# 2015-2022 Ram ProMaster City - Spark Plug

**2015-2022 Ram ProMaster City | 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  16mm spark-plug socket with rubber insert

**PARTS**

Correct spark plug set for the gasoline/ICE engine in 2015-2022 Ram ProMaster City; 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 - The 2.4L Tigershark MultiAir is the only North American** engine: four NGK LFR5AHX iridium plugs (stock 96355), gapped to 0.040 inches. Scan for misfire codes (P0300-P0304) first - a rough idle with a single-cylinder code is often one worn...
2. **Cool and expose the plugs - Cool the van - aluminum head. Pop the engine cover off its** grommets to expose the four coils, unclipping the intake duct if it overhangs them. Disconnect the negative terminal with a 10mm wrench; all four plugs are reachable straight dow...
3. **Remove coils and clean wells - Unplug each coil, remove the 10mm bolts, and pull each** coil up with a gentle twist, keeping them in order. Blow each well out with compressed air before loosening a plug - work-van dust funnels down the deep wells. One cylinder at a time.
4. **Remove and install plugs - Loosen each plug with a 5/8-inch (16mm) socket. Compare new to** old - thread, reach, heat range. Check the 0.040-inch gap with a wire gauge; never pry the iridium tip. Hand-thread until seated, torque to spec, install dry - no anti-seiz...
5. **Reconnect and verify - Grease inside the coil boots only - never the plugs. Snug the 10mm** bolts, click the connectors home, refit duct and cover, reconnect the negative, and start up. Steady idle, no check-engine light; a repeat misfire on one cylinder points...

**TORQUE**

ezcarfix.com