

How to Install R&G Frame Sliders

By: NJKev (www.ninja650.com)

Note: If I had it to do again, I would probably take the top fairings off. Getting common Allen wrenches up under the fairing is best saved for those with elfin fingers!

WARNING

Be careful not to pull too hard on your fairings, mine were absolutely fine, but still take great care, we don't need any cracked fairings out there!!!

Here they are: R&G Sliders direct (slowly) from BRP! 😊



So here is what I did.

Make sure you have:

1. Flathead Screwdriver
2. Ratchet Wrench w/ extension and 10mm and 17mm sockets
3. Allen Wrenches (4, 5 & 6) metric

Start on the right side of the bike.

1. Remove the 3 Allen screws holding the lower fairing starting with the bottom one.



Move over to the left side of the bike.

2. Remove the 3 Allen screws holding the lower fairing starting with the bottom one.



3. Remove all three body pins located right where the two lower fairings meet right behind the front tire.



4. The Lower fairings should be able to be (in a hinged movement CAREFULLY) detached at this point. Put them and their screws in a secure place.



Move to the right side of the bike once again.

5. Unscrew the large Allen screw right below the fuel tank on the upper fairing.



6. Pull the upper fairing gently outwards, looking through the air dam, you should see a fairing coloured tab that will pop out when pulled gently, pop it out.



Move to the left side of the bike.

8. Remove the Allen screw right below the fuel tank on the upper fairing (same as the right).

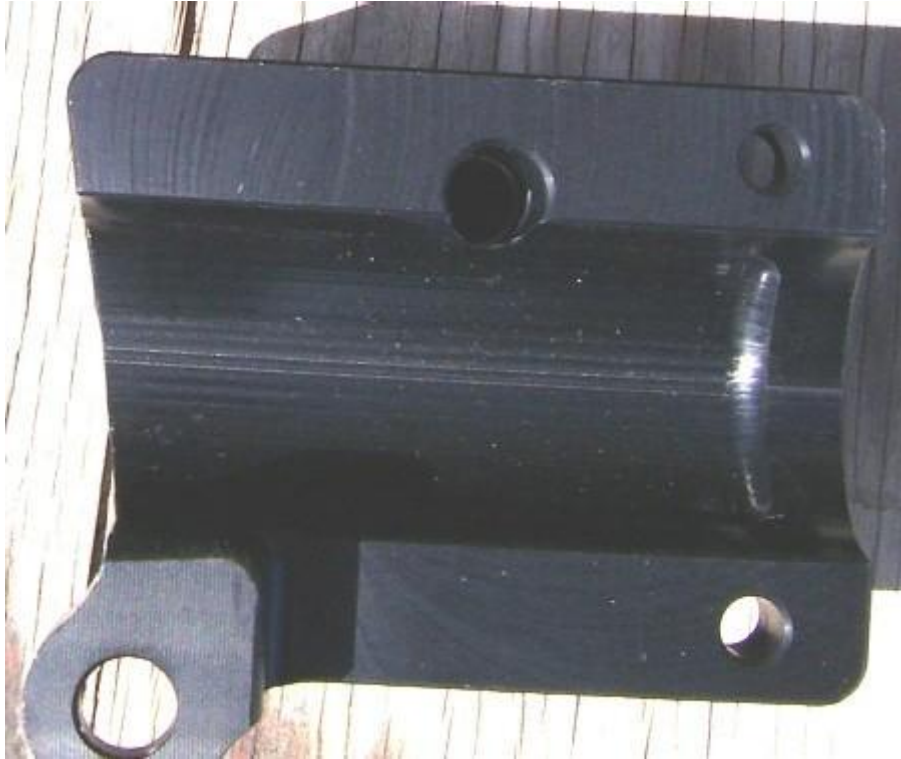
9. Pull the upper fairing gently outwards, looking through the air dam, you should see a fairing coloured tab that will pop out when pulled gently, pop it out (same as the right side).

10. Open the R&G box and pull out the mounting blocks, screws and pucks.



The mounting block with the long bolt tab is the left side, the short one the right. (I've edited out steps 11-13)

Here is a pic of the right:



Take the right side mounting block and move to the right side of the bike with the shorter of the two large Allen head screws (the silver one), one of the brackets and two of the smaller mounting screws.



Grab the ratchet wrench and metric set.

14. Gently pull the upper fairing outwards and look underneath to find the bolt that holds the frame and the engine mount together.



Just above it is the 10mm bolt holding the radiator mounting bracket to the engine mount.

15. Use the ratchet wrench to remove it.

16. Pick up the mounting block you have now and place it so the back curved part rests on the frame and the bolt tab lines up with the hole where you just removed the screws from.

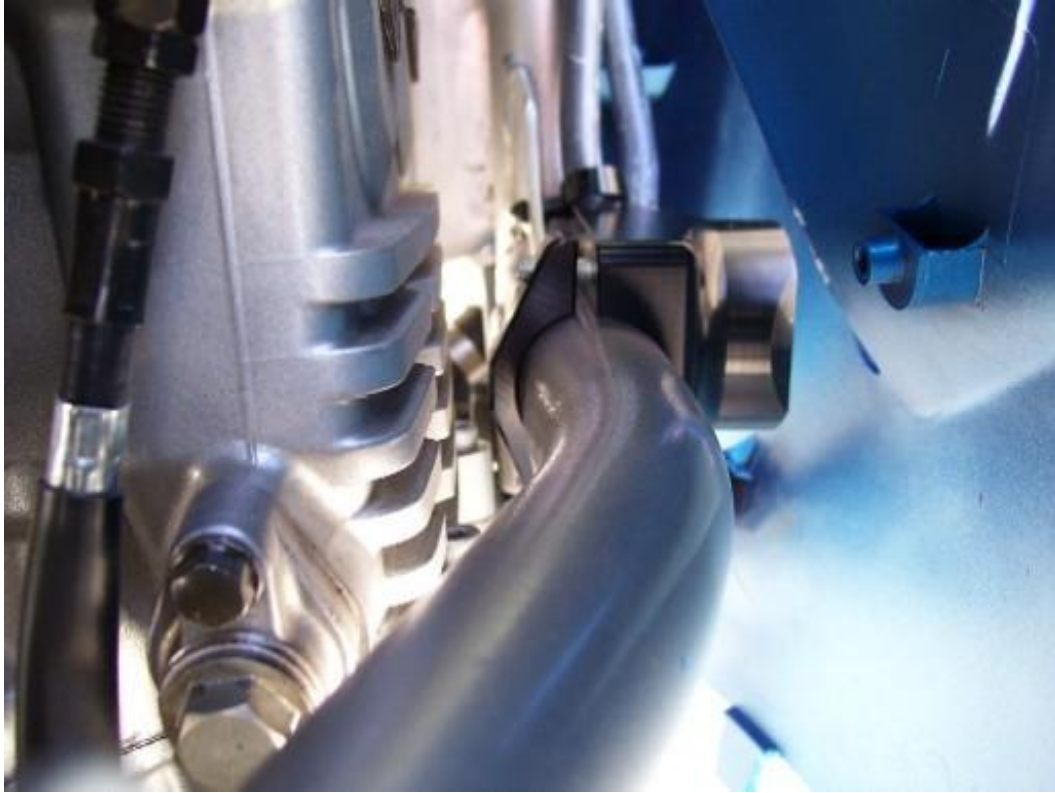


17. Take the larger Allen head bolt (shorter of the two from the package) and hand tighten it in through the mounting block bolt tab and into the aligned hole. (this is where having the upper fairing removed would've sped up the process!!).

18. Now take the bracket and two small screws, place the bracket on the inside part of the frame bar facing towards you.

19. Align the bracket with the appropriate holes on the mounting block and place the screws in those holes, You can also use the Allen key from your tool kit to tighten.

20. Tighten the two bracket screws evenly until taught, now tighten the larger screw until you feel resistance. Tighten all bolts again. Do Not over torque them.



Feel the mounting block on the frame and make sure there is no movement.

21. Take the puck, one of the long bolts and a washer. Place the washer on the bolt and insert it into the puck.



22. With 17mm socket and extension place the bolt emerging from the back of the puck into the hole located in the centre of the mounting bracket. Begin tightening. Tighten until you feel a strong resistance.

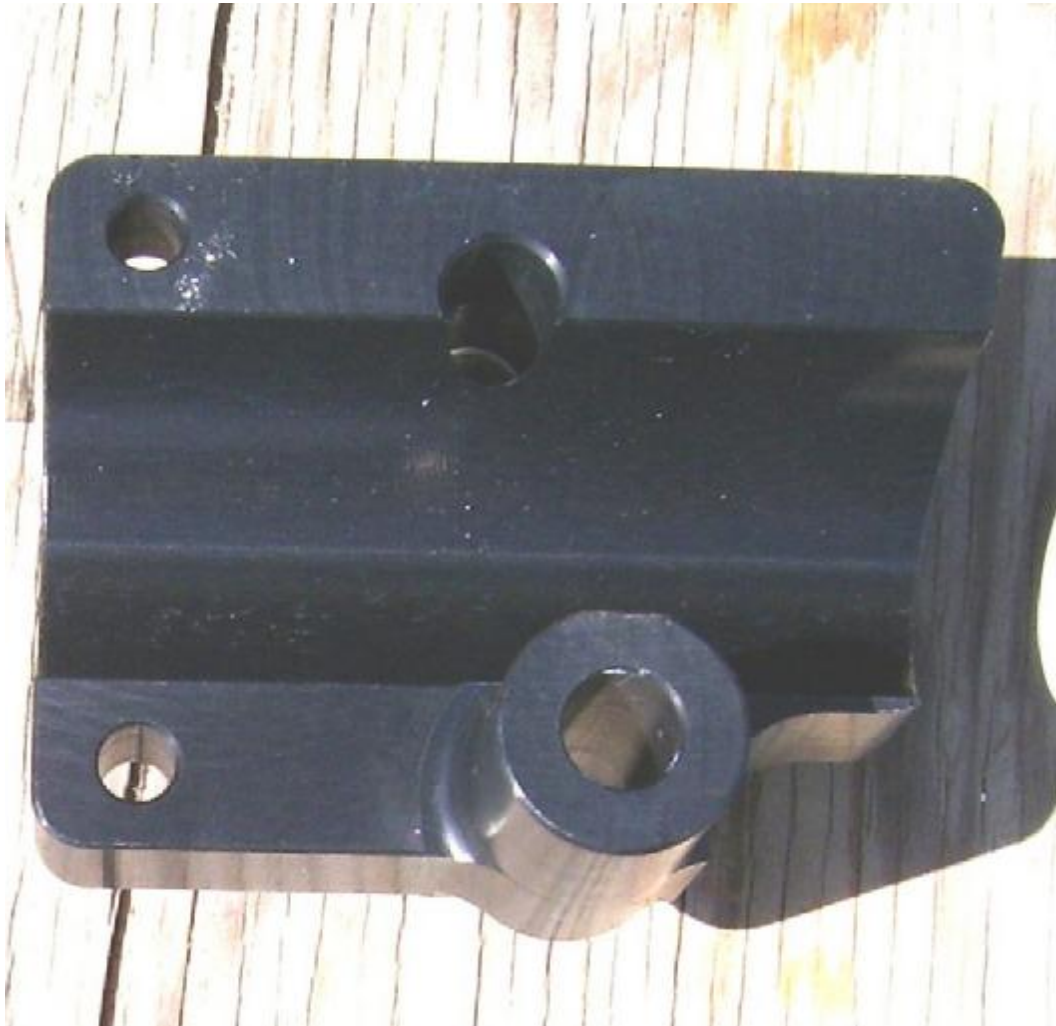
Make sure there is no movement when you try to wiggle the puck and then proceed to move to the left side of the bike.

23. Gently pull the upper fairing outwards and look underneath to find the bolt that holds the frame and the engine mount together, should be directly below the bolt holding the intercooler to the frame. On the left side however the bolt is further back into the engine (larger screw is needed). Where you are looking at is directly opposite the air dam opening, so look there.



24. Using the 10mm socket, remove the bolt.

25. Pick up the left side mounting block.



and place it so the back curved part rests on the frame and the bolt tab lines up with the hole were you just removed the screw from.

26. Take the golden Allen head bolt and hand tighten it through the mounting block bolt tab and into the aligned hole.

27. Now take the bracket and two small screws, place the bracket on the inside part of the frame bar facing towards you.

28. Align the bracket with the appropriate holes on the mounting black and place the screws in those holes, use the Allen key from your tool kit to tighten.

29. Tighten the two bracket screws evenly until taught, now tighten until you feel resistance.

Feel the mounting block on the frame and make sure there is no movement.

30. Take the puck and the long bolt with the washer, place the washer on the bolt and place in the puck.

31. Using the 17mm socket and ratchet, place the bolt emerging from the back of the puck into the hole located in the centre of the mounting bracket, begin tightening (you may need to use a ratchet extension). Tighten until you feel a strong resistance.

Make sure there is no movement when you try and wiggle the puck.



Now it is time to put the fairings back together. Start on the left side.

32. Pull the upper fairing gently outwards, looking through the air dam, you should see a fairing coloured tab that will pop in when pushed gently, push it in.

33. Find the Allen head screw that fits in the upper fairing and install it.

Move to the right side.

34. Pull the upper fairing gently outwards, looking through the air dam, you should see a fairing coloured tab that will pop in when pushed gently, push it in.

35. Find the Allen head screw that fits in the upper fairing and install it.

36. Get the right side lower fairing and fit it in with the upper fairing being sure to catch all the tabs.

37. Screw the Allen head screw in by the rear brake lever.

38. Screw in the two smaller screws where the upper and lower fairings meet.

Move to the right side of the bike.

39. Get the left side lower fairing and fit it in with the upper fairing being sure to catch all the tabs.

40. Install the Allen head bolt with a mushroom head spacer in by the shifter lever.

41. Install the two smaller screws where the upper and lower fairings meet.

Take the three body pins and move to the front of the bike.

42. Align both of the lower fairings so they align securely just below the oil filter behind the front tire, remembering to catch all the tabs.

43. Attach all three body tabs. You may have to remove the top part and place the bottom part of the pin in first (worked best for me).

And you're done!!!!

*** Note from BRP ***

The milled out section of the right side mount is to clear the VIN Tag on the EURO models. This is not a defect.