



High-Capacity Cast Aluminum Deep Engine Oil Pan

*2001-2010 GM 6.6L Duramax
(114052000) (114052020)*

*2011-2016 GM 6.6L Duramax
(114052100) (114052120)*

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.

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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.

Installation: **NOTE: Engine should be cool before beginning**

- Step 1:** Remove drain plug and drain engine oil. Recycle used engine oil.
- Step 2:** Remove cross member below the oil pan.
- Step 3:** Remove lower oil pan bolts and nuts
- Step 4:** Use a hammer and a flat-blade screwdriver or pry-bar to get in between the upper and lower oil pans to pry the lower oil pan off
- Step 5:** Remove studs from upper oil pan
- Step 6:** Scrape any remaining silicone from the upper oil pan
- Step 7:** Remove oil level sensor from the factory lower oil pan, and reinstall into the PPE oil pan using the factory hardware. (Note: Lubricant is recommended on the O-ring when installing factory oil level sensor into the PPE Oil Pan to keep from pinching the O-ring)
- Step 8:** We recommended using GMS Silicone or equivalent RTV silicone on the sealing surface between the PPE pan and the upper oil pan.
- Step 9:** Install PPE oil pan onto the upper oil pan with supplied hardware. Washers are not included or needed. Install and finger tighten bolts to loosely secure the PPE pan to the upper pan.
- Step 10:** Torque lower oil pan bolts to 89 in/lbs using the crossing pattern below. **Do not over torque.**
- Step 11:** Reinstall factory cross member
- Step 12:** Allow the silicone set up for 1 hour. Fill pan with 11 quarts of motor oil.
- Step 13:** Start the engine. Confirm proper oil pressure. Shut the engine off. Check the oil level. Add oil if necessary.
- Step 14:** Installation is complete.

Bolt pattern installation for '11-'16 featuring 18 bolts depicted in the example to the right.

The '01-'10 model uses same crossing bolt pattern installation but features 17 bolts total.





5011 Brooks St. Montclair CA 91763

*PPEdiesel.com
sales@ppediesel.com
Phone: (714) 985-4825*