2010-2018 Ram 2500 - Spark Plug Replacement

2010-2018 Ram 2500 | 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 5/8-inch (16mm) spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2010-2018 Ram 2500; 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 engine: the 5.7L Hemi runs two plugs per** cylinder - 16 total. Scan for misfire codes first. The Hemi’s 16-plug layout means buying two boxes of eight; the original copper plugs were a 30,000-mile item.
2. **Cool and expose the plugs - Let the Hemi cool fully. Each cylinder has one coil-on-plug** plus a second plug fired by a plug wire from the neighboring coil - the coils sit in a row on each valve cover. Remove the engine cover and move any intake ducting for room.
3. **Remove coils - Unplug each coil connector, remove the coil hold-down bolt, and pull the** coil straight up; then pull the plug-wire boots for the secondary plugs. Keep everything in cylinder order - with 16 plugs, organization is half the job.
4. **Remove and install plugs - Remove each old plug with a 5/8" spark-plug socket and** extension, one cylinder at a time. Compare the old plugs’ reach to the new LZFR5C-11s and check for oil in the wells. Start each new plug by hand for several threads - a short hose on...
5. **Reconnect and verify - Reseat each coil with dielectric grease inside the boot, press** every plug-wire boot firmly home, refit the hold-down bolts, and reconnect all connectors. Reinstall the cover and ducting, and start the Ram. Confirm a smooth idle with no che...

TORQUE

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