



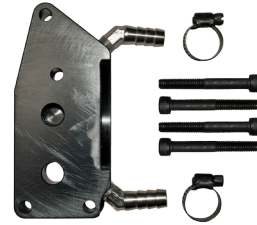
# INSTALLATION INSTRUCTIONS

Part # 4800

## IMPORTANT INFORMATION

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

QTY.	KIT CONTENTS
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)
4	7/8" black worm-drive hose clamps



## 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 90° 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.**

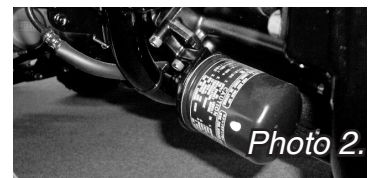
### Operation Summary

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.

- Using an M5 Allen wrench, remove the four mounting screws and the oil filter housing. (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.



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



er 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).

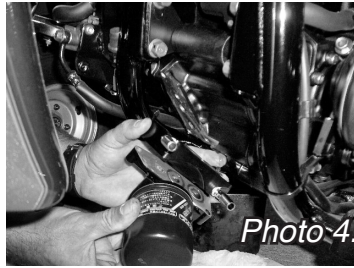


Photo 4.

- 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).



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.

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



Photo 6.

### Oil Cooler Plumbing: proper hose installation

Continue through the following steps if you are now using the installed Jagg 4800 oil filter adapter to feed oil to a Jagg oil cooler and return it to the engine.

- Cut 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.

**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.

- 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.

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

### Final inspection

- 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.
- Refill the engine with the correct amount and type of oil. Check the oil level per factory/service manual recommendations.
- 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.

- 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.