



Step 1:

Remove coolant from bike and remove left side radiator.

Step 2:

Dismantle the Bracket (Picture 1) for the two wire connectors and cut it Picture 2

Picture 1

Picture 2



Re-install the connectors to the bracket and connect the bracket with a nylon zip tie to the Frame (Like Picture 3 and 4)

Picture 3

Picture 4



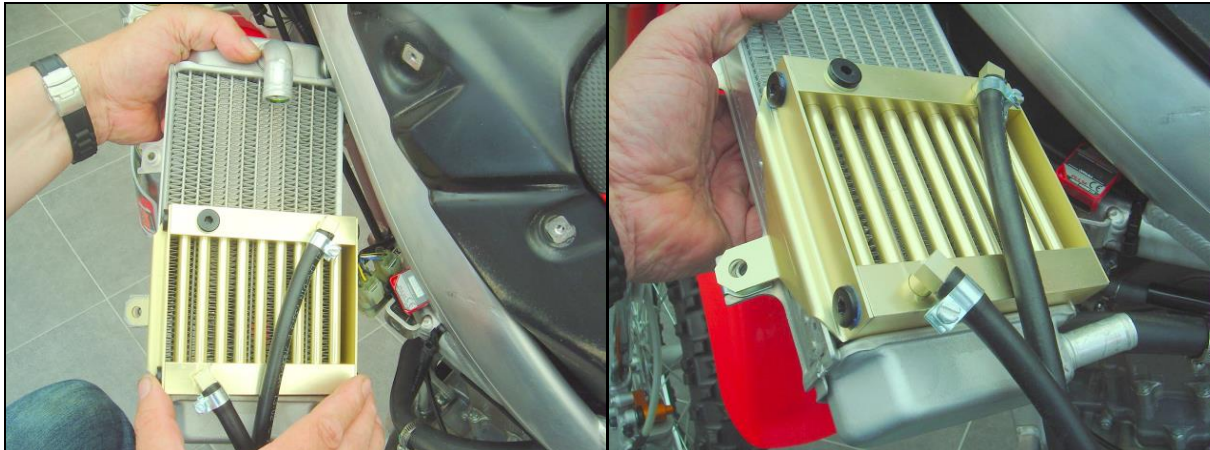
Zip-tie

Step 4:

Install the oil-cooler at the bottom portion of the Left radiator (Like Picture 5 and 6). Be sure to install the oil cooler lines to the fittings on the oil cooler.

Picture 5

Picture 6





Step 5:

Assemble the oil-cooler and radiator back onto the frame with the stock bolts.

Step 6:

Connect the radiator hoses to the radiator. Fill radiators with coolant.

Step 7:

Install the oil filter cap on the engine.

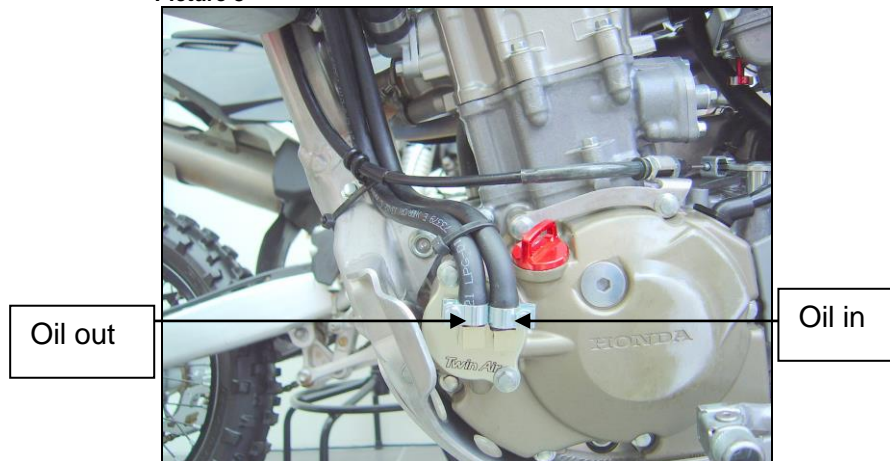
Step 8:

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

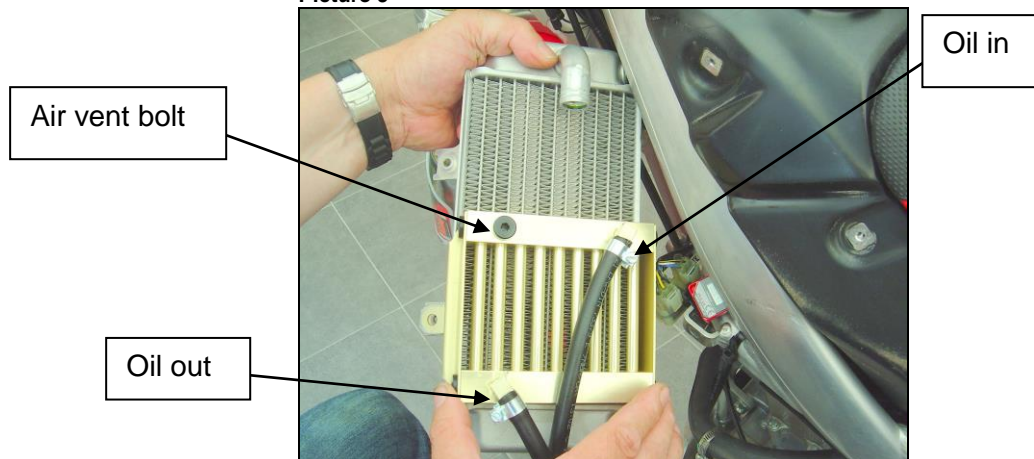
Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length). Oil out lines will be on the left side of the cap and the cooler unit.

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

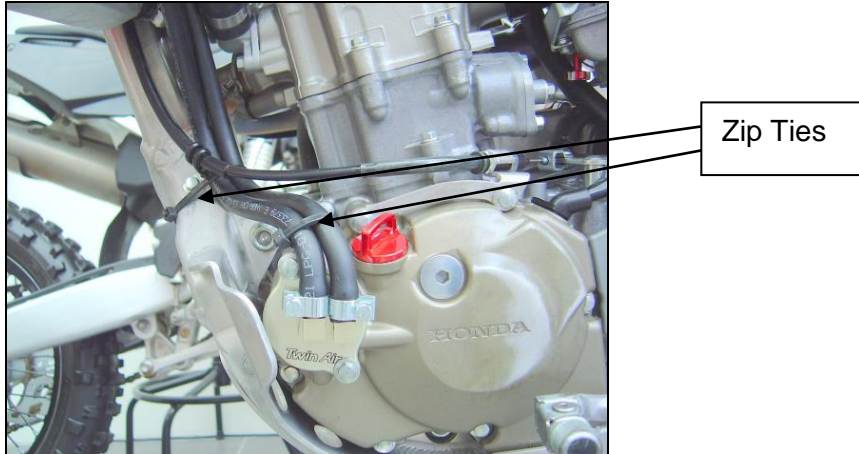




Step 9:

Use two nylon zip ties to attach the oil-hoses to the water-hose (Like picture 10)

Picture 10



Step 10:

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

Step 11:

Start the engine and let it idle.

Step 12:

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 11 and 12 until oil comes out.

Step 13:

Check oil level and top off if necessary.

Step 14:

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.

*The replacement Oil Filter for this Oil Cooling System is: 140.003.
The replacement O-ring set for this Oil Cooling System is: 160.500.*