



## INSTALLATION INSTRUCTIONS

Part # 762-1200

Please read these instructions completely before beginning installation.

### KIT CONTENTS

QTY.	DESCRIPTION
1	Jagg SlimLine oil cooler
1	Jagg 4900 oil filter adapter assembly:
1	Oil filter adapter plate
1	Extension screw, M20x1.5
1	Large O-ring for oil filter adapter plate
3 ft	Jagg 30R7spec black oil hose
4	7/8" black worm-drive hose clamps
2	Jagg frame clamps for 1-1/4" frame downtube



### FITMENT

Yamaha Bolt models 2014-2019

### INSTALLATION

#### Part 1: Preparation

The following steps will drain oil from the engine. Refer to the motorcycle Owner's Manual if needed for procedure.

1. Start the engine, warm it up for several minutes, and then turn it off.
2. Place an oil pan under the engine to collect the used oil.
3. Remove the engine oil filler cap, the engine oil drain bolt, and the oil drain bolt gasket to drain the oil from the crankcase.
4. Remove the oil filter cartridge with an oil filter wrench.
5. Remove the factory oil filter extension screw, using 1-1/16" (27 mm) wrench.
6. Clean the oil filter landing of oil and debris.
7. Replace the oil drain bolt gasket and the oil drain bolt and tighten to factory specifications: 31 ft•lbf (43 Nm).

#### Part 2: Oil filter adapter installation

8. Apply a thin coat of clean oil to the O-ring on the rear of the oil filter adapter plate. Ensure it is captured within the O-ring channel.
9. Match the oil filter adapter plate onto the engine's oil filter landing with the oil filter adapter's barbed hose



**Photo 1**

- fittings positioned near the bottom, at about 8-o'clock and 6-o'clock (see Photo 1, above).
10. Insert the extension screw through the oil filter adapter plate and thread it into the oil filter landing port.
  11. Tighten the extension screw to 20 ft•lbf (27.1 Nm).
  12. Ensure adequate clearance of oil filter adapter plate and fittings around any moving parts, exhaust systems, or sharp edges that could cause hose or component failure or interference.
  13. Install engine oil filter to factory specifications: 12 ft•lbf (17 Nm).

**Warning:** Installation should only be attempted by those with mechanical skills and experience working on vehicles. Standard safety precautions consistent with the tools and dangers of automotive work should be followed to protect from injury. Specifically, wear protective equipment, take care to stabilize the vehicle on a level surface, engage the parking brake, and allow vehicle to cool before attemptation installation; failure to comply can result in injury and/or damage to equipment.



**Photo 2**

**Part 3: Oil cooler installation**

14. Determine oil cooler placement on right frame tube by holding the oil cooler to the approximate height of its desired location.
15. Loosen the bolts in the frame tube clamps and spread clamps to wrap around right frame tube.
16. Position the oil cooler vertically on the right frame tube with the inlet and outlet fittings pointing downward.
17. Align the bolt holes in the oil cooler with the holes in the mounting clamps and install the nuts and bolts.
18. Carefully slide the oil cooler and clamps up or down to position to desired height. Ensure the oil cooler is mounted at a 90° orientation (straight out) from the motorcycle to allow maximum airflow through the oil cooler. Angling the cooler away from this position will reduce performance.
19. Tighten the bolts in the frame tube clamps using a 1/4" Allen wrench. The oil cooler should be firmly mounted now.
20. Cut the provided oil hose into two lengths.

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

21. 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.
22. 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.

**NOTE:** It may be necessary to rotate the hose clamps to ensure the hose clamps do not interfere with oil filter installation.

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

**Part 4: Oil fill & final inspection**

23. 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 or organize with hose separators (sold separately).

**TIP:** Jagg offers billet aluminum hose separators in black or silver hard anodized finish to help with organizing and routing hose. See recommended accessory parts at end of installation instructions.

24. Refill the engine with the correct amount and type of oil and replace oil fill cap. Check the oil level per factory Owner's Manual or service manual recommendations. Jagg 6-row oil coolers will add approximately 6 fl oz (177 ml) of oil to the system.
25. Start the engine and let it idle. Check all oil hose connections for any leakage and gently tighten hose clamps as needed.

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

26. 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.

**SERVICE NOTE:** Any time an oil filter is removed from the oil filter adapter, check the extension screw for proper tightness and re-torque if needed.

Congratulations! Enjoy your new high-performance Jagg Oil Cooler and ride safely!

ACCESSORY PARTS AVAILABLE.	
Description	Part #
O-ring service kit for Jagg #4900 oil filter adapter.	SK4900
Jagg hose separators keep your oil lines separated, provide extra structure, and look trick! Pair with hose finishers for a complete, finished look.	22-HS06-BK (black) 22-HS06-SI (silver)
Machined from billet aluminum and anodized either bright silver or black, these items install in a snap.	