2019-2024 Chevrolet Silverado 1500 | Advanced | 1.5-2.5 hours | $110 DIY

TOOLS

Socket set with extensions (13mm, 14mm, 15mm typical) Universal joint adapter Jack and two jack stands plus wheel chocks Penetrating oil for exhaust hardware Work light Torque wrench Gloves and safety glasses Battery load tester

PARTS

Starter motor $110.00

STEPS

1. **Verify the battery is healthy first - No click at all can be a failed starter relay or an** immobilizer issue than the motor itself. Load-test the battery, clean both terminals, and check the ground strap to the frame before you order a starter.
2. **Disconnect the negative battery cable - This is the most important safety step of the** job: the heavy cable to the starter is live at all times, and the cramped space under the truck lets a slipping wrench easily bridge the cable to the frame or block.
3. **Get under the truck and locate the starter - Raise the front of the truck and support it** solidly on jack stands. Remove any underbody shields or the transmission dust cover blocking your view, and photograph the cable routing and the exhaust layout before you unbolt anything.
4. **Disconnect the wiring and remove the starter - Disconnect the large B+ cable from the** solenoid stud and tuck it aside so the terminal cannot touch the block, then disconnect the smaller signal wire. Remove the mounting bolts - on these trucks the bolt heads are reached from below wit...
5. **Match the replacement to your engine - On 2019+ trucks the starter must also match the** engine - the 5.3L V8, 2.7L turbo four, and 3.0L diesel use different units - so verify the box against your engine code first.
6. **Install the new starter and refit the exhaust - Slide the new starter into the** bellhousing bore straight so the pinion seats cleanly, start both mounting bolts by hand to avoid cross-threading, and tighten them evenly. Reconnect the small signal wire first, then the heavy B+ cable, conf...
7. **Reconnect, start and check for leaks - Reconnect the negative battery cable and tighten** the clamp. Crank the engine - it should spin briskly and engage cleanly without grinding. Take a short drive, then re-check under the truck for leaks or loose hardware once everything has...

TORQUE

Starter mounting bolts 45 Nm 33 ft-lbs

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