

Phat Performance Parts

PPP-007 Oil Filter Relocation Kit Instructions.

IMPORTANT: Make sure engine and engine oil is cool before attempting installation!

Parts Included:

- 1 X Oil Filter Bypass Assembly
- 1 X Oil Filter Mount
- 3 X Oil Filters
- 2 X Braided Hose
- 4 X Hose Fittings
- 4 X Hose Clamps
- 2 X M6-1.0x16mm Bolts

Tools Needed:

- 5mm Allen Wrench
- 6mm Allen Wrench
- 7/16" Wrench
- ¼" Wrench or Socket

1. Remove the muffler assembly and the front (lower) exhaust pipe.
2. Disconnect the rear brake light switch. Remove right floorboard while leaving the brake line connected.
3. Remove the oil filter cover by loosening the 5 bolts that secure it to the engine. You do not need to drain the engine oil for installation.
IMPORTANT you must reuse the following:
 - Long bolt with large head for upper right hole
 - Long bolt with small head lower bolt hole
 - Short bolt for upper left hole
4. Remove oil filter cover, oil filter **and the black rubber grommet at the rear wall of the filter recess.**
5. Remove the two large O-Rings from the back of the stock filter cover. Install them in the same sequence on the new bypass assembly. **Make sure the stock tiny O-Ring is installed in the lower bolt hole recess, if it fell out reinsert.**
6. Insert the new bypass assembly into the engine and bolt using the three bolts set aside in Step #3. The Long/Large head bolt installs into the lower hole. The Long/Small head bolt installs in the upper right hole. The Small bolt installs in the upper left hole.
7. Use the 2 small M6 Bolts included with the kit for the two remaining exposed holes that will remain above the adaptor assembly.
8. Install the hose fittings onto the new oil filter assembly (**Helpful Hint- it may be useful to put some WD40 on the threads before insertion as fittings need to be tightened so only 2 or 3 threads show!!!!**). Loosely mount the assembly to the front tubular cross member at the lower front fame section. Assembly should have the oil fittings pointing out towards the now missing floorboard. (**Helpful Hint- There is little space available to insert an Allen wrench in the rear clamp bolt once installed. It may help to mount the assembly at the rightmost section of the cross member and partially tighten the rear bolt in that position. Then slide the assembly to the desired location and finally tighten the forward most bolt of the clamp when instructed to do so in step 10 below.**)
9. Install hose fittings onto the oil bypass assembly (**Helpful Hint- it may be useful to put some WD40 on the threads before insertion as fittings need to be tightened so only 2 or 3 threads show!!!!**). Carefully pre-install the hose clamps over braided hoses being careful to not catch the exposed threads, then proceed to install complete hose assembly onto the fittings. **Install the shorter hose assembly onto the top most hose fittings and the longer hose assembly onto the lower hose fitting.** Tighten using ¼" socket or wrench. Double check all line connections to be sure they are tight but do not over tighten, they are only hose fittings!!!
10. Set oil filter assembly in suitable location so it along with the oil lines are free from obstructions and tighten clamp to cross member.
11. Install oil filter by pre-lubing the rubber O-ring on filter. You may wish to partially pre-fill the filter with oil before installation. Tighten only to when you first seat the filter than 1/3 to 1/2 turn more. **Filter does not need to be overly tight.**
12. Triple check that all bolts are fully tightened!
13. Re-install lower exhaust pipe, muffler assembly, floorboard, brake light switch.
14. Start motor and let idle for a few minutes so oil is fully circulated through the new assembly. Turn off motor and double check oil level and top off as needed.
15. Check for leaks and tighten any fittings accordingly.
16. Go for a long overdue ride!!!

This tutorial is meant as a basic run through of the steps needed for installation. If you are not comfortable with mechanics or the proper handling of tools be sure to get the installation professionally done. Phat Performance Parts is not responsible for damage to your bike or person from improper installation.