



MAKING YOUR DREAMS A REALITY

FITTING INSTRUCTIONS

BPFS-9431 Kit, Cowling Set, Race, Carbon, KTM RC390 2022-2026

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This fitting manual shows you how to fit the race cowling to the 2022-2026 KTM RC390. This cowling is for race use only, with no provisions for the headlight or turn signals, and can be used with either the EXPS-0160 Set, Pipe, Full Race System, WSS300, KTM RC390 2022-2025. Or the OEM exhaust system.

The TYGA race cowling is compatible with both the TYGA race or street belly pan sets.

The first job of course is to prepare the bike ready for fitting the cowling, which involves stripping the bike of the front bodywork, mirrors, headlight, turn signals and the associated street stuff.

Do not remove the radiator shroud as this is secured to the cowling like the original cowling.



1) The first job is to fit all the supplied M6 clips to the side cowls so that we can avoid any fiddling around trying to fit clips further down the line. There's a total of nine M6 clips. Six for the left side and three for the right side. Just push them onto the tabs and line up the holes.

2) Next, let's fit the BPSY-0427 spigots to the upper cowl. These will simply plug into the holes on the meter/ mirror stay and act as super quick fitting fasteners, allowing for fast bodywork removal when required at the race track.



3) Now is a good time to fit the screen. The set includes the necessary mounting hardware. The M5 well nuts fitted to four of the six mounting holes are particularly convenient and just push into the 10mm holes in the screen and are self-locking to avoid turning when tightening the M5 bolts that hold the screen in position on the upper. The remaining pair of holes are just held with the M5 bolts and nuts. Don't forget the M5 plastic washers on the outside to protect the carbon/paint.



4) Now we can pop the upper cowl onto the meter/mirror stay in readiness for the side cowls. Thanks to being lightweight the upper should just hang there without any issue.



5) With the upper in situ, we can turn our attention to the side cowls. The first thing to do is to fit the BPCX-9131 or BPFX-9131 Duct if fitting the street belly pan, or of course the OEM metal duct if fitting the race belly pan. The fitting is identical between the two. The duct is held in place with the two OEM bolts, with the OEM fiber washers between the duct and the side cowl.



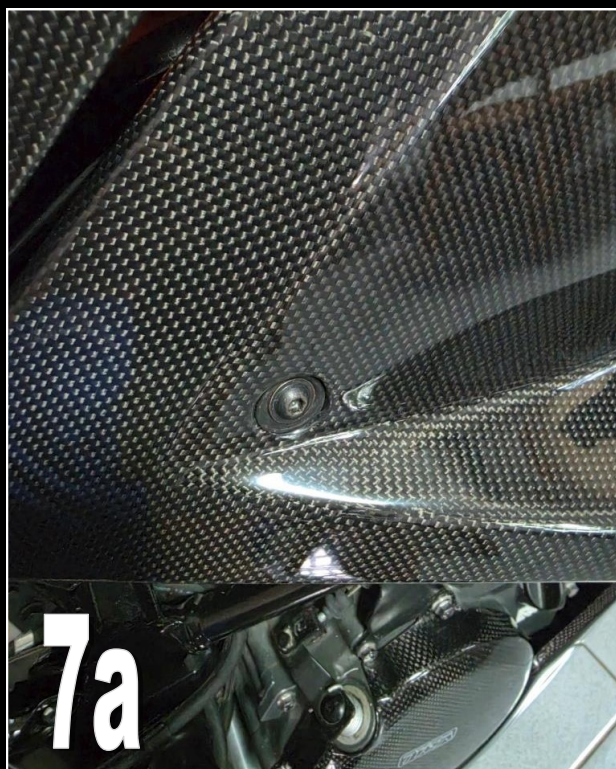
BPCX-9131(p)



BPFX-9131(p)

6) With the duct fitted, we are just about ready to offer the sides up. But the first thing to do is to fit two of the OEM rubber grommets from the OEM side cowl to the TYGA side cowl. These fit to the side frame mount and the top console frame mount.

7) The easiest way to fit the sides is to slot the front top edge of the side cowl roughly into position with the upper cowl and then push the mounts with the rubber grommets onto their respective frame spigots. The nice thing about this is that with the grommets fitted on the spigots, the side cowl is in the almost perfect position for securing to the upper cowl, and doesn't wobble around. Use the original KTM bolts to fasten the side cowl to the frame mounts.



Now move to the join between the side cowl and upper and fit the four M6 bolts and plastic washers. There's one on the top console, two on the side and one on the underside of the 'chin' of the upper.

For the record, I seemed to choose the left side cowl to fit first, but there is really no order for fitting them.

8) With the left side cowl fitted, now move to the right side. The procedure is identical to the first side, from fitting the rubber grommets to securing the side cowl to the upper cowl.

9) The next job is to secure the bottoms of the side cowls together. This is very straight forward. The grill on the right side cowl is secured to the left side with two M6 bolts, and then another M6 bolt on the underside.



10) Almost there. The last thing to do is to secure the rad guard to the side cowls with the OEM bolts. These do a great job to hold everything solid.



11) Now check over all your work and make sure that all the fasteners are tight and it's job done as far as the race cowling is concerned.

For fitting instructions for the different TYGA Performance belly pans (street and race) please visit the relevant product web page.



www.tyga-performance.com