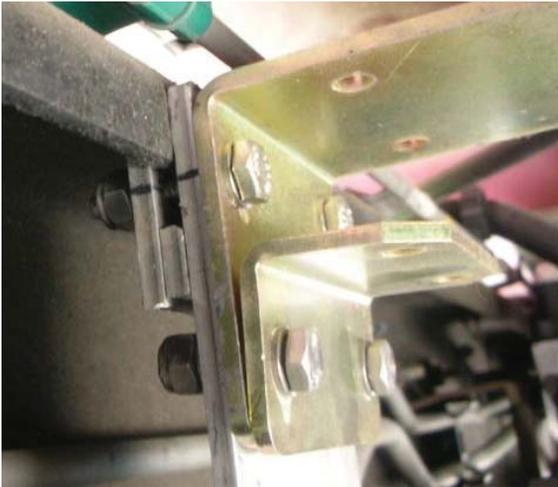




Bypass Filter Installation

2007 Chevy* Silverado*, Duramax* LBZ engine

AMSOIL GM 6.6L Dual Remote Bypass System
Submitted by Steve Schroeder



Filter base bracket mounted to fabricated vehicle mount bracket.



General view of filter mount area with filter base mounted and plumbed.

Disclaimer: These installation examples have been submitted by sources independent of AMSOIL INC. and may not comply with AMSOIL INC. installation instructions or application recommendations.

When mounting the bypass filter base, there were several goals:

- No drilling or welding to the vehicle frame
- No breach of any factory body metal coatings
- Easy access for maintenance
- Out of the way for protection from road hazards
- Easy routing of supply and return lines
- Plenty of flex slack between filter mount and engine

The most challenging aspect of installation was the fabrication of the bracket mount. In this case, a scrap of aluminum 3" wide and of sufficient length to fabricate the required pieces was already on hand. Stainless hardware was used throughout.

This is an easy task for anyone with "the knack". The hardest part for me was figuring out "the bracket for the bracket".

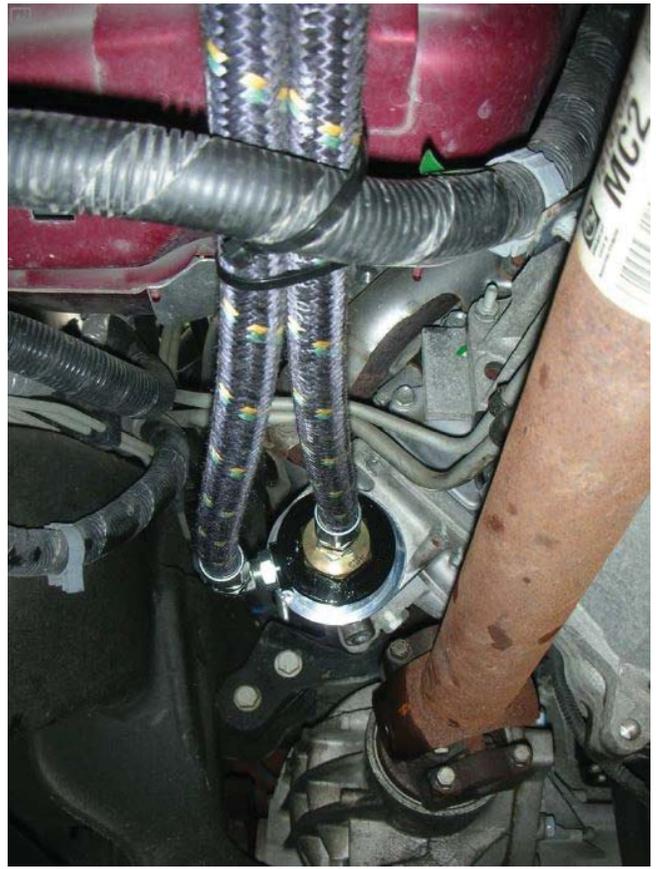
As of June 2015 there are about 23,000 miles on this installation, with no leaks or weeps of oil anywhere – it remains perfectly dry. Lab analysis indicates the oil is suitable for continued use. I changed both filters and added makeup oil (AMSOIL SAE 15W-40 Heavy-Duty Diesel and Marine Oil) to bring to full. It continues to use about a quart of oil every 5,000 miles. How much it "uses" is really unknown. The rear main seal leaves an oil drop hanging from the bottom of the transmission bell housing. My son has the same system on his Duramax and is having the same experience as me, except far less oil consumption (no drip). We both feel it worthwhile to have analytically clean oil circulating through our engines. For it to be such a well-engineered lubricant is truly the icing on the cake.



Father and son matching Duramax trucks.



Bottom of bracket showing rear details.



Filter adapter mounted to factory spin-on oil filter pad. Cutting the hose and installing the fittings in accordance with the provided instructions was a straight forward and simple process.



Tighter view and different angle of adapter on engine filter mount.



You can clearly read the filter labels.