



Oil Cooler Installation Instruction

Step 1:

Remove the coolant. Remove the Left side radiator shroud and the bolts at the front of the radiator. (Picture 5) Also disconnect the electric connectors, remove the capacitor, and remove the oil filter cap.

Step 2:

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

Picture 1



Picture 2



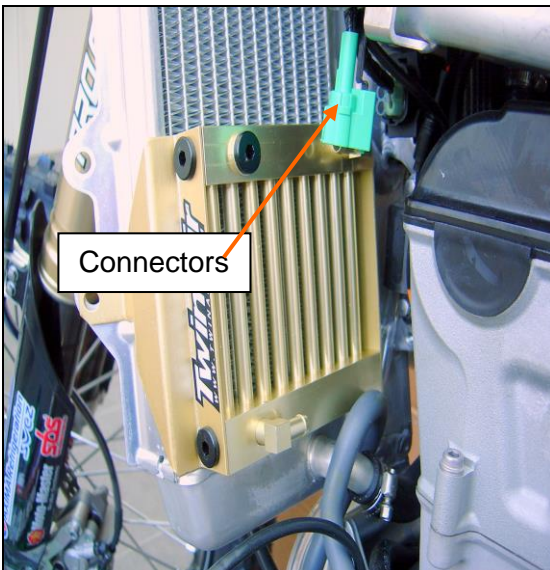
Picture3



Step 3:

Install the oil-cooler at the bottom portion of the left radiator (Like pictures 4 and 5). Be sure to install the oil cooler lines to the fittings on the oil cooler.

Picture 4



Picture 5





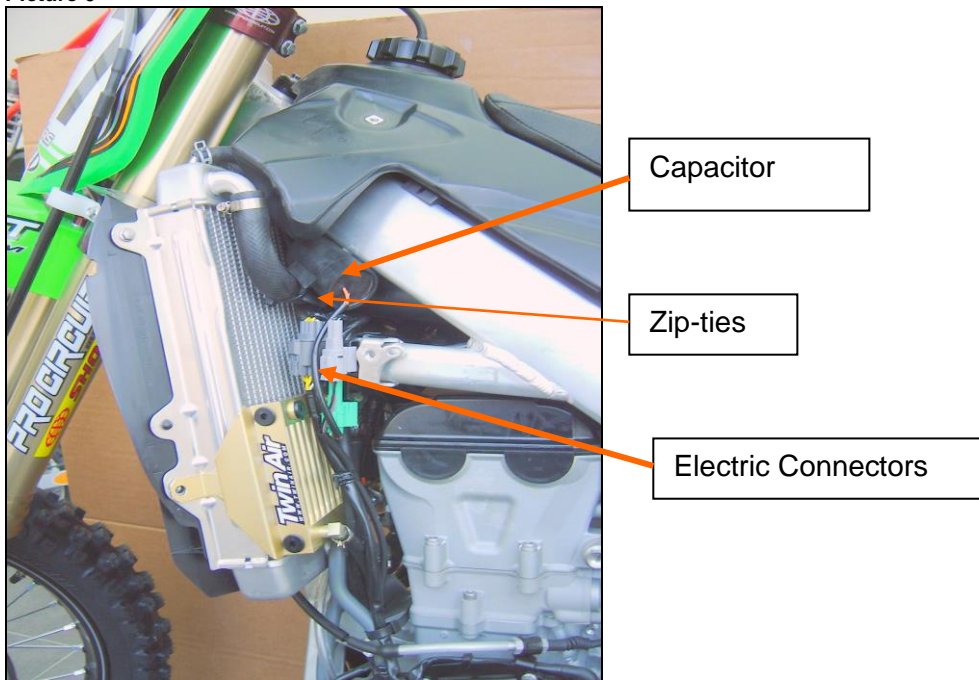
Step 4:

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

Step 5:

Connect the electric connectors and re-install the capacitor with two zip-ties to the water hoses as in picture 6.

Picture 6



Step 6:

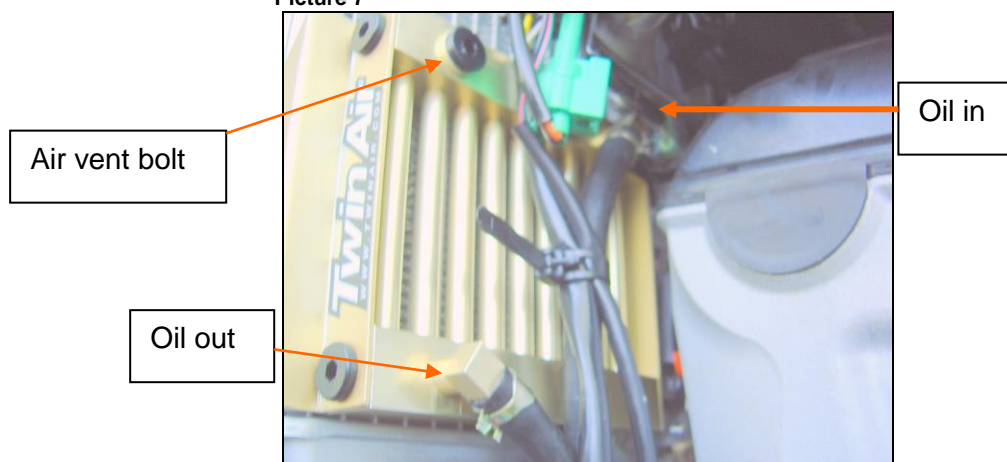
Install the oil filter cap on the engine (like picture 8).

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

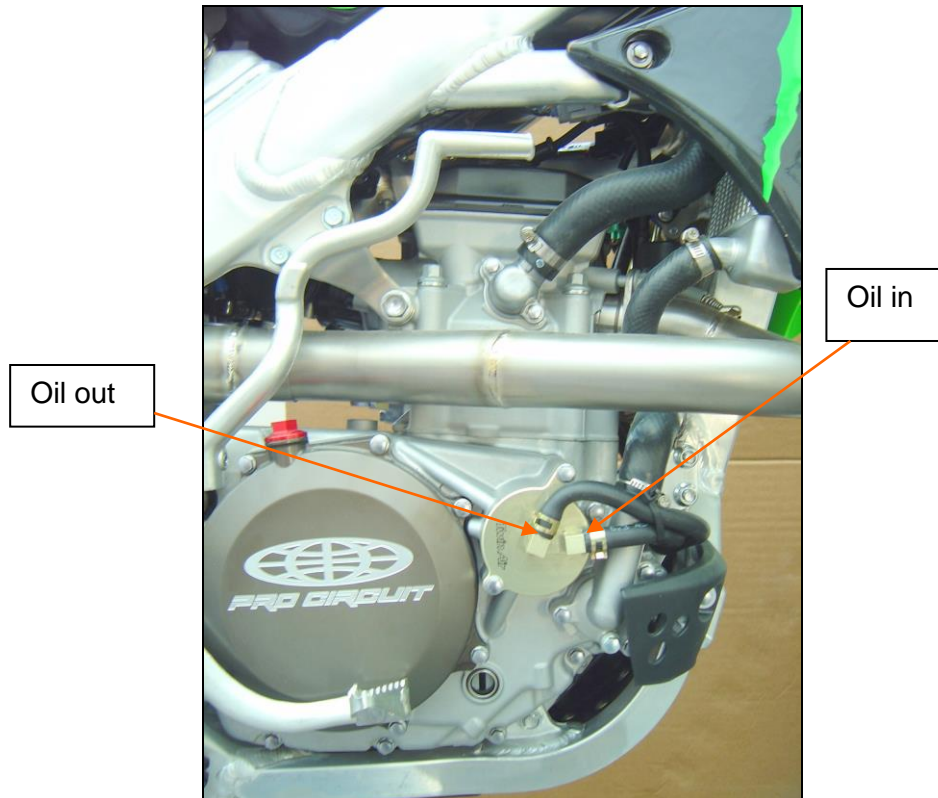
Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length).

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

Picture 7



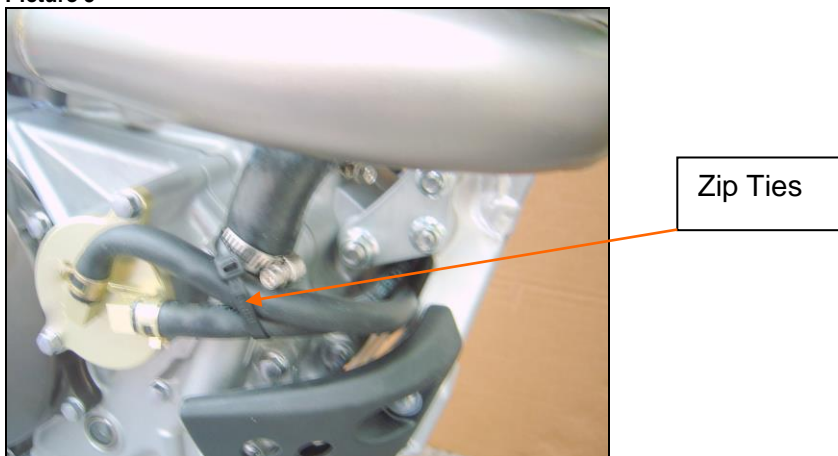
Picture 8



Step 7:

Use nylon zip ties to attach the oil-hoses to the water-hose (Like picture 9)

Picture 9



Step 7:

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

Step 8:

Start the engine and let it idle.



Step 9:

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 8 and 9 until oil comes out.

Step 10:

Check oil level and top off if necessary.

Step 11:

Re-install the Left side radiator shroud using the OEM bolts. (Like picture 10)

Picture 10



*The replacement Oil Filter for this Oil Cooling System is: 140.001.
The replacement O-ring set for this Oil Cooling System is: 160.502.*