

How Do I Inspect Spark Plugs?

10RESV/12RESV

INSPECTING SPARK PLUGS

Wear protective goggles and clothing when using power tools, hand tools, or compressed air.



Disable the generator set. Accidental starting can cause severe injury or death. Before working on the generator set or equipment connected to the set, disable the generator set as follows:

- Press the generator set off/reset button to shut down the generator set.
- Disconnect the power to the battery charger, if equipped.
- Remove the battery cables, negative (-) lead first. Connect the positive (+) lead first when reconnecting the battery.

Reset the spark plug gap or replace the plugs with new plugs as necessary.

- Clean the area around the base of the spark plug to keep dirt and debris out of the engine.
- Remove the spark plug and check its condition. Replace the spark plug if it is worn or if its reuse is questionable.
- Check the spark plug gap using a wire feeler gauge. See Figure 4-3 for the recommended spark plug gap. Adjust the gap by carefully bending the ground electrode. See Figure 4-4 and Figure 4-5.
- For easy removal, apply a light coating of anti-seize lubricant to the cleaned spark plug threads. Wipe away any excess compound.
- Reinstall the spark plug into the cylinder head. Torque the spark plug to 24.4–29.8 Nm (18–22 ft lb)

Generator Set Model	Spark Plug Gap
8/10/12RESV/RESVL	0.508 mm (0.020 in)

Figure 4-3

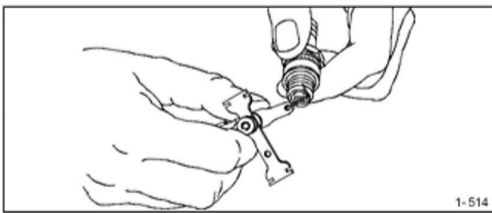


Figure 4-4

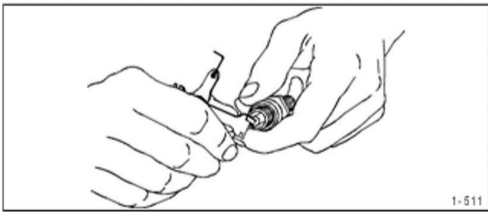


Figure 4-5