1986-1997 Ford Aerostar - Spark Plug Replacement

1986-1997 Ford Aerostar | 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 1986-1997 Ford Aerostar; 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 your 1986-1997 Ford Aerostar’s engine. Early** vans have the 3.0L Vulcan V6 (VIN U), while 1990-and-newer vans could have the 4.0L Cologne V6. They take six Motorcraft copper plugs (the SP-413 type), gapped to 0.044 inches, with a 5/...
2. **Cool and expose the plugs - Let the 1986-1997 Ford Aerostar cool completely. Here is the** Aerostar’s party trick. The engine sits between the front seats under a removable interior engine cover.
3. **Remove the wires - Twist each plug boot to break it loose and pull the wires with** plug-wire pliers. Disconnect the other ends from the distributor cap or coil pack one at a time, labeling each wire’s position. Inspect the wires as they come off.
4. **Remove the old plugs - Remove each old plug with a 5/8-inch spark plug socket and compare** it to the new Motorcraft copper plug. Set the gap to 0.044 inches with a wire gauge. And double-check against the emissions label under the hood. Do not over-tighten into t...
5. **Reconnect and verify - Route each plug wire to its correct cylinder and tower,** double-checking against the firing order on the emissions label. Push every boot firmly onto its plug and distributor or coil tower until seated. Start the van and confirm a smooth id...

TORQUE

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