



2005 Chevy Silverado 2500HD Duramax Diesel 4X4

*AMSOIL Dual Remote By-Pass Filter System
Submitted by AMSOIL Dealer Paul Warmuskerken*

Direct Dealer Darrell Rozell and I installed the BMK-17Ea at Rozell's AMSOIL-only quick lube. We installed the filter mount just in front of the gas tank by attaching the bracket to a 1/4" piece of angle iron secured to the body with two 1/2" long 5/16" grade 8 bolts. We reinforced the thin sheet metal by using another 1/4" steel plate on the carpet side of the bolts which are located under the back seat. All through-floor bolts were torqued to 24 ft-lbs in accordance with the 5/16" grade 8 specifications; all BMK-17Ea fittings were torqued in accordance with the AMSOIL installation guide. We used some washers to shim between the angle iron and body on one bolt due to the corrugated floor.

We routed the oil lines over the Chevy's various existing lines, protecting them with wire loom at all potential wear points. We used a single sheet metal screw per two hose mounts to neatly secure the oil lines before and after the filter mount and spin-on adapter, respectively. This kept the hoses neatly together better than the zip ties.

In addition to the BMK-17Ea kit's supplies, this installation required an additional 7' of AMSOIL oil line, the petcock valve AMSOIL offers for the mount, three 2.5" long 5/16" grade 8 bolts, six washers for shimming, two sheet metal screws, four rubber-lined hose mounts, 10' of 3/4" wire loom and the 1/4" scrap metal pieces shown in the photos. I prepped the scrap metal on a wire wheel and treated it to three coats of AMSOIL Heavy Duty Metal Protector. The hose length required 12oz. of oil in addition to the EaO-26/EaBP-100 filters' combined 2.5 quart requirement. Total system oil capacity is now 12.75 quarts as shown.

This method hangs the filters nearly vertically inside the frame rails and high enough to keep even an EaBP-110 Filter above the frame.





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.