# 2005-2008 Dodge Magnum - Spark Plug Replacement

2005-2008 Dodge Magnum | Advanced | 2-4 hours | $115 DIY

**TOOLS**

5/8-inch spark plug socket with rubber insert 3/8-inch ratchet 3-inch, 6-inch, and 10-inch 3/8-inch extensions Universal joint (swivel) adapter 10mm socket Feeler gauge set Dielectric grease Magnetic pickup tool Flathead screwdriver Compressed air

**PARTS**

Correct spark plug set for the gasoline/ICE engine in 2005-2008 Dodge Magnum; 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. **Identify your engine - the HEMI has 16 plugs - Check your badge and engine cover, then** buy the right count and the plug type your manual specifies. Disconnect the negative battery terminal and let the engine cool completely before you start.
2. **Remove the engine cover and plan rear-plug access - Lift off the plastic engine cover to** expose the coils. On the V6 models the coils sit in a row along each cylinder head and are reachable from above. Remove any intake tubing that blocks the coil area first.
3. **Unplug and remove the ignition coils - Working one cylinder at a time, press the locking** tab on the coil connector and pull it straight off - never yank by the wires. Remove the single coil retaining bolt and lift the coil out with a gentle twist.
4. **Remove the old spark plugs - Blow debris out of each plug well with compressed air. Use a** 5/8-inch spark plug socket with a rubber insert on a long extension stack to break each plug loose and lift it out. Keep the old plugs grouped by cylinder to read their condition.
5. **Gap-check and install the new plugs - Lower each plug into its well inside the socket so** it cannot fall and close the gap, thread it in by hand until finger-tight, then snug it about a quarter to a half turn more after the washer seats.
6. **Reinstall the coils, cover, and intake tubing - Push each coil fully down onto its plug,** reinstall the retaining bolt, and reconnect the electrical connector until it clicks. Refit the intake tubing and the engine cover, then reconnect the negative battery terminal.
7. **Test-drive and confirm no misfires - Start the engine and let it idle - it should be** smooth with no flashing check-engine light. Note the mileage: the V6 copper-core plugs are a shorter-interval item than the HEMI plugs, so follow the owner’s manual schedule for your engine.

**TORQUE**

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