2016-2017 Toyota Tacoma - Transmission Fluid Change

2016-2017 Toyota Tacoma | Advanced | 2-3 hours | $87 DIY

TOOLS

14mm socket (drain plug) 24mm socket (fill plug) 5mm hex socket (overflow plug) Torque wrench (ft-lbs) Fluid transfer pump Drain pan (5 quart minimum) OBD2 scan tool that reads transmission fluid temperature Jumper wire for dash temp-check mode (alternative to a scan tool) Funnel with hose Measuring container Jack and jack stands or ramps Gloves Safety glasses Shop towels

PARTS

Toyota ATF WS Automatic Transmission Fluid (4 quarts) 00289-ATFWS $70.00
Transmission Drain and Overflow Plug Crush Washers (2) 35178-30010 $10.00
Transmission Fill Plug O-Ring 90301-15004 $7.00

STEPS

1. **Confirm the automatic and set up on level ground - This covers the 6-speed automatic (AC60E 2WD / AC60F** 4WD) in 2016-2017 Tacomas; manuals are not covered. Park on pavement, set the parking brake, and...
2. **Break the fill plug loose first - The fill plug is on the passenger side of the transmission tailshaft** housing. Crack it loose with the 24mm socket and leave it in place. Never drain...
3. **Remove the overflow plug - Remove the overflow plug with the 5mm hex socket and set it aside. Removing it** before the drain plug lets the fluid drain fully.
4. **Remove the drain plug and measure what drains - Position the drain pan, remove the drain plug with the** 14mm socket, and let the fluid drain completely. Measure what came out - expect about 3 quarts...
5. **Reinstall the drain plug with a new crush washer - Fit a new crush washer (35178-30010) to the drain plug,** reinstall it, and torque to 15 ft-lbs (20 Nm).
6. **Reinstall the overflow plug with a new crush washer - Fit the second new crush washer to the overflow** plug, reinstall it, and torque to 15 ft-lbs (20 Nm).
7. **Pump in fresh ATF WS - Remove the fill plug and pump in the measured drain amount plus about a half quart** extra - about 3.5 quarts total - of Toyota ATF WS through the fill...
8. **Reinstall the fill plug with a new O-ring - Fit the new O-ring (90301-15004) to the fill plug, reinstall** it, and torque to 29 ft-lbs (39 Nm).
9. **Start the engine and cycle through the gears - Start the engine and slowly cycle the shifter through every** gear (P-R-N-D and back), pausing a few seconds in each, then return to Park. This circula...
10. **Bring the fluid to the 95-113 F check window - Bring the ATF to 95-113 F (35-45 C). Monitor it with an** OBD2 scan tool that reads transmission temperature, or use the dash temp-check mode shown in...
11. **Set the level at the overflow plug - Engine running, in Park, on level ground: remove the overflow plug.** Let excess fluid drain to a trickle, then reinstall and torque to 15 ft-lbs (20 N...
12. **Test drive and check for leaks - Test drive the truck, check all three plugs for leaks, and confirm** shifting feels normal. Some 2016-2017 trucks left the factory low on fluid, so if...

TORQUE

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