



Heavy Duty Differential Cover Installation Instructions

Part #: RT20024, RT20025, RT20026, RT20027



Kit Contents

- Heavy Duty Differential Cover
- Flanged Hex Bolts (Qty: 10)
- Recessed Fill Plug
- RTV

Installation

RT20026 Shown

1. Park the vehicle on a flat level surface, set the parking brake, and place an oil drain pan under the differential.
2. Remove all of the differential cover bolts and discard them. Once all bolts are removed, use a soft hammer to break the seal by striking the cover itself. You may have to use a pry bar, screwdriver, or chisel to assist in removing the cover. Take care not to gouge the mounting surface of the differential. With the bolts out and cover loose, allow fluid in differential assembly to completely drain. Remove the cover and clean the internals.

TIP: Leave one bolt along the top roughly half threaded in when loosening the cover from the differential and draining the fluid. This will keep the service as clean as possible.

3. Clean and dry the mating surface of the differential housing and Heavy Duty Differential Cover.
4. Apply a ¼" thick bead of RTV to the mounting surface of your new Heavy Duty Differential Cover. Spread RTV until it covers the entire mounting surface evenly.
5. Set the Heavy Duty Differential Cover on the differential housing and install using the supplied bolts. Torque to 30 ft./lbs. in a star pattern.
6. Allow RTV to cure completely before filling with gear oil. Refer to RTV tube for ideal cure time.
7. Fill differential with proper gear oil until the fluid begins to seep out of the fill hole.
8. Tighten the supplied fill plug until snug. A thread sealant may be required to prevent gear oil from weeping from the fill plug.
9. Re-torque mounting hardware after 500 miles.

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