



Step 1:

Remove the coolant. Remove the left side radiator shroud and the bolts at the front of the radiator, also remove the oil filter cap.

Step 2:

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

Picture 1



Picture 2



Picture3



Step 3:

Assemble the oil-cooler and radiator back onto the frame with the stock bolts (Like picture 4)

Picture 4





**Step 4:**

Install the center-tube trough the smallest hole of the oil-filter, install the o-rings and assemble it on the oil filter cap and install the oil filter unit on the engine. (Like picture 5 and 6)

**Picture 5**



**Picture 6**



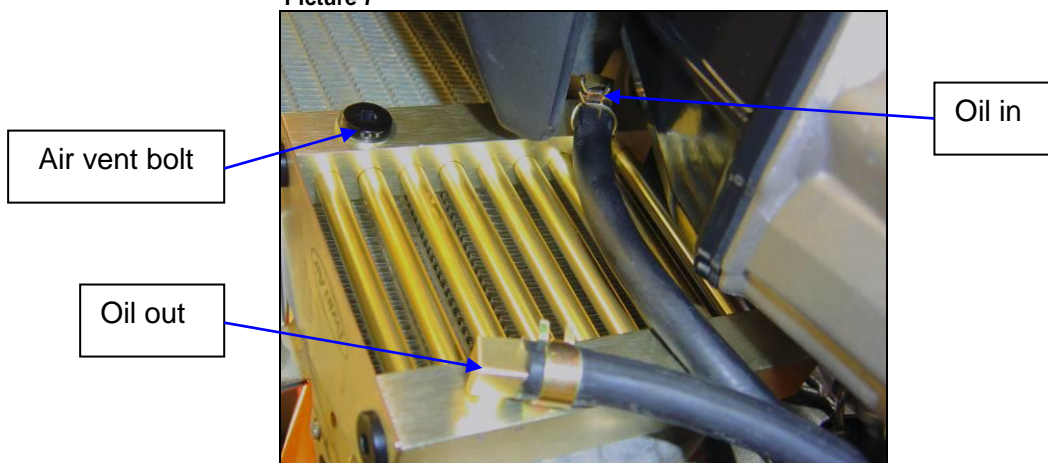
**Step 5:**

Install the oil cooler hoses like the assembly diagram (like picture 7 and 8)

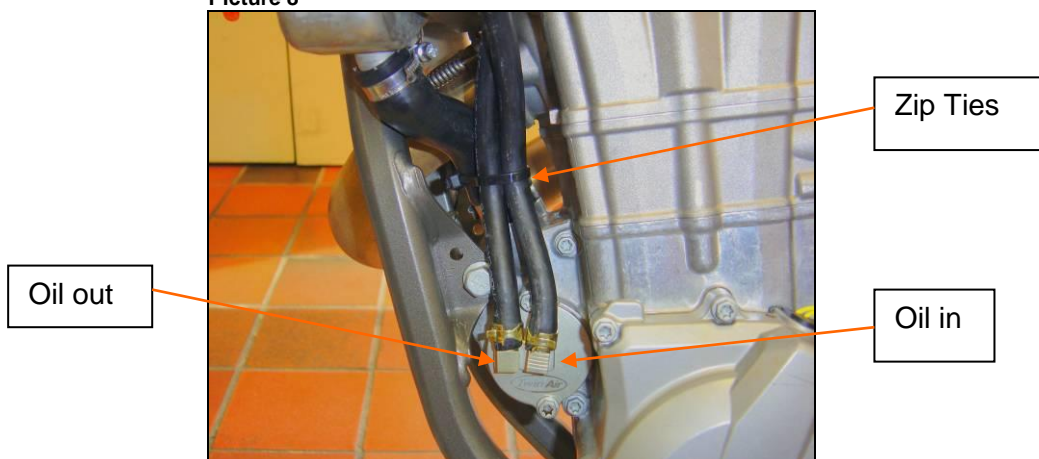
*Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length).*

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

**Picture 7**



**Picture 8**





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 7). 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: 140.121.*