

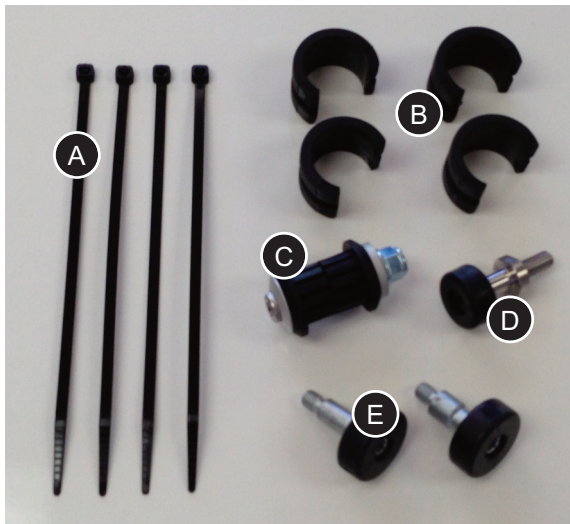


Please Read Carefully

Prior to Installation

- Use caution and always wear eye protection.
- Avoid skin contact with fuels and oils.
- Always thoroughly inspect for leaks prior to operating your motorcycle.
- If you don't feel confident installing this product, please seek professional assistance.

Caution! - Remember to perform this installation in a well ventilated area. Gasoline fumes can be harmful in concentrated doses. Do not attempt this installation around any open flames or potential ignition sources.



What's Included in your kit:

- A) 4 x Plastic Zip Ties
- B) 4 x Frame Supports
- C) 1 x Rear Mount with Allen Head Bolt
- D) 1 x HD Stainless Steel Front Mount
- E) 2 x Side Support Mounts
- F) 4 feet of Gates Low-Loss FI hose

Installation Instructions

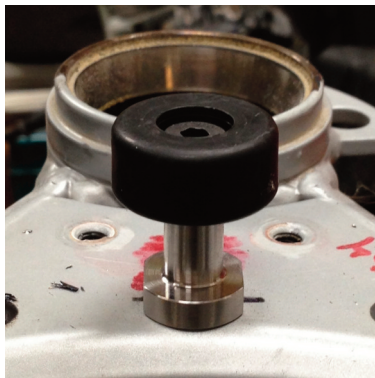
Carefully drain your stock gas tank - Any remaining fuel from your gas tank should be drained into a suitable container. Once drained, remove the original tank from the motorcycle. Remove the existing fuel taps, fuel level sending unit and fuel pump.

Installing your tank mounts

Install the Heavy-Duty Front Mount



Thread the new Heavy-Duty front mount into the original front mounting hole. Torque to 18 ft-lbs (25 Nm).



SPECIAL NOTE



For SM950's -

If you're installing this tank on a KTM SM950, you can use your original front mount. If you wish to use our HD mount, you can do so by drilling out the original frame nut to accept our larger bolt. Use the provide lock-nut to hold the new mount in place.



Install the Frame Support Mounts

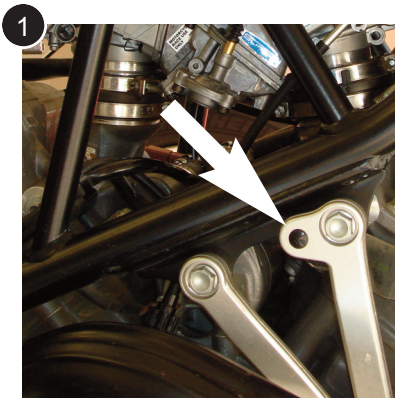
Install 2 of the rubber frame support mounts, locating them just in front of the original gas tank side panel mounts, located towards the rear of the top frame tubes. Use the provided Zip-Ties to secure them firmly in place.

Install the remaining 2 rubber frame support mounts, locating them towards the front of the top frame tubes, leaving approximately 12" between the front and rear support mounts.



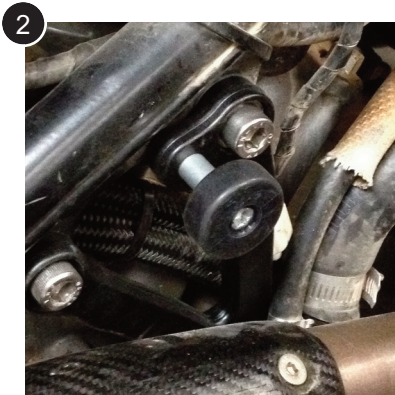
When tightening the Zip-Ties, use caution to locate the Zip-Tie "latch" away from the gas tank, as time and vibration can cause the Zip-Tie "latch" to wear a hole in the gas tank wall. Carefully trim the excess Zip-Ties as needed.

Installing your tank mounts



Install the Side Support Mounts

With a small flat-blade screwdriver, carefully remove the black plastic plugs located on the upper portion of the engine mounts (see arrow in photo 1). This will expose threads used to attach the side support mounts.



Install each of the side support mounts using a T-40 Torx wrench (photo 2). Torque to 18 ft-lbs (25 Nm). We recommend using a drop of Loctite 243 thread locker on these mounts as they have a tendency to loosen over time.

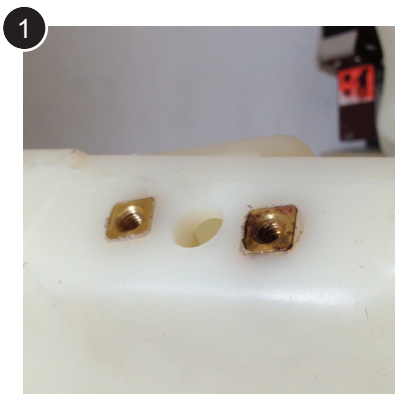
Assembling the Tank

Installing the Fuel Taps

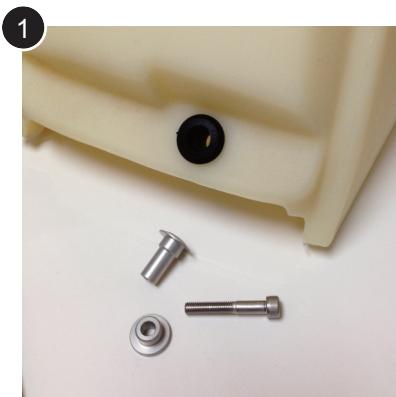
Inspect the original fuel tap seals. If they show any signs of wear or damage, replace them with original KTM seals. Inspect the tap mounting surface for burrs or debris. Clean if necessary (photo 1).

If you're installing PowerCell Quick-Connect taps (photo 2), install them with the release latch facing inward to prevent someone from accidentally pushing the release button while servicing or moving the bike around.

Install the tap mounting screws and torque to 53 in-lbs (5 Nm).



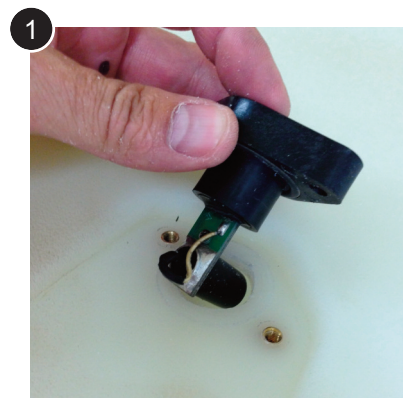
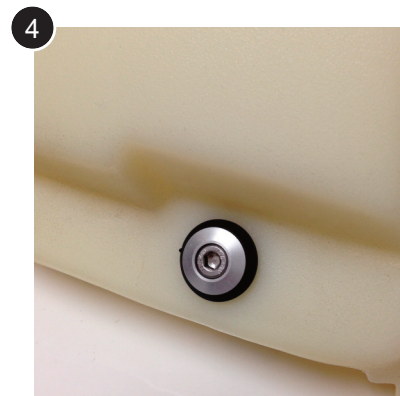
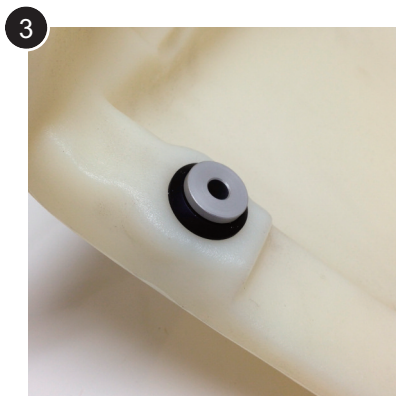
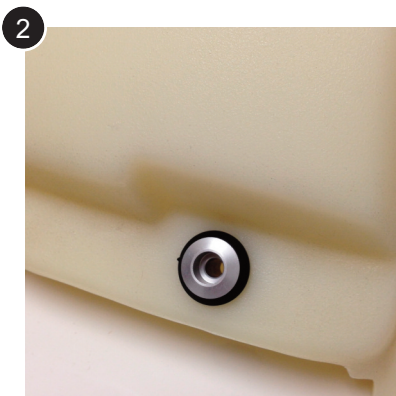
Assembling the Tank



Installing the Rear Mount

Insert the 2 rubber bushings in the rear mounting hole of your new gas tank (photo 1).

Now insert the 2 aluminum bushings inside the rubber bushings, with the long aluminum bushing installing from the top (photo 2), and the shorter one installing from underneath (photo 3).



Installing the Fuel Level Sender

Carefully inspect the mounting surface of the fuel level sender for knicks or debris. Clean if necessary.

Inspect the o-ring of the sender, looking for any signs of damage or distortion. If the seal requires replacement, use an original KTM o-ring.

Now carefully insert the sender with the black level sensor facing upwards (photo 1). Use caution not to snag or damage the sensor wire while inserting the sender into the tank.



Install the 2 mounting screws, torquing them to 26 in-lbs (3 Nm) (photo 2).

Assembling the Tank

Installing the Fuel Pump, Seat Mount and Cap Adaptor

Install the fuel pump on to the new tank. Torque the fuel pump mounting screws to 53 in-lbs (5 Nm).

Remove the Truss screw from the top of the old gas tank that held the front of the seat down. Re-install it on the new gas tank, using Loctite 243 to prevent loss.

Install the fuel cap adaptor using the 9 x 5mm Allen screws provided. Your kit includes a Viton flange gasket that mounts between the cap adaptor and the fuel tank. Do not over tighten these screws, using just enough force to slightly compress the Viton gasket.



Installing the Tank

Set the new tank in place, and carefully connect both the fuel sender and fuel pump wire leads.

Install the new tank by inserting the “nose” of the tank into the front mount, carefully pushing the rear of the tank downward until firmly seated onto the frame. Check that the 2 lower side supports are seated into their respective slots inside the side panels of the new tank. You may need to wiggle the tank slightly while pushing it forward in order to get the front mount to slide fully into place, and the rear bolt hole to align properly. The rear mounting bolt should align easily without force. Torque the rear mounting bolt to 18 ft-lbs (25Nm).

Install new fuel lines and cut to length as required. Attach your gas cap vent hose to the new cap.

Carefully inspect for fuel leakage. Add fuel and allow the tank to stand for several hours, inspecting for leakage around the level sensor and fuel taps. Each tank is carefully tested for leaks prior to shipment, but regular inspections before each ride are recommended. Never ride a bike that show signs of fuel leakage.

Enjoy Your New PowerCell Performance Gas Tank!