

Indmar Products

5400 Old Millington Rd.
Millington, TN 38053
Phone 901-353-9930
Fax 901-358-4292

SERVICE PROCEDURE

Date: 5/30/14

Alert: SP2015-1

Subject: 6.2L Indmar/Ford Spark Plug Replacement

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

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 the engine is warm (hand touch after cooling down) prior to spark plug removal.

NOTICE: Use only hand tools when removing the spark plugs or damage can occur to the cylinder head or spark plug.

1. Disconnect the 8 ignition wires from the spark plugs. Twist the spark plug boots before pulling them off to break them loose. Make sure to pull on the spark plug wire boots and not on the wires to prevent damage to the wires.
2. Remove the 8 coil-on-plug bolts.
3. When removing the ignition coils, a slight twisting motion will break the seal and ease removal. Remove the 8 ignition coils-on-plug.
4. Use compressed air to remove any foreign material from the spark plug wells before removing the spark plugs. Remove the spark plugs.

NOTE: Production engines may come with different plugs in the upper and lower locations. For service purposes, the same spark plug is used in both locations.

5. Adjust the gap on the new spark plugs (Indmar P/N 597037, Motorcraft CYFS12FP) to 0.044 in (1.12 mm).
6. Install the spark plugs. Torque to 159 lb-in (18 Nm).
7. Verify that the ignition coil spring is correctly located inside the ignition coil-on-plug boot and that there is no damage to the tip of the boot. Apply a light coating of dielectric grease to the inside of the ignition coil boots and lower spark plug boots.
8. Install the ignition coils-on-plug over the upper spark plugs. Tighten bolts to 89 in-lb (10 Nm).
9. Connect the ignition wires to the lower spark plugs.