

Instructions for 17-2941 Engine Oil Breather Kit

Fits Type 1 40HP, 1300-1600

The EMPI Engine Oil Breather acts to relieve engine case pressure from a number of vent locations. It then separates the air from the oil via a series of baffles, allowing the air to escape thru the air cleaner(s) and a draft tube and the oil to return to the engine case. It also features a screen and foam filter to minimize dirt and oil contamination of air filter(s). This breather **MUST** be vented. It **MUST NOT** be run without a functioning top vent and draft tube.

1. Remove stock oil filler and draft tube.
2. Determine vent routing per instructions and install appropriate hose fittings to breather body. Do not over tighten to avoid cracking or stripping breather body. Use sealing tape or sealant on fitting threads.
3. Install gasket to adaptor bolt and install breather body to alternator stand.
4. Install breather baffle and foam on upper baffle/shelf of breather body.
5. Install breather hose to vent locations then to breather fittings per instructions and secure with clamps.
6. Install gasket on breather cover. Do NOT use sealant. Lubricate lightly with oil – like installing an oil filter.
7. Install the breather cover to the breather body using the 7 - 1/4X20 Allen Screws. Tighten evenly to compress seal.
8. Install the O' Ring on Filler Cap and install Filler Cap on Breather. If an additional vent is required use Part#17-2942 Vented Billet Oil Filler Cap
9. Start engine and check for proper venting and possible leaks.

