

2007 Lexus IS 250 RWD V6-2.5L (4GR-FSE)

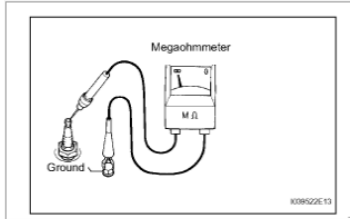
Vehicle Level → Engine, Cooling and Exhaust → Engine → Spark Plug → Testing and Inspection

Testing and Inspection

INSPECT SPARK PLUG

NOTE:

- Do not use a wire brush for cleaning.
- Do not attempt to adjust the electrode gap of a used spark plug.

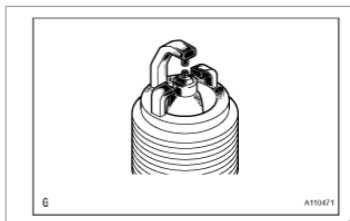


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a. Check the electrode.

- Using a megohmmeter, measure the insulation resistance. Insulation resistance: **10 MOhms** or more **HINT:** If a megohmmeter is not available, perform the following simple inspection instead.

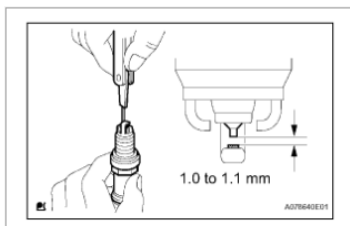


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b. Alternative inspection method:

- Quickly accelerate the engine to **4,000 rpm** 5 times.
- Remove the spark plug.
- Visually check the spark plug. If the electrode is dry, the spark plug is functioning properly. If the electrode is damp, proceed to the next step.



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Recommended spark plug	
Manufacturer	Product
DENSO made	FK20HBR11

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- Check the spark plug for any damage to its threads and insulator. **HINT:** If there is any damage, replace the spark plug. If not, reinstall the spark plug.
- Check the spark plug electrode gap. Maximum electrode gap for a used spark plug: **1.3 mm (0.051 in.)** If the gap is greater than the maximum, replace the spark plug. Electrode gap for a new spark plug: **1.0 to 1.1 mm (0.039 to 0.043 in.)** **NOTE:** If adjusting the gap of a new spark plug, bend only the base of the ground electrode. Do not touch the tip. Never attempt to adjust the gap of a used plug.