



Oil Cooler Installation Instruction

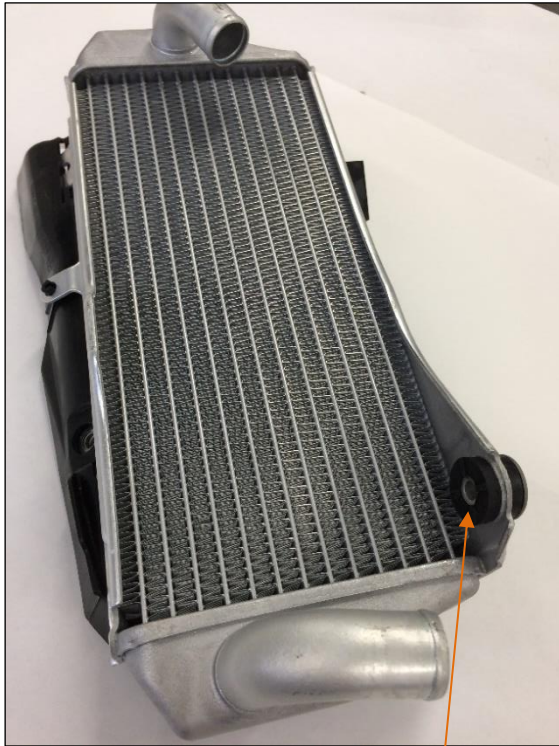
**Step 1:**

Remove coolant from bike and remove left side radiator including bolts on both sides of the radiator. Also remove the oil filter cap.

**Step 2:**

Remove the rubber part from the radiator (picture 1, 2, 3) and cut the rubber part in two pieces as shown on picture 2 and 3.

Picture 1

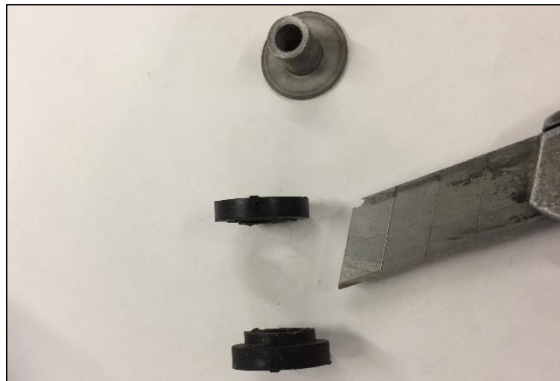


Rubber part

Picture 2



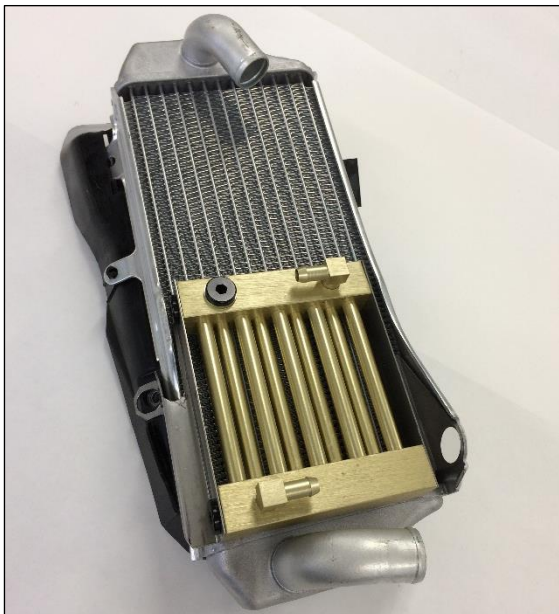
Picture 3



**Step 3:**

Install the oil-cooler at the bottom portion of the left radiator as shown on Picture 4.

Picture 4





Step 4:

Install the supplied stud (short thread length) into the frame as shown on Picture 5.

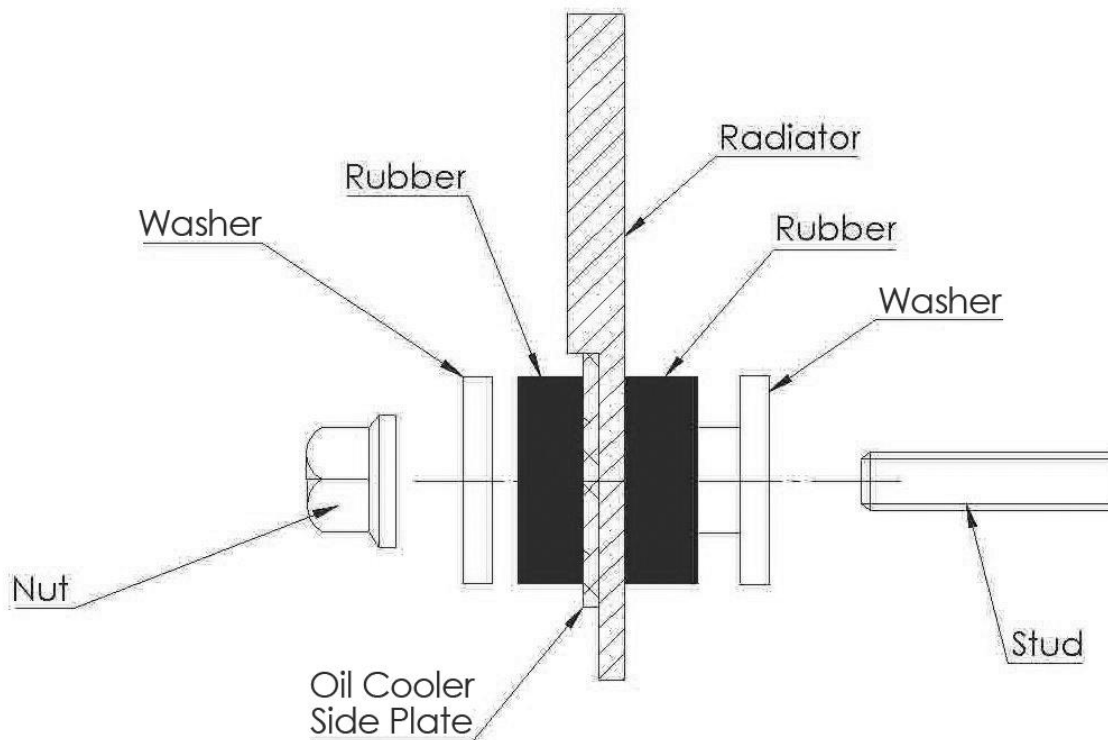
Picture 5



Step 5:

Install the Rubber part back to the radiator in order as shown in drawing (Picture 6). Use the supplied nut.

Picture 6





Step 6:

Assemble the oil-cooler and radiator back onto the frame (picture 7).

Step 7:

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

Step 8:

Install the oil filter cap on the engine.

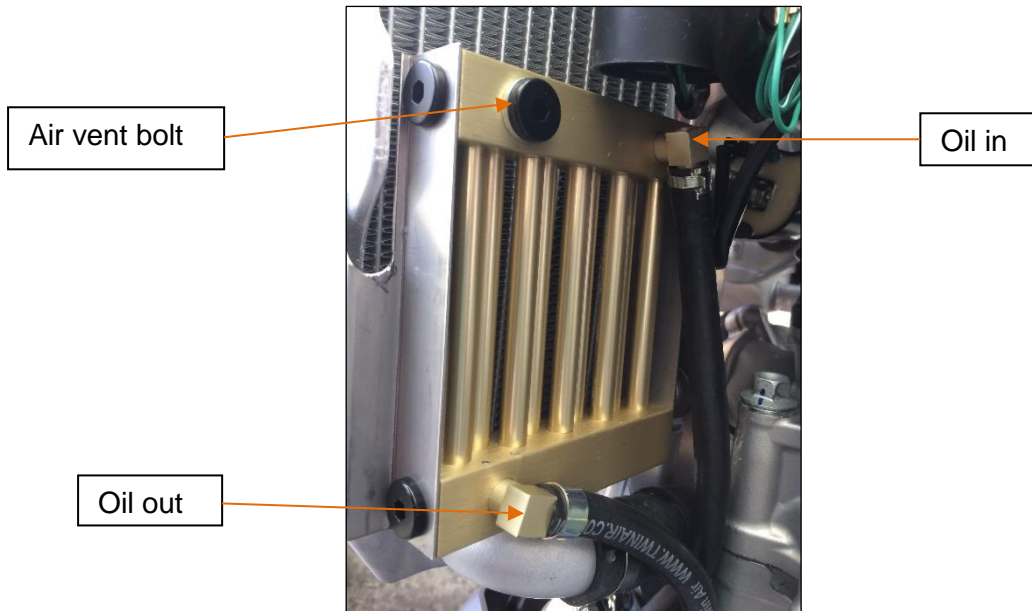
Step 9:

Install the oil cooler hoses (using zip-ties) like the assembly diagram (picture 7 and 8)

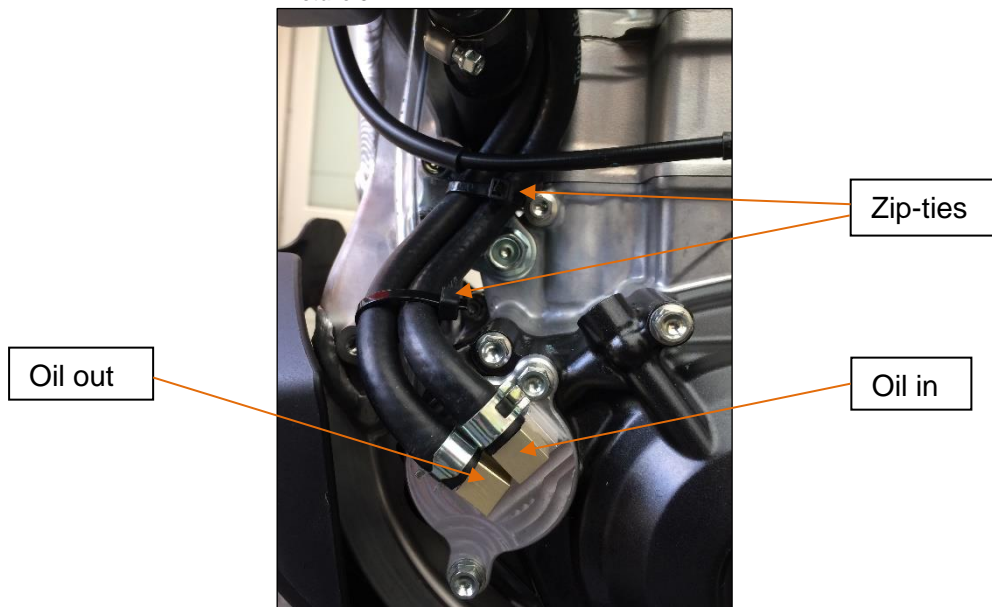
*Hose 1 connects oil-out from the filter cap to oil-in on the radiator (cut the hose to the length).*

*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 10:

Install the skid plate back in its original position as shown on picture 9.

Picture 9



Picture 10



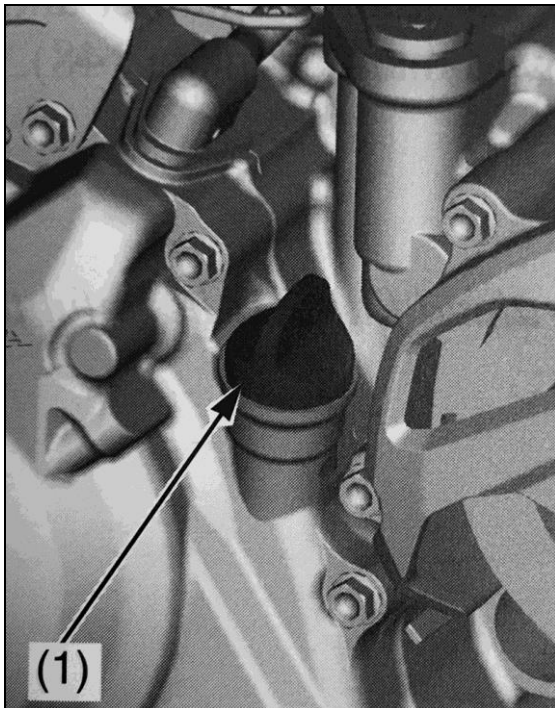
Step 11:

Re-install the left radiator shroud using the OEM bolts as shown on Picture 10.

Step 12: Checking & Adding Oil

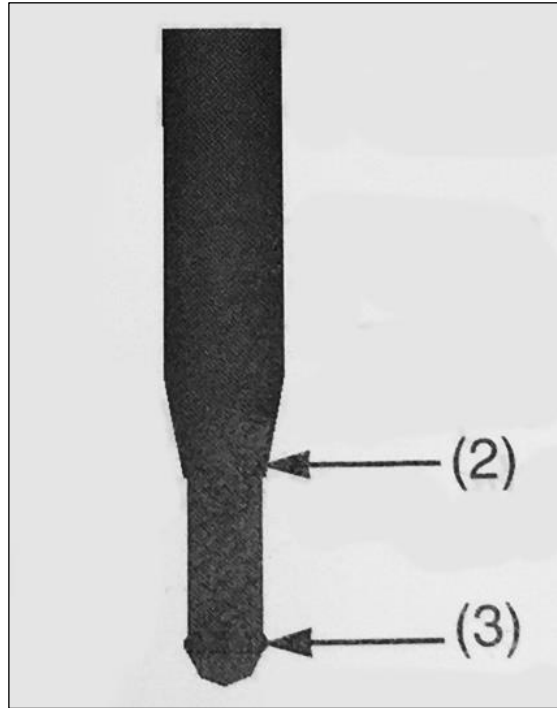
- Run the engine at idle for 3 minutes, then shut it off.
- Wait 3 minutes after shutting off the engine to allow the oil to properly distribute itself in the engine and oil cooling system.
- Support the CRF in an upright position on a level surface.
- Remove the engine oil fill cap/dipstick (Picture 11-(1)) from the left crankcase cover, wipe it clean, and insert it without screwing it in. Remove the oil fill cap/dipstick.
- Check (as shown on Picture 12) that the oil level is between the upper (2) and lower (3) level marks on the engine oil fill cap/dipstick.
- If the oil is at or near the upper level mark, you do not have to add oil.
- If the oil is below or near the lower level mark, add the recommended oil until it reaches the upper level mark. (Do not overfill.)
- Reinstall the engine oil fill cap/dipstick.
- Repeat above steps.

Picture 11



(1) engine oil fill cap/dipstick

Picture 12

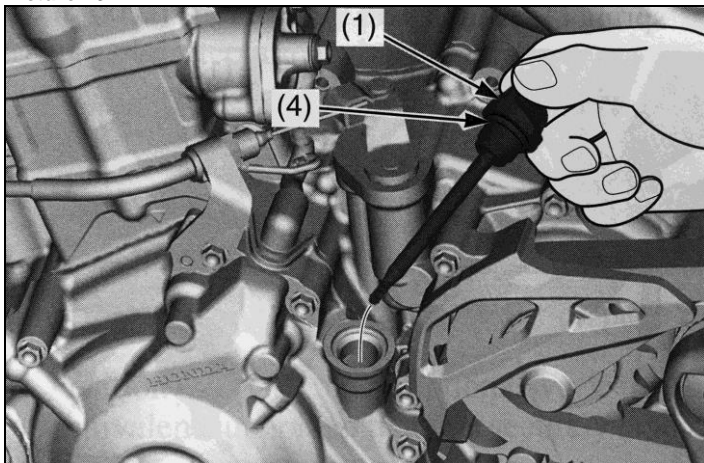


(2) upper level mark  
(3) lower level mark

Step 13: O-ring check

- Check that the O-ring (Picture 13-(4)) is in good condition and replace it if necessary.
- Reinstall the engine oil fill cap/dipstick (Picture 13-(1)).

Picture 13



(1) engine oil fill cap/dipstick  
(4) O-ring

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