

VTR1000F Undertail Instructions

1. Removing Seat and Rear Cowl Section

You might want to place bike on swing arm stand for safety before starting. Start by removing the seat with your key, then disconnect the wires for your turn signals, tail light and plate light. Once that is finished start by removing the two hex bolts on either side of the bike down by the fuel tank (there are metal spacers don't loose them). There are two Philips screws located at the top of the cowl near the latch for your seat, remove them also. Below the cowl on the bottom side, right above the tire there are two plastic body clips on either side you can use a small flat head screwdriver to wedge the inside of the clip out and remove the body clip. This is also a good time to remove your reflectors and brackets down there. Now it's time to remove the rear cowl section to do so you may have to spread the cowl apart just a little and then slide back. This should come off rather easy so if you're forcing it something is holding.

2. Fender Trimming

You will want to wear some safety glasses due to cutting of plastic. I strongly recommend a Dremel Tool With a plastic cutting bit (Carbide Cutting/Shaping Wheel) a small Hack Saw will work also but hard to get into the tight areas. **Remove seat lock and cable.** If you cut right behind the support bolts for the rear fender and across this usually gives enough room to install the fender you may have to pull up and stretch the tool box section on the fender to make room for the undertails tire hump section.





Test fit Undertail with Rear Cowl Section

If you are having problems getting the undertail to fit properly you may have to cut the tool box section out. Or at the very least cut the bottom of the tool box off that hangs down below your rear fender due to that's the part that's hitting the undertail and you won't have such a big gap to fill up since small objects you carry can fall out. If you do cut the tool box out you can fab a custom plate like shown in the picture.



3. Installing plate bracket

You will want to drill out the three holes that have been marked on the undertail as that is where the plate bracket will go Use the same size as the holes on the plate bracket. Install using the nuts and bolts. (Your plate may need to be modified to mount onto the bracket)



4. Installing Wiring Connections and Undertail

You will want to cut off stock turn signal connectors and plate light connector also from the rear fender section we cut off so that we can reuse them with our new undertails lights. Use some judgment as to how much you will need to cut from stock connectors.

It's a good idea to test wiring connections before the connection is permanent. If your lights don't work you might have the connection backward. You can trim the wire down to make a neat connection but don't cut off the inline resistors on the undertail. Using a splice works fine for connecting the wires. (Suggest heat shrink splices to keep moisture out)



You might want to loosen or take out your tail light as it may be easier to install the undertail. Slide your rear cowl onto the bike and then slide your undertail underneath the bottom of your cowl so it slips right below your

rear fender. Adjust so it sits properly in the groves and that the holes line up where those body clips were installed at before. Use the screws and rubber nutserts to install on the two attachment holes. Installing the seat lock you may need to cut a small notch in the undertail for the lock to fit in correctly. Fit the cable to the lock and slide the spring clip in place to hold the seat lock into the undertail.

5. Installing Rear Cowl

You will want to connect your wiring for your turn signals and plate light and tail light if you have not already done so making sure all works.

To install the rear cowl is the same as you uninstalled it install your hex bolts up front by the fuel tank and the two screws by the seat latch. You can put your seat back on and marvel at your wondrous undertail.

