

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

*RAM 2500/3500 9.25" – 12 Bolt  
(238042000), (238042010), (238042020)*

### ***Installation Guide***

## **DISCLAIMER OF LIABILITY**

This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the Buyer has read and understands this agreement and accepts the terms and conditions.

Pacific Performance Engineering Inc., its distributors, employees, and dealers (the "Seller") shall not be responsible for the product's proper use and service. The buyer hereby waives all liability claims.

The Buyer hereby acknowledges no reliance on the Sellers skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof, and the Buyer hereby waives all remedies or liabilities expressed or implied, arising by law or otherwise (including without any obligation of the Seller with respect to fitness, merchantability and consequential damages), or whether or not occasioned by the Seller's negligence. The Seller disclaims any warranty and expressly disclaims any liability for personal injury or damages. The Buyer acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the Buyer agrees to indemnify the Seller and to hold the Seller harmless from any claim related to the item of equipment purchased. Under no circumstances will the Seller be liable for any damages or expenses by reason of use or sale of any such equipment. The Seller assumes no liability regarding the improper installation or misapplication of its products. It is the installer's responsibility to check for proper installation and if in doubt contact the manufacturer.

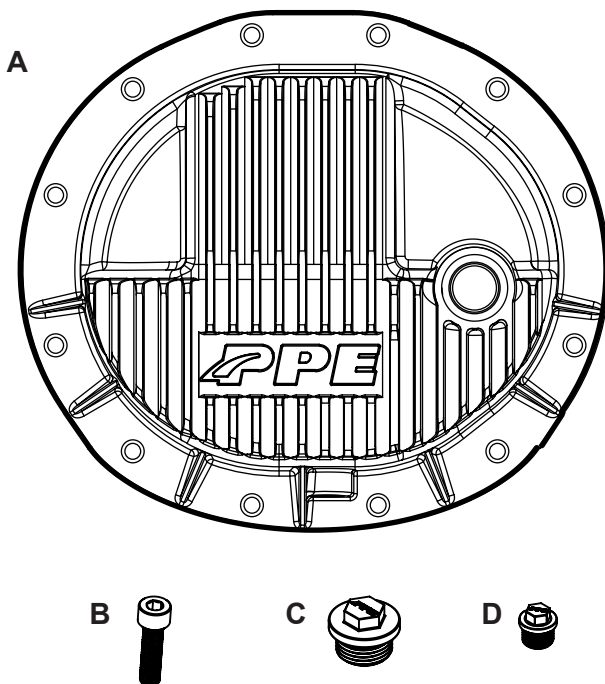
The Buyer is solely responsible for all warranty issues from the manufacturer.

## **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.

**CONTENTS:**

- 1 (A) Front Differential Cover
- 12 (B) M8 x 1.25 x 30mm Socket Head Cap Screws
- 1 (C) Fill Plug (installed)
- 1 (D) Drain Plug (installed)

**BEFORE BEGINNING:**

Make sure vehicle is cool.

**STEP 1**

*Drain and recycle used oil. Remove stock cover.  
Clean factory gasket for reuse.*

**STEP 2**

*Thoroughly clean differential mating surface.*

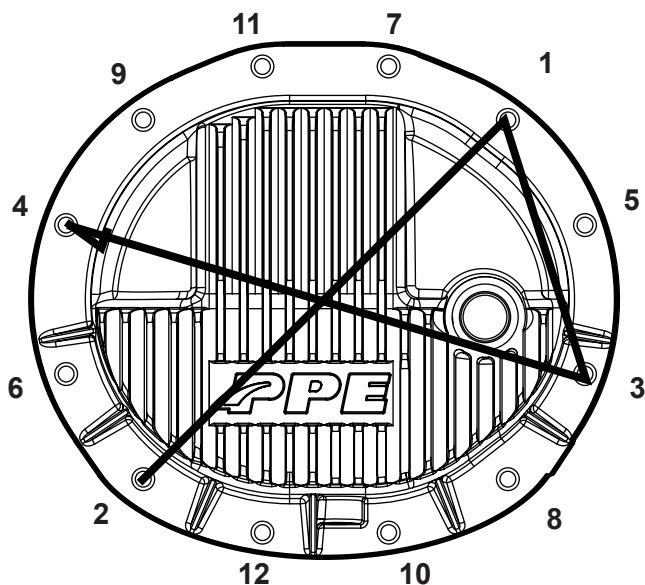
**STEP 3**

*Install the PPE Front diff cover [A] and factory gasket  
with the supplied M8 SHCS [B] finger tight.*

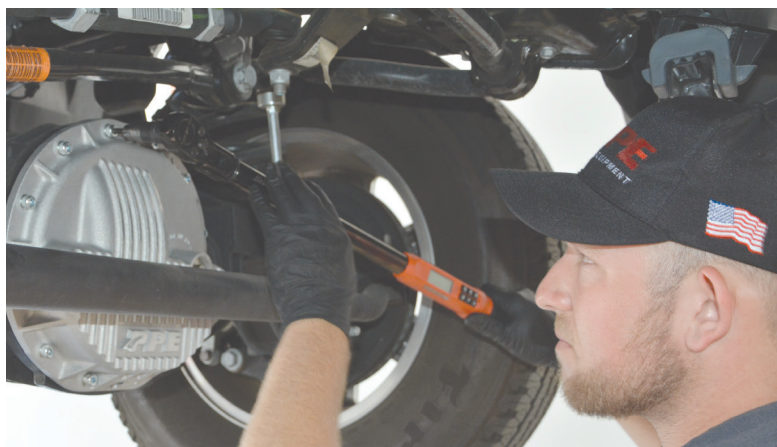


**STEP 4**

*Tighten bolts using a crossing pattern shown below.*

**STEP 5**

*Torque bolts to 18 lb-ft.*



**STEP 6**

*Check and tighten Drain Plug [D] to 13-15 lb-ft. Remove Fill Plug and fill to sight level with factory recommended gear oil.*

**STEP 7**

*Install PPE Fill Plug [C] and tighten to 18-22 lb-ft.*

**STEP 8**

*Check for leaks.*

*Installation complete.*







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