2016-2022 Honda Pilot - Transmission Fluid Change

2016-2022 Honda Pilot | Easy | 2-3 hours | $29 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Funnel Drain Pan Rubber Gloves Safety Glasses Transmission Fluid Pump Creeper or Mat 8mm Hex Socket 3/8-inch Drive Ratchet

PARTS

Honda ATF Type 3.1 Transmission Fluid $8.00
Drain Plug Washer 90471-PX4-000 $1.00
Transmission Fluid Filter 25430-R70-A01 $20.00
Drain plug, single-use (9-speed) 06237-5J4-010

STEPS

1. **Identify Your Transmission (6-spd vs 9-spd!) - The wrong fluid causes shift problems.** Check your trim/year or VIN BEFORE buying fluid. The 9-speed's case is tagged 'ATF3X' (means Type 3.1). Follow the branch for YOUR transmission. Park level.
2. **Drain (different plugs!) - 6-SPEED: Remove the square-drive drain plug (3/8" ratchet, no** socket) - drain ~3.3 qt. Replace the aluminum crush washer (Honda 90471-PX4-000). 9-SPEED: Remove the 8mm hex drain plug - drain ~3.5 qt. Install a NEW drain plug (Honda 062...
3. **Reinstall Drain Plug (36 vs 26 ft-lbs!) - 9-SPEED: install the NEW drain plug** (06237-5J4-010) - torque to 26 ft-lbs. The 6-speed reuses its plug with a new washer; the 9-speed gets a whole new plug. Don't mix up the torques: 36 for 6-speed, 26 for 9-speed.
4. **Refill (DW-1 vs Type 3.1!) - 6-SPEED: Add ~3.3 qt of Honda ATF DW-1 through the dipstick** tube (or the top 17mm fill bolt). The fluids are NOT interchangeable - DW-1 in the 9-speed (or Type 3.1 in the 6-speed) causes problems. Buy 4 quarts for either.
5. **Set Level (dipstick vs level plug!) - 6-SPEED: Check via the dipstick - engine warmed up,** then engine OFF, check within 60-90 seconds. Requires a scan tool, VSA maintenance mode, and gear cycling (1-2-3-4-3-2-1, never past 4th on lift). Don't attempt the 9-speed without a sc...
6. **Check Leaks and Test - Check for leaks. Maintenance Minder code 3 indicates ATF service.** The 6-speed's external filter (Honda 25430-PLR-003) is only replaced after a rebuild - not a routine item. Don't use the wrong fluid - the label 'ATF3X' on the 9-speed m...

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