

The following document is used in conjunction with the **paraDYN** 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 System on a Carrier Transicold Unit (69GU15-114), owned by Dole Foods Corporation. The **paraDYN** System supplied components are shown below.

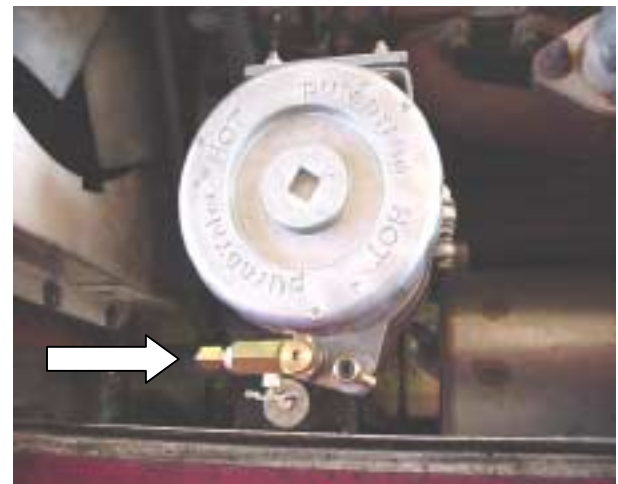




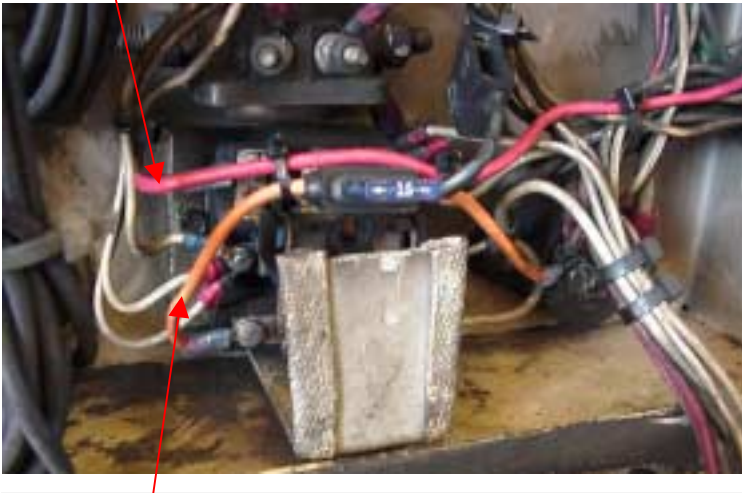
- Step 1) Remove four engine mounting bracket bolts as shown above (see white arrows).
 Step 2) Remove (grind) a portion of the engine mounting bracket gusset flush as shown above (see black arrow).
 Step 3) Re-position the crankcase breather tube towards the front of the engine as shown above (see gray arrow).



- Step 4) Place the unit mounting plate on top of the engine mounting bracket and then install four M12 x 1.25mm x 40mm long bolts (purchased locally) as shown above.
 Step 5) Install four mounting clamps to the unit mounting plate using supplied fasteners as shown below.
 Step 6) Install the **puraDYN** unit using supplied fasteners as shown below.
 Step 7) Orient both the metering jet assembly and vent valve as shown below (see white arrow).



Red wire from terminal 3 to heating element lead



In-line fuse holder from CB3 to terminal 5



Second heating element lead to ground

- Step 8) Connect the in-line fuse from CB3 in the control box to terminal 5 of the “run control relay” as shown above.
 Step 9) Connect supplied red wire to terminal 3 of the “run control relay” and route it out of the control box and to the **paraDYN** Unit, connecting it to one of the heating element leads. Cover said wire with supplied wire loom. Caution! Wire routing should not come in contact with any moving parts, sharp edges or hot exhaust manifold.
 Step 10) Connect the second **paraDYN** Unit heating element lead to ground, as shown above.

Vent tube

Pressure hose

Wire



Pressure hose from engine oil filter



- Step 11) Connect the pressure hose from the engine oil filter to the **paraDYN** Unit using supplied fittings as shown above. Caution! Hose routing should not come in contact with any moving parts, sharp edges or hot exhaust manifold.
 Step 12) Connect supplied vent tube to the **paraDYN** Unit vent valve and secure in place as shown above.



- Step 13) Route the return hose from the **puraDYN** Unit to the engine oil pan drain port as shown above. Caution! Hose routing should not come in contact with any moving parts, sharp edges or hot exhaust manifold.
- Step 14) Fill the engine with normal amount of 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 **puraDYN** Unit and verify that it is warm to the touch. Shut engine off and check oil level. Store the **puraDYN** Installation Manual (PFT8 through PFT60) with other equipment service information for future “quick reference”.