

TRANSMISSION FLUID DRAIN AND ...

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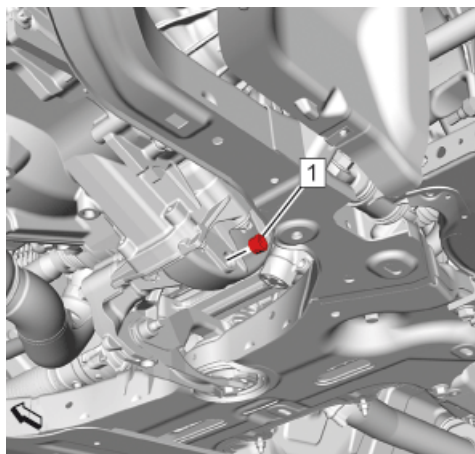
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TRANSMISSION FLUID DRAIN AND FILL (MANUAL TRANSMISSION - M20/M32)**Draining Procedure****Warning:**

When the transmission is at operating temperatures, take necessary precautions when removing the check/fill plug, to avoid being burned by draining fluid.

Note: Previous to the removing of any plug, clean the surrounding area of this plug.

1. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#) .
2. { If equipped } Front Compartment Air Deflector » Remove — [Front Compartment Air Deflector Replacement](#)
3. { If equipped } » Front Compartment Insulator Remove — [Front Compartment Insulator Replacement](#)



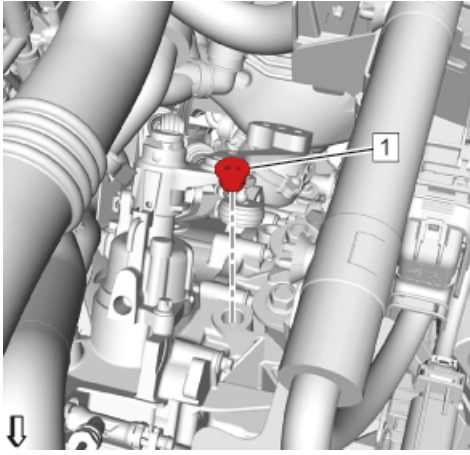
4. Oil Drain Plug (1) » Remove and DISCARD
5. Drain the [transmission fluid](#) into a suitable container.

Note: This transmission is NOT equipped with a fluid level checking device. The fluid level can only be checked by the draining and filling procedure.

6. Let the [transmission fluid](#) run out for 10 minutes and compare the [transmission fluid](#) amount to the required fluid level. If necessary, fill up the drained amount with the correct [transmission fluid](#) to the proper level. Refer to [Manual Transmission Specifications](#) and [Approximate Fluid Capacities](#) .
7. Check the collected [transmission oil](#) for burnt oil exhalation, metal chips and other foreign bodies. If this the fact, search for the reason caused by the transmission.
8. Recut the thread of the oil drain plug hole.
9. Apply thread lock agent to the NEW oil drain plug (1). [Adhesives, Fluids, Lubricants, and Sealers](#)
- Caution:** [Component Fastener Tightening Caution](#)
10. Oil Drain Plug » Install and tighten **14 N•m (124 lb in)** — **(Requires a NEW fastener.)**
11. { If equipped } » Front Compartment Insulator Remove — [Front Compartment Insulator Replacement](#)
12. { If equipped } Front Compartment Air Deflector » Remove — [Front Compartment Air Deflector Replacement](#)
13. Lower the vehicle.

Filling Procedure

1. Without disconnecting the electrical connector, unclip the engine control module with the bracket from the engine control module and electronic brake control module bracket and hang aside.
 - 1.4L (LE2, LEX) engine, refer to [Engine Control Module Bracket Replacement](#) .
 - For 1.6L (LH7) Diesel engine, refer to [Engine Control Module Bracket Replacement](#) .



2. Oil Fill Plug (1) » Remove

Note: This transmission is NOT equipped with a fluid level checking device. The fluid level can only be checked by the draining and filling procedure.

3. Fill the transmission to the proper level with NEW [transmission fluid](#). [Approximate Fluid Capacities](#)

4. Oil Fill Plug » Install **30 N•m (22 lb ft)**

5. Clip in the engine control module.

- 1.4L (LE2, LEX) engine, refer to [Engine Control Module Bracket Replacement](#) .
- For 1.6L (LH7) Diesel engine, refer to [Engine Control Module Bracket Replacement](#) .

Fluid Level Check

The [transmission fluid](#) level can NOT be checked using a fluid checking device. Check the [transmission fluid](#) level exclusively using the draining and filling procedure.

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