



## 2012 BMW S1000RR UNDERTAIL INSTRUCTIONS

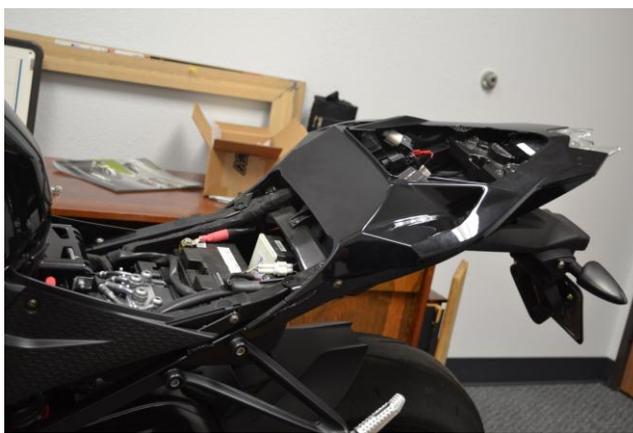
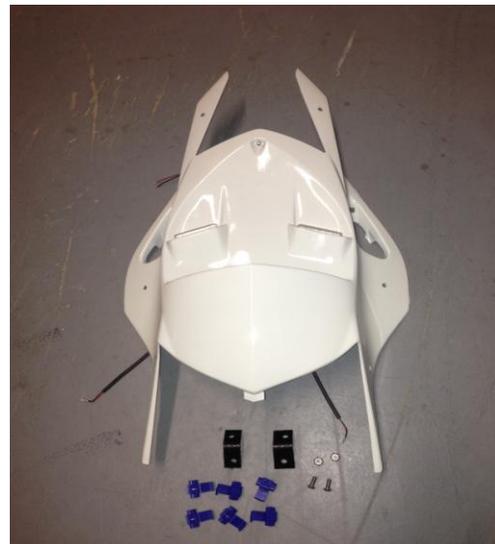
HOTBODIES RACING RECOMMENDS THAT YOU HAVE A PROFESSIONAL MECHANIC PERFORM THIS INSTALLATION. IF YOU CHOOSE TO "DO-IT-YOURSELF" ALWAYS TAKE APPROPRIATE SAFETY MEASURES WHEN INSTALLING THIS PRODUCT. CAREFULLY READ ALL INSTRUCTIONS BEFORE BEGINNING THE INSTALLATION PROCESS! WHEN IN DOUBT, CALL US! TOLL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

### Parts Included:

- Hotbodies Undertail
- 6 Blue self stripping electrical taps (3M)
- 2 License Plate Brackets, 2 Hex Head Bolts, 2 Locking Nuts

### Tools Needed:

- T-25 Torx Tool
- Wire Cutters/Pliers

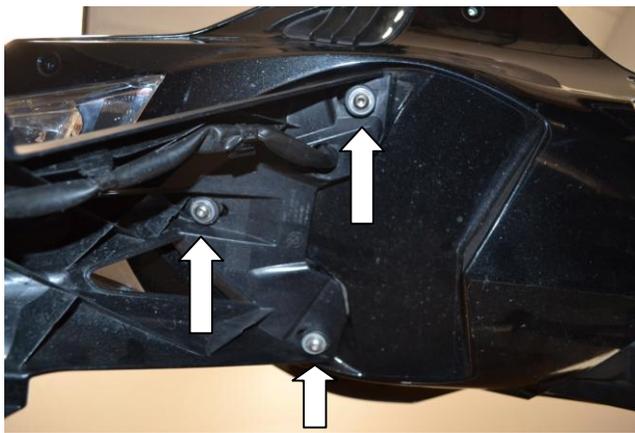


1) Remove rider & passenger seats.

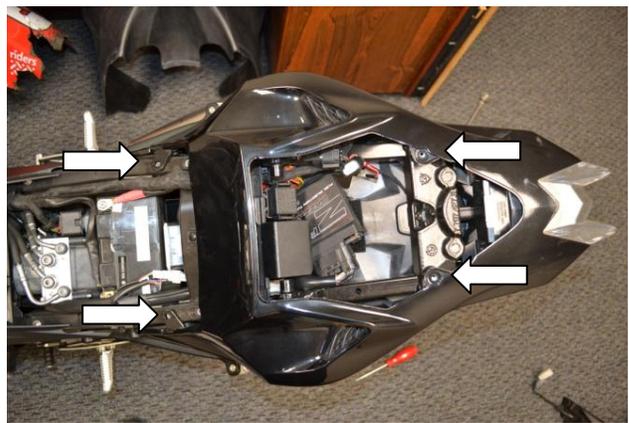


2) Unplug the electrical connector from main harness & also unplug the tail light.

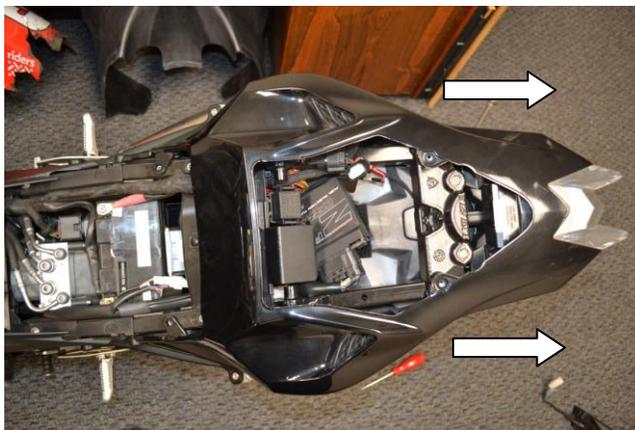
**READ CAREFULLY BEFORE INSTALLATION!** This undertail like all undertails has been designed for off road racing use only, and has not been presented for D.O.T. certification! Hotbodies Racing Inc., our distributors, and our dealers will NOT be responsible for the use or misuse of this product. Always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



3) Remove the three torx bolts underneath the tail section that hold the mud flap on. Then remove stock mudflap assembly. \*Careful with the wires\*



4) Remove the tail section torx bolts located on the top & bottom of tail section, 4 on top & 6 on bottom along the undertail edge.



5) The tail section should be loosely mounted on the sub-frame. Slide the entire tail section and undertail assembly backwards and off of the sub-frame.



6) Separate the stock undertail from the tail section & the tail light. Be very careful not to break the tabs along the edges of undertail and tail section. Easiest way is to start with the round tabs in the front and then work your way backwards.



7) Remove the OEM vent inserts by pinching in the three release tabs then pulling out the vent. \*Be very careful not to break them\*

Then insert them into the new undertail. Press inward and make sure all the tabs are locked in.

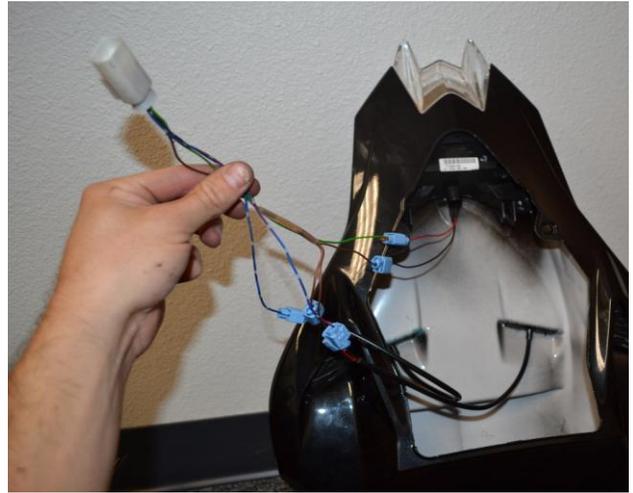


8) Wiring instructions: Cut off the OEM plug connector for your turn signals & plate light. Cut about half way down your OEM mudflap, this will give you plenty of room to run the wires nicely.

9a) Wire the OEM plug connector to the new undertail using blue wiring taps as shown in photo 9b. Now is a good time to measure and mount up the license plate too, make sure to check clearance between rear tire and plate and factor in suspension travel.

From Bike to Undertail

- Brown to Black (grounds)
- Green to Red (license plate light)
- Blue/Black to Red (right turn signal)
- Blue/Red to Red (left turn signal)



9b)



10) Assemble new HBR undertail on to the OEM tail section using the OEM torx bolts. Do not forget to mount the tail light at the same time using the same bolts. Take your time to bolt everything up & line up the tabs and edges of the undertail.

11a) Slide your tail section assembled with undertail over the sub-frame & install using the 4 OEM torx bolts. Make sure not to snag any wires. Plug in connector & check for proper light function. Re-install your rider & passenger seats & you're done! Now don't crash your pretty bike!



11b) \*Note there may be a 1-2mm gap at the very tip of the undertail where it meets up with the tail section. This can be adjusted during installation & is normal.