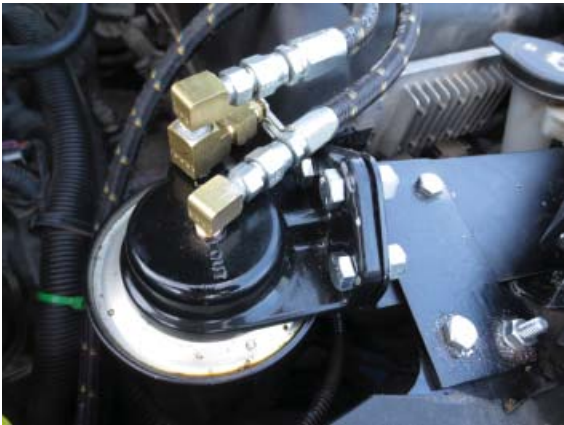




## By-Pass Filter Installation

### 2008 Chevy Malibu

AMSOIL Single Remote By-Pass System  
Submitted by Durrell Weber



I chose to install the AMSOIL Single Remote By-Pass System (BMK21) in the driver's side front corner close to the full-flow oil filter. A custom bracket needed to be made for the filter mount to be bolted to. I needed to purchase an adapter (12 mm x 1.75 mm male to 1/8 in. NPT female) as well as a new oil pressure sender with 1/8 in. thread to fit the included tee (BP33). When the existing oil pressure sender has been removed and the oil supply line is ready to install, you may want to thread the tee (BP33) into the adapter, as well as the new oil pressure sender and supply hose into the tee. When these fittings are tight, thread the whole configuration into the oil pressure sender port. It's a tight fit, but not impossible to do. For the return line I drilled into the oil cap and threaded a Self-Tapping Hollow Bolt (BP40) into the cap, then ran the return line into BP40. Although this oil cap is not ideal for this, it still seems to be preferred over tapping into the oil pan. To prevent movement of the return line I drilled two holes in the plastic engine cover and used a zip tie to fasten the hose to the cover. I installed a Bypass Petcock Valve (BP67) above the filter mount. The oil capacity increased by one quart. Installation took three hours, excluding designing the filter mount bracket.

