2019-2024 Chevrolet Silverado - Transmission Fluid

2019-2024 Chevrolet Silverado 1500 | Moderate | 1.5-2.5 hours | $35 DIY

TOOLS

Fluid transfer pump or long-neck fill bottle Large drain pan Socket set for pan bolts OBD-II scan tool that reads transmission temperature Four jack stands or a lift Nitrile gloves and safety glasses Torque wrench if your manual lists pan-bolt specs

PARTS

Transmission fluid (exact spec) $35.00
Transmission filter (if pan-off) $25.00
Transmission pan gasket

STEPS

1. **Identify which automatic your Silverado has - The 2019-2024 Silverado 1500 used two** different automatics: the 2019 trucks mostly carry the 8-speed 8L90, while 2020-and-newer trucks (and every 3.0L Duramax) run the 10-speed 10L80. Both are sealed units with no dipstick - the fluid...
2. **Gather fluid, a pump, and a level setup - Buy only the automatic transmission fluid your** owner's manual specifies for your truck's transmission - the wrong fluid will ruin shift quality and can damage the unit, and fluid specs are never something to guess at. You will also need...
3. **Warm the fluid and open the fill port first - Drive the truck until the transmission is** up to operating temperature - warm fluid drains far more completely. With the truck level and secure, crawl under and locate the fill port on the side of the transmission case; remove its plug no...
4. **Drain by dropping the pan - Many factory pans on these transmissions have no separate** drain plug, so the standard service is to drop the pan: place your large drain pan underneath, loosen the pan bolts gradually, and lower the rear of the pan first so fluid pours in...
5. **Reinstall the pan and pump in fresh fluid - Fit a new pan gasket (never reuse a crushed** one), reinstall the pan, and tighten the bolts evenly in a crisscross pattern so the gasket seals without distortion. Then pump fresh fluid in through the side fill port until fluid begins to run...
6. **Set the level hot, running, and level - This is the step that makes or breaks the job.** With the truck still perfectly level, start the engine and let the transmission fluid reach 131-149F - read it with a scan tool through the OBD-II port, which is how GM intends this chec...
7. **Road-test and recheck for leaks - Take the truck for a short drive with several gentle** stops and starts so the transmission works through its gears, then park on level ground and look underneath for any seepage at the pan rail, fill port, and level plug. If anything weeps,...

TORQUE

Transmission pan bolts 12 Nm 9 ft-lbs

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