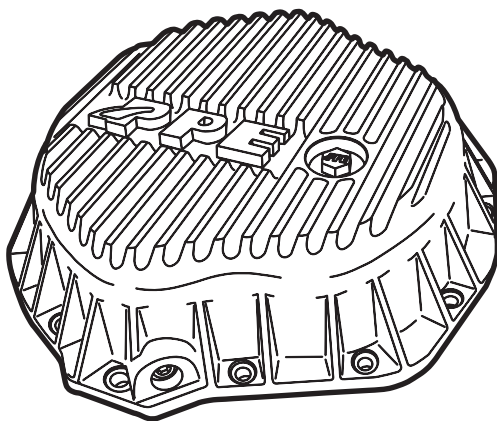




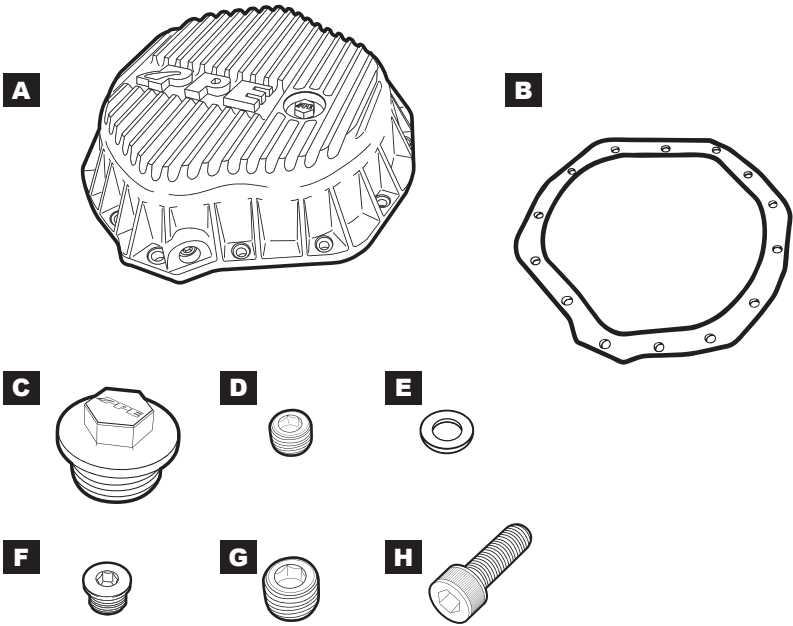
Heavy-Duty Cast Aluminum Rear Differential Cover

*GM/Dodge 2500HD/3500HD trucks
with 14 bolt 11.5" rear axle
(will not fit trucks with coil springs)*

(138051000, 138051010, 138051020)

Installation Guide

Heavy-Duty Aluminum Rear Differential Cover



CONTENTS:

- A** (1) PPE Differential Cover
- B** (1) Heavy-duty gasket
- C** (1) One-inch Neodymium Magnet-Equipped Drain Plug (installed)
- D** (1) 1/8" NPT plug (installed)
- E** (14) M8 Flat Washers
- F** (1) 3/8" Drain Plug (installed)
- G** (1) 1/4" NPT plug (installed)
- H** (14) M8-1.25 x 30mm Socket Head Cap Screws

ITEMS NEEDED:

8mm Allen Torque Wrench
Recommended weight Gear Oil
Oil Drain Pan
Shop Towels
Gloves
Eye Protection



Step 1:

Remove the brake line bracket and parking brake differential brackets. Keep brackets for reinstallation in later steps.



Step 2:

Remove the factory bolts and drain oil. Recycle oil.



Step 3:

Remove stock cover.

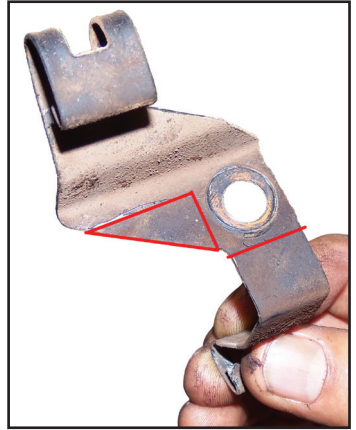


Heavy-Duty Aluminum Rear Differential Cover

Step 4:

Trim (grind) down the parking differential bracket by removing a triangle parallel to the bolt hole. Cut the smaller grip completely off.

You may opt to round off the edge for a more finished look (as shown).



Step 5:

Clean the mating surface.



Step 6:

Align gasket to the PPE pan.



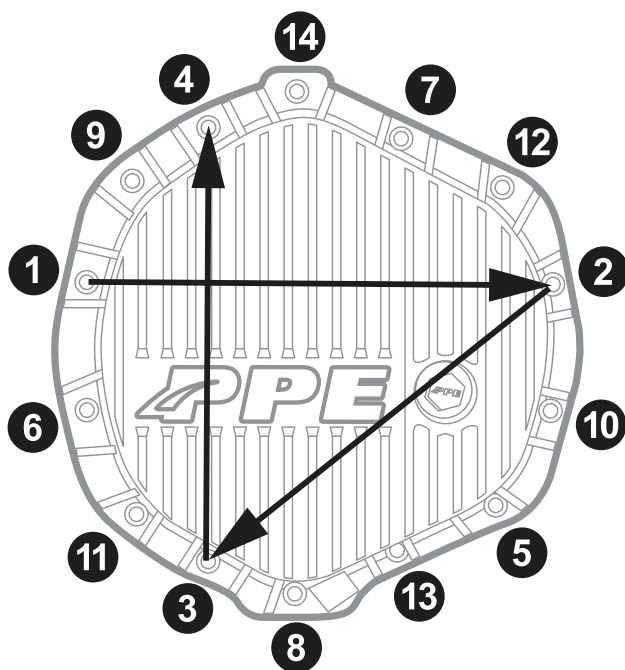


Step 7:

Reattach the brake line bracket and modified parking brake differential bracket in their original locations with new bolt hardware. Secure lines.

Step 8:

Mount cover and gasket to mating surface. Install bolts finger-tight to hold the cover in place and ensure the gasket is properly aligned. Tighten each of the bolts in a crossing pattern as shown below. Torque to 20-25 ft. lbs.



Step 9:

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

Check for leaks.

Installation complete.

DISCLAIMER OF LIABILITY

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

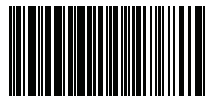
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