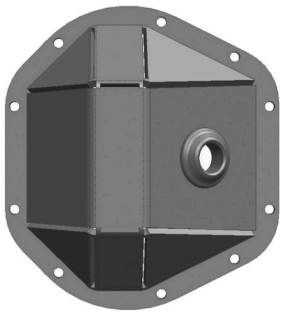
Under Cover Fabworks, LLC
undercoverfab.com
sales@undercoverfab.com · (334) 797-7113

Differential Cover Install Instructions

All UCF heavy-duty differential covers, welded and DIY kits



These instructions cover every UCF heavy-duty differential cover, both the fully welded covers and the DIY kits you weld yourself. They all install the same way.

Included: cover (or the folded body and 1/4" sealing ring for a DIY kit), fill plug and high-grade socket head cap screws sized for your axle.

You'll need: RTV silicone gasket maker, gear oil (the type and amount your axle calls for), a drain pan and a gasket scraper.

Finish: ships as bare steel. Spray paint the outer surface before installing.

DIY kits: weld the cover first

1. Bolt the sealing ring down to a flat plate so it stays flat and doesn't warp while you weld.
2. Set the folded body on the ring and tack it evenly all the way around.
3. Weld the body to the ring on the outside seam only, all the way around for a solid, sealed cover.
4. Let it cool, then leak-test the welds before you install the cover.

Before you begin

Park on level ground, set the parking brake, and put an automatic transmission in Park or a manual transmission in gear. Read these instructions all the way through before you start, and call us with any questions. Under Cover Fabworks assumes no liability for accidents from the use (proper or improper) of these instructions.

Installation

5. Spray paint the outer surface of the cover and let it dry.
6. Set a drain pan under the axle. Loosen the factory cover bolts and let the gear oil drain, then remove the bolts and the factory cover.
7. Scrape all the old gasket or silicone off the housing's sealing surface and clean it. Make sure the sealing surface of the UCF cover is clean too.
8. Run a thin, continuous bead of RTV silicone around the cover's sealing surface, inside the bolt holes, and circle each bolt hole.
9. Set the cover on the housing and install the supplied socket head cap screws by hand. Tighten them evenly in a crisscross pattern to your axle's factory cover bolt torque specification.
10. Let the RTV cure as long as its directions say, then fill the axle with gear oil to the bottom of the fill hole and install the supplied fill plug.
11. After your first drive, check for leaks.

That's it. Thanks for choosing Under Cover Fabworks. Call or email us with any questions.