2020-2024 Mazda3 - Transmission Fluid Change

2020-2024 Mazda3 | Moderate | 2-3 hours | $12 DIY

TOOLS

8mm hex socket Flathead Screwdriver Jack Stands Funnel Drain Pan Torque Wrench Rubber Gloves Safety Glasses Creeper or Mat Transmission Fluid Pump

PARTS

Mazda ATF-FZ Automatic Transmission Fluid 0000-FZ-113E-01 $10.00
Transmission Drain Plug Gasket $2.00

STEPS

1. **Prepare (ATF FZ ONLY!) - The 2020-2024 Mazda3 (BP, 6-speed SkyActiv-Drive FW6A-EL)** transmission fluid change: use Mazda Genuine ATF FZ ONLY (blue, low-viscosity - part 0000-FZ-113E-01). Do NOT use Dexron, Mercon, or universal - Mazda warns other fluids canno...
2. **Remove Airbox, Drain via 8mm Bolt - Remove the engine air-filter box for access to the** transmission dipstick (the FZ dipstick is underneath it). Locate the 8mm hex drain bolt (bottom of the transmission pan). Position the drain pan. Remove the drain bolt - let the ATF drai...
3. **Reinstall Drain Bolt - Torque spec wasn’t verified - tighten snugly (don’t over-tighten).** The FW6A-EL’s drain is an 8mm hex - not high-torque. Don’t strip it.
4. **Fill via FZ Dipstick - Fill through the FZ dipstick hole - add Mazda ATF FZ, the same** amount that drained (~3-3.5 qt). Use ONLY ATF FZ (blue). Measure what drained and match it.
5. **Set Level at >=122F (engine idling!) - Set the level: on level ground, engine IDLING in** Park, ATF at >=50C (122F) - read via scan tool. Remove the FZ dipstick (unbolt it), wipe, reinsert, remove again - fluid should be between the marks (adhering to the central marker)...
6. **Reassemble and Test - Reinstall the air-filter box. Check for leaks. The Mazda3 should** shift smoothly. Mazda’s ’filled for life’ means no factory interval and no flush recommended - but owners commonly do a drain-and-fill every 30,000-80,000 miles. A single d...

TORQUE

Drain plug 45 Nm 33 ft-lbs

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