



Horizontal Buell Oil Cooler Kit for 1996-2002 Buell Motorcycles Part #1390

Required tools:

- 9/16" open end wrench
- 9/16" socket or another open end wrench
- 1/4" nut driver or straight screwdriver
- 1" socket

Kit contents:

- (2) Oil lines
- (1) Oil filter adapter
- (1) Oil cooler with attached bracket
- (4) 7/8" black hose clamps
- (1) 3/8"-16 x 2" Grade 8 coated bolt
- (2) 3/8" spacers/washers

Installation Instructions:

CAUTION: To reduce the risk of serious injury, allow the motorcycle to cool before attempting installation.

1. Remove stock 3/8" x 1-1/2" bolt and nut from frame Heim joint. Do not discard nut (figure 1).



Figure 1.

2. Insert 3/8" x 2" bolt (included) through clutch cable mounting bracket hole.
3. Insert (1) 3/8" spacer/washer (included) onto the 3/8" x 2" bolt.
4. Insert bolt through hole in oil cooler bracket and then through frame joint. Another spacer



Figure 2.

is included and may be used at the installers discretion to allow increased spacing of clutch cable (figure 2).

NOTE: If there is concern for oil filter clearance during high performance stopping and/or acceleration, the 3/8" x 2" bolt may be installed with the head in the rear of the joint at the discretion of the installer.

5. Reinstall nut from step 1.
6. Remove spin-on oil filter. Refer to owners manual changing oil and oil filter for proper procedure. Clean area thoroughly.
7. Install adapter. Refer to oil filter adapter installation instructions (included).
8. Install black 7/8" hose clamps (included) onto oil lines and push oil lines onto the 3/8" nipples on oil cooler. Securely tighten each 7/8" black hose clamp.

CAUTION: Overtightening hose clamps can cut oil line resulting in oil line failure.

9. Reinstall oil filter per owner's manual instructions and install is complete (figure 3).

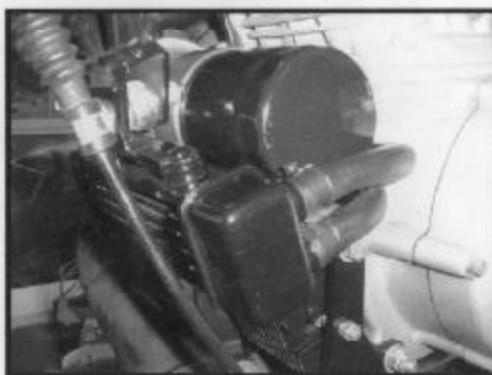


Figure 3.

10. Start and run engine. Check all connections for leaks. Add oil if necessary.

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SETRAB OIL COOLERS
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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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