2013-2019 Nissan Sentra - Transmission Fluid Change

2013-2019 Nissan Sentra | Moderate | 1-1.5 hours

TOOLS

Floor jack and jack stands 17mm socket and ratchet 5mm Allen socket Torque wrench Drain pan (5-quart capacity minimum) Long-neck funnel with hose Scan tool that reads CVT fluid temperature Measuring container

PARTS

Nissan CVT Fluid NS-3, 5 quarts (999MP-NS300P) 999MP-NS300P $83.00
CVT drain plug washer 11026-JA00A

STEPS

1. **Confirm your Sentra has the CVT - This guide covers 2013-2019 Sentra models with the** Jatco JF015E (CVT7, RE0F11A) continuously variable transmission, fitted to the 1.6L and 1.8L engines. If your Sentra has the 6-speed manual transmission, stop here: it uses 75W-85 GL-4 gea...
2. **Raise the car and get underneath safely - Lift the front of the car with a floor jack and** support it securely on jack stands. Never work under a car held up by a jack alone. Place a drain pan with at least 5-quart capacity under the CVT pan.
3. **Drain the old fluid - Remove the 17mm drain plug on the bottom of the CVT oil pan and let** the fluid drain. Then, through the same drain hole, remove the overflow tube with a 5mm Allen socket - this is what lets the pan drain fully. About 3.5 to 4 quarts shoul...
4. **Reinstall the overflow tube and drain plug - Reinstall the overflow tube and torque it to** 11 ft-lbs. Fit a NEW drain plug washer (Nissan 11026-JA00A) on the drain plug and reinstall it. The factory drain plug torque figure is not published in the sources we could verify, so tighten i...
5. **Refill with NS-3 fluid through the fill plug - Remove the fill plug near the CVT** pass-through connector on the side of the transmission (it faces upward). Using a long-neck funnel and hose, add genuine Nissan CVT Fluid NS-3 (part number 999MP-NS300P) - about 3 to 4 quarts, roughly wh...
6. **Circulate the fluid through every gear - Start the engine. With your foot on the brake,** shift the selector through every position from P to L, holding each position for about 5 seconds, then return to Park. This circulates the new fluid through the valve body and the two-speed au...
7. **Set the level at the correct fluid temperature - The fluid level on this CVT is set by** the overflow tube, and it only reads correctly with the fluid between 35 and 45 degrees C (95 to 113 degrees F). Use a scan tool to read the CVT fluid temperature. With the engine idling and the fluid...
8. **Reset the fluid deterioration counter and test drive - If you have a scan tool that can** talk to the transmission control module, reset the CVT Fluid Deterioration value. Lower the car, then test drive for 15 to 20 minutes. Recheck for leaks at drain plug and fill plug, and re-scan for transmis...

TORQUE

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