2019-2024 Mazda 3 - Transmission Fluid Change

2019-2024 Mazda 3 | Moderate | 1-2 hours

TOOLS

8mm hex (Allen) socket Torque wrench Socket for the dipstick securing bolt Drain pan with volume markings (6+ quart capacity) Long-neck funnel OBD-II scanner that reads transmission fluid temperature Floor jack and jack stands or ramps Trim clip tool or flathead screwdriver (under cover fasteners) Gloves and shop towels

PARTS

Genuine ATF FZ Transmission Fluid (5 quarts) 0000-FZ-113E-01 $91.00
Transmission Drain Plug Gasket 99564-1400

STEPS

1. **Confirm fitment and rule out the torque converter chirp - Confirm this guide fits your car. It** covers 2019-2024 Mazda 3 sedans and hatchbacks with the 6-speed Skyactiv-Drive automatic (FW6A-EL front-wheel drive; FW6AX-EL all-wheel drive uses the same fluid...
2. **Warm up, park level, gather parts and tools - Drive the car for about 10 minutes so the fluid is** warm (not hot) and flows out fully. Park on perfectly level ground, set the parking brake, and put the car in Park. Gather 5 quarts of genuine Mazda...
3. **Raise the car and remove the under cover - Raise the front of the car evenly and support it on** jack stands or ramps, keeping the car level. Remove the front under cover No.2 from beneath the engine and transmission so you can reach the transm...
4. **Remove the dipstick securing bolt and dipstick - Find the short transmission dipstick low on the** front of the transmission case. Remove its securing bolt and pull the dipstick out. This is the fill point: new fluid goes in through the dipstick tube.
5. **Remove the drain plug and drain the fluid - Place the drain pan under the transmission drain plug** and remove the plug with the 8mm hex socket. Let the fluid drain completely and measure exactly how much came out. A drain from the plug typicall...
6. **Install a new gasket and torque the drain plug - Fit the new drain plug gasket and reinstall the** drain plug. Tighten it to 30-41 Nm (23-30 ft-lb) with a torque wrench. Do not reuse the old gasket; it is a crush gasket and will leak.
7. **Refill with the same amount of ATF FZ - Pour fresh Mazda ATF FZ in through the dipstick tube with** the long-neck funnel, adding back the same amount that drained out. Start with about 4 quarts and keep the fifth quart for the level adjustme...
8. **Check the level at 50-60 C with the engine idling - Start the engine and let it idle. With your** foot on the brake, shift slowly through every gear position, pausing a few seconds in each, then return to Park. Watch the ATF temperature on the OBD-II sc...
9. **Reinstall the dipstick and under cover - Reinstall the dipstick and tighten its securing bolt to** 8-11 Nm (71-97 in-lb). Reinstall the front under cover No.2 and lower the car back to level ground.
10. **Test drive, check for leaks, recheck the level - Take a 10-minute test drive through all gears,** then park on level ground and look under the car for leaks at the drain plug. Recheck the fluid level once more with the engine idling at 50-60 C and to...

TORQUE

Transmission drain plug 30-41 Nm Nm 23-30 ft-lb ft-lbs
Dipstick securing bolt 8-11 Nm Nm 71-97 in-lb ft-lbs

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