



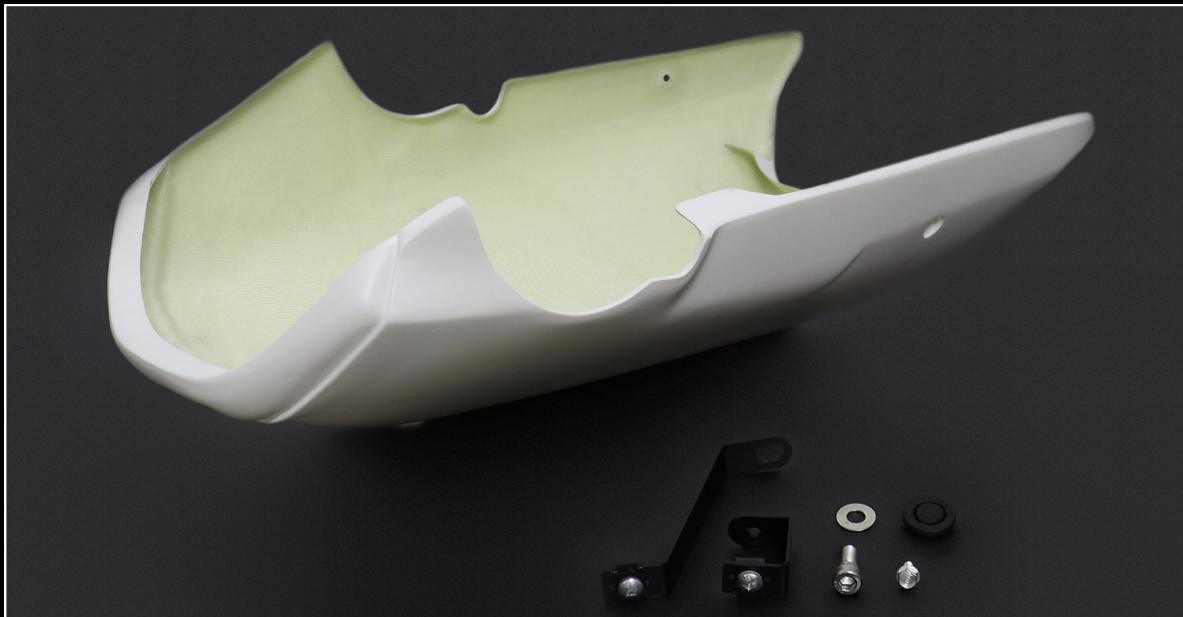
**MAKING YOUR DREAMS A REALITY**

## **FITTING INSTRUCTIONS**

**BPCL-9031 Belly Pan, Carbon, Race, KTM RC390 2022-onwards**

**BPFL-9031 Belly Pan, GRP, Race, KTM RC390 2022-onwards**

**BPFL-9031(BLACK) Belly Pan, GRP, Black, Race, KTM RC390 2022-onwards**



This fitting manual concerns fitting the race belly pan to the KTM RC390. This belly pan is compatible the OEM side and upper fairings and also the TYGA race cowling, and is primarily for race use. It must be used together with the EXPS-0160 Set, Pipe, Full Race System, WSS300, KTM RC390 2022-2025. It cannot be used with the OEM exhaust system. The belly pan can be used with both street shift or race shift gear change. For street shift you will need to reassemble the gear arm spacer and rod end to the inside. See section #5 for details. For race shift you will need to either modify or remove the sprocket cover. The belly pan set is complete with all mounting hardware



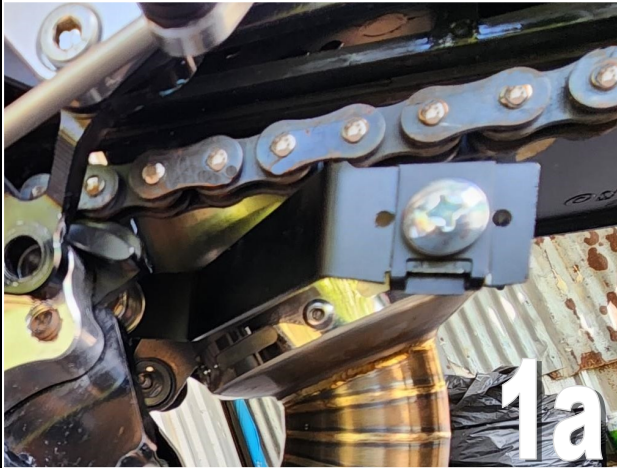
First plan is to prepare the bike ready for fitting the belly pan This basically involves fitting the EXPS-0160 exhaust system.

Please note that our bike has our TYGA step kit fitted, however, this belly pan can still be used with the OEM steps. The method for fitting the BPSY-0422L & R stays is a little different between these two setups, but I will explain that below.



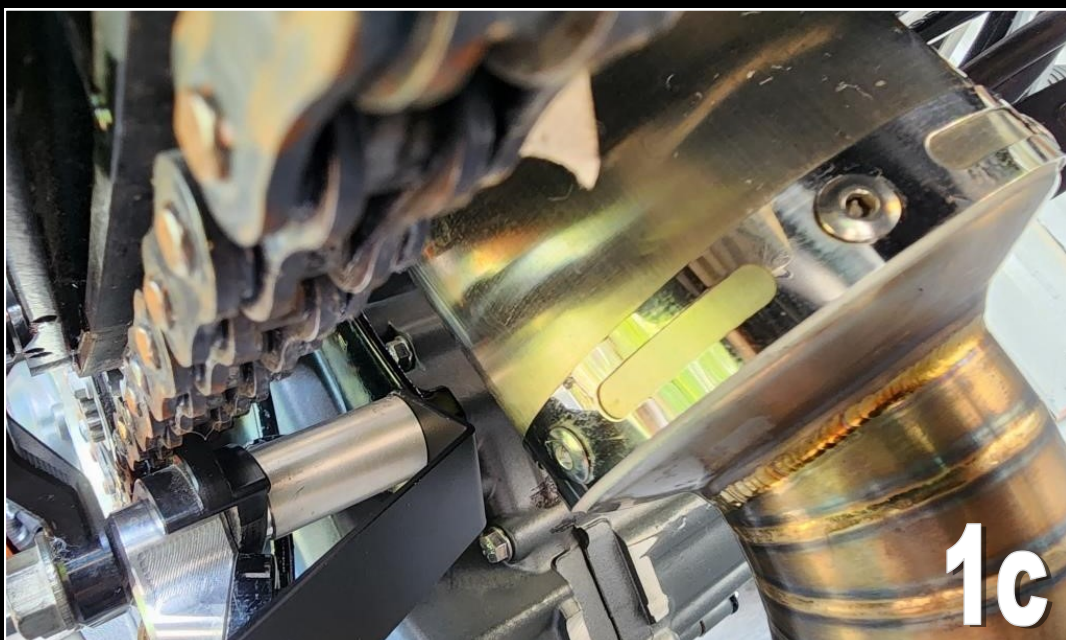
Now we can move onto fitting the belly pan.

**1)** First let's fit the BPSY-0422L stay. In the case of the OEM steps, you will see that there is a redundant M10 nut welded to the frame. We will use this to attach the stay using the M10x1.5 caphead bolt and washer supplied. This should only be done up finger tight as we'll likely need to adjust the position later when we finally fit the belly pan.

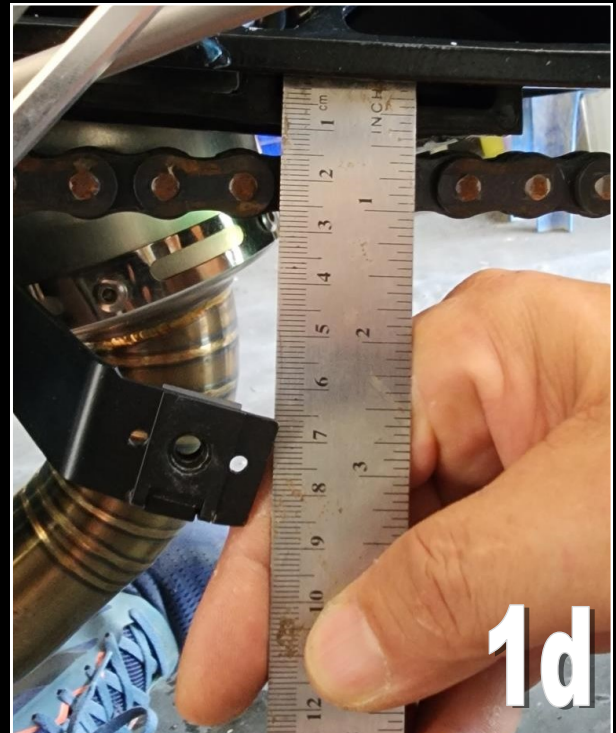


If TYGA steps are fitted, then things are a little different. On our step kit we use both of the M10 mounting positions on the frame, with the rearward mount using a bush between the chain slider and the frame. On step kits prior to February 2026, the rearward bush (STHB-0042 Tyga Step Kit Replacement Bush) will need to be shortened by 2mm to accommodate the BPSY-0422L stay. If you purchased your step kit after February 2026 then the assembly was updated to include this modification and now uses STHB-1042 Tyga Step Kit Replacement Bush (which is 2mm shorter and includes a spacer to take up the slack).

So you just need to slide the stay in between the bush and the frame. Note that this stay has some adjustability, so just nip up finger tight ready for adjustments later.



For reference, here is a rough starting position for the stay, measured from the swingarm.

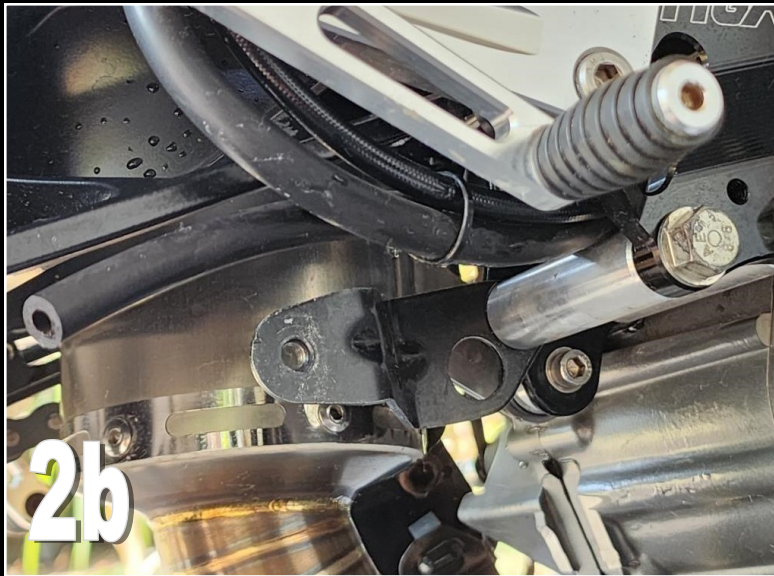


**2)** Now we can move to the right side. We'll again start with OEM steps.

Note that ordinarily, when fitting our WSS exhaust, we would not use this OEM stay, but for our belly pan it's a useful part. You'll need to swing it out rearwards as shown. Just nip up the original M10 bolt to keep the stay in place but allow some adjustment later.



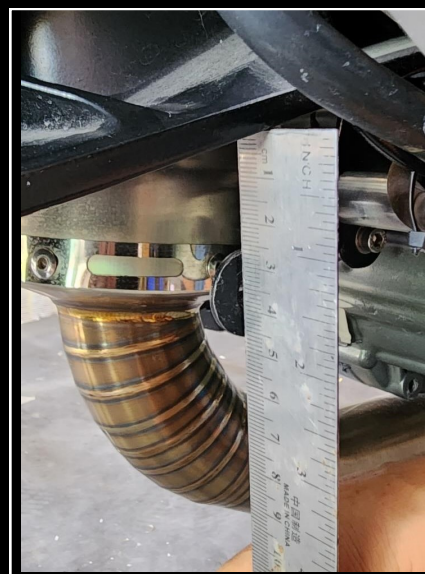
With TYGA steps, the rear bush on the right side is already designed with this stay in mind, so everything works fine. The OEM stay is sandwiched between the bush and frame in a similar fashion to the left side.



**3)** Now we can attach the BPSY-0422R stay. Nothing difficult here. Simply attach with the M6 bolt provided.



and another reference for the starting position



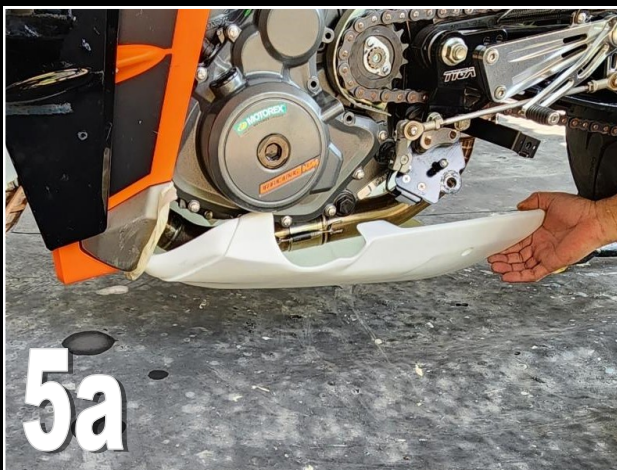
**4)** Now we are almost ready to offer the belly pan up, but first we need to do a little work to protect the belly pan from scratches. On the left side of the OEM cowl there's an aluminium pressing incorporated into the plastic cowl. KTM didn't deem it necessary to take off any sharp edges, so we need to be careful here to avoid unnecessary scratches on the new belly pan. We suggest first running a file or some sand paper over the edges, and then fitting a couple of layers of painter's tape over the edges, which we can then remove after fitting the belly pan.



**5)** Fitting the belly pan may seem a little tricky at first but it will make sense once you've fitted it once.

Position yourself on the left side of the bike, slide the cowl under the bike and then slip the front right 'corner' of the lower into the OEM plastic cowl. Now lift the left front 'corner' up and into position, but take note that you'll need to hold the cowl out just a bit to avoid scratching on the engine casing. Slow and sure is the answer here, and once it's close it will pop into position.

Give the belly pan a little wriggle to allow it to seat into a comfortable position, with the front edges sitting flush with the OEM plastic left and right.





The pictures show our bike with the TYGA step kit gear shifter in 'race shift'. Street shift is also possible by fitting the spacer and rod end to the inside of the gear arm as shown

Check that there is no interference with either the belly pan or the BPSY-0422L stay during operation.



**6)** Now is a good time to remove the tape that you put round the aluminium part of the OEM cowl.



**7)** Lift up the rear of the belly pan and install loosely to the left stay BPSY-0422L with the JTST-0615 screw and plastic washer. You left the stay a little loose earlier to allow some adjustability right?



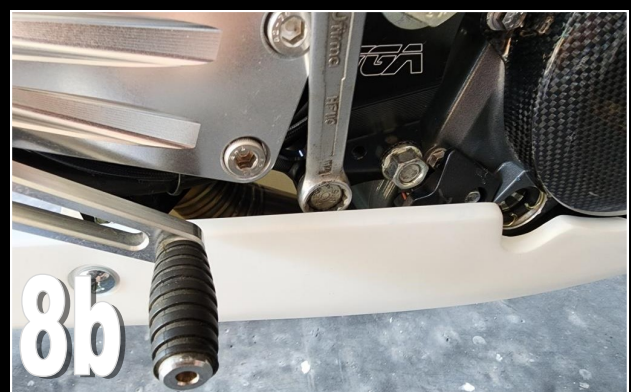
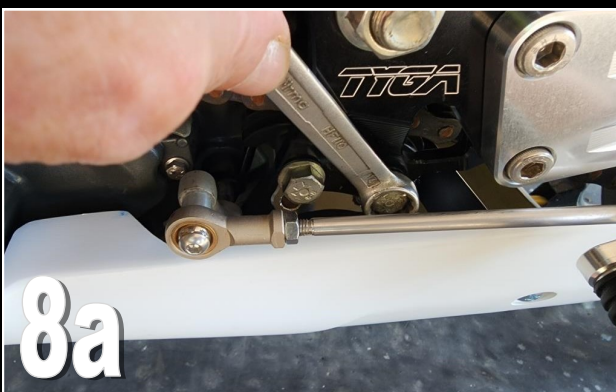
Give the belly pan a wriggle and push it forward so that the belly pan is snug against the OEM cowl at the front.



Once the left side is in position, go round to the right side and fit the JTST-0615 screw and plastic washer. Give it a push forward to snug up the front, like you did on the left side.



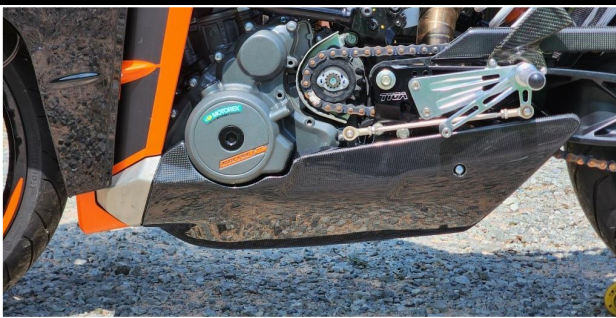
**8)** Once you are happy with the positioning, run round and tighten all the fasteners fully. M10 bolts, M6 bolt on right hand BPSY-0422R and finally the M6 screws.





9) Give it another quick look over and make any minor adjustments as necessary.

10) Done!



[www.tyga-performance.com](http://www.tyga-performance.com)