



MAKING YOUR DREAMS A REALITY

## FITTING INSTRUCTIONS

HONDA NC23 CBR400RR

T9 Fairing Kit BPFS-0075



## Handy Hints for fitting our fairings:

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. 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.



Before starting work on the bike, remove all the components from the box and familiarize yourself with each one. There are several dozen components in total if you count every nut bolt and washer! This does not include the other components which will need removal and replacing or repositioning.

### Contents

Please refer to contents to make sure that you have received all necessary parts to assemble the Fairing Set (Street), NC23 T9 BPF5-0075:

Code	Product name	Quantity
BPFU-9027	Upper Cowling (Street GRP), NC23 Upper C	1 Set
BPFL-9027	Lower Cowling (GRP), NC23, T9 Style , As	1 Set
BPLT-0012	Headlight Assembly, Tyga Eyes	1 Set
TYLY-0047	NC23 Upper/Mirror Stay, T9.	1 Pcs
SCRE-0134	TYGA T9, Screen Clear, Kit.	1 Set
<b>BPFU-9027 Upper Cowling (Street GRP), NC23 Upper Cowling, T9</b>		
1 BPFU-9027	Upper Cowling (Street GRP), NC23 Upper	1 pcs
2 BPFU-9027L	Console, Left, NC23 Upper	1 pcs
3 BPFU-9027R	Console, Right, NC23 Upper	1 pcs
2 BPSY-0056	Meter Upper stay Aluminium.	1 set
4 BPSY-0047	Mid Cowl stay & Bush Assy	2 set
5 BPFX-9227L	Air Duct Left (GRP), NC23, T8	1 pcs
6 BPFX-9227R	Air Duct Right (GRP), NC23, T8	1 pcs
7 JTST-0420	M4x20 Domehead Bolt	2 pcs
8 JTST-0610	M6x10 JT Domehead Bolt	2 pcs
9 WPSS-0600	M6 Washer	2 pcs
10 CLIP-0007	Plastic Insert.	4 pcs
11 JFST-0412	M4x12 JF Domehead Bolt (Black)	8 pcs
<b>BPFL-9027 Lower Cowling (GRP), NC23, T9 Style , Assy.</b>		
1 BPFL-9027(P)	Lower Cowling (GRP), NC23, T9 Style ,	1 pcs
2 BPSY-0055	Cowl Stay Shaft, Low Left, NC23.	1 set
3 BPSY-0057	Lower Right Cowl Stay Silver.	1 set
4 CLIP-0600	M6 Tab Clip	6 pcs
5 JTST-0610	M6x10 JT Domehead Bolt	6 pcs
6 WPSS-0600	M6 Washer	2 pcs
7 JTST-0615	M6 x15 JT Domehead Bolt	2 pcs
<b>BPLT-0012 B Headlight/Turn Signal Assembly, Tyga Eyes III , Assy.</b>		
33110-KVB-881	Headlight, (Turn Signal)	1 pcs
33120-KW6-961	Socket, complete, headlight	1 pcs
ECMS-0800	Spade connetor (male) 8 mm #235011-0	3 pcs
ECFS-0890	Spade connector (female) 90?	3 pcs
ECJP-2724	H2724 Headlight jack plug	1 pcs
WPSS-0400	M4 Washer	2 pcs
CLIP-0400	M4 Tab Clip	2 pcs
JTST-0410	M4x10 JT Domehead Bolt	2 pcs
BPLB-0025	Bulb 25w	4 pcs
33406-KBP-770	Socket Comp., R. Winker	1 pcs
33456-KBP-770	Socket Comp., L. Winker	1 pcs
34905-KAN-W01	Bulb	2 pcs
<b>Note: this spec. for H/L with turn signals only*</b>		
<b>TYLY-0047 NC23 Upper/Mirror Stay, T9.</b>		
TYLY-0047	NC23 Upper/Mirror Stay, T9.	1 pcs
<b>SCRE-0134 TYGA T9, Screen Clear, Kit.</b>		
Code	Product name	Quantity
1 SCRE-0134(p)	TYGA T9, Screen Clear, Kit.	1 pcs
2 SCPC-0410	Screw JT M4x10 ( Black colour)	8 pcs
3 WPPC-0400	Washer Plastic M4x10x1.0	8 pcs
4 NTPC-0400	Nut Plastic M4 (PA)	8 pcs

Note: a tinted screen can be included instead of clear



**BPFS-0076 Complete Body Set includes all the above parts in BPFS-0075 and BPFS-0077 and front fender BPF-9002**

### **Fitment of the Fairing**

The first job is to remove the following OEM parts:

1. mirrors
2. Complete fairing with headlights, turn signals etc
3. instruments
4. frame side plastic air duct and surrounds
5. upper/mirror stay
6. Side stays for fairing
7. front lower stays under the engine

### **Fitting Upper/Mirror Stay(TYLY-0047)**

Replace the stock Upper/Mirror stay with the TYGA one provided (TYLY-0047). Remove all the rubbers and bushes and replace in the same way as the stock one. This should be a simple task.

### **Preparing the meter stay**

The stock Honda meter stay is retained. However, you will need to make a few changes so that the TYGA fairing fits it perfectly. Firstly, the instruments need to be slightly relocated. This can be done by drilling out the two mounting holes for the instruments to approx. 9 mm from approx 6.5 mm. This will give the instruments more play to find the best location. In general, they will need to be mounted in the highest position, so we recommend you pinching the bolts up to hold the instruments in the highest position on the meter stay.

Test the steering on full lock to make sure that the instruments do not touch. If they do there are a few adjustments that can be made. Firstly, it is possible to slightly adjust the instruments where they mount to the stay and re tighten the bolts. Secondly, you can loosen the perches for the brake and clutch and rotate slightly or even move along the handlebar if that helps. Thirdly, you can adjust the bars back more by loosening them off on the pinch bolts and moving them to their furthest position back. Make sure you keep tank to bar clearance though.

The next job is to mount the meter upper stay and bush (BPSY-0056) in the front of the meter stay with

the stay pointing upwards and sloping back. The bush goes between the front fairing stay and the meter stay to move the position slightly forward. Please note that it is now angled back at the same angle as the sloped fairing so the mounting bolt goes in at the correct angle.

If things are not perfectly aligned, we recommend loosening off the frame to meter stay mounting bolts. You'll notice that there is a little up and down movement of the stay which will assist in alignment of the upper and lower cowling later. Remember to tighten later after the fairings have been trial fitted! Remember that if the bike has had an accident (possibly during a previous owner's use during 20 years of riding) then the meter stay may be bent to the side or even up and down, so please check this if parts are not aligning well.

Reconnect the electrical plugs and check routing of cables etc. Check for smooth throttle action. It must close under its own spring tension. Tuck away any connectors, relays etc, to make fitting the fairing easier. Remember to keep the connectors for the headlight and indicators if you are using them easy to reach and connect later when the time comes to connect them to the fairing.



### **Fitting NC23 T9 Consoles BPFU-9027L and BPFU-9027R**

These replace the plastic Honda ones and mount directly to the new TYGA fairing. The first thing to notice is not only the air ducts but the mounting pieces held in by plastic screw inserts need to be removed from the frame. You need a bare frame to mount the TYGA kit.

You need to sandwich the foam rubber between the frame and the consoles so the frame stays cushioned and protected. These parts are held in place by the screw inserts provided. Be very careful to make sure they go into the frame properly because it is easy for one or more of their legs to get bent outside the hole.



### **Fitting BPLT-0012 TYGA Eyes III headlight Assembly**

The headlight assy. can be a little tricky to fit. Please note that it is a good idea to use masking tape over headlight lens to protect it, especially during trial fitting before painting to prevent damage.

Also worth a mention that the headlight shape is not replicated by the holes molded in the upper cowling. The light comes up flush against the upper on the inside and will not go through the molded holes to project forward.

Slide the headlight in carefully with minimum contact with the fairing until it is in the correct position. First line up the top lugs on the left with its respective hole on the headlight. Thread the top M4 screw in loosely. Next do the same for the lower position. Check the alignment in relation to the headlight hole in the fairing and adjust before securing the screws into place. Repeat for other side. Once secured the masking tape can be removed from the lenses.

### **Fitting NC23 T9 Upper Cowling (BPFU-9027)**

If you're fitting the HRC overflow bottle, fit it now. It can be done after but it's more fiddly

It might also pay to put a cloth over the front fender before offering up the cowl, as you can use this to rest the cowl while connecting up the headlights etc.

You need to mount the two side stays BPSY-0047 either side which mount to the frame. These are identical but are secured at different angles to provide the correct position for the fairing. Leave them loose at this stage. We will be securing these later.

The next job is to fit the two air ducts BPFX-9227L and BPFX-9227R that fit under the chin of the upper. They are easy to fit but remember to do this after the headlight because it is difficult to get the the lower headlight mounts once the air ducts are fitted.

Before fitting the upper to the bike, fit the screen using the fasteners provided. Again, if this is just a trial fit, always use masking tape along the edge to protect it from scratches. Alternatively, the screen can be fitted as a final touch later depending on how small your hands are to get in to fit it!

Once the front is nearly in position, connect the headlights (and indicators if you have this version) and test they work.

The upper cowling is fitted to the bike in five positions, the front upper with the meter stay, the mirror positions, the consoles and the side stays. Leave the side stays until after the lower fairings are fitted but you can fit the mirrors, the front position and the console positions now.

Finally, note position of side stays, and adjust if you need to though you will not be really sure until the lower cowling is fitted. With the lower cowling in place, this is quite difficult, so it is a good idea to get close as possible now.



## Fitting T9 NC23 Lower Fairing (BPFL-9027)

Fitting the lower cowling is fairly straight forward, but is definitely made easier by using a paddock stand, or even a paddock friend!

Before fitting the lower cowling, you need to remove the stock Honda stays and replace with the TYGA ones provided. The left stay (BPSY-0055) is assembled as shown above and screws into the end of the exhaust mounting bolt. You can use the flat section to tighten using a spanner. The bolt provided then fits through the stay and bush before screwing into the shaft. Nip up just a little so you can still rotate the stay later to find the perfect mounting position for the lower fairing. Next turn your attention to the right side side (BPSY-0057). This mounts to the lower rear part of the frame and hangs down. Again, nip but not too tight so you can rotate it.



The lower cowling is mounted by sliding from left to right side. Turn steering on right lock to give you more space and put a piece of carpet or similar on ground to avoid scratches on lower as you slide it through. Put masking tape along the edges which might get damaged as you fit the lower cowling such as near the brake pedal and chain. The front-most positions can be a bit tricky to get started and make sure that when you tighten it that it does not get caught behind the upper fairing and damage paint. The mid upper holes should line up with the mid cowl stays (BPSY-0047). The bolt goes through the upper, lower and into the mid cowl stay. It should be possible to see if the position is correct by looking at the engine casings in the cowling holes and making sure they are correctly aligned. The mid cowl stays are adjustable and the length and orientation can be adjusted by loosening the bolt which secures them to the frame. When you are satisfied with this position, turn your attention to the lower mounting points and attach the lower left. Move to the right and pay attention to the exhaust and make sure there is clearance or it will cause heat damage to panels and paint. If necessary, space out the lower rear right to prevent this happening.

Now the fairing is fitted, we advise tightening off all mounting positions especially the meter stay, side stays and lower stays which should still be loose. This will involve removal of the side fairings but they will need to come off to be painted. Also make any adjustments to panels and edges at this stage before painting. Once the panels are painted, you will be able to fit them on the bike without any trouble having already trial fitted them already. You are now ready to ride away!





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