2006-2013 Chevrolet Silverado 2500 - Spark Plug

2006-2013 Chevrolet Silverado 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 16mm spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2006-2013 Chevrolet Silverado 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 - Gas 6.0L Vortec V8 (LQ4, LY6, L96) - the 6.6L Duramax** diesel has glow plugs, not spark plugs. Eight AC Delco 41-110 iridium plugs gapped to 0.040 inches (2007-and-newer; 2006 used the 41-962 double-platinum per GM bulletin 13D-070).
2. **Cool and expose the plugs - Let the 6.0L cool - hot plugs strip aluminum heads. Twist** each wire boot loose and pull it off with plug-wire pliers, never by the wire. Cylinders 7 and 8 are tight against the firewall; use a swivel socket.
3. **Remove coils and clean wells - Unbolt coils blocking access. Blow every plug well out** with compressed air before loosening anything - grit scores cylinder walls. Use a 5/8-inch (16mm) socket with the rubber insert. Label each wire by cylinder; crossed wires feel like...
4. **Remove and install plugs - Pre-gapped to 0.040 inches - check with a wire gauge but never** pry on the iridium tip; GM says discard out-of-spec plugs. Hand-thread plugs several turns, then torque to 11 ft-lb (132 in-lb). Install dry.
5. **Reconnect and verify - Put dielectric grease inside each plug boot - never on the threads** or electrodes. Snap each wire onto its plug and coil until it clicks. Rescan and road-test under load; a miss on one cylinder points to that coil or wire.

ezcarfix.com