



Step 1:

Remove coolant from bike and remove the left side radiator, connector and oil filter cap.

Step 2:

Put Vaseline or grease on the o-ring on the inside of the cap so it sticks on the cap. Assemble the oil filter like picture 2; install the oil-filter on the engine (Picture 7). Be sure to install the oil cooler lines to the fittings as shown on picture 7.

Picture 1



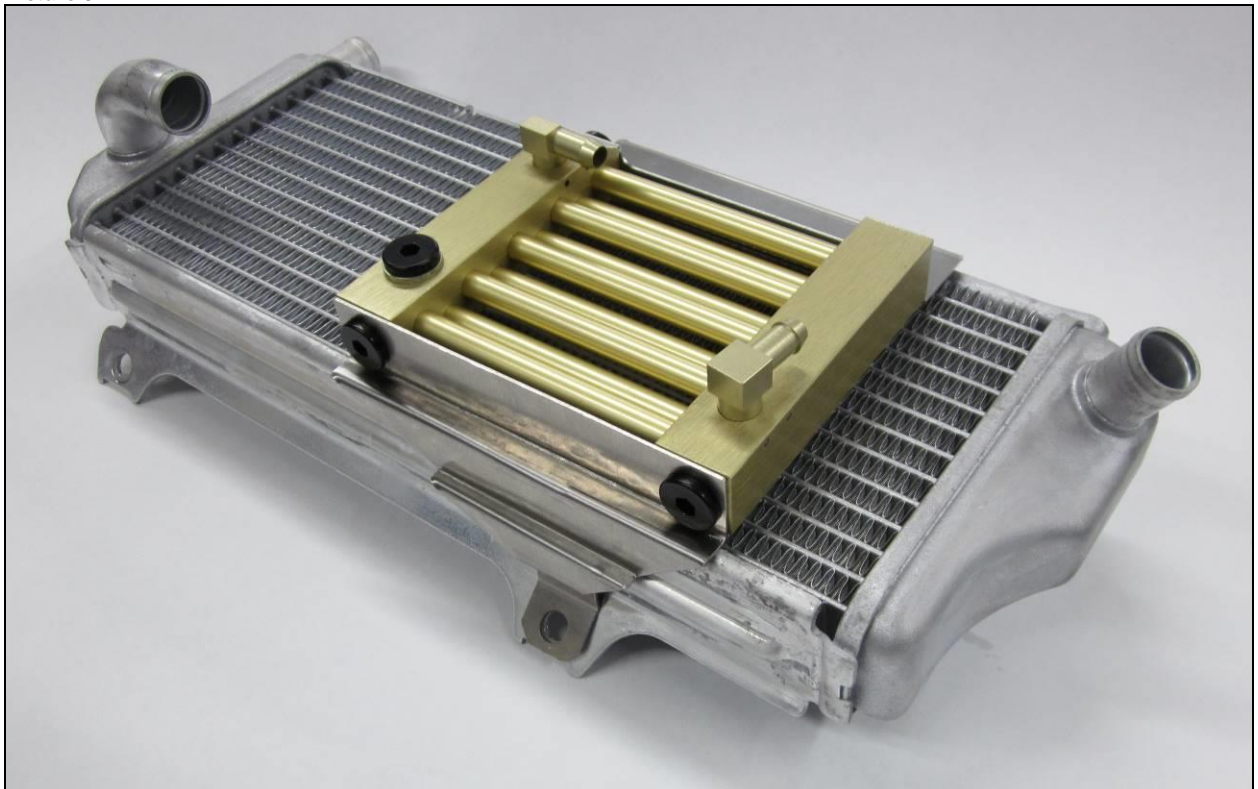
Picture 2



Step 3:

Install the oil-cooler at the bottom portion of the left radiator (like picture 3 ,4 and 5)

Picture 3





Picture 4



Picture 5



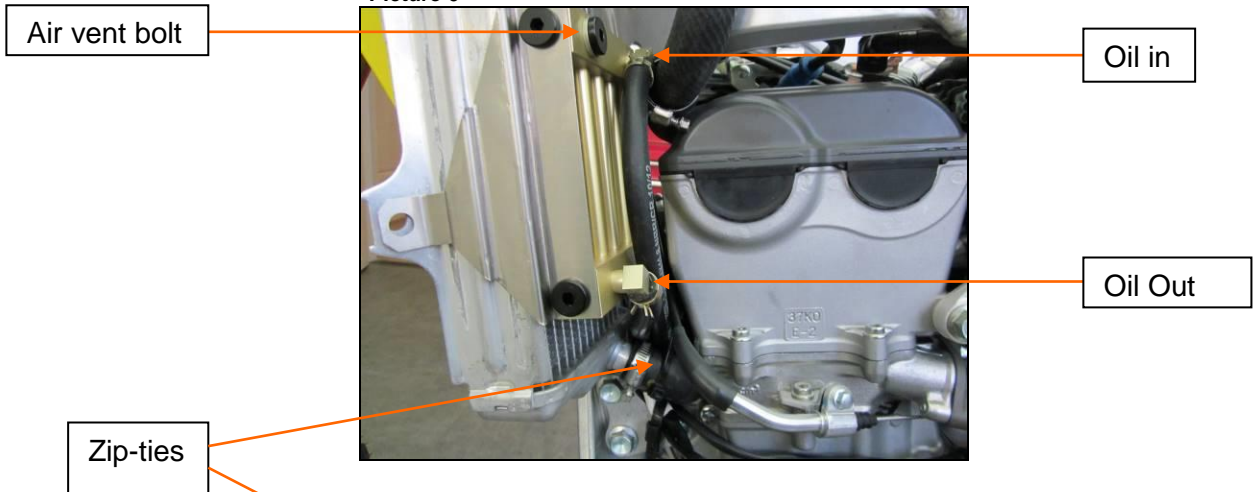
Step 4:

Install the oil cooler hoses like the assembly diagram (like picture 6 and 7)

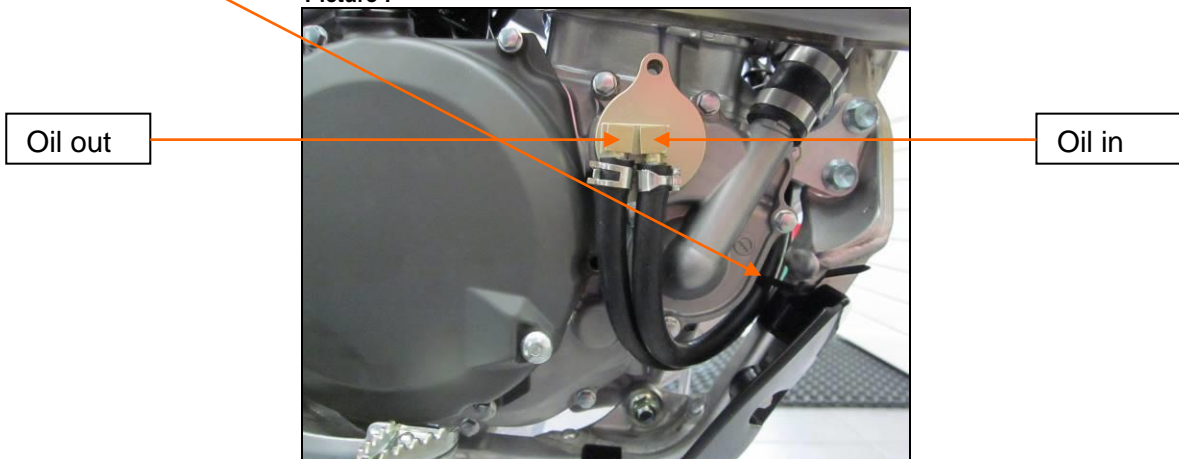
Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length)

Hose 2 connects oil-out from the radiator to oil-in on the filter cap (cut the hose to the length)

Picture 6



Picture 7





Step 5:

Fill the engine with oil, adding 150ml more oil.

Step 6:

Start engine and let it idle.

Step 7:

Stop the engine after 2 minutes and check if there is air in the cooler by opening the air vent bolt (picture 6). If oil comes out, the system has been bleed properly. If air comes out, redo step 6 and 7 until oil comes out.

Step 8:

Re-install the left side radiator shroud. Check oil level and top off if necessary.

Step 9:

Mount the protection bracket at the oil filter cap using OEM bolts as shown on Picture 8.

Picture 8



The replacement Oil Filter for this Oil Cooling System is: 140.118.