



Step 1:

Remove coolant from bike and remove left side radiator; also remove the oil filter cap.

Step 2:

Install the oil-cooler behind the bottom portion of the left radiator (like Picture 1, 2, 3 and 4). Be sure to install the oil cooler lines to the fittings on the oil cooler.

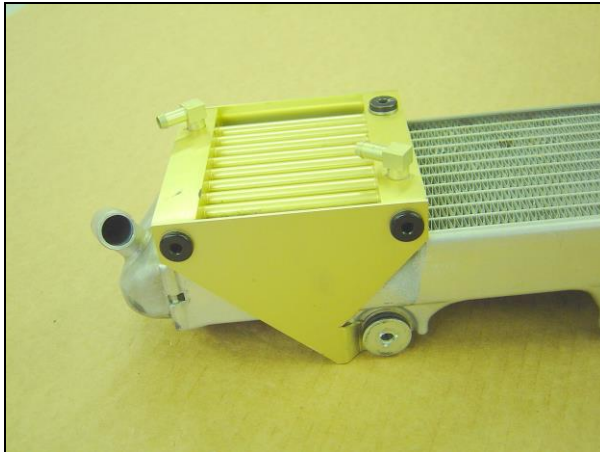
Picture1



Picture2



Picture3



Picture 4



Step 3:

Put some grease or vaseline on the o-ring on the inside of the cap to ensure the o-ring sticks on the cap. Then install the oil filter on the oil filter cap.

Picture 5



Picture 6





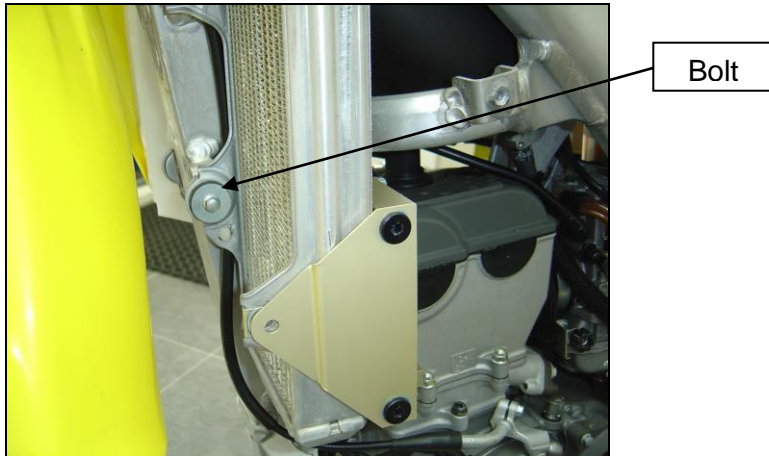
Step 4:

Install the oil filter cap on the engine.

Step 5:

Assemble the oil-cooler and radiator back onto the frame with the stock bolts (like picture 7).

Picture 7

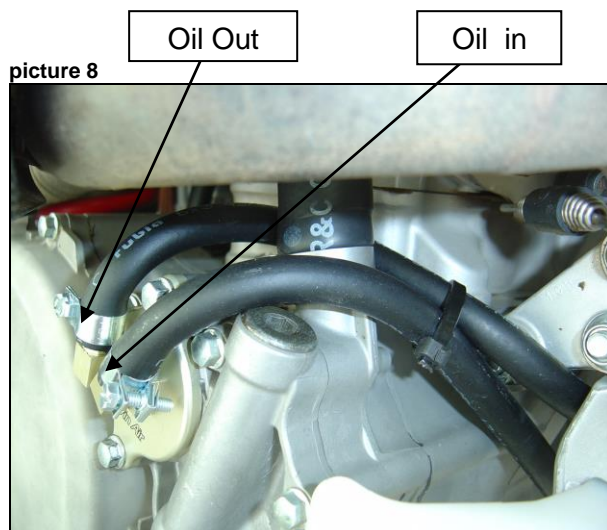


Step 6:

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

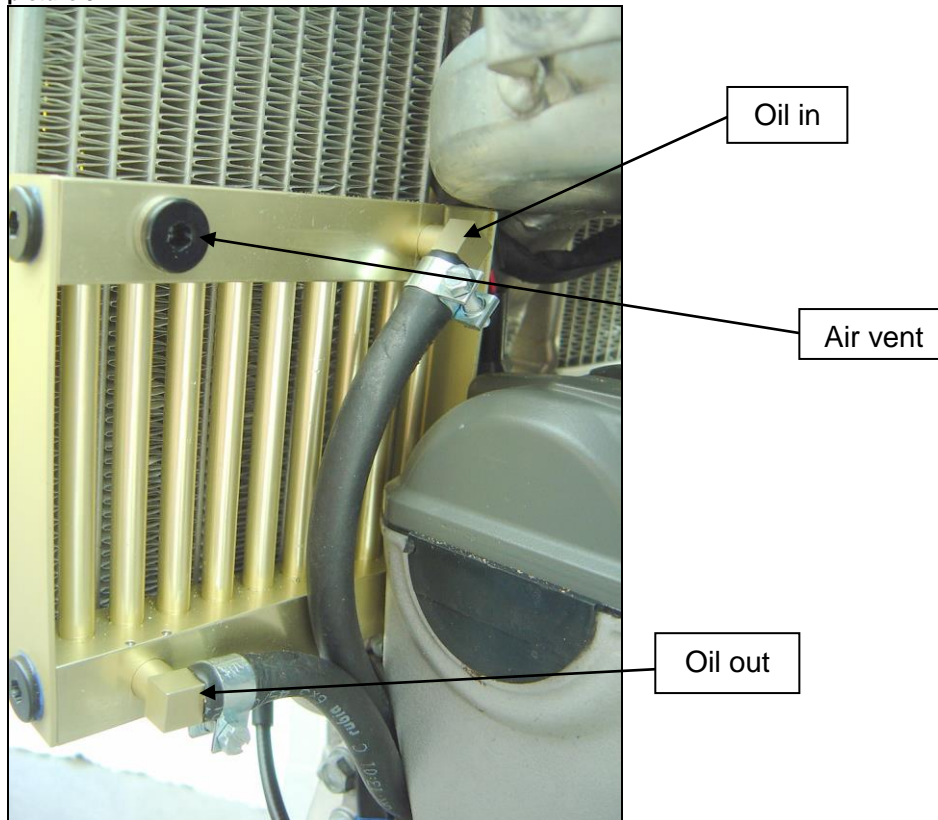
Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length). Oil out lines will be on the left side of the cap and the cooler unit.

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 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 9). If oil comes out, the system has been bled properly. If air comes out, redo step 7 and 8 until oil comes out.

Step 9:

Check oil level and top off if necessary.



Step 10:

Re-install the left side radiator shroud using the OEM bolts. Remember the longer bolt goes into the bottom left mount that secures the oil cooler and radiator (like picture 10).

Picture 10



Bolt

*The replacement Oil Filter for this Oil Cooling System is: 140.018.
The replacement O-ring set for this Oil Cooling System is: 160.505.*