



2012 CBR 1000RR UNDERTAIL INSTRUCTIONS

HOTBODIES RACING RECOMMENDS THAT YOU HAVE A PROFESSIONAL MECHANIC PERFORM THIS INSTALLATION. IF YOU CHOOSE TO "DO-IT-YOURSELF" ALWAYS TAKE APPROPRIATE SAFETY MEASURES WHEN INSTALLING THIS PRODUCT. CAREFULLY READ ALL INSTRUCTIONS BEFORE BEGINNING THE INSTALLATION PROCESS! WHEN IN DOUBT, CALL US! TOLL FREE 800-555-2805

Parts Included:

- Hotbodies Undertail
- 6 Blue Wiring Clips
- 1 Rubber Well Nut
- 1 Phillips Head Fastener
- 2 License Plate Brackets, 2 Hex Head Bolts, 2 Locking Nuts

Tools Needed:

- Phillips Screwdriver
- 8mm & 10mm Sockets and Ratchet Wrench
- Wire cutters/Pliers
- 5mm Allen Wrench
- Electric Drill with 3/8" Drill Bit



1) Remove side covers to access phillips bolts behind them to take off the rider seat. Also remove the passenger seat.



2) Follow the wires from the mudflap back towards the battery box and disconnect the plug from the harness.

READ CAREFULLY BEFORE INSTALLATION! This undertail like all undertails has been designed for off road racing use only, and has not been presented for D.O.T. certification! Hotbodies Racing Inc., our distributors, and our dealers will NOT be responsible for the use or misuse of this product. Always check with your local Department of Motor Vehicles before modifying any aspect of your motorcycle.



3) Using a 10mm socket and ratchet, remove the 3 bolts located directly below the passenger seat holding the mud flap on and carefully remove it.



4) Remove the two 5mm hex head bolts on the sides of the mudflap.



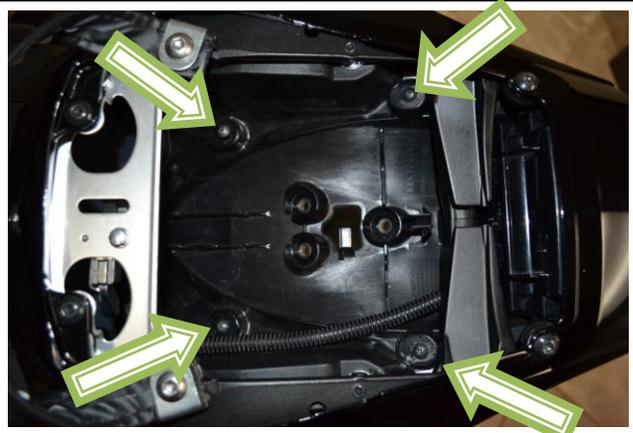
5) Also remove the 8mm nut behind the reflector and remove the cover hiding the turn signal wires within the mudflap.



6) Cut the wires closest to the signal lights and remove wiring harness from mudflap. This will allow you to re-use your stock plugs when you hooking it up to the new undertail.

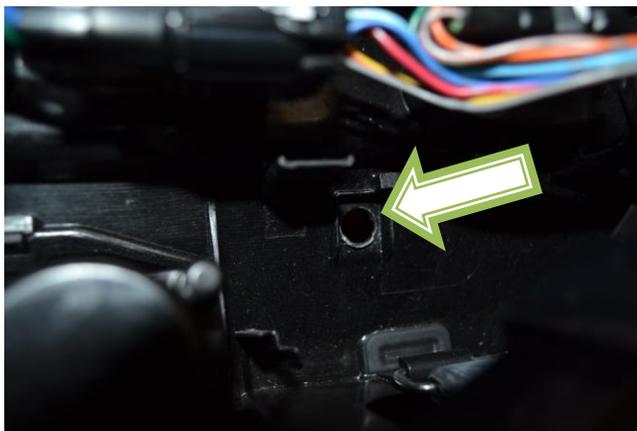


7) Re-lease the latch on the fuse box then lift up and move to the side. Remove the small phillips head bolt located behind the box.



8) Remove the 4 remaining phillips head bolts located inside the glove box and carefully remove the stock undertail.

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9) Use an electric drill and 3/8" bit to open up that hole that is located behind that fuse box in step 7.



10) Insert rubber well nut from bottom up through the battery box, so the fat part is underneath the tail.



11) Prepare HBR undertail for installation. Connect your factory wiring harness to the undertail. Use wiring instructions down below. Note (you can also drill out your undertail for the license plate at this time, but be sure to check the position for clearance with the rear tire with suspension travel.)

12) Carefully feed signal wires through tail section and license plate wires must be fed through the hole in the stock glove box so that they do not get in the way of the new undertail. (12-A)

Check for proper light function and then slide new undertail into each side of the tail section lining up all the tabs and using the supplied phillips head bolt hand tighten it into the lower mounting hole and into the rubber well nut you installed earlier.

Re-install your fuse box, rider and passenger seats, and those side covers, you're done! Now don't crash your pretty bike! (12-B)



12-A) Picture shows license plate wires feeding through the hole in middle of glove box.



12-B) Pictures shows undertail in position for final installation, arrows mark mounting tabs and fastener.

WIRING INSTRUCTIONS:

Connect the right (blue wire) and left signal (orange wire) wires on the bike, to the respective right/left red wires on the undertail. Connect the ground wires (green) to the black wires on the undertail. The license plate light wire is brown w/white tracer, connects to the red wire of the undertail.

You're done, now check for proper function.

(Notes some bikes requires the use of aftermarket load equalizers/resistors to flash at the normal rate, we recommend 10ohm 20-25 watt resistors)