



TRADITIONAL EXTERNAL BREATHER SYSTEM INSTRUCTIONS

(Please read entire sheet before beginning install)

Parts included:

- 1 Filter
- 4 or 2 Shoulder washers* (Twin Cam & M8)
- 4 Flat washers (Sportsters/EVO's)
- 4 Zip Ties
- 4 Hose Clamps 2 10" Hose
- 2 Banjo Bolts (breather bolts)
- 2 Banjo fittings

This kit is made to be used with an aftermarket air cleaner (Like the OUTLAW HiFlow 425, 587, 606, 636v & 828 Intakes) that does NOT route the air from the head breather bolts back into the air cleaner.

Installation Steps:

1. Decide if you want to route the hose & included filter to the top or the bottom of the air filter.
2. Install the supplied banjo bolt through the supplied washer, then the banjo fitting, and then through the second supplied washer, then thread it into the head. Or, for Twin Cams & M8's, if you received the aluminum banjo bolts, they have the shoulder washer built into the head of the bolt. So put that bolt thru the banjo fitting and then thru the supplied shoulder washer.
***See Photo Below**
Do NOT tighten all the way at this time. Repeat for the second head.
3. Place the clamps onto the hose and then place each hose onto the nipple of the banjo fittings. (Do not tighten clamps at this time.)
4. Install the supplied filter onto each end of the installed hose with hose clamps slid on to hose.
5. Once you get the hose and the filter in the position that you want (you may need to cut the hose shorter to achieve this), at this time tighten the banjo bolts to 120-144 **inch lbs** (not ft. lbs). Since most garages don't have an accurate inch lb torque wrench. Put them in finger tight, as tight as you can get them with your fingers, then use an open end wrench to turn them

another $\frac{1}{8}$ - $\frac{1}{4}$ of a turn. If they are overtightened, it is possible that they will break off, leaving just the threads in the head.

6. Now you can secure the 4 hose ends using either the supplied hose clamps or the supplied zip ties. Either will work fine, traditionally hose clamps may be used, however, you may find that you like the look of the black zip tie which will blend in with the hose.

7. Go for a Ride!

***The advantage of routing to the top is that any oil that accumulates in the hose and filter will have gravity working for you to drain it back into the engine, rather than dripping down on the outside of the engine. However, it is a matter of your personal aesthetics AND whether there is room between the bottom of the tank and the top of the Air Cleaner.**

General Notes:

- The rider's safety depends on the correct installation of this kit. Please do not attempt if you have any doubts of your ability to install.

- Use blue thread locker, teflon tape or teflon paste on all threads.

When routing the hose, make sure you do not have the hose touching the exhaust or engine. Use zip ties if necessary.

- When installing the shoulder washers that are supplied with the Twin Cam/M8 kit, face the washer shoulders toward each other so that the shoulder are inside the banjo fitting.

- You may need to remove your air cleaner backplate to have enough room to install this kit

- The filter is easily cleaned each time you wash your bike by simply spraying a cleaner on the filter element, letting it sit a few minutes, and then spraying off with low pressure water.

Caution: For Racing Vehicle Use Only.

Note: This product is not for use on roads or vehicles subject to emission control requirements and is not legal for use or installation on motor vehicles operated on public highways in the State of California or other States where similar emission and decibel regulation laws may apply. The user shall determine suitability of this product for his or her use. The user shall assume all risk and liability of regulations and any incurred financial obligations due to vehicle inspections or emissions tests.

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