

Fuel pump removal & installation

This fuel tank doesn't come with rust prevent coating neither inside or out side for custom installation. We recommend to perform the test fitting, nessesary fabrication, rust cleaning and rust prevention coating/sealing for inside before installation.

*It is recommended to replace the Fuel Pump Gasket with a new one (OE# 75301-07)

1, Prepare the motorcycle with ignition off, disconnect the battery (diconnect the negative cable first to avoid accidental spark) or remove the main fuse.

2, Remove the seat then securely lift up the motorcycle, disconnect the quick release of the fuel line and disconnect fuel pump connector.

Even with the fuel tank completely drained, a small amount of gasoline may leak when the fuel line is loosened or removed. Thoroughly wipe up any spilled fuel immediately and dispose of rags in a suitable manner. Gasoline can be extremely flammable and highly explosive. Inadequate safety pre-cautions may result in death or serious injury.

3, Disconnect vent line (the small rubber hose). Drain the fuel.

4, For models with a dash panel, remove all instruments and wires

5, Remove mounting screws, washers, and nuts. Remove the tank from the motorcycle.



6, Remove all screws and slightly lift up the fuel pump assembly off the tank.



7 The yellow fuel filter is longer in the overall length than the the fuel tank opening. The filter is fragile handle it very carefully.



8, Proceed with extra caution and try pulling it out in different angles so the filter does not break with hitting the edge of the fuel tank opening.



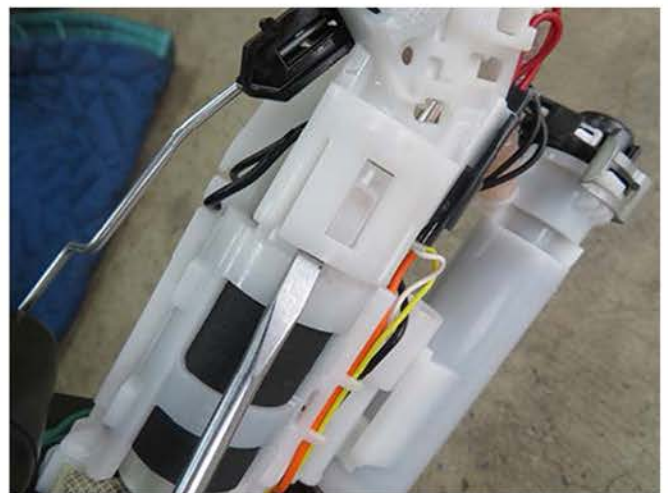
9, Be sure that the yellow gas filter is completely exposed, then carefully pull out the rest of the fuel pump assembly.



10, Carefully pull out the float by turning the unit to avoid getting the float stuck or bending the arm.



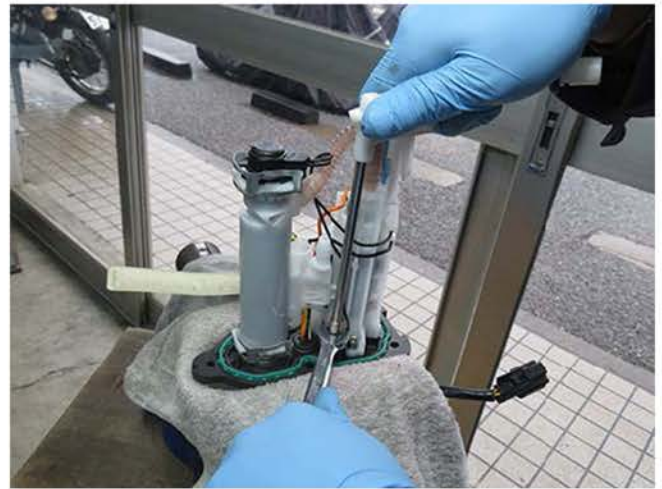
11, Once fuel pump assembly is completely out of the fuel tank, remove the fuel level sensor.



12, Use a flat head screw driver to release the lock tab to remove the fuel level sensor part.



13, Slide out the fuel level sensor



14, Secure the fuel pump assy on a vise and hold the plastic part of the vent tube then loosen the nut on the bottom with 7/16 open end wrench.



15, When the vent tube is loosened about half way, release the lock tab on the top plastic part with a flat head screw driver.



16, Loosen the vent tube all the way to remove off the assembly.
*This part will not be re-used with the new fuel tank.



17, Install the O-ring onto the 3/8" Allen head bolt that come in this kit.
*Apply some sealant onto the bolt thread in order to prevent gasoline leakage.



18, Install the Allen head bolt into the screw hole where the vent tube was originally located.



15, Re-install the fuel level sensor onto the fuel pump assembly and install the entire fuel pump assembly into the new fuel tank in the reverse sequence. Install and tighten all bolts with blue Loctide (medium strength threadlocker) – start with the rear then the front.

*We recommend to replace the fuel pump gasket (OE# 75301-07)



16, Connect the fuel hose (included in the kit) onto the vent tab that is located on the bottom rear on the left side of the new fuel tank, as the new tank disables the stock ventilation system.

Connect the battery and install the seat.
Add fuel to the gas tank and check connections for potential leaks.
Check for leaks prior and after a test ride.