



**Step 1:**

Remove the coolant. Remove the left side radiator shroud, the radiator, and the oil filter cap.

**Step 2:**

Install the oil-cooler at the bottom portion of the left radiator (Like Picture 1 ,2,3 and 4)

Picture 1



Picture 2



Picture 3



Picture 4



**Step 3:**

Assemble the oil-cooler and radiator back onto the frame with the stock bolts (Picture 5).

Picture 5





**Step 4:**

Put some Vaseline or grease on the o-ring on the inside of the cap so the o-ring sticks on the cap and assembly the oil filter like picture 7.

**Picture 6**



**Picture 7**



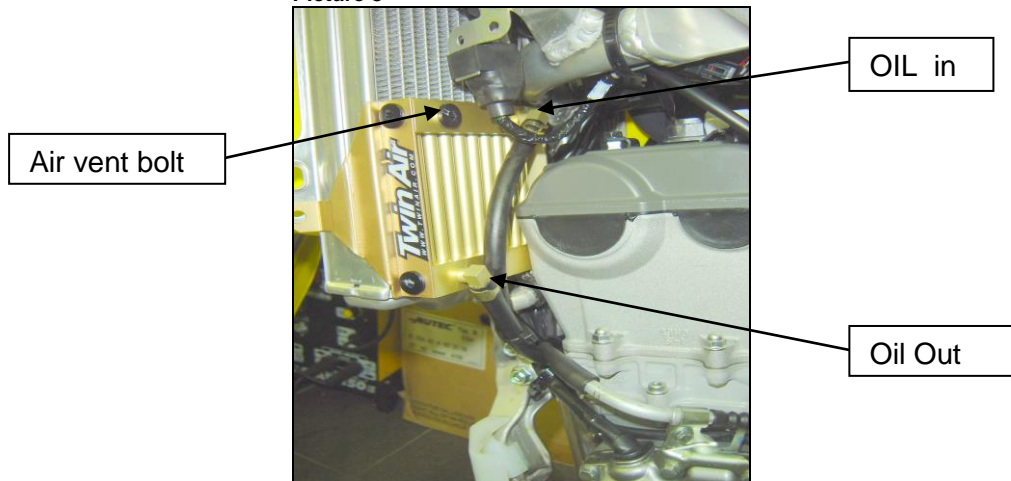
**Step 5:**

Install the oil cooler hoses like the assembly diagram (like picture 8 and 9)

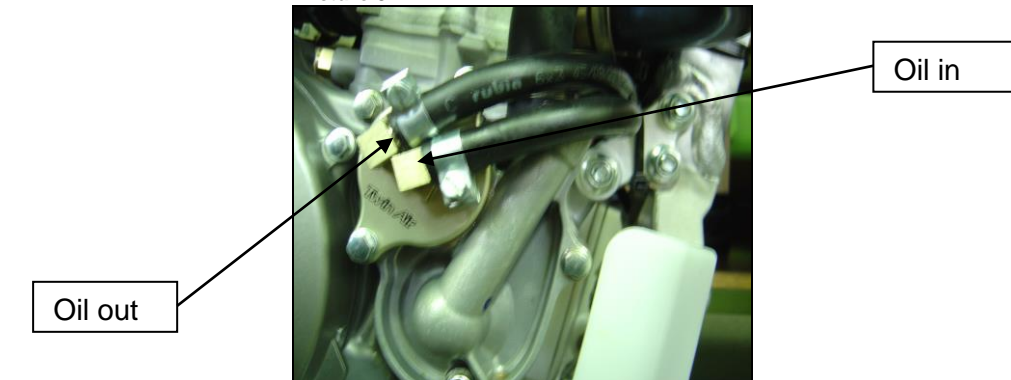
*Hose 1* connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length). Oil out lines will be on the left side of the cap and the cooler unit.

*Hose 2* connects oil-out from the radiator to oil-in on the filter cap (cut the hose to the length) Oil in lines will be on the right side of the cap and oil cooler unit.

**Picture 8**



**Picture 9**





Step 6:

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

Step 7:

Start the engine and let it idle.

Step 8:

Stop the engine after 2 minutes and check if there is air in the cooler by opening the air vent bolt (picture 8). If oil comes out, the system has been bleed properly. If air comes out, redo step 7 and 8 until oil comes out.

Step 9:

Check oil level and top off if necessary.

*The replacement Oil Filter for this Oil Cooling System is: 140.118.  
The replacement O-ring set for this Oil Cooling System is: 160.505.*