2010-2016 Land Rover LR4 - Spark Plug Replacement

2010-2016 Land Rover LR4 | Advanced | 1-3 hours | $115 DIY

TOOLS

Metric/SAE socket set with extensions and swivel Spark-plug socket with rubber insert or magnet Torque wrench covering the plug range Compressed air or a soft brush, dielectric grease, gloves, and eye protection T30 Torx Bit 9/16-inch spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2010-2016 Land Rover LR4; verify engine, heat range, gap, and VIN fitment $115.00

Coil-boot seals or ignition coils only if inspection finds damage $35.00

STEPS

1. **Confirm engine and plug fitment - Confirm the 5.0L V8 (AJ133): OE plug is NGK Laser** Iridium ILKAR7C10 (supersedes ILKAR6C10), gapped 0.040", 105,000-mile interval. Buy eight. Scan for misfire codes first; check for oil in the wells - leaking valve-cover gaskets foul new...
2. **Cool and expose the plugs - Let the 5.0L cool fully. You don’t need to remove the battery** tray. Disconnect the negative cable only if your service procedure calls for it. The airboxes pull straight up off their mounts with no tools - wiggle, don’t force.
3. **Remove coils and clean wells - Remove the bolt, unplug the coil if needed (driver’s-side** coils can stay on the harness), and pull the coil straight out. Blow every well clean before loosening a plug. Keep a magnetic pickup tool handy; a dropped Torx bolt vanishes into t...
4. **Remove and install plugs - Remove old plugs with a 9/16" socket and extension; compare** reach and check for oil - a wet well needs a valve-cover gasket. Hand-start new plugs, tighten to the manual’s spec. Never use an impact; keep the socket aligned with the angled...
5. **Reconnect and verify - Reseat each coil fully, refit the T30 bolts, reconnect the harness** clips and any unplugged connectors, and reinstall the airboxes. Recheck the coil bolts after a short drive - the Torx bolts are easy to leave under-torqued.

TORQUE

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