

Don't Just Drain & Refill Transmission Fluid During Maintenance Cycles

Flushing the Complete System is Best Way to Preserve OE Performance

Changing the fluid on an Allison transmission is not the same as changing the fluid in a regular car or truck. The system is more prone to metal chard and debris getting into the transmission. Only flushing the fluid will rid the system of all the old transmission fluid and debris that is caught up in the transmission. Your Allison Transmission will be able to get any job done for many miles by flushing and changing the fluid on a regular basis.

PAGE 1 Below are the Basic Step-by-Step Procedures to Properly Drain the System.



Draining the Transmission Fluid

1. Park truck on flat level surface and make sure the parking brake is set.
2. Place a large drain pan underneath the transmission.
3. Unscrew the drain plug with a socket wrench. Allow all the fluid to drain out.

4. Locate the cooler return (4) line which is labeled "From Cooler". Pull the retaining clip out of the way with a small flat head screwdriver. Pull the line out and place a 5/8-inch plastic hose over the line. Insert the other end of the line into a gallon jug.



5. Unscrew the transmission filter (5A) with an oil filter wrench. Pull the filter down and take the magnet off the top of the filter. **Clean debris off the magnet (5B) and place it on the new filter (only applicable on 1000 and 2000 series Allison transmissions).** Fill the filter with automatic transmission fluid and lubricate the gasket. Tighten the filter back to the filter housing by hand. Do not wrench tighten as this will strip the threads of the filter.



FEATURES & BENEFITS

- All units are completely disassembled and inspected for defects and wear issues
- Allison transmissions are remanufactured by Allison authorized facilities
- Use only genuine Allison Parts
- 100% tested to eliminate comebacks
- Over 95 years of remanufacturing experience
- Backed by our ULTimate North American Warranty protection

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PAGE 2 Below are the Basic Step-by-Step Procedures to Properly Flush the System

Flush & Filling the Transmission

- Take the transmission dipstick out and insert a funnel into the fill tube. Pour 8 quarts of the recommended transmission fluid in to the funnel.



- Make sure the hose is sunk into the fill bottle. You will need to be sure that no more than 2 quarts of fluid gets pumped out into the tube. Turn off the truck when 2 litres have flowed into the gallon container. Dump the 2 litres into the waste transmission fluid. Replace with an additional 2 litres of transmission fluid into the fill tube.

- Place the hose into the gallon container. Be sure to set the brake and then start the truck. Engage each gear while holding it for one second. Bring the shifter back to the park or neutral position and turn the truck off. Make sure you do not lose more than 3 litres of transmission fluid to the container.

- Dump the old transmission fluid out and replace with 3 litres of new transmission fluid. Repeat the process one more time to be sure the transmission fluid coming out of the return line is clean. Replace any fluid lost.

- Push the cooler return line back to the transmission. Make sure you place the locking ring back toward the top of the line to lock it in place.



- Check to be sure the fluid level reads full. Drive the truck for at least an hour and check the fluid one more time to be sure the level is accurate.



To help make your transmission flushing service faster & easier, ULT recommends using a commercial grade transmission flushing system.

[Click here](#) for information on the Pall Kwik Flush Cart system.

If you require further assistance, please contact us as 905.612.1256

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