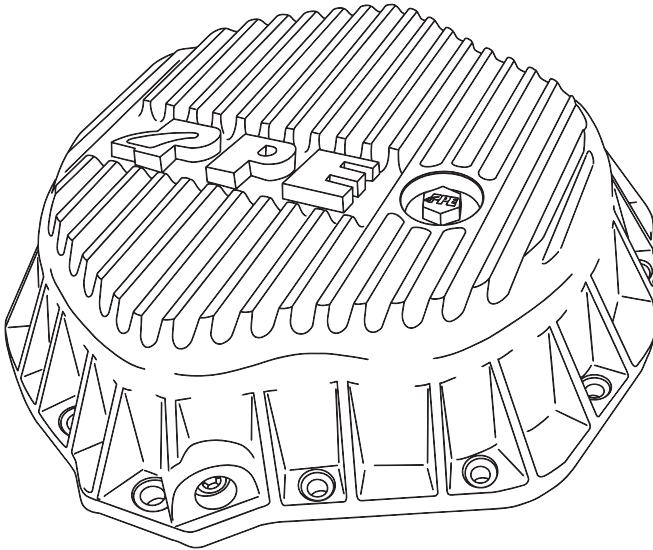


HEAVY DUTY

PACIFIC PERFORMANCE  ENGINEERING

DIFF COVER



Heavy Duty Rear
[Aluminum Differential Cover](#)
(138051000, 138051010, 138051020)

2001 AND NEWER GM 2500/3500 TRUCKS
WITH 14 BOLT - 11.5" REAR AXLE

2003 AND NEWER DODGE 2500/3500 TRUCKS
WITH 14 BOLT - 11.5" REAR AXLE

DISCLAIMER OF LIABILITY

This is a performance product which can be used with increased horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drivetrain components, which could result in drivetrain failure.

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.

PARTS:

1-	Differential Pan	
1-	Differential Pan Filter	
1-	1/8" Pipe Plug (installed)	
1-	1/4" Pipe Plug (installed)	
1-	1" Magnetic Drain Plug (installed)	torque 17 ft. lbs.
1-	3/8" Drain Plug (installed)	
14-	Allen Bolts	torque 15 ft. lbs.
14-	Washers	M8 – 1.25 x 30
1-	Installation Guide	

TOOLS AND PARTS REQUIRED:

6mm Allen Torque Wrench
Oil
Oil Drain Pan
Shop Towels
Gloves
Eye Protection

Step 1:

Remove the breakline holding and parking break differential brackets. Set the parking break differential to the side for use in a few steps.



Step 2:

Remove the 14 bolts holding the pan in place.



Step 3:

Pop the Cover off and let the oil drain into a container.



Step 4:

Trim (grind) down the parking differential bracket by removing a triangle parallel to the bolt hole. Cut the smaller grip completely off, if you round out the edges the part will look more finished.



Step 5:

Prepare the mating surface by removing all excess oil. Break cleaner and a shop rag were used here.



Step 6:

Place the gasket on the PPE pan.



Step 7:

Start placing the bolts, starting at the top and working across the entire pan in opposites (see below image for example). Loosely tighten bolts until you have all of them in place and have made sure that the gasket is in the correct position. Then tighten all of the bolts.



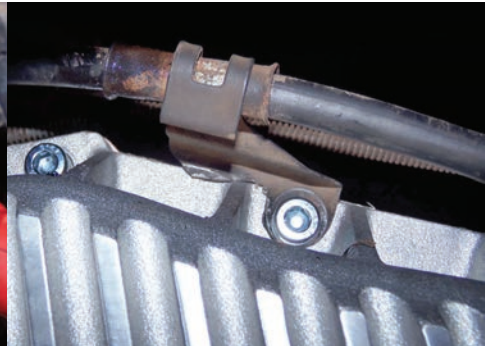
Step 8:

Reattach the break line holding bracket.



Step 9:

Reattach the modified parking break differential bracket.



Step 10:

Fill with oil (5 quarts).