# 2020-2024 Chrysler Voyager - Spark Plug Replacement



**2020-2024 Chrysler Voyager | 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 2020-2024 Chrysler Voyager; verify engine, heat range, gap, and VIN fitment $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00
New plenum gasket set

## STEPS

1. **Confirm engine and plug fitment - Confirm the 3.6L Pentastar V6: the OE-type plug is the** NGK Laser Iridium ILZKR7B11 (stock #7751), gapped at 0.044" (the Champion RER8ZWYCB4 is the other OE plug). Buy six. Scan for misfire codes first - a code will tell you which bank to w...
2. **Cool and expose the plugs - Let the 3.6L cool completely. Remove the engine cover and** intake ducting, then disconnect the throttle body, vacuum lines, and sensors from the plenum, labeling every connector. The plenum bolts are different lengths; keep them in order fo...
3. **Remove coils and clean wells - Lift the plenum off and stuff the open intake ports with** clean rags. Unplug each coil connector, remove the 10mm coil bolt, and pull each coil straight out. Blow compressed air into every well before loosening a plug. Keep the coils in cyl...
4. **Remove and install plugs - Remove each old plug with a 5/8" spark-plug socket and a 6"** extension, one cylinder at a time. Check old plugs for oil fouling, then tighten the new plugs to the manufacturer’s spec in the owner’s manual - never an impact.
5. **Reconnect and verify - Reinstall the plenum with the new gaskets, torque its bolts to** spec in sequence, and reconnect the throttle body, vacuum lines, and every sensor. Reseat the coils with dielectric grease inside each boot, reconnect the battery if removed, a...

**TORQUE**

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