

INSTALLATION INSTRUCTIONS

DIF-2001-02 14 Bolt Differential Cover

DIF-2001-04 14 Bolt Differential Cover/Truss Ring

Ballistic Fabrication produces products for custom vehicles. Many products require general welding and fabrication skills. Welding should only be done by a competent welder. Ballistic Fabrication is not liable for improper installation. Check with local laws if your vehicle is driven on the street as some Ballistic Products may not be street legal in all states.

Specifications

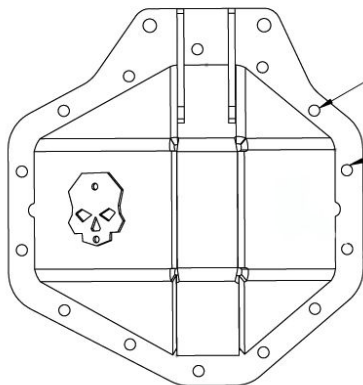
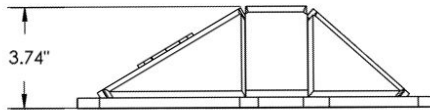
- DIF-2001 is designed as a direct replacement for General Motors 14 bolt axles from 1972 to present.
- Ultra thick 3/8" flange and body.
- Fourteen 3/8"-16 x 1" Grade 8 bolts included to mount diff cover for 72-88 axles or fourteen M8 x 1.25 X 25mm bolts for 89+ axles.
- All holes are machined after welding to ensure proper locations.
- Flange is machined perfectly flat after welding for a good seal.
- Without Truss Ring (DIF-2001-02) is shown on the Left and with Truss Ring (DIF-2001-04) on the right.



DIF-2001-02



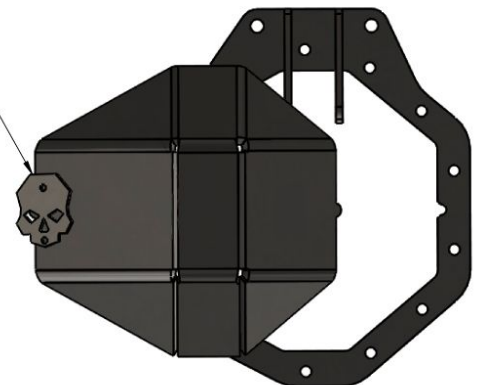
DIF-2001-04



Qty (14) 3/8"-16 x 1.0"
Stainless Steel Bolts
P/N : MAT-3000-01

For METRIC 14 Bolt
SCHS: M8-1.25 x 25mm
P/N : MAT-3000-05

BRK-1090-1
Weld on Skull



Installation

- Clean any loose dirt from around the differential cover to avoid contaminating the differential cavity.
- Position a fluid drain reservoir under the differential and loosen all differential cover plate retaining bolts.
- Gently pry the cover plate away from the differential housing to completely drain all differential fluid.
- Once drained, remove the differential cover. This is a good time to inspect the differential components, inspect the oil and the bottom of the housing for metal particles which may indicate a worn bearing or differential component.
- Clean all oil residue off the differential housing. It may be necessary to scrape old gasket material off of the housing with a scraper or razor blade.
- Place the Differential Cover in position on the differential housing to ensure adequate clearance to surrounding components.

NOTE : Checking for clearance between diff cover and all internal parts is crucial before tightening the cover bolts. Failure to do this may cause damage to your differential.

- Paint or Powder Coat the Differential Cover.
- Apply gasket sealant, or a replacement gasket to the flange of the differential housing.
- Install the Differential Cover onto the housing and screw in the bolts.
- Torque bolts to 35 ft-lbs.
- Fill the differential with the appropriate oil until it reaches the bottom of the fill hole.

NOTE: The Ballistic Differential Cover does not have a fill plug since there is one in the 14 bolt housing.

NOTE: The Ballistic Differential Cover will allow the axle to hold more Fluid than stock.

- Install the fill plug.