

The following document is used in conjunction with the **puraDYN**[®] Bypass Oil Filtration System Installation Manual (PFT8 through PFT60) that is included in the unit box, and as such, should be considered a supplemental source of information. Further, this document covers the installation of a PFT8 Bypass Oil Filtration unit on a Taylor Generator with an Isuzu diesel engine, owned by Dole Food Corporation (see **PICTURE 1**).

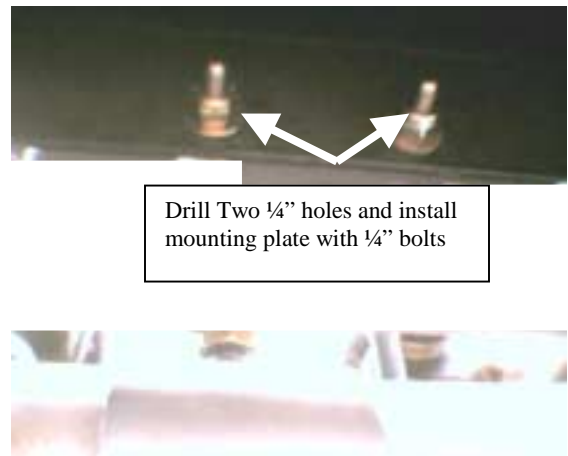


PICTURE 1

The PFT8 Bypass Oil Filtration unit is mounted to the inside of the trailer housing side panel by way of an "12" mounting plate. Locate on frame rail by radiator hose approximately 5-1/2" from the left side of the trailer housing. Mark, center punch and drill two 13/32" diameter holes through top panel. Loosely attach "W" clamps to "L" bracket with supplied 1/4-20 x 1" long hex bolts, flat washers and nuts. Attach "12" mounting plate to trailer housing frame rail panel with supplied 1/4" x 1" long hex bolts, using spacer, flat washers and nuts as shown in **PICTURES 2 & 3**.



PICTURE 2



PICTURE 3

Orient and attach PFT8 Bypass Oil Filtration unit with supplied "C" clamps, spacers, 1/4-20 x 1" long hex bolts, flat washers and nuts as shown in **PICTURE 1 & 2**.

Remove oil pressure sending unit from engine block, install supplied brass "T" fitting and shut-off valve into engine block and install oil pressure sending unit into brass "T" fitting as shown in **PICTURE 4**. Remove the oil drain plug and install the ½" 90° fitting install the hose barb fitting and run hose from PFT8 unit using the 45° fitting from unit to oil pan. **PICTURE 5**



PICTURE 4



PICTURE 5



PICTURE 6

Route supplied vent hose downward and between the lower "W" clamp, connect to vent valve assembly, cut to length and tie-wrap in place. Connect pressure supply line from the shut-off valve to the PFT8 Bypass Oil Filtration unit as shown in **PICTURES 1 & 6**. Caution! Hose routing should not come in contact with any moving parts, sharp edges or hot exhaust manifold.



PICTURE 7



PICTURE 8

Connect one electrical wire to ignition switch "on" terminal using supplied hardware and in-line fuse holder, then connect second wire to "W" clamp bolt (ground) as shown in **PICTURES 7 & 8**. Caution! Wire routing should not come in contact with any moving parts, sharp edges or hot exhaust manifold.

START UP

Fill engine with oil. Start engine and check all connections for oil leaks. Open metering jet sample valve and verify that oil flow is present. After five minutes of engine operation, touch the bottom center of the PFT Bypass Oil Filtration unit and verify that it is warm to the touch. Shut engine off and check oil level. Place **puraDYN** Installation Manual (PFT8 through PFT60) in the documentation holder mounted to the outside rear panel.