



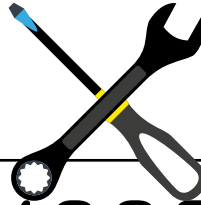
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## INSTRUCTIONS



Filter: M04006 + GOZILLA  
+ Out-of-Tank Filter

**KTM 1190 -1050 -1090-1290**



### STEP 1: INSTALLATION M04006 NECK FILTER

1

Ensure fuel level is below 1/4 for ease of installation of both the neck filter and the Godzilla in-tank filter.

Remove all the plastic surrounding the tank. Remove six bolts surrounding the filler cap and lift the filler cap off the fuel tank.



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## +Godzilla+Out of Tank Filter



2

The Guglatech neck filter provides your first line of defense against particulate and water contamination.

Fold the filter into three folds, long ways, and insert the filter through the neck of the fuel tank, facing the rear part of the bike. Seat the plastic ring at the neck of the filter into the neck of the fuel tank.

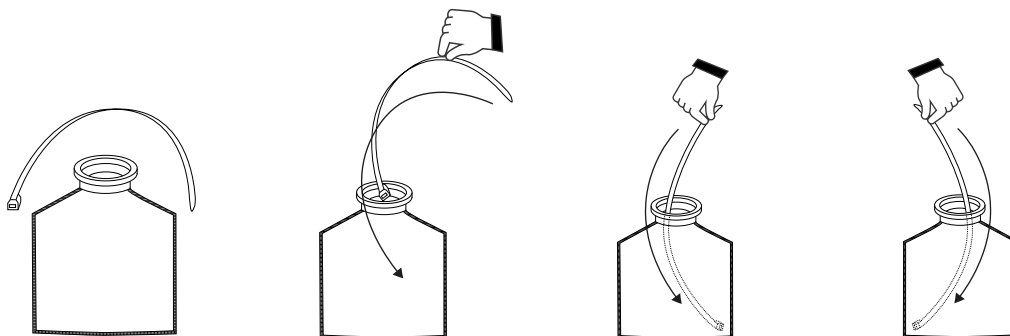


3

Insert the large end of the supplied zip tie into the fuel tank, inside the filter, and use it to gently expand the filter. Expanding the filter properly will allow faster fuel filtration.



Check also our Green Boy Trick:



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Although Guglatech Neck Fuel Filters for motorcycles are the most advanced in the world, unfortunately, some tanks are better shaped than the others.

And it is NOT the case with the KTM LC8 1050, 1090, 1190, 1290. Even if the M04006 fuel filter is really advanced, but the position in the tank leads to a slow refueling.

The Green Boy Trick is ideal solution in such situations.



5

This trick will help the filter to stay always open and flat. Even if it leans on the floor, the filter will remain in the same position.

Take a cable tie included in the parcel, modify it, following the instructions below and then place it inside the filter:

- Use the whole length of the provided cable tie,
- Bend it at 220 mm and again at 220mm in order to obtain a triangle, like on the photos below:



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Now, insert the Green Boy Trick shaped as a triangle inside the filter in order to achieve this position.



7

The neck filter will reduce speed of refueling, and caution should be exercised with high flow petrol pumps. However, proper expansion of the filter will improve the flow rate, specially thanks to Green Boy Trick.



8

Replace the filler cap and fasten the six bolts to the torque specified in your motorcycle workshop manual. As these bolts fasten into the plastic tank. Care should be taken to avoid overtightening. Loctite or similar products should not be used.





## STEP 2: INSTALLATION

### GODZILLA+ OUT OF TANK FILTER

9

Make sure that the tank is empty. Then remove the four bolts at the bottom of the fuel pump housing.



10

Place a container to catch any fuel spillage and pull the fuel pump out. Take care not to damage the o-ring when removing the fuel pump.



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Detach the ground wire from the fuel pump. Hopefully you will find that the screw is not too tight and can be removed easily and without damage, unlike this one on the photo above.

12



As this is a known problem, however, Guglatech has provided a replacement hex head screw, which you will find together in the package.

13



Once the fuel pump is completely removed from the tank, remove the plastic head of the fuel pump. There are two plastic tabs which need to be depressed before the plastic head can be gently removed.

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The OEM paper filter is located inside the plastic head. Use a small flat head screw driver to gently depress the plastic tabs shown in order to remove the lower half of the plastic unit and expose the paper filter.

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The Fuel System NEEDS A MAIN FILTER, either you will wash and re-use the paper original one, or you MUST INSTALL an In-Line Out of Tank Fuel filter. If you install the latter, the paper filter will be disposed of system. Remove and discard the OEM filter.

16



Remove and discard the spring which holds in place the OEM paper filter. The mini o-ring in the filter can be used as a replacement for the fuel quickdisconnect.

17



Remove the two screws which hold the fuel pump into the base of the fuel pump housing. Lift off the lower white plastic housing.

18



Lift the fuel pump out of the dark plastic base. The OEM filter is press fitted onto the base of the pump; remove and discard the OEM filter.

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Guglatech's Godzillafilter is significantly larger than the OEM filter to improve flow and filtration.





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ATTENTION: The new Godzilla filter is shipped with a small plastic plug in the neck of the filter. Remove this plug before installation!

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Ensure that the Godzilla filter is aligned parallel to the fuel pump so that the filter will fit easily back inside the housing. You may need to rotate the plastic filter neck so that the filter body is positioned correctly, following the red arrow designed on the Godzilla neck.

21



Press the plastic filter neck of the Godzilla filter onto the intake at the base of the fuel pump.

23



Replace the lower white plastic housing, taking care not to pinch the filter media or electrical wires. Reassemble the upper parts of the plastic housing, attach the ground wire and reinstall the fuel pump.



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While closing back the upper part, install, always with a drop of engine fresh oil, the provided new o-ring. Close it properly paying attention to check many times the correct position both of the two halves and of the assembly on top of the fuel pump itself.

25



Failing to do so, if the assembly is not correctly repositioned, it will eventually pop open again due to fuel pressure. Install the provided large cable tie to push down the two metal lips and hold the whole assembly into position.

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This is a correctly installed and positioned cable tie, holding down the metal clips. All parts clicked together (while closing you must hear 'the click').

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There are only two available correct positions for the compulsory in-line put of tank fuel filter. IT MUST be positioned vertically to allow self bleeding. Once the tank is back in position you will not have a second chance to bleed the filter of the remaining trapped air. This will eventually lead to big problems. The standard provided fuel filter is perfectly positioned as in the two following pictures. Detach the hose from the Throttle Body and plug it in the "in" of the filter, cut the proper length from the provided hose and plug it to the "out" of the filter and on the TBs.

Close the provided stainless steel bracelets and secure the filter into position.

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We can provide without extra costs a larger unit to be mounted on the frame, easier to access and to change for servicing, as always position it vertical with the "out" on top.

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Once all parts are back in place, DO NOT switch the engine at once. Prime the system doing 5 times the std check, rotate the key, do the ignition check and switch off, with each action you may notice a different sound from the pump, sign that it is bleeding out the air, on the 6th turn of the key, start the engine. You're GOOD TO GO.

**ATTENTION: THE GUGLATECH NECK FILTER CAN BE DAMAGED BY ROUGH REFUELING OR OVER-INSERTION OF THE FUEL NOZZLE. GUGLATECH RECOMMENDS THAT YOU COMPLETE REFUELING YOURSELF TO AVOID DAMAGE TO THE ULTRA HIGH PERFORMANCE FILTRATION MEDIUM.**

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