INSTALLATION INSTRUCTIONS

Part # 760-1700

IMPORTANT INFORMATION

This Jagg oil cooler must be installed following these instructions. Read the easy-to-follow instructions fully prior to starting the installation of the oil cooler kit. Correct installation is the only way to ensure proper operation of the oil cooler kit.

QTY.	KIT CONTENTS
1	Jagg Deluxe DiamondCut oil cooler
1	Jagg 4800 Yamaha oil filter adapter
4	Screws: M6x50 cap head, black
2	Sealing o-rings for 4800 oil filter adapter (find in 4800's captured o-ring channels)
3 ft	Jagg 30R7spec black oil hose
4	7/8" black worm-drive hose clamps
1 pair	Jagg frame clamps, 1-1/4"

TOOLS NEEDED	
Phillips head screwdriver	M5 Allen wrench
Hose cutter or sharp knife	1/4" Allen wrench

BASIC SYSTEM INSTALLATION GUIDELINES

- Route oil hose to avoid any hot surfaces or moving parts. Ensure all bends are smooth, with no sharp turns that may restrict oil supply to the engine.
- Oil cooler is designed to mount as detailed in these instructions. Any modifications may lead to decreased performance or item failure.
- When cutting oil hoses, always use a sharp knife, single-edge razor blade, or hose cutter. Make a straight, clean cut at 90º to the oil hose. This will ensure a proper fit where the oil hose attaches to its connection.
- Over-tightening hose clamps may cause oil leaks.

CAUTION: ALLOW MOTORCYCLE TO COOL BEFORE ATTEMPTING INSTALLATION OR RISK SERIOUS INJURY.

Part 1: Oil cooler mounting

1. Determine oil cooler placement on the left frame tube by holding the oil cooler to the approximate height desired.
2. Locate Jagg frame clamps included in the kit.
3. Spread the clamps open, and place the clamps around the left frame tube.
4. Position the oil cooler vertically on the left frame tube with the oil inlet and outlet pointing downward.
5. Align the bolt holes in the oil cooler with the holes in the mounting clamps and install the nuts and bolts.
6. Carefully slide the oil cooler and clamps up or down to desired height. Keep clamps free from any braces or indents that may interfere with a clean fitment. Ensure that the oil cooler is mounted at a 90º orientation (straight out) from the motorcycle to allow clean airflow.
7. Tighten bolts in frame clamps using a 1/4" Al-

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len wrench. Oil cooler should be firmly mounted now.

Part 2: Oil cooler plumbing: oil filter adapter
The Jagg 4800 oil filter adapter fits between the engine block and the oil filter housing on Yamaha applications to provide access to the oil supply for the installation of a Jagg oil cooler. The oil filter adapter is designed to flow oil through the oil filter before flowing through the oil cooler, resulting in minimal pressure drop.

8. Using an M5 Allen wrench, remove the four mounting screws and the oil filter housing. (Photo 1).

Photo 1.

NOTE: The oil filter may be left in place during the installation (Photo 2) if desired. If removed, however, the oil must be drained from the oil filter and all mounting surfaces must be cleaned of oil and dirt.

Photo 2.

9. Install the two o-rings included in the kit onto the Jagg 4800 oil filter adapter (Photo 3).

Photo 3.

10. Match the Jagg 4800 oil filter adapter to the stock oil filter mount on the motor with the o-rings on the oil filter adapter toward the motor and the o-rings on the oil filter housing toward the oil filter adapter (Photo 4).

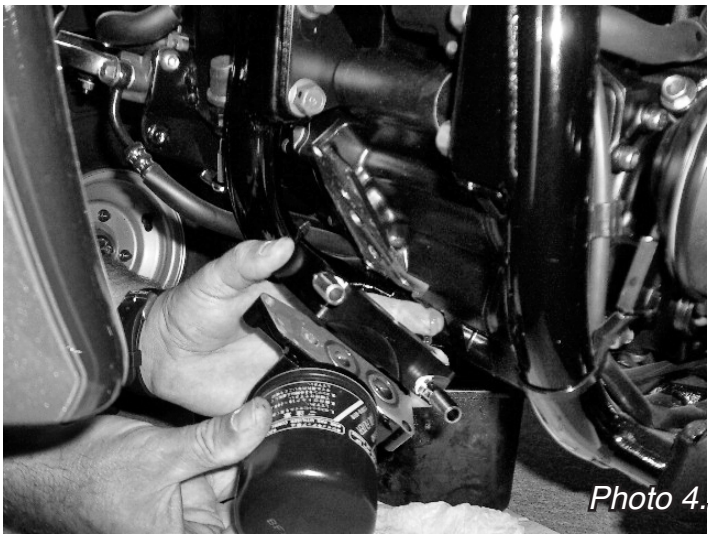
Photo 4.

11. Using the four M6x50 cap head screws provided in the kit, mount the oil filter housing and the 4800 assembly to the motor (Photo 5).

CAUTION: Be careful not to over-tighten the screws. It is recommended to apply a medium-strength thread lock compound to the M6x50 cap head screws prior to their installation at this step.

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Photo 5.

12. The 4800 Jagg oil filter adapter is now installed (Photo 6).

Photo 6.

Part 3: Oil Cooler Plumbing: oil hoses

13. Cut the provided oil hose into two lengths and install the oil hoses onto the hose fittings on the oil cooler. Secure hose over the fittings with the 7/8" black hose clamps included in the kit so the hose cannot pull over the barb on the fitting. The flow orientation of the oil cooler is non-directional, so either hose fitting will allow proper flow as an inlet or an outlet.

    TIP: Install 7/8" black hose clamps loosely onto hoses before installing hoses onto oil cooler nipples. A touch of oil on oil cooler nipples allows the hoses to push on easily.

14. Measure, cut, route, and attach the oil hoses to the oil filter adapter. Secure hose over the fittings using the 7/8" black hose clamps onto the oil filter adapter inlet and outlet as detailed in the previous step.

CAUTION: Take care to make gentle bends in oil hose routing from oil cooler to adapter. Sharp bends may collapse under heat load and cause restriction to oil flow.

15. If previously removed, install oil filter onto the threaded stem of the oil filter housing. Tighten per factory/service manual recommendations.

Part 4: Final inspection

16. Inspect the oil hoses to ensure there are no tight bends that may restrict oil flow and that they are not contacting any moving parts. If necessary secure the new hoses to the frame with plastic zip-ties.
17. Refill the engine with the correct amount and type of oil. Check the oil level per factory/service manual recommendations.
18. Start the engine and let it idle. Check all oil hose connections for any leakage. Tighten any hose clamps that may be leaking.

NOTE: Over-tightened hose clamps may cut into oil lines and cause oil leaks.

19. After installation completion and engine warm-up, shut the engine down and recheck the oil level. Correct the oil level if necessary, but do not over-fill.

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SERVICE & UPGRADE ITEMS AVAILABLE	
PART NO.	DESCRIPTION
21-SSN06-B	Stainless steel braided oil hose. High performance 3/8”(-06) Nitrile rubber oil hose with stainless steel braided jacket
08-0069	Oil filter strap wrench. Simply one of the easiest oil filter wrenches to use. Engineered to access oil filter for removal around almost any obstacle. Use with 3/8-inch drive ratchet extension. Takes virtually no space in the toolbox or the saddlebag.
22-HF06-SI (silver) 22-HF06-BK (black)	Jagg hose finishers with integrated worm-drive hose clamps dress up the terminal ends of your oil hose to resemble high-performance racecar compression fittings without the installation hassle. 7/8” integrated hose clamps, suitable for 3/8” (-06) plain or braided oil hose. Available in black or silver anodized finish.
22-HS06-SI (silver) 22-HS06-BK (black)	Jagg hose separators keep your oil lines separated, provide extra structure, and look trick! Pair with hose finishers for a complete, finished look. Machined from billet aluminum and anodized either bright silver or black, these items install in a snap.

See these items and more, including high-performance K&P reusable oil filters, Spectro™ fluids, and other quality products at: www.jagg.com

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