

Heavy-Duty Cast Aluminum Engine Oil Pan

(214053000, 214053010, 214053020)

Installation Guide

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.

Note regarding emissions-related, non-E.O.-legal products: THESE PRODUCTS ARE LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR HIGHWAY OR OFF-ROAD USE.

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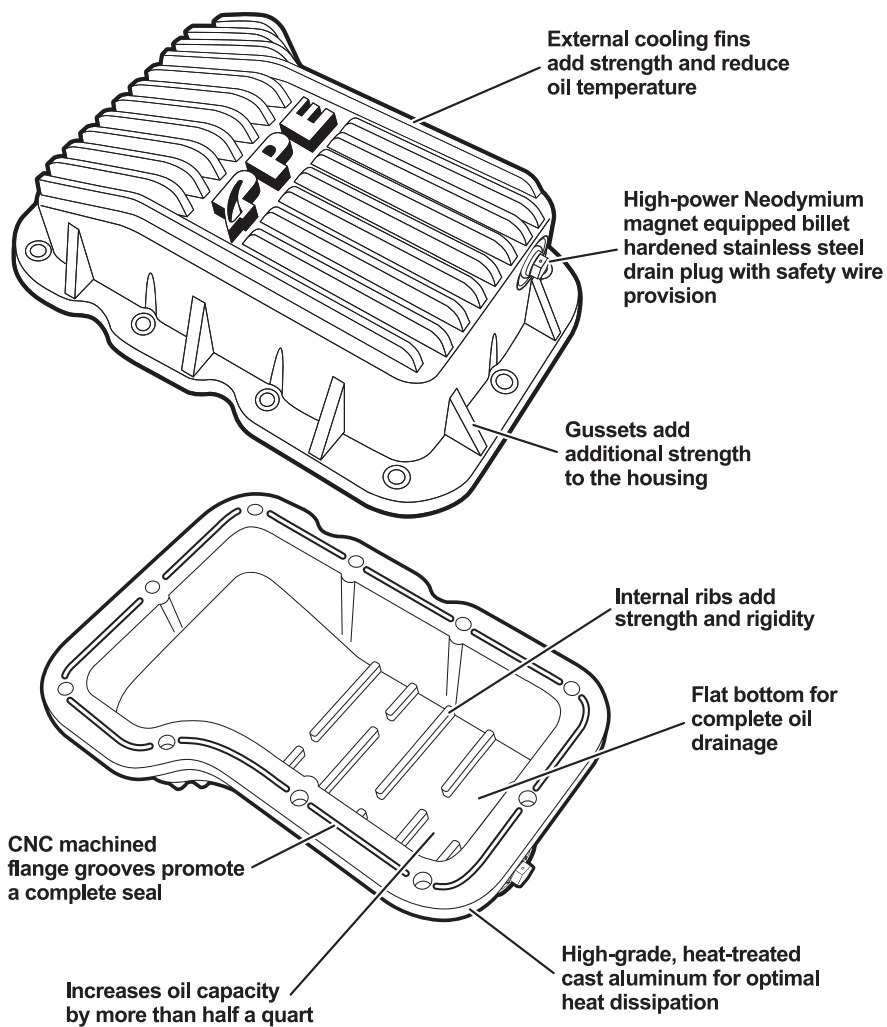
LIMITATION OF WARRANTY

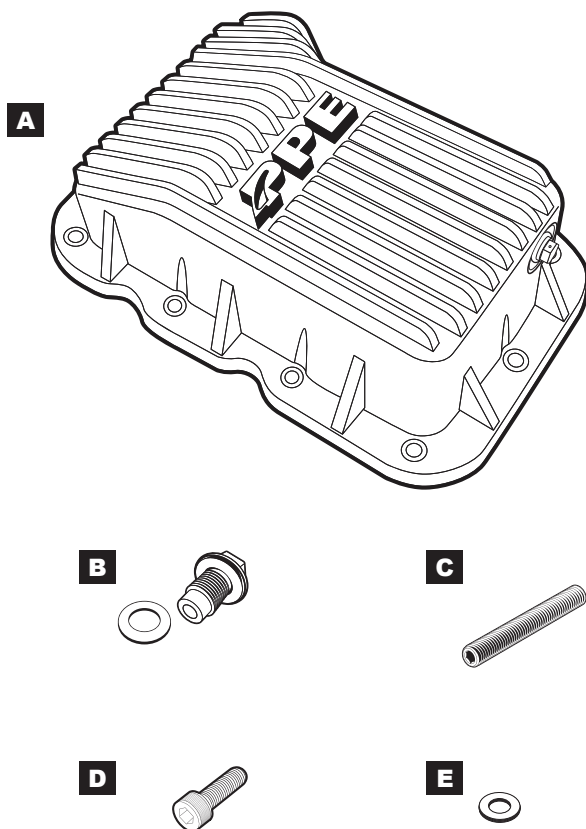
The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights 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 on PPE Manifolds and Up-Pipes Kits, OEM-Length Up-Pipes is three (3) years, a limited lifetime warranty on PPE cast aluminum pans and covers, and a limited lifetime warranty on PPE Transmission Coolers and one (1) year limited warranty on all other PPE products from the date of sale to original buyer 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 re-installation - 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.



FEATURES:





CONTENTS:

- A** (1) *Engine Oil Pan*
- B** (1) *Neodymium magnet equipped drain plug with copper washer (installed)*
- C** (2) *M6 x 1.0 x 25mm locating studs*
- D** (14) *M6 x 1.0 x 25mm socket head cap screws*
- E** (14) *M6 x 1.0 x 25mm zinc coated flat washers*

PREPARATION:

Step 1 Vehicle off. Engine cool.

Step 2 Remove stock drain plug and drain oil completely. Overnight if possible.

Step 3 Replace stock drain plug. Pry away stock pan from housing. **(FIG 1)** Use caution when removing pan. There will be oil at the bottom of the pan.

Step 4 Remove stock locating stud.

Step 5 Thoroughly clean mating surface. Clean oil off the oil pickup and surrounding area. **(FIG 2)**

Step 6 Install new oil filter if needed.

FIG 1



FIG 2



INSTALLATION:

Step 1 Install Locating Studs (F) on opposite sides of the flange. (FIG 3)

Step 2 Apply a continuous bead of RTV silicone in the machined grooves and around screw holes. (FIG 4)

Step 3 Pre-assemble screw and washer hardware (C, D) for easier installation.

Step 4 Using the installed Locating Studs as guides, carefully install the Oil Pan until it contacts the housing surface. Use care not to smear the silicone. Install one set of assembled screw and washer assemblies (C, D) on either side of the Oil Pan to secure the Pan. Finger tight for now.

Step 5 Remove Studs. Install remaining screw and washer assemblies (C, D). Finger tight for now.

Step 6 Tighten in a crossing pattern as shown (FIG 5). Torque to 8 ft. lbs./89 in. lbs.

Step 7 Check NPT Plug and Drain Plug. Tighten if necessary.

Step 8 Allow silicone to set up for 1 hour before filling with vehicle manufacturer's recommended engine oil.

Step 9 Start engine. Check for leaks. Top off oil if necessary.

Installation complete.

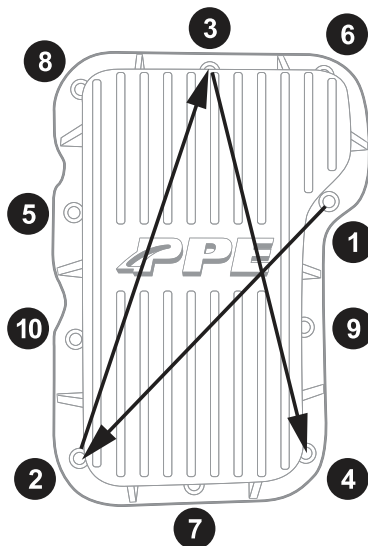
FIG 3



FIG 4



FIG 5



Engine oil service:

The flat bottom of your PPE Pan allows for complete drainage. At this time the Neodymium magnet should be checked for excessive metal particles. Some is normal. Excessive debris may indicate a problem. Wipe off Drain Plug to remove particles. Reinstall and tighten to 18 ft. lbs.



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