



Step 1

Remove your old tank and tank shrouds completely, keep the original seat hook and tank strap hook, the metal bracket on the back of the tank that bolts to the air box, and the tank strap, along with all the bolts, and the original fuel pump and all components that come off of the fuel pump.

Get all the tools you will need

10mm and 8 mm socket and ratchets to go with them (or the same size in T-handle wrenches).

10 mm wrench or T-handle wrench

3mm Allen Wrench

Phillips head screw driver

Extensions if needed.



Step 2

Install the original fuel pump on your new IMS tank with the fuel outlet hose facing the front of your new IMS tank.

To correctly install the fuel pump you need to (in this order) place the O-Ring that comes with your Kit on the tank, then the pump, the stock metal flange, the spacer washers from the kit, the collars, the stock washers, then the bolts. Tighten all bolts but do not over tighten.



Step 3

Take your pre-assembled CR-2000 bracket and place the stock washer on the top of the CR-2000 bracket so that if you are looking at the washer you should see the CR-2000 lettering. (See Picture)



Step 4

Bolt the CR-2000 bracket on to the stock fuel tank front mount location on the frame.



Step 5

At this point the shroud hook should be hooked onto the frame.



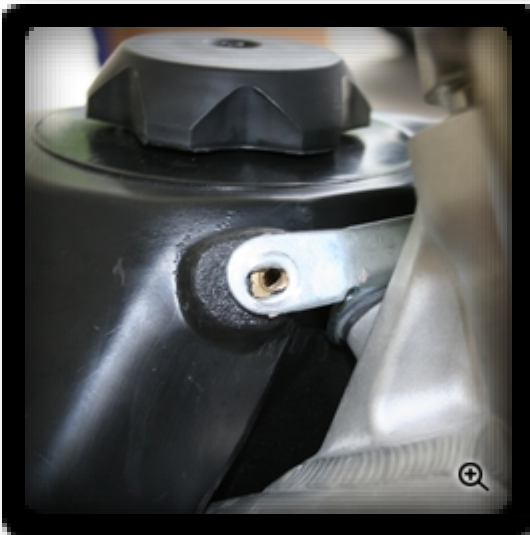
Step 6

Connect the fuel injector hose to the fuel pump and install the tank, this is accomplished by simply dropping the tank in between the frame rails. At this point you can place the shrouds on to the tank (but not bolted on yet) with the shroud frame hook over the frame and the rear of the tank shrouds inserted into the rear body plastics.



Step 7

Make sure that the CR-2000 bracket is lined up with the insert mounting points on the front of the tank.



Step 8

The inserts should be visible looking from the front of the bike. There might be some slightly lifting of the tank or moving to make it line up but not more than a few millimeters. If large amounts of movement are required or if the bracket does not line up flush with the insert mounting points you may need to remove the tank and readjust the CR-2000 bracket.



Step 9

Insert and tighten the bolts holding the CR-2000 bracket to the tank. These bolts should be tight but be careful not to over tighten and spin the insert or to cross thread the insert.



Step 10

Insert the seat hook and tank strap hook onto your new IMS tank.



Step 11

Place the metal tank bracket back onto the frame and air box so that all the bolt holes line up with the holes in the metal bracket.



Step 12

Insert and tighten the four bolts that hold the tank bracket in place. Be careful with the bottom two bolts they are going into plastic threads so don't over tighten the bolts since it will strip the threads.



Step 13

Install the tank strap onto the bottom tank strap hook on your new IMS tank.



Step 14

Align the tank shroud plastics in the back with the body shrouds so that there is as small a gap as possible. It may not be as tight as stock due to the increase in size of the tank.



Step 15

Align the tank shrouds so that the insert holes line up with the tank inserts, also making sure the shroud frame hooks are still hooked onto the frame and that the alignment of the tank shrouds and the rear body plastics remains as tight as possible.



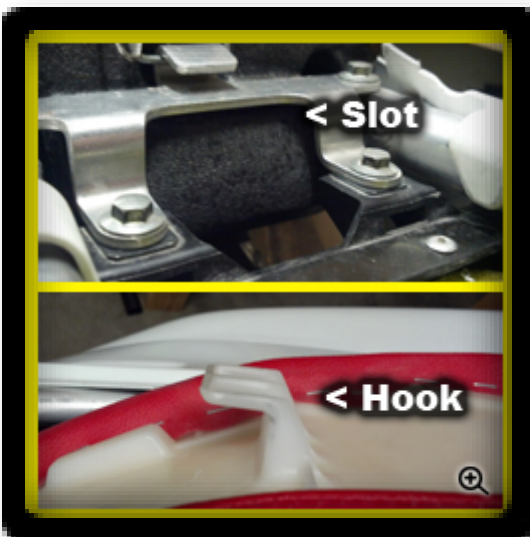
Step 16

Tighten the top tank shroud bolt first, then the rear tank shroud bolt, then the radiator bolt. This will require the radiator to move backwards this is completely normal and expected. Do not over tighten as this can cause a spun insert or strip the insert. Be careful not to cross thread the insert as well.



Step 17

Install the seat by pushing down on the front of the seat so that the seat hook slot of the seat slides over the seat hook on the tank.



Step 18

When installing the seat there is a hook in the middle of the seat that slides between the metal tank bracket at the rear of the tank and the tank itself. The best procedure is to push down on the middle of the seat while installing it. It will require some pressure to get the seat to slide forward. The hook must go between the metal bracket and the tank.



Step 19

Align the back of the seat bolt locations with the holes in the plastics. You should be able to look directly through the body plastics and through the seat bolt locations and see the threads on the sub frame.



Step 20

Install the seat bolts, tighten them.



Step 21

Install the IMS cap and vent line.



Step 22

Fill up your tank and check for leaks and any fitment issues. If everything checks out go out and enjoy your longer ride.