



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

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
- Step 8:** Install sensor in PPE Oil Pan. Apply blue thread lock and finger-tighten both factory sensor bolts simultaneously on to the PPE Oil Pan posts. (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). Tighten to 10 in. lbs. Do not over torque.
- Step 9:** We recommended using GMS Silicone or equivalent RTV silicone on the sealing surface between the PPE pan and the upper oil pan.
- Step 10:** 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 11:** Torque lower oil pan bolts to 89 in/lbs using the crossing pattern below. **Do not over torque.**
- Step 12:** Reinstall factory cross member
- Step 13:** Allow the silicone set up for 1 hour. Fill pan with 11 quarts of motor oil.
- Step 14:** Start the engine. Confirm proper oil pressure. Shut the engine off. Check the oil level. Add oil if necessary.
- 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.



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