



Step 1:

Remove the coolant. Remove the right 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 right radiator (pictures 1, 2 and 3).

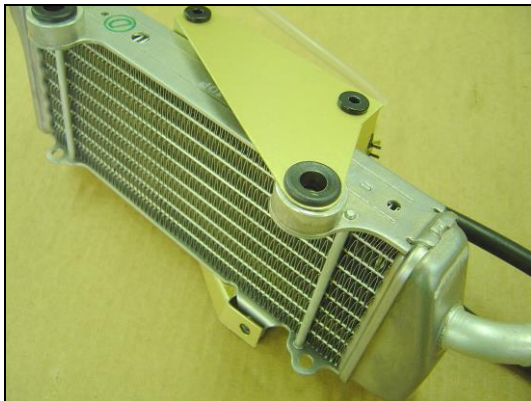
Picture 1



Picture 2



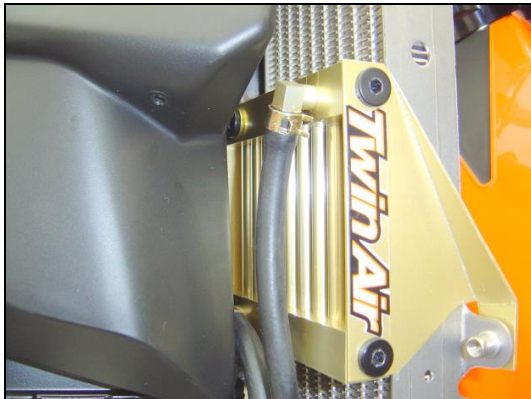
Picture 3



Step 3:

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

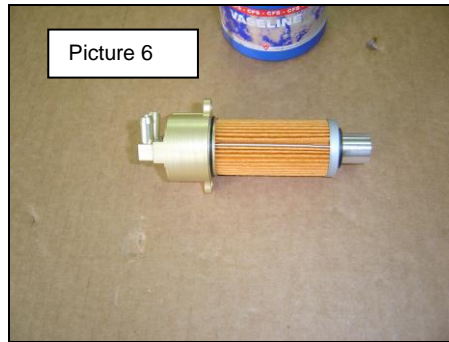
Picture 4





Step 4:

Install the center tube through the smallest hole of the oil-filter, install the o-rings and assembly it on the oil filter cap. (picture 5) Install the complete oil filter/cap unit on the engine. (picture 6)



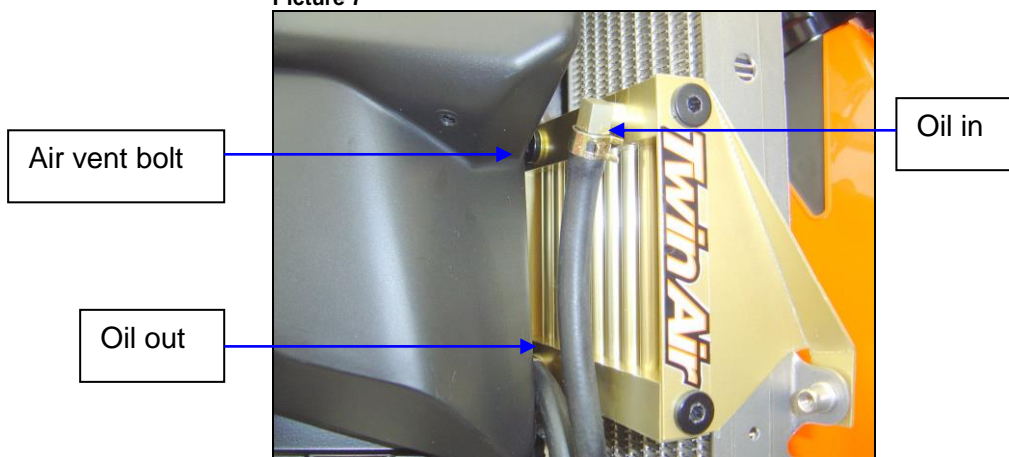
Step 5:

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

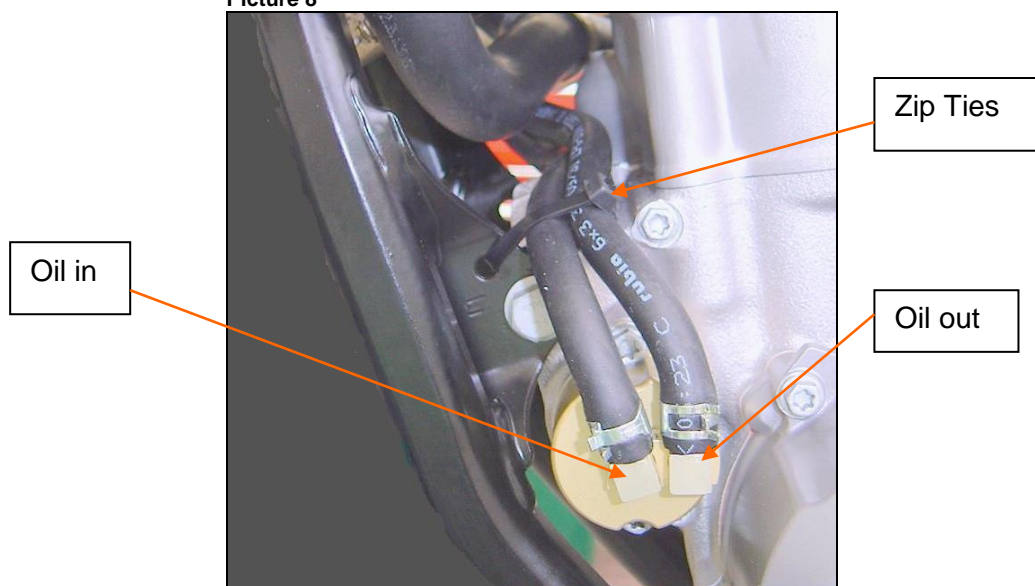
*Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length).*

*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

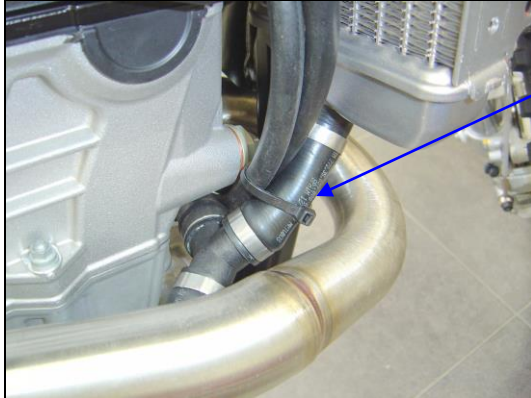




Step 6:

Use two nylon zip ties to attach the oil-hoses to the frame (picture 8 and 9)

Picture 9



Zip Ties

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:

Before reinstalling the right side radiator shroud using the OEM bolts, you will have to cut out the black mark on the shroud as in Picture 10 and 11.

Picture 10



Picture 11



The replacement Oil Filter for this Oil Cooling System is: 140.119.