

JAGG OIL FILTER ADAPTER PART #4400



WARNING: Read instructions in entirety prior to attempting installation. Failure to follow instructions could result in personal injury or damage to motorcycle.

INSTALLATION INSTRUCTIONS

1. Remove spin-on oil filter. (Refer to factory owner's manual, changing oil and oil filter for proper procedure). Clean area thoroughly.
2. Cut two oil lines and install to the 3/8" nipples on adapter. Secure with black hose clamps provided in kit. Make sure there is ample length in both lines to reach oil cooler.
3. Make sure the adapter's flat sealing rubber o-ring is in place and free of debris. Also make sure anchor nut works freely through adapter. Do not add oil to the rubber o-ring.
4. Place adapter with rubber o-ring facing towards stock oil filter mount. Install lock-nut onto threaded oil filter mounting stem that your stock oil filter mounts onto. Place lines to bottom of filter location, slightly forward or rearward if needed, to clear any obstacles. Slowly tighten anchor nut/stud using 1" socket making sure not to pinch any wires or other objects. Tighten down so adapter will not rotate and sealing ring is tight against filter mount. (Optional: You may use a medium strength thread-locking compound on anchor nut.)



Item 4.



Item 5.

5. Install banjo fitting. (Optional: You may use a medium strength thread-locking compound on this fitting as well.)

CAUTION: Threaded oil filter mounting stems may vary in length on some bikes. Insure that the threaded oil filter mounting stem does not bottom out on the bottom of the flat surface of the banjo fitting. Such contact may impede oil flow resulting in oil flow restriction.

NOTE: Part #4400-U, is available separately for bikes with longer oil filter mounting stems to replace the stock oil filter mounting stem.

6. Re-install new oil filter as per owner's manual procedures.
7. Route oil lines to cooler (no sharp bends or kinks that might restrict flow) making sure they are free of filter and any other objects and attach as per cooler mounting instructions. (Be sure oil filter is accessible to remove for changing in future). Oil filter adapter should stay tight when filter is changed, but it should be checked for tightness each time.

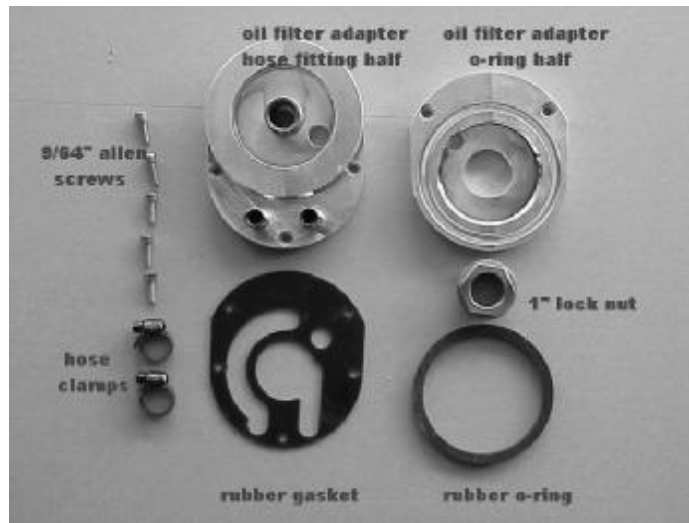
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Offset Oil Filter Adapter
Part # 4600/4700

Tools Needed for Installation

- 1" socket and extension
- 5/32" allen wrench
- ¼" nut driver or slot head screwdriver
- medium strength thread lock compound (optional)



Manufactured and Marketed by:

Setrab Oil Coolers

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CAUTION: To avoid the risk of injury or serious burn allow motorcycle to cool before attempting installation.

Installation Summary

1. Remove oil filter.
2. Install o-ring half of oil filter adapter.
3. Install hose fitting half of oil filter adapter.
4. Install oil lines.
5. Install oil filter.
6. Hook up oil lines to cooler.
7. Allow bike to reach operating temperature.
8. Shut bike off and allow to cool.
9. **Retighten allen head screws.**

NOTE: Read instructions in their entirety before attempting installation. Failure to follow instructions may result in diminished product performance.

Installation Details

1. Remove spin-on oil filter. (Refer to factory owner's manual, changing oil and filter, for proper procedure.) Clean area thoroughly.
2. Disassemble oil filter adapter by removing 5 stainless allen head screws.
3. With long/offset end of adapter at top, place o-ring half of adapter over the threaded stud that your stock filter mounts on and screw in 1" lock nut finger tight. Adapter's flat sealing rubber o-ring should face in, toward stock filter mounting plate, and be free of debris. (Do not apply oil to this o-ring.)
4. Hold hose fitting half of adapter against o-ring half of adapter and align screw holes on both halves. Adjust angle of adapter to angle desired orientation. Insure proper side-to-side clearance of unit. Remove hose fitting half of adapter and securely tighten 1" threaded lock nut so o-ring half of adapter will not rotate and sealing ring is tight against filter mount. This may require a prying force applied against the adapter to allow tightening while retaining the chosen orientation.

NOTE: On rubber mounted models, allow adequate clearance to insure adapter will not strike any object while motor is shaking.

5. Cut 2 oil lines with a little extra length than needed to route to cooler location. Install lines to hose fittings on outer half of adapter. Install and tighten black hose clamps.

NOTE: Rotate hose clamps to insure hose clamp will not interfere with oil filter installation.

6. Install rubber gasket. Be sure to line up oil passageway hole in gasket with oil passageway in adapter.

ATTENTION: Gasket must be applied dry. (ie. no additional gasket sealing compound and insure adapter halves are free of oil residue.

7. Place hose fitting half of adapter against gasket and install 3 allen head screws on front side. Install but do not tighten screws for now. Install 2 allen screws on back side of adapter and install but do not tighten, as well. Return to front side of adapter and tighten screws firmly. Return to back side and tighten screws firmly. (Recheck these screws every time you replace your oil filter.) A criss-cross tightening pattern is recommended to insure even gasket surface contact.
8. Install oil filter per factory/owner's manual recommendation.
9. Route oil lines to cooler (no sharp bends or kinks that might restrict flow) making sure they are free of filter and any other objects and attach to cooler per cooler mounting instructions.
10. Start bike to check for system leaks. Allow bike to achieve operating temperature.
11. Allow bike to cool. Retighten allen head screws. This is a particularly important step to insure gasket does not suffer from "torque loss" due to expansion/contraction during heating/cooling cycles.

NOTE: Insure adequate clearance for future filter changes.

NOTE: Inspect item for adapter and screws for tightness at each filter change. Thread locking compound may be used on mounting bolt and stainless screws.

NOTE: Oil flow direction from adapter; oil feeds cooler from fitting on left side, as viewed from front of hose fitting half. Oil returns to fitting on right side, as viewed from front side of hose fitting half.

NOTE: #4600 Offset Oil Filter Adapter is designed to access oil supply for installation of an oil cooler, any other use is not recommended.