2019-2024 BMW M5 Competition - Change Transmission

2019-2024 BMW M5 | Advanced | 2-3 hours | $355 DIY

TOOLS

8mm Socket Drain Pan Funnel Torque Wrench Transmission Fluid Pump Jack Stands Flathead Screwdriver 10mm Socket Rubber Gloves Safety Glasses

PARTS

BMW Automatic Transmission Fluid (ATF) 83222365904 $200.00
Transmission Drain Plug Washer 24117523588 $5.00
Transmission Filter Kit 24117523589 $150.00

STEPS

1. **Confirm fluid type and procedure - On the 2019-2024 BMW M5 Competition: read the owner's** manual or service info for the exact transmission fluid specification (e.g., ATF+4, Toyota WS, Honda ATF DW-1, ZF Lifeguard, CVT-specific fluid). Use only the specified fluid - the...
2. **Warm up and safely raise the vehicle - Raise and support the 2019-2024 BMW M5 Competition** on jack stands rated for the weight. Wear gloves and eye protection - transmission fluid can be hot.
3. **Drain the old fluid - On the 2019-2024 BMW M5 Competition: place a drain pan under the** transmission. Remove the drain plug (or carefully loosen the pan bolts in a crisscross pattern, leaving two corners snug until fluid slows). Allow fluid to drain fully.
4. **Service the filter and pan if applicable - If this service includes a filter, remove the** pan, clean the magnet and mating surfaces, and replace the filter and pan gasket (or RTV only if the maker specifies). Reinstall the pan and tighten the bolts to the specified torque in a criss...
5. **Refill with the correct fluid - Lower the 2019-2024 BMW M5 Competition if needed for** access. Fill through the fill plug on the side of the transmission case using a fluid pump - the ZF 8HP is a sealed unit with no dipstick tube, so a funnel from above will not work. Pu...
6. **Set level at the correct temperature - On the 2019-2024 BMW M5 Competition: start the** engine, cycle through gears (Park->Reverse->Drive and back, pausing in each) with your foot on the brake, then check level per the manual - often idling in Park on level ground for dipstic...
7. **Inspect for leaks and test drive - On the 2019-2024 BMW M5 Competition: shut down briefly** and inspect the pan, drain plug, and cooler lines for seepage. Take a short drive with gentle shifts, then recheck the level hot if required.

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