



Step 1:

Remove the coolant. Remove the right side radiator shroud, the bolts at the front of the radiator, and the oil filter cap.

Step 2:

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

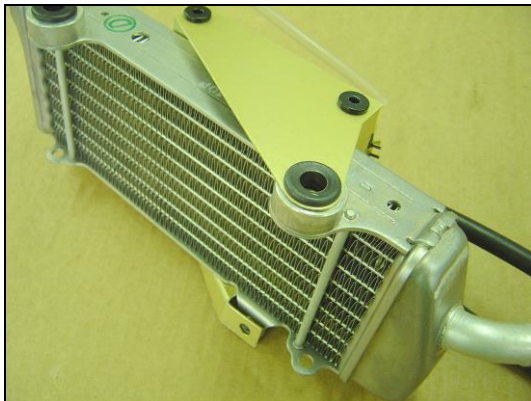
Picture 1



Picture 2



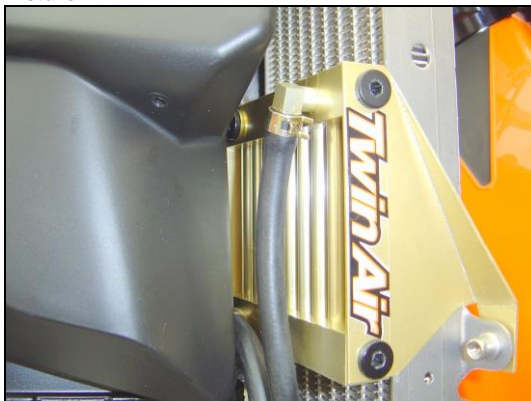
Picture3



Step 3:

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

Picture 4

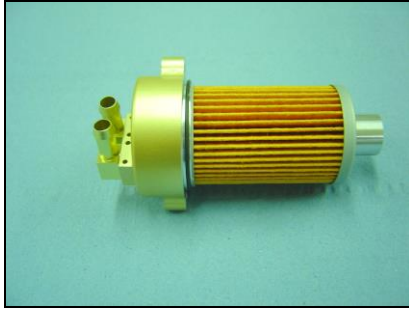




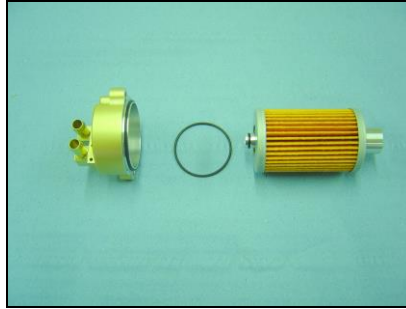
Step 4:

Install the center tube through the smallest hole of the oil filter, install the o-rings, and assemble it on the oil filter cap. Put some grease on the o-ring on the inside of the cap to ensure the o-ring sticks to the cap. (picture 5 and 6)

Picture 5



Picture 6



Step 5:

Before installing the oil cooler cap assembly into the engine, install the o-ring into the engine. (picture 7)

Picture 7



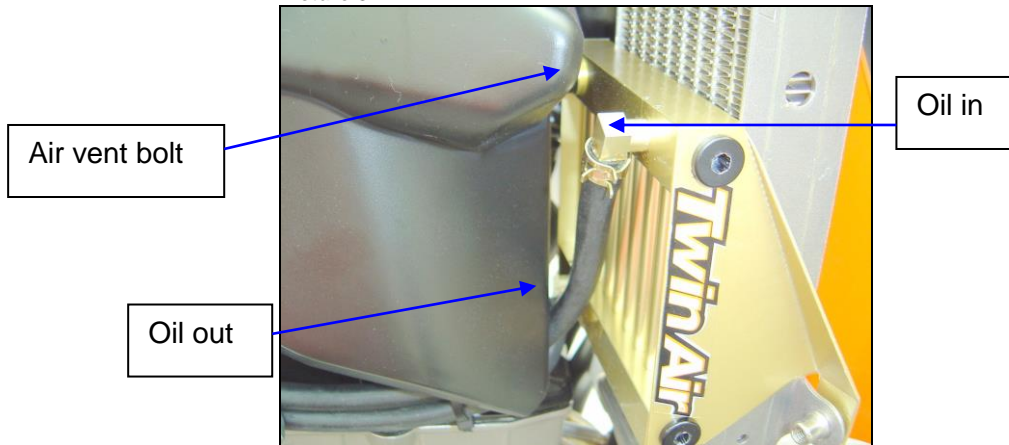
Step 6:

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

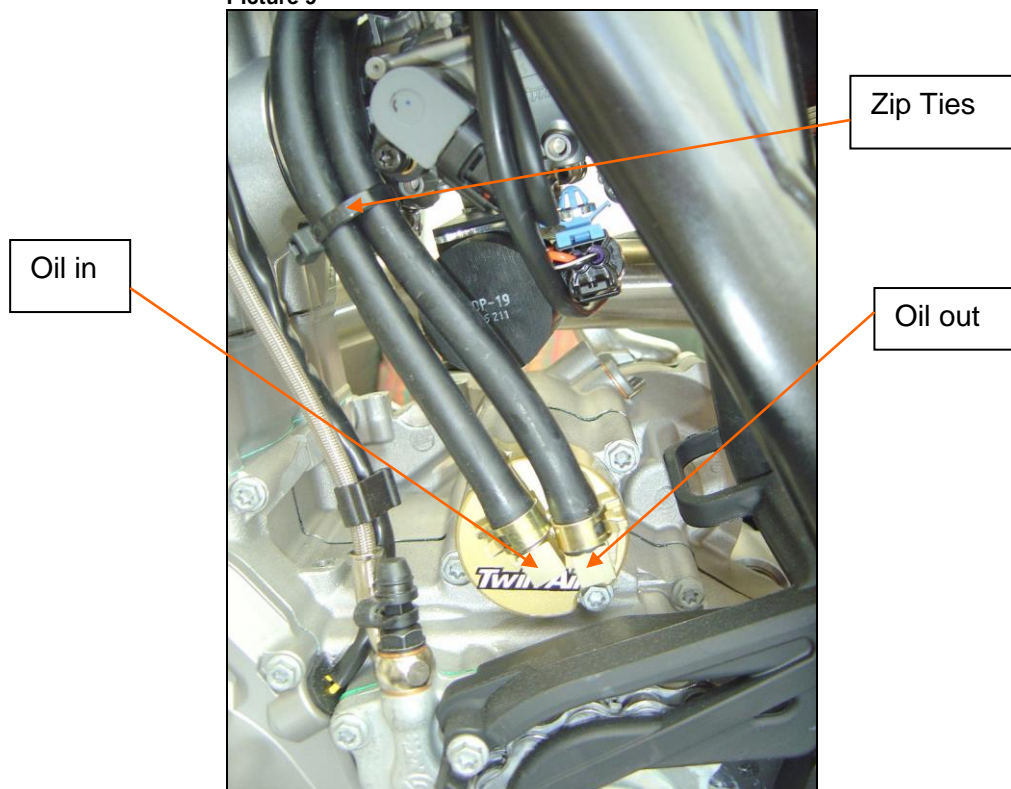
Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length).

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

Picture 8



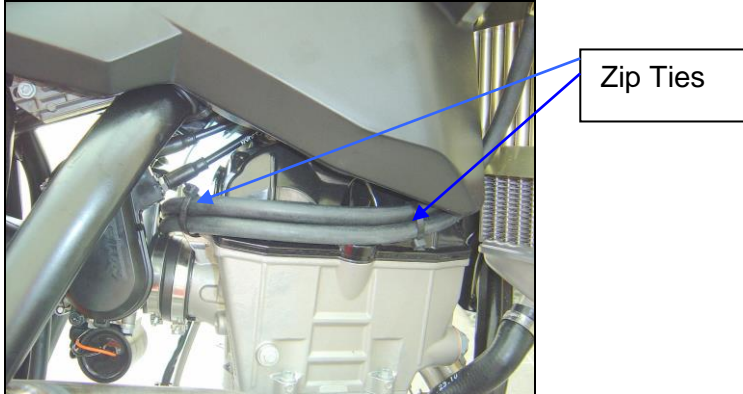
Picture 9



Step 7:

Use two nylon zip ties to attach the oil-hoses to the frame (picture 9 and 10)

Picture 10

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

Step 10:

Before reinstalling the right side radiator shroud using the OEM bolts, you will have to cut out the black mark on the shroud. (Picture 11 and 12)

Picture 11



Picture 12



*The replacement Oil Filter for this Oil Cooling System is: 140.119.
The replacement O-ring set for this Oil Cooling System is: 160.506*