



MAKING YOUR DREAMS A REALITY

FITTING INSTRUCTIONS

HONDA MC22 CBR250RR

RC211V Style Seat Cowling set

BPFS-0017



Some general Tips for the fitment of TYGA-Performance Fairings and Seat Cowlings:

1. We recommend trial fitting of our fairings before painting. It is much easier to mount the second time with prior experience. Also, if there are any minor issues, it will not be a drama at this stage to correct them. Once the bodywork is painted, it is difficult to make any small adjustments or trim edges etc.
2. Use masking tape to protect paintwork, screens and headlights. You can remove this later when everything has been properly secured.
3. If you fail to do the two above steps and make a minor scratch or need to trim an edge, use a permanent marker to cover over any bare fibre. If your bodywork is painted black inside, the black marker treatment along the edge will cover any trimming and leave little evidence.
4. Always leave stays loose until you are sure of the final position. You may need to loosen off tank too. Then make sure you secure all of them when you have settled on the best position. It would be a good idea to note all the slackened screws and fasteners so you can tick them off when you tighten them.
5. Always check that the meter stay is pointing exactly frontward. A cm out of centre line to left or right will play havoc with alignment of other components
6. Only drill when you are 100% sure of position. However, don't be afraid to redrill if you have to. Holes can easily be filled and once painted you will never see them
7. Try to stay patient. Nearly always there is a simple reason if the fit is not right. If you get stuck, before you get too stressed and end up breaking something and regret it, take a break, have a drink and come back to the job with a fresh outlook. If you need to, please mail us for more instructions or advice.
8. Try to remember throughout that you are doing this for fun and the end result will be worth the effort.



Fitment of MC22 RC211V Style Seat Cowling Set

Before starting work on the bike, remove all the components from the box and familiarize yourself with each one.



Contents:

BPFS-0017 MC22 RC211V Seat Cowling set (street) includes:

1 X BPFT-9025 MC22 Seat Cowling RC211V style (street)

1 X BPLT-0009 LED Taillight assembly

1 X BPFX-9025 MC22 Rear Fender, special

BPFT-9025 consists of:

- 1 X seat cowling
- 1 X MC22 regulator stay
 - 1 X M6 X 30 bolt
 - 1 X M6 X 40 bolt
 - 1 X 8 mm washer
 - 1 X 6 mm washer
 - 1 X collar
- 2 X M6 Nylok nuts
- 2 X M6 X 15 domehead frame bolts
- 1 X M8 X 30 cap head bolt (replacement rear tank mounting bolt)
 - 2 X flat black air duct stickers

BPLT-0009 consists of:

- 1 X LED taillight assembly
 - 2 X rubber bushes
- 2 X M6 X 30 cap head bolts
 - 2 X collars

BPFX-9025 consists of:

- 1 X rear fender
- 1 X registration plate illuminating light
- 2 X M3 X 30 bolts, nuts and nuts (to fit registration illuminating light)
- 1 X M4 X 12 domehead bolt, nylok bolt and washer (to fit CDI stay)
 - 6 X black cable ties

**Tyga Performance reserves the right to change the specifications and contents of this kit at any time.*

Fitment of the Seat Cowling

The first job is to remove the following OEM parts:

1. seat pads and mounting hardware
2. seat cowling and gas tank
3. regulator mount
4. rear fender complete with indicators
5. Passenger footpegs

6. Ideally, you would be advised to remove the entire stock subframe assembly. We advise that the subframe be modified in the following way:

The stock battery box and subframe are retained. However, we recommend some modification of the subframe in order to make the fitting of the seat cowling easier. The two lugs which are used to hold the stock seat cowling (where the air ducts are now) are best either cut off with a grinder or at least bent out the way. This will make fitment of the seat cowling easier. On this bike, while we had the grinder out, we took off the passenger footpeg hanger lugs and then repainted the subframe a matt black to make it inconspicuous and not spoil the lines of the bike. This is not strictly necessary but recommended. Once this task has been accomplished, the subframe can be replaced on the bike along with the battery box, wiring harness replaced and the rear brake reservoir put back on its perch.



Fitting rear fender (BPFX-9025)

The first task is to remove the four rubber mounting grommets and bushes from the stock rear fender and remount them in the replacement part. Mount the bushes and push them through the hole once the rubber grommets are in place



Next, fit the indicator rubbers in a similar way by removing them from the stock rear fender and mounting them in the replacement part. Place the indicator steel bushes from the inside and push through to the outside. Mount indicators in exactly the same way as they were on the stock rear fender using the stock screws. Be careful not to switch them (drain hole should point downwards!) There is one important difference between the Tyga and the stock rear fender. Notice the three holes either side above the indicators. These are used to thread the wiring for the indicator into the luggage compartment. The routing is as follows, out, up, and then in, the luggage compartment

Next, mount the rear reflector in the same way that it was originally, using the original nut. After that, you need to drill out the rivet holding on the CDI stay so you can remove it and re use it on the Tyga rear fender using the hardware provided. Be sure to place the head of the nut inside to prevent damage to the CDI



Make a note of the position of the registration illuminating light and take it off for now so that it is easier to fit the rear fender to the bike.

The next task is to relocate the regulator. It needs to be removed because it will be in the way of the new seat cowling. Its new home is tucked under the fuel tank rear mount and mounting hardware is supplied in the kit to make the task easy. See pictures below to help with correct position of regulator collar, regulator stay and bush. Fit the M6 X 30 bolt with washer through the right side hole on the tank mount as in the picture. The bolt passes through the regulator collar with the wide flange up, through the regulator and then everything is held together with the M6 nylok nut. At this stage just hold it finger tight.



Now remove bolt holding the front battery box mount and replace with the M6 X 40 bolt and M6 washer provided. Wind the bolt through about 10 -15 mm., then fit the regulator stay bush and continue to wind bolt through while holding the bush in position. Continue to wind until tight. Fit the regulator to this bolt and secure with the other M6 nylok nut. Tighten both mounts now and check that the regulator/rectifier connector is firmly connected.

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It is now time to offer up the rear fender to the subframe. It fits in much the same way as the stock one did. Use the stock mounting bolts and nuts to attach it to the subframe. The rear bolts go through holes towards the top of the subframe.

Connect up the wiring for the indicators and test that they work.

Now that the rear fender is in place, you can re connect the registration illuminating light and make sure it is secure.

Finally for the rear fender, attach the CDI in its original position on the mounting stay.



Fitting RC211V Seat Cowling (BPFT-9025)

Before fitting the seat cowling, it is important to note that it is a tight fit to get the seat cowling on the subframe. An extra pair of hands is recommended as well as lots of tape covering up any fresh paint-work on both the rear of the fuel tank and the seat cowling itself. For trial fitting, which we strongly recommend, it is not such an issue but the panel can get damaged if extreme care is not taken. You have been warned!!!!

First, you need to fit the seat compartment lock to the Tyga seat cowling. This fits on in exactly the same way as the stock one using the plate and clip to hold it firmly in place. Note the orientation of all parts when removing from the Honda cowling.



Next fit the LED taillight using the hardware provided. Take care when fitting the M6 X 25 bolts to not cross-thread. Fit one side loosely and then the second bolt before securing both.



We've now got to the difficult part, so unless you are in a hurry, it is a good time to take a rest and relax before mounting the seat cowling which needs patience. Like many things, there is a technique to fitting it and below describes the method we recommend.

1. Slide on the seat cowling from the rear with the lower edge of the seat cowling below the subframe and rear fender. It is tilted up at the front at this stage. You should be able to get it so that you can then move the front part down a little.



2. Carefully, pull the right side of the seat cowling out and down over the rider seat cowling lug which is mounted on the sub frame. Be careful that this does not puncture the seat cowling..



3. Repeat left side making sure that you do not allow too much pressure on the right side while you are concentrating on the left, so you need to stay focused on both sides at the same time. That's why it is useful if you have someone to help.

4. Now, with both sides tucked in it should be possible to nudge the the seat cowling forward. Push from the rear of the cowling while holding the front section away from the tank to avoid damage. As the seat cowling moves forward, make sure it moves under the subframe at the rear and is not lifting or it will get stuck. It should fit under the subframe and rear fender at rear. The idea is that as the seat cowling moves forward, it will drop down off the passenger seat mounting support and will then have some freedom of movement.



Please note, we have now made this step in fitting easier by splitting the cowling between the front and passenger seats. This makes it much easier to slide over the subframe.

5. As it gets to the point where it is loose, guide the front lower struts into position so that they hook between the frame and sub frame

6 Move seat cowling into final position and check holes line up where it mounts to frame. Test fit the mounting bolts where the seat cowling mounts to the frame

7. Now fit the two original bolts to the top of the passenger seat position either side of the seat lock. At this stage, it is very important to test the seat locking mechanism. DO NOT fit the passenger seat, just operate the key and check the locking latch opens and closes properly. If all is in working order, move on to the next step. If it doesn't work, then the lever arm fitted to the subframe will need bending slightly up or down



8. Now connect the LED tail light and registration light and test them. Use the cable ties to secure the wiring.

9. Fit passenger seat, making sure spring is in the original position. Nip up finger tight as seat mount has a small amount of adjustment. Close passenger seat and check alignment. Adjust as necessary. Open up and securely fasten bolts.



10. Secure rider seat in original position

11. After painting, if desired, apply flat black stickers provided to inside of air ducts.



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