

PowerVent™

Twin Kit Installation Instructions:

Twin Cam88 (all) - 93 to current Evolution Big Twins. And 91 to current Sportsters***

1. Remove air cleaner assembly, air cleaner backing plate and the bolts that are threaded into the cylinder head breather outlets.
2. Install a PowerVent breather assembly on each cylinder head breather outlet, using a flat nylon washer (provided) on each side of the banjo flange, insert new breather bolt thru flange, thread into cylinder head POSITION AS DESIRED, Torque bolts 12-14 foot lbs (Evolution) 8-10 foot lbs (TC88) (**Caution, Do not over tighten breather bolts.**)
3. Optional outlet nipple installation: 3/8 nipples are provided for installation of an outlet hose -or filter if desired. Tighten snug. (Do not over tighten)

****IMPORTANT** READ BEFORE STARTING MOTORCYCLE.** After you have completed installation, start engine, let idle, and check each vent to make sure they have an air pulse coming out of the outlet. Should you NOT have ANY air coming out of the outlet recheck your installation for cause.

Service: Every 7500 miles or annually. Remove and Wash in hot soapy water until clean, shake out excess water, reinstall.

CAUTION: Do not use SOLVENTS of any kind to clean. Do not blow out with compressed air, Damage will occur.

*****SPORTSTERS** equipped with a Screaming Eagle aftermarket air cleaner assembly. Discard the two round spacers that were installed between the air cleaner backing plate and the cylinder head. Shorter versions of these along with two special ported 1/2 inch diameter breather bolts are included in your kit, and should be assembled in the following sequence. Using the breather hole in the cylinder head as a starting point, install, 1 flat nylon washer, the Powervent, 1 flat nylon washer, insert breather bolt through Powervent and nylon washers. Next position Powervent straight up and down and tighten breather bolts to 12 to 14 foot lbs of torque. Reinstall air cleaner backing plate, insert 3/8 button-head bolts and flat washer through backing plate and into breather bolt standoff and tighten securely. Reinstall filter element and cover.

Limited Warranty 1 Year

The sole obligation of Doherty Machine shall limited to the products to be found defective in either workmanship or material after the inspection performed by Doherty Machine.

This limited warranty applies only to the original purchaser and only covers the repair or replacement of product at Doherty Machines discretion. Doherty Machine shall not be responsible for any damage caused by defects or failure of these products. Doherty Machine shall not be responsible for any consequential damage arising from any cause whatsoever, nor for labor, transportation or any related incurred costs due to the replacement or repair of defective products.

Important Notices

The installation of these products may cause vehicles to be unable to be used on public highways, and the purchaser assumes all risk and liabilities thereof. The names Twin Cam88, Sportster, Evolution and Screaming Eagle are registered trademarks of Harley Davidson Inc. Milwaukee, Wisconsin U.S.A. and are used for reference purposes only.

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Questions/Comments about our products! Call or visit us at www.DohertyMachine.com

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