



LFP9750 Installation Instructions

The **New ZGARD LFP9750** is recommended for use on engines with sumps with a 4 Gallon or greater sump capacity. The **New ZGARD LFP9750** should be used **ONLY** with the **LMB451** filter head. The **LMB451** contains a flow control orifice that must be used. **DO NOT MODIFY THE ORIFICE; MODIFICATION OF THE ORIFICE OR INCORRECTLY INSTALLING THE HEAD WILL VOID ANY WARRANTY CLAIMS PERTAINING TO THIS PRODUCT.** The instructions for mounting the head are described below and illustrated in Figure 1. A minimum 3/8" I.D. hose, compatible with high temperature oil of the current designation, is recommended for connecting the base. The fittings should be sealed with PST or thread tape and the hoses should be properly restrained to prevent hose and fitting damage. **NOTE:** Be sure to connect the lines so that the oil flows into the base thru the inlet port and out thru the outlet port.

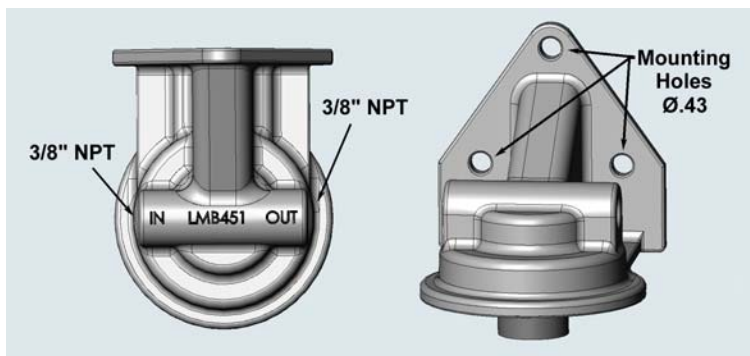


Figure 1

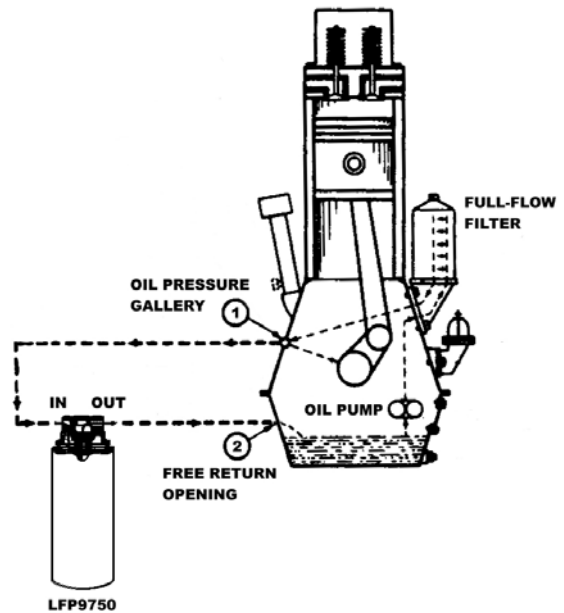


Figure 2

1. Inlet of **LMB451** should be connected to a pressure opening on the engine. Examples of pressure sources are; Gallery ports, Pressure Sender port, etc (Reference Figure 2).
2. Outlet of **LMB451** should be connected to a free return to the crankcase or sump of the engine. Examples of this include; Access port provided by Engine Manufacturer, Oil Filler Tube, etc (Reference Figure 2).
3. Mounting Flange of the **LMB451** **MUST** be bolted solidly to a structure capable of supporting the weight of the filter plus the oil (Approx. 13 lbs). All bolt holes should be used. The base should be located away from potential road hazards.

Fill Instructions: The LFP9750 provides the benefit of approximately one gallon of additional oil to the system. If possible, pre-fill the filter before installing it on the base. Fill the engine with the manufacturer's recommended fill volume. Start the engine and let it run a period of time to fill the LFP9750. This may vary depending on ambient temperature, oil temperature and location. Recheck oil level and add oil as required before retuning to service. Check for leaks. Shut off the engine and check the oil level. Add the required amount to bring the engine to the full line.