

## **Heavy-Duty Cast Aluminum Front Differential Cover**

*23+ Ford Powerstroke 6.7L*

*(338041500), (338041510), (338041520)*

### ***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.

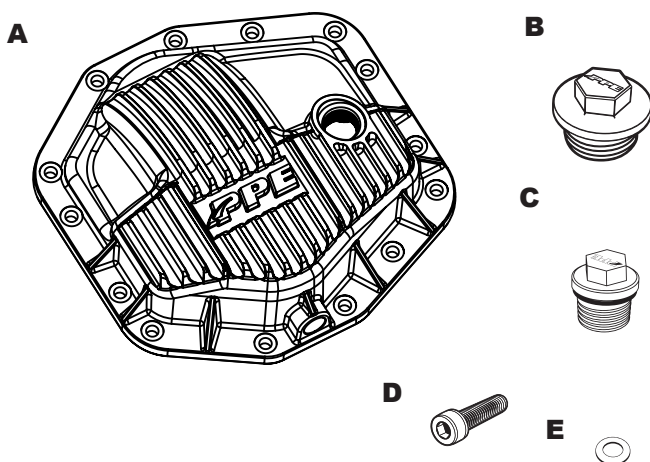
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**LIMITATION OF WARRANTY**

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 Cast Aluminum Front Differential Cover*
- B** (1) *Neodymium Magnetic-Equipped Fill Plug (installed)*
- C** (1) *Neodymium Magnetic-Equipped Drain Plug (installed)*
- D** (14) *M8 - 1.25 x 30mm Socket Head Screws*
- E** (14) *M8 Washers*

**TOOLS AND PARTS REQUIRED:**

- 6mm Hex*
- 10mm Socket*
- 13mm Socket*
- 11/16" Socket*

## **Disassembly:**

1. Turn the vehicle off and allow time to cool down before installing.
2. The factory front differential doesn't have a drain plug so remove all factory differential cover bolts except for the topmost one. See FIG 1. Loosen the bolt but do not remove completely to help control the draining of the fluid. Slowly lift the cover slightly so draining can start.
3. When draining is complete, remove the last bolt, gasket and front differential cover.

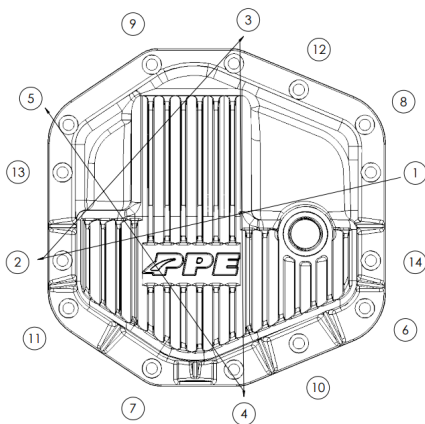
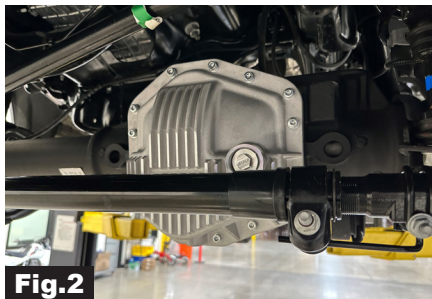


**Fig.1**

## **Installation:**

4. *Install the PPE Front Differential Cover (A) and factory gasket with the M8 SHCS (D) and M8 Washers (E). See FIG. 2. Tighten in crossing pattern as depicted in Fig. 3. Torque bolts to 20-25 ft lbs. Check and tighten Drain Plug (C) to 15-19 ft lbs.*
5. *Fill to approximately 2.20 quarts. Tighten Fill Plug (B) to 18-22 ft lbs.*

**Installation Complete.**





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