

Heavy-Duty Cast Aluminum Front Differential Cover

Ford Dana 50/60

(338041100), (338041110), (338041120)

Installation Guide

DISCLAIMER OF LIABILITY

This is a performance product which increases horsepower above and beyond factory specifications. As a result, more horsepower creates more stress on the drivetrain components, which could result in drivetrain failure. This product is intended for off-road use only. Use at your own risk.

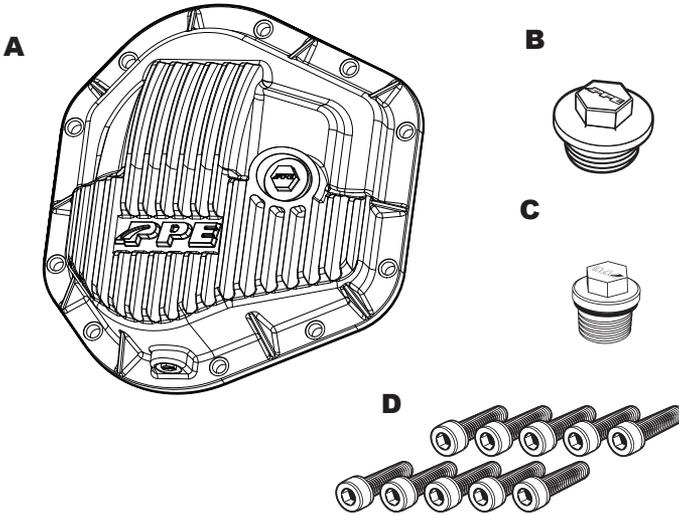
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LIMITATION OF WARRANTY

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer.

The Warranty is limited to two (2) years from the date of sale and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Seller. Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product or any other contingent expenses.

Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment. In the event that the buyer does not agree with this agreement: the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund. The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.



KIT INCLUDES:

- A** (1) PPE Front Diff Cover
- B** (1) Neodymium Magnetic Fill Plug (installed)
- C** (1) Neodymium Magnetic Drain Plug (installed)
- D** (10) 3/8" x 16 x 1 Allen Bolts

TOOLS AND PARTS REQUIRED:

- Torque Wrench
- Ratchet
- Extension
- mm Allen Socket
- 17mm Socket for Fill Plug Service/Fill
- Oil Drain Pan
- Shop Towels
- Gloves
- Eye Protection

Step 1

Engine off and cool.

Vehicle secure.

Drain and recycle oil.

Remove stock bolts.

Remove stock cover.



Step 2

*Thoroughly clean
mating surface.*



Step 3

*Apply a continuous
bead of silicone (RTV)
on flange surface and
around bolt holes.*

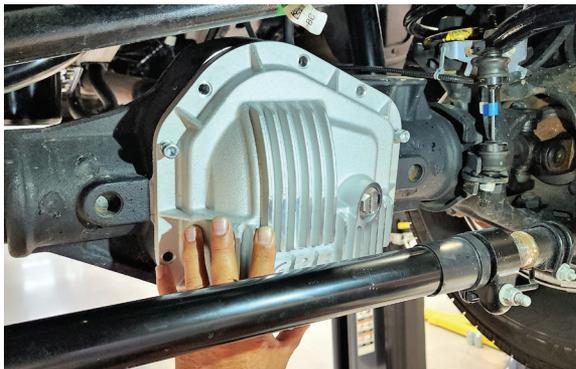
*We recommend
using GMS Silicone
or equivalent RTV
silicone.*



Step 4

Carefully align cover to differential housing surface. Do not smear silicone.

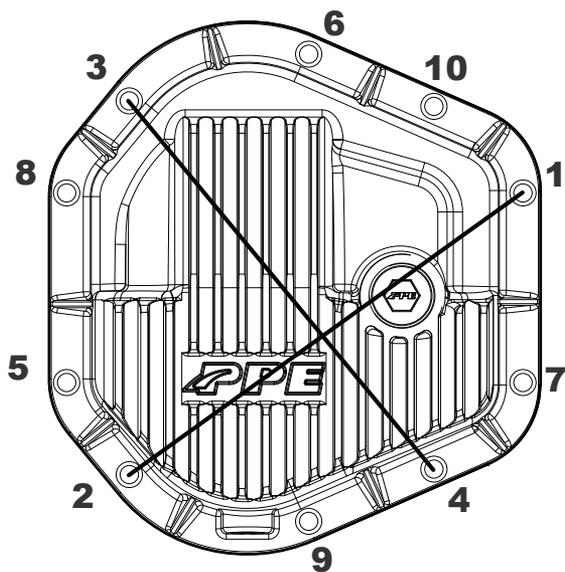
Thread two screws to secure the cover in place. Finger tight for now.



Step 5

Install and tighten all screws in a crossing pattern as shown below.

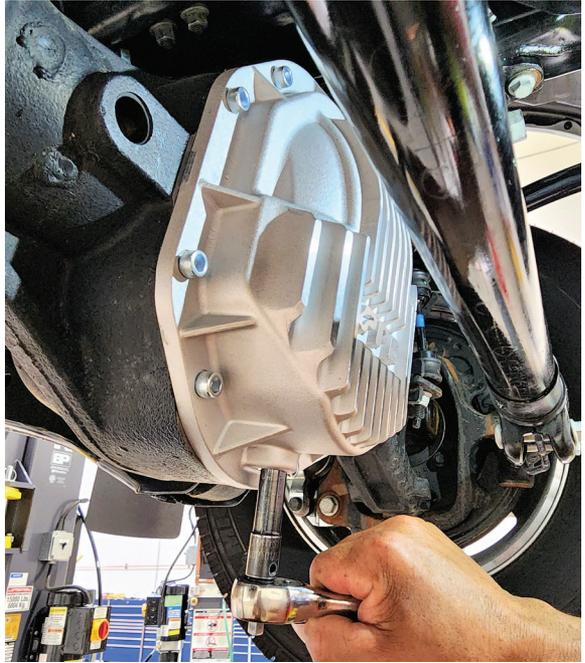
Torque to 20-25 lb-ft.



Step 6

Check and tighten drain plug to 13-15 lb-ft.

Remove Fill Plug. Fill to sight-level with manufacturer-recommended gear oil.



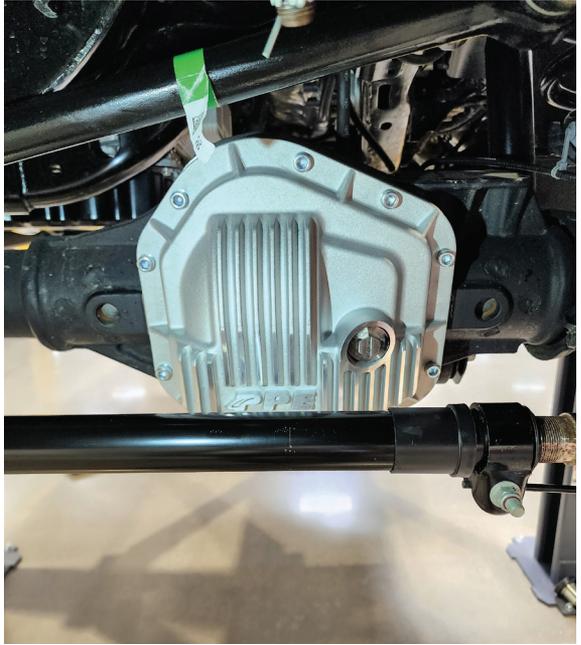
Step 7

Replace and tighten Fill Plug to 18-22 lb-ft.

Check for leaks.



*Installation
Complete*





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