



Oil Filter Relocator Installation Instructions

For high-res photos, download the instructions off www.doomsdaydiesel.net

Please find the video tutorial for installing the relocator plate on the OM617 on the Doomsday Diesel YouTube channel. The bottom right side hole in the engine block is the oil feed (out); the top left hole in the block is the oil return (in). These instructions will go over which parts you'll need, some suggested part numbers, and some suggested mounting locations.

The main components you will need are:

- Oil Filter Head
- Thermostat
- Oil Cooler

Options for connecting these components include:

- Barbed fittings with rubber hose and hose clamps
- Reusable compression fittings and stainless braided lines
- Hydraulic hose with crimped fittings

The relocator plate has $\frac{1}{2}$ " NPTF threads for the input and output, as well as a threaded hole for the OM617 turbo oil feed line. The suggested parts to follow will be of the reusable compression fittings, all found at Summit Racing. Starting at the relocator plate, I recommend getting (2) $\frac{1}{2}$ " NPT to -10AN adapters. From there, (2) 90 degree -10AN swivel compression fittings can be used. At the filter head, (2) straight $\frac{1}{2}$ " NPT compression fittings can be used, (1) port can be plugged, and (1) port can be used for a $\frac{1}{2}$ " NPT to $\frac{1}{8}$ " NPT adapter, to provide you with an oil pressure gauge sending unit location. At the thermostat, (2) $\frac{1}{2}$ " NPT straight compression fittings can be used, and a combination of (2) $\frac{1}{2}$ " NPT to -10AN adapters with (2) -10AN 45 degree compression fittings can be used. At the oil cooler, it is dependent on the type of oil cooler you are running to know which fittings you'll use.

To summarize, you'll need the following:

- (4) $\frac{1}{2}$ " NPT to -10AN
- (2) 90 degree -10AN swivel compression fittings
- (2) 45 degree -10AN swivel compression fittings
- (4) $\frac{1}{2}$ " NPT straight compression fittings
- (1) $\frac{1}{2}$ " NPT to $\frac{1}{8}$ " NPT adapter
- Oil cooler fittings
- 10' stainless braided -10 hose (SUM-230010)
- Dual Filter Head (PRM-1221)
- Thermostat (DER-15719)

