



Installation Instructions

Dana 44 Differential Cover

Product Number: P1250

SAFETY

Your safety and the safety of others is very important.

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment, and take your time.

Read and understand all safety precautions and instructions before installing this product.

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE PURCHASER.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.

Injury Hazard

Failure to observe these instructions could lead to severe injury or death.

- Always** remove jewelry and wear eye protection.
- Always** use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always** use appropriate and adequate care in lifting components into place.
- Always** insure components will remain secure during installation and operation.
- Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always** use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- Always** use extreme caution when cutting and trimming during fitting.
- Always** tighten all nuts and bolts securely per installation instructions.
- Always** route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- Always** insulate and protect all exposed wiring and electrical terminals.
- Always** perform regular inspections and maintenance on mounts and related hardware.





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I. Overview

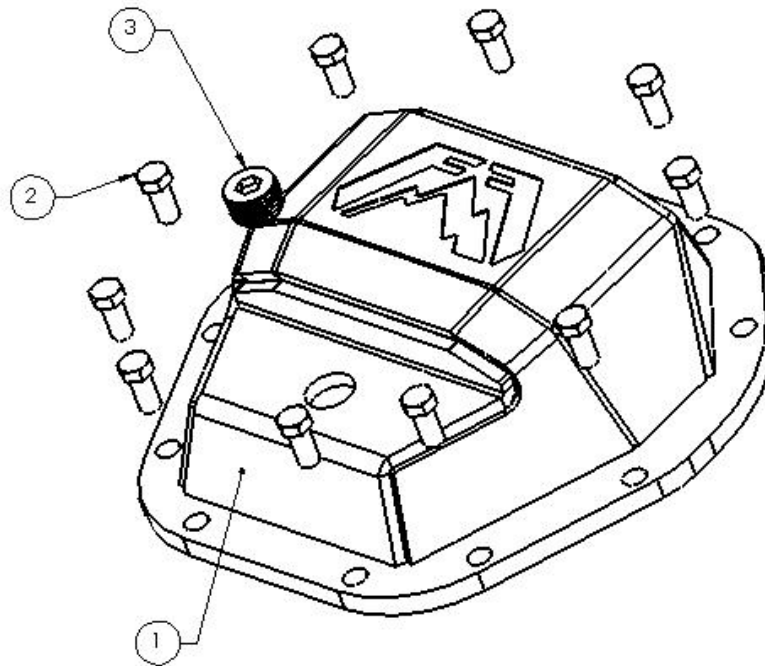
Congratulations on your new purchase of the industries' best Dana 44 Differential covers! These Diff Covers have been **engineered** for toughness with a with 0.25" thick plate construction with a 0.375" thick bolt ring.

Your Dana 44 Diff Cover has been CNC laser cut, received a four stage phosphate bath and baked-on powder coat finish after being Black Zinc Plated. This process ensures maximum resistance to corrosion.

Enjoy the fit and finish of a quality Dana 44 Diff Cover from Fab Fours Inc!



See you on the trail!



| ITEM | PartNo | DESCRIPTION | QTY. |
|------|--------|---|------|
| 1 | 20082 | P1250 DANA 44 DIFF COVER | 1 |
| 2 | 61283 | 0.3125 -18 UNC THREAD x 3/4" LENGTH HEX HEAD CAP SCREW | 10 |
| 3 | 61284 | 1/2 NPT Plug | 1 |





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II. Parts List

| <u>Reference</u> | <u>Description</u> | <u>Quantity</u> |
|-----------------------------|--------------------|-----------------|
| <input type="checkbox"/> A1 | Dana 44 Cover | 1 |
| <input type="checkbox"/> A2 | Hex Head Screw Cap | 10 |
| <input type="checkbox"/> B1 | 1/2" Plug | |

III. Tools Required

- 1/2" 12- point socket
- Torque wrench
- Rubber mallet
- Flat Screwdriver

IV. Vehicle Preparation/Installation

1. Start by removing all of the Differential cover bolts except the top two.
2. Loosen the top two bolts just a bit, making sure to have your drip pan ready under the Differential housing.
3. Next a quick tap with a screwdriver and rubber mallet loosens the cover and releases the gear oil into the drip pan. Use Extreme Caution to not gouge the machined surface on the differential housing.
4. Once the old gear oil has been drained, remove the OE Differential cover.
5. With the OE Differential cover removed, use a utility blade to carefully scrape away the old gasket material. We suggest that you take this time to clean the differential housing by wiping it down with a clean rag
6. Apply a gasket sealer to the new cover, (not on the Differential housing) remember to circle all the bolt locations for an adequate seal. NOTE: This step is not needed if used with a Lube Locker Gasket.
7. Then position the cover and install the provided grade eight hardware. Using a 1/2" 12- point socket and a torque wrench, alternate the torque sequence across all bolts, between 18 and 20ft lbs.





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8. Differential cover is now installed, it's time to fill the unit with the gear oil type specified in your owner's manual

V. Maintenance/Care

- Periodically check and tighten any nuts that appear to be loose.
- Stripped, fractured, or bent bolts or nuts need to be replaced.

VI. Contact Information

Fab Fours Inc.
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More than expected... Better than expected

