

MrRPM / MaD MotorSports Oil Cooler Kit

Please inspect all kits parts and make sure no packing material are in the adapter, cooler, or lines. Using an air compressor or can of compressed air is best.

- 1) Using the supplied seal tape screw in the ½ inch fittings into the oil cooler and ¼ inch fittings into the adapter(s).
- 2) Remove oil filter cover and filter from the motor.
Note.. You do not have to drain your oil to install this cooler.



- 3) Remove the o-ring from the factory oil filter cap and install it around the MrRPM oil filter adapter.



- 4) Remove the stock oil filter rubber grommet located on the motor side of the filter and after cleaning the old oil off insert it onto the end of the MrRPM oil filter adapter. Only use the boot style oil filter o-ring. Others will not work.



- 5) Use the factory oil filter bolts placed the adapter in the oil filter pocket and tighten bolts
- 6) Remove plastics to gain access to the front and rear of radiator
(The cooler does not have to be mounted to the radiator. If your radiator has been relocated you can mount the cooler in the factory radiator location or in an area that has airflow when atv/sxs is moving)
- 7) Remove the radiator fan
- 8) ATVs may need to remove the upper radiator bolts and lean radiator towards the rear of the quad.

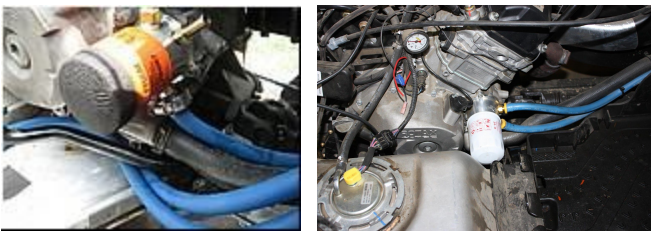
- 9) Slide both ends of the supplied oil line onto the radiator.
(Rubbing a small amount of oil onto the barbs makes sliding the line on a lot easier. Hose clamps are not needed with this line/fitting setup)
- 10) Mount the cooler about mid ways up onto the radiator using the supplied mounting fasteners making sure that the cooler does not hit against any support bars or plastics. It is important to use the supplied pads between the cooler and radiator.



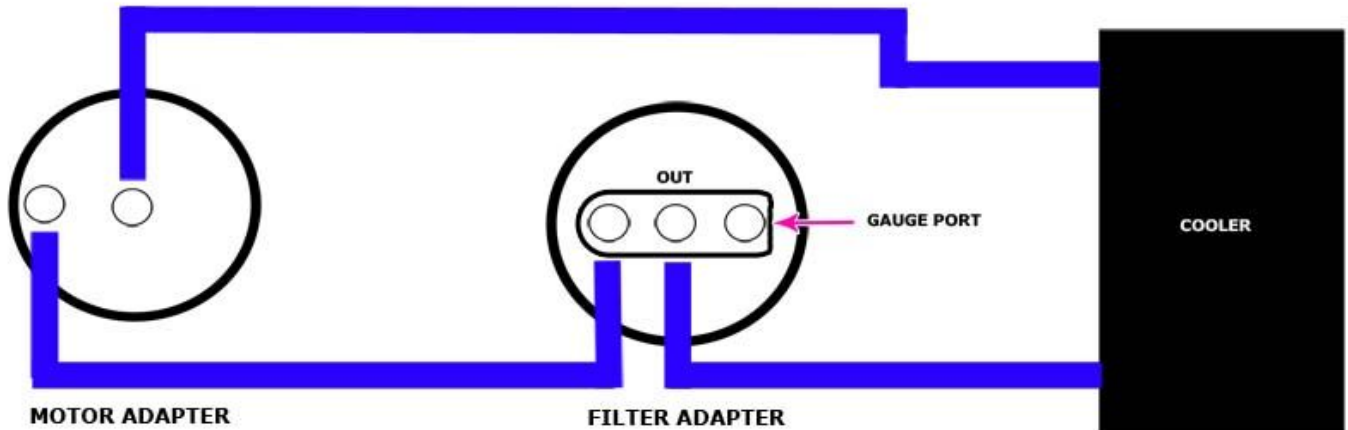
- 11) Route the oil lines to the oil filter side of the motor.
Note.. Use zip ties and loosely attach the oil lines to the radiator hoses down to the water pump.



- 12) Cut the oil line to length and slide the line onto the oil adapters leaving some slack in the line in case the line needs to be removed in the future.



(The remote oil filter adapter setup must be plumbed using the schematic below. Failure to do so will result in loss of oil pressure)



- 13) Screw in oil filter and oil temperature port plug using the supplied seal tape on the threads.
- 14) If you drained your oil refill 2 quarts, reinstall dipstick and crank motor for 30 seconds.
(An engine code might set due to low oil pressure while cooler is priming.)
- 15) Fill oil to full mark on the dipstick.
- 16) Crank motor again for 30 seconds to complete the priming of the cooler.
- 17) Check oil level on the dipstick adding oil if needed.
- 18) Crank motor and check for leaks.
- 19) Reinstall radiator, fan, and any plastics.
(ATV floorboards may need to be trimmed to clear the oil filter. A heat gun can also be used to mold the floorboard around the filter)



- 20) During first ride check oil levels and fill if needed.

Use Oil Filter
Baldwin Filter B1406
Car Quest/Wix R85396
Fram PH4967 , PH6607 , PH4386