2015-2023 Ford Mustang - Spark Plug Replacement

2015-2023 Ford Mustang | Moderate | 45-90 minutes | $41 DIY

TOOLS

Spark plug socket Ratchet and extensions Torque wrench Gap tool Dielectric grease Gloves

PARTS

Spark plugs (correct heat range) $35.00
Dielectric grease $6.00
Spark Plugs (Motorcraft CYFS-12F-1X / SP-548, 5.0L V8, set of 8) CYFS-12F-1X
Spark Plugs (Motorcraft SP-594, 2.3L EcoBoost, set of 4) SP-594

STEPS

1. **Confirm engine and plug fitment - Confirm the engine in your 2015-2023 Mustang. The 5.0L** Coyote V8 takes the Motorcraft CYFS-12F-1X (SP-548) platinum plug - buy 8, pre-gapped; verify the spec in your owner's manual rather than adjusting. The 2.3L EcoBoost four takes Moto...
2. **Cool and expose the plugs - Let the engine cool completely and disconnect the negative** battery cable. Remove the engine cover; on the Coyote the strut tower brace should come off for coil access. Swivel sockets help here.
3. **Remove coils and clean wells - Unplug each coil connector, remove the hold-down bolt, and** lift the coil straight up. Blow or brush every plug well clean before loosening a plug - the deep Coyote wells collect grit against the cowl.
4. **Remove and install plugs - Start each new Motorcraft plug by hand and tighten to the** manufacturer's spec in your owner's manual - never an impact gun. On the EcoBoost, verify the 0.030 in gap but do not pry on the finewire tips.
5. **Reconnect and verify - Reinstall the coils, connectors, strut tower brace, and cover;** reconnect the battery. The Coyote should idle with its even V8 lope and the EcoBoost pull cleanly under boost; any stumble points to a coil connector that didn't seat, not the...

TORQUE

Spark plugs (generic ~13 ft-lbs / 18 Nm - check your vehicle manual) 18 Nm 13 ft-lbs

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