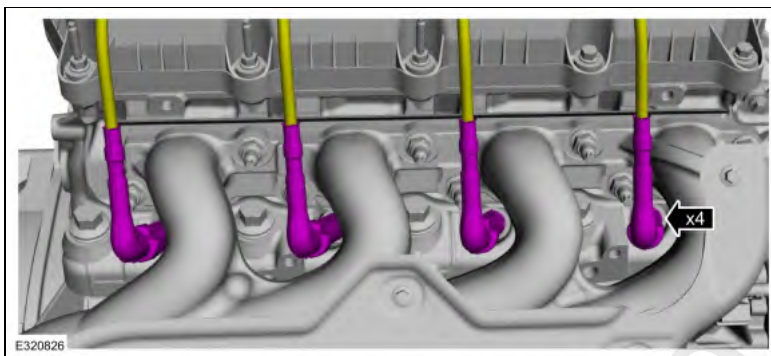
NOTE: RH shown, LH similar.

1.
 1. Use compressed air to remove any foreign material from the spark plug wires and surrounding area before removing the spark plug wires.
 2. **NOTE:** When removing the spark plug wires from the spark plugs, a slight twisting motion will break the seal and ease removal.

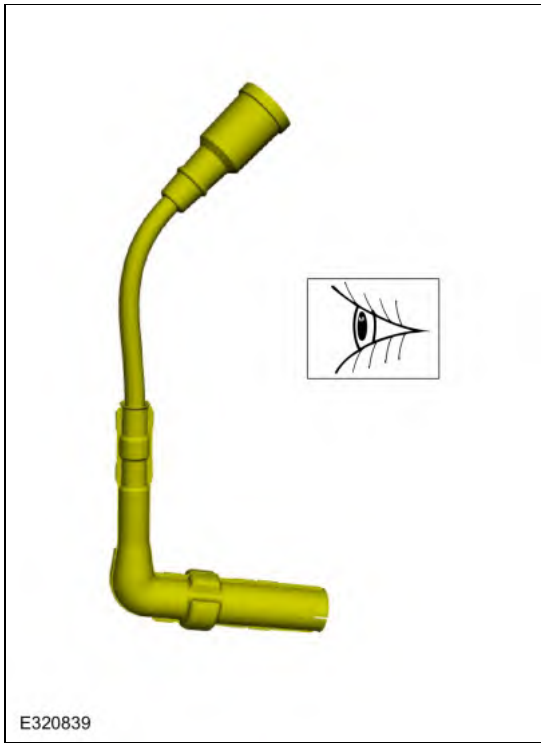
NOTE: Do not use standard wrenches or pliers to remove the spark plug wire as they will damage the cables or metal shields.

NOTE: Do not rock the spark plug wire up or down.

Grasp the end of spark plug wire at metal shield as close to spark plug as possible and pull in direction away from engine.



2. Inspect the spark plug wires for cracks, carbon tracking, dirt and separation of the metal shield as the metal shield is required for thermal protection. Replace any damaged spark plug wires.



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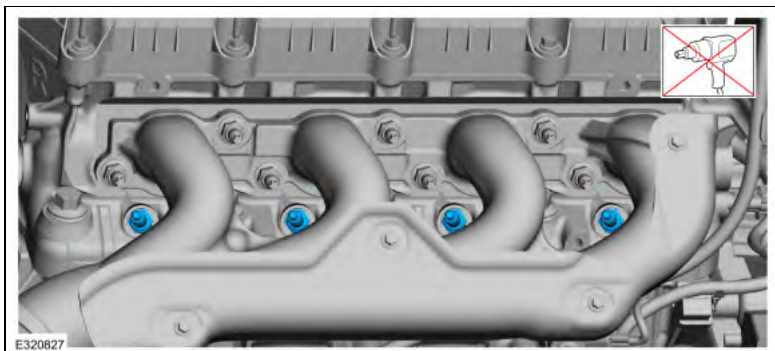
3. **NOTICE:** Do not remove the spark plugs when the engine is hot or cold soaked. Spark plug thread or cylinder head damage can occur. Make sure that the engine is warm (hand touch after cooling down) prior to spark plug removal.

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.

NOTICE: Only use hand tools when removing or installing the spark plugs or damage can occur to the cylinder head or spark plug.

Remove the spark plugs.

Torque: 133 lb.in (15 Nm)



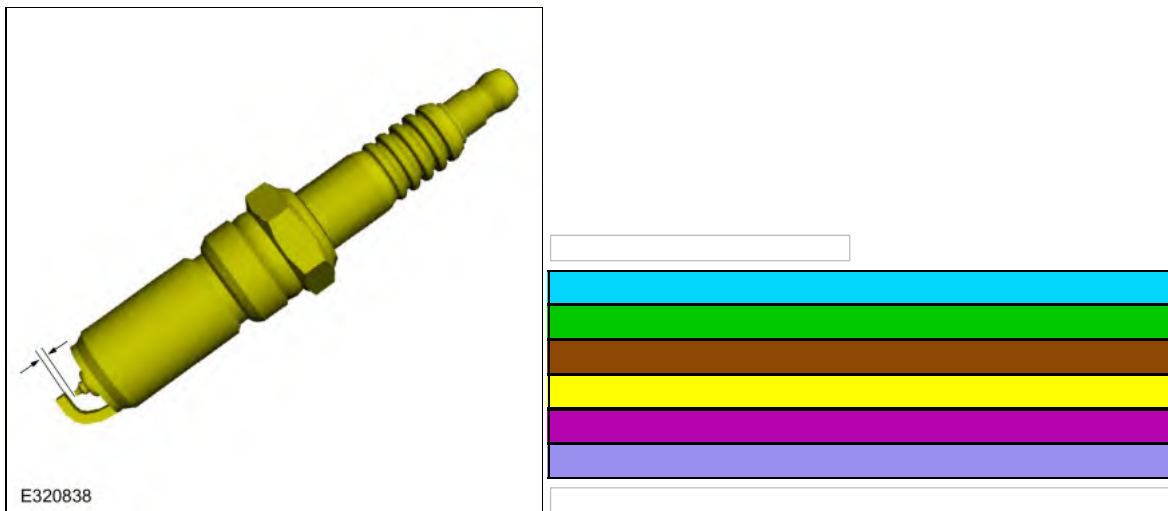
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4. Inspect the spark plugs.
Refer to: Spark Plug Inspection (303-00 Engine System - General Information, General Procedures).

Installation

1. Adjust the spark plug gap as necessary. For the correct spark plug gap specification, refer to Specifications in this section.



2. To install, reverse the removal procedure.

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