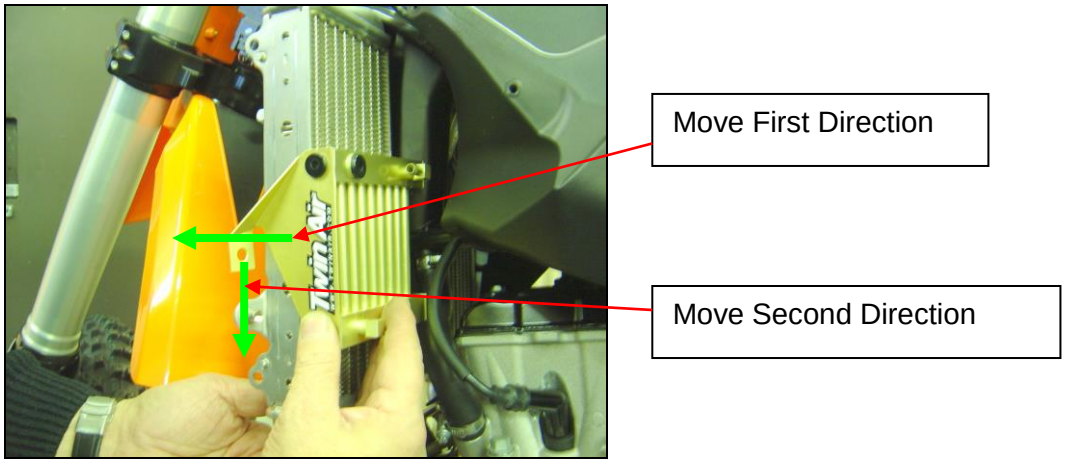
Step 1:

Remove the left side radiator shroud and the bolts in front of the radiator.
Also the oil filter cap

Step 2:

Install the oil-cooler at the bottom portion of the Left radiator; follow the right order of the arrows to put it on place.(Picture 1).

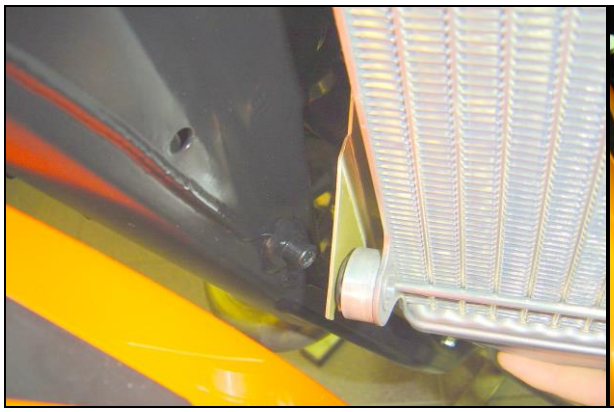
Picture 1



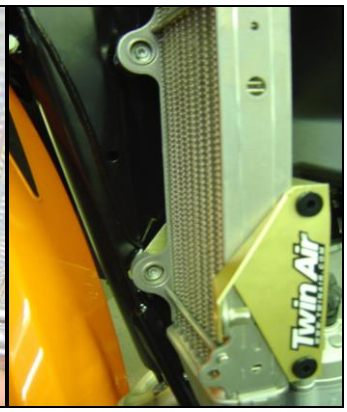
Step 3:

Reinstall the radiator like picture 2 and 3.

Picture 2



Picture 3

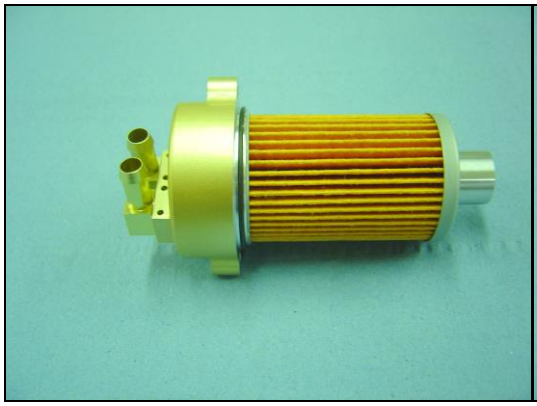


Step 4:

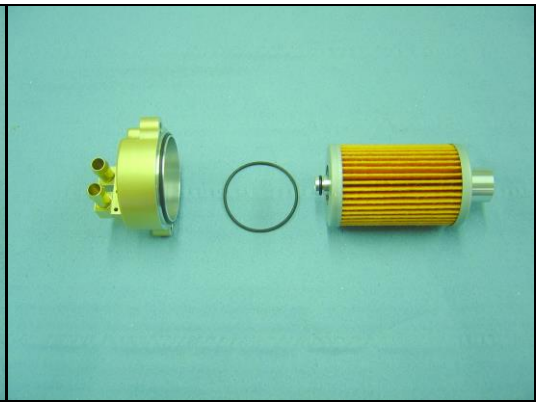
Assemble the oil-cooler and radiator back onto the frame with the stock bolts (picture 3).

Step 5:
Put some grease on the o-ring on the inside of the cap to ensure the o-ring sticks to the cap. Refer to picture 4 and 5.

Picture 4



Picture 5



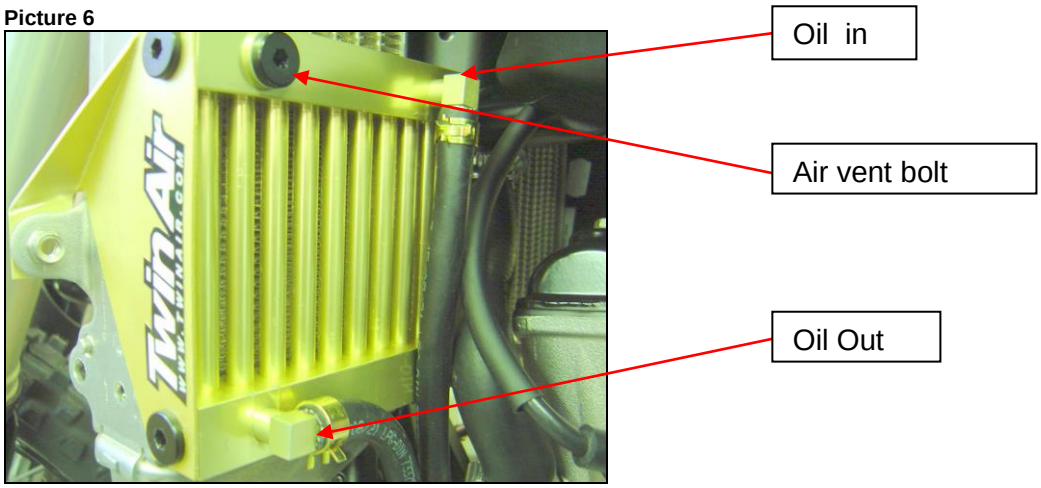
Step 6:
Install the cap with the oil-filter on the motor.

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

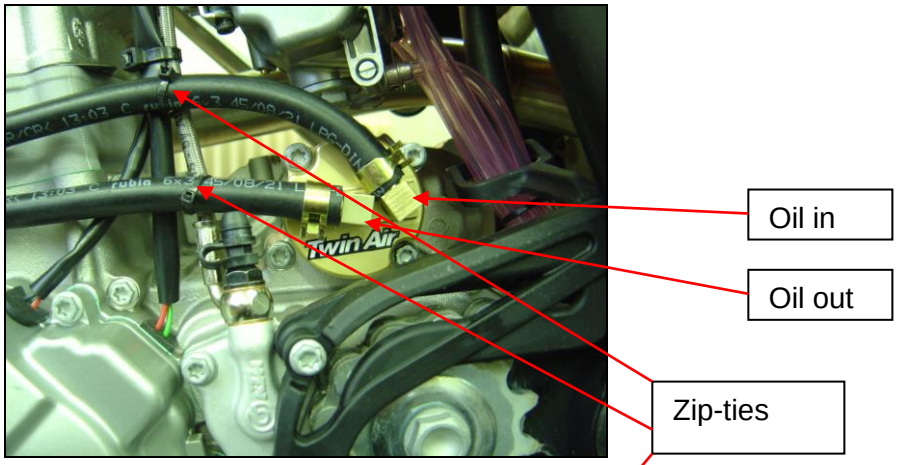
Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length). Oil out lines will be on the right side of the cap and the left side of the cooler unit.

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 center of the cap and the right side of theoil cooler unit.

Picture 6



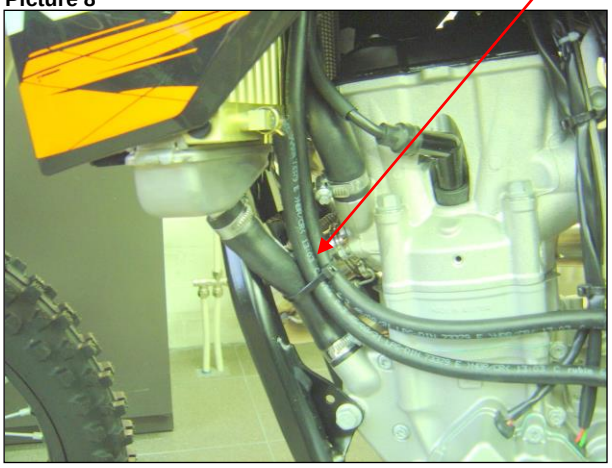
Picture 7



Step 8:

Use nylon zip-ties to attach the oil-hoses to the Oil-hose (Like picture 7 and 8)

Picture 8



Step 9:

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

Step 10:

Start the engine and let it idle.

Step 11:

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 10 and11 until oil comes out.

Step 12:

Check oil level and top off if necessary.

The replacement Oil Filter for this Oil Cooling System is: 140.120.
The replacement O-ring set for this Oil Cooling System is: 160.506.