



# Undertail Install Instructions

NEW  
DESIGN

# IMPORTANT NOTE

BEFORE YOU BEGIN THE INSTALLATION PLEASE READ THROUGH THESE INSTRUCTIONS TO GIVE YOURSELF A BETTER UNDERSTANDING OF THE PROCESS.

IT IS RECOMMENDED THAT YOU LOOK AT THE END OF THESE INSTRUCTIONS FOR TIPS ON GIVING YOUR BIKE THE PROFESSIONAL FIT YOU'RE LOOKING FOR.

# STEP 1

## REMOVE THE REAR SECTION OF THE BODY

There are plastic body connectors as well as bolts inside the tail in addition to the allen-head bolts on the outside surface.

B  
E  
F  
O  
R  
E



A  
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STEP

2

## THE INNER FENDER

It is optional if you would like to remove the inner fender. If you have proper tools (i.e. dremel tool) it is not necessary. If you choose to remove, unplug battery and take it out and remove the solo seat's lock (only 2 screws that go in the sub-frame).



(Inner Fender Being Removed)

TIP:

-IF YOU DECIDE TO LEAVE ON THE INNER FENDER:

REMOVING ALL THE SCREWS THAT HOLD THE INNER FENDER TO THE SUBFRAME WILL ALLOW IT TO DROP AWAY GIVING YOU THE APPROPRIATE ROOM TO CUT.



## CUTTING THE INNER FENDER

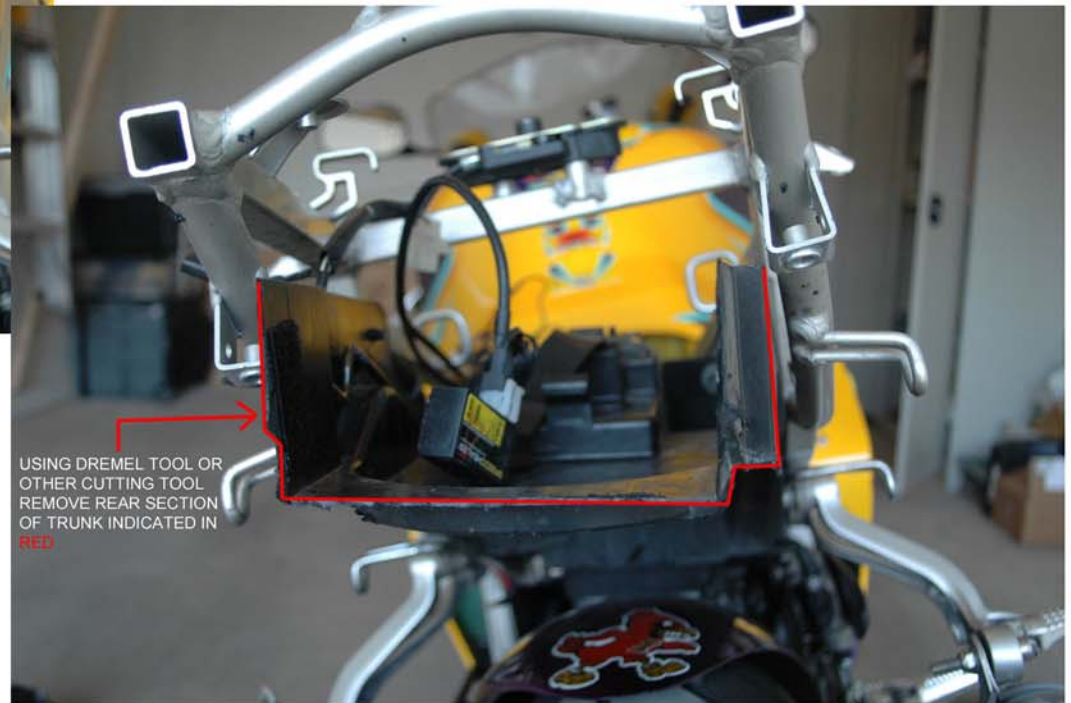
Cut along the RED LINE removing the tail light section.



STEP  
4

## CUTTING BACK TRUNK OF THE INNER FENDER

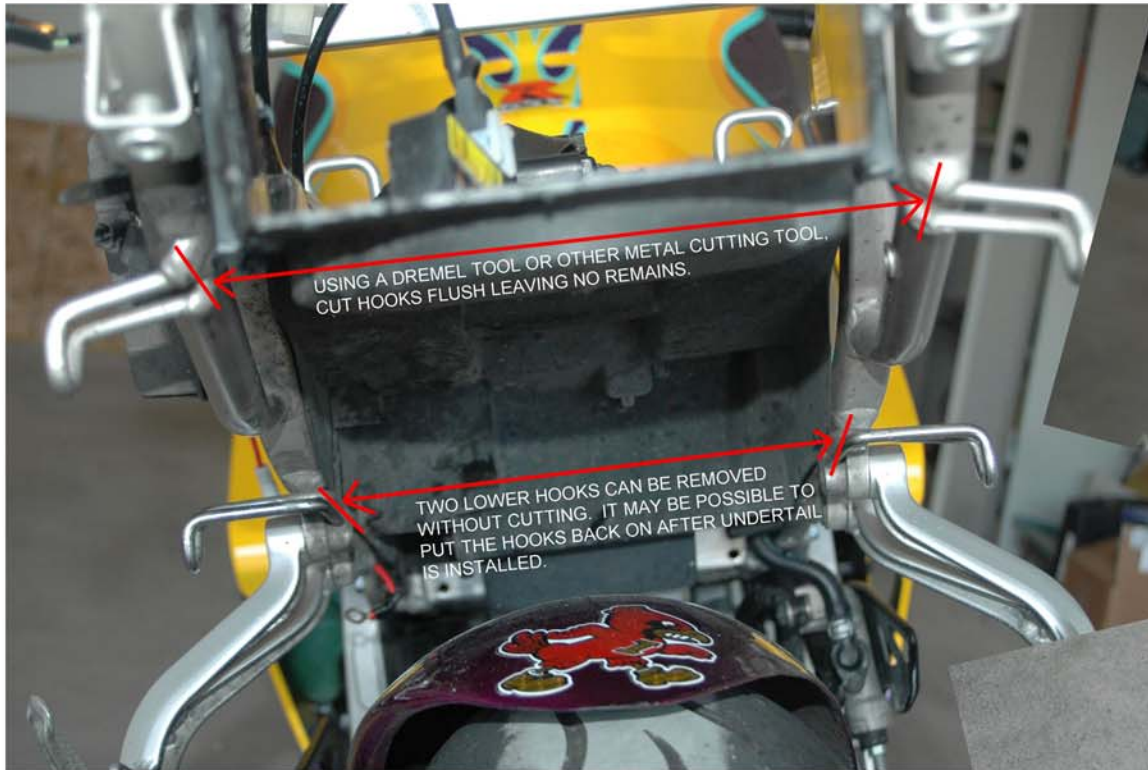
Remove the rear section of the trunk by cutting along the RED LINE as indicated in the pictures.



STEP  
5

## CUT THE REAR HOOKS FLUSH TO THE TUBING

To avoid gaps, remove hooks completely. Leaving any remains may cause gaps between solo seat and tail section.



STEP  
6

## CUT THE DRAIN TUBE

Using a dremel tool or hand saw, cut the drain tube which is located under the battery. Don't leave any remains!





# STEP 7

## ASSEMBLING THE LIGHTS

Assemble the lights prior to installing the undertail section.



**TIP:** -USE YOUR OWN STOCK LIGHT SOCKETS. THAT WAY YOU WON'T HAVE TO CUT ANY WIRES.  
-DON'T OVERTIGHTEN BOLTS.

# STEP 8

## REINSTALLING THE TAIL SECTION

Reinstall the tail section using the front seat bolts only. Tighten the bolts just enough to hold the tail section in place.



STEP  
9

## FASTENING THE TRUNK

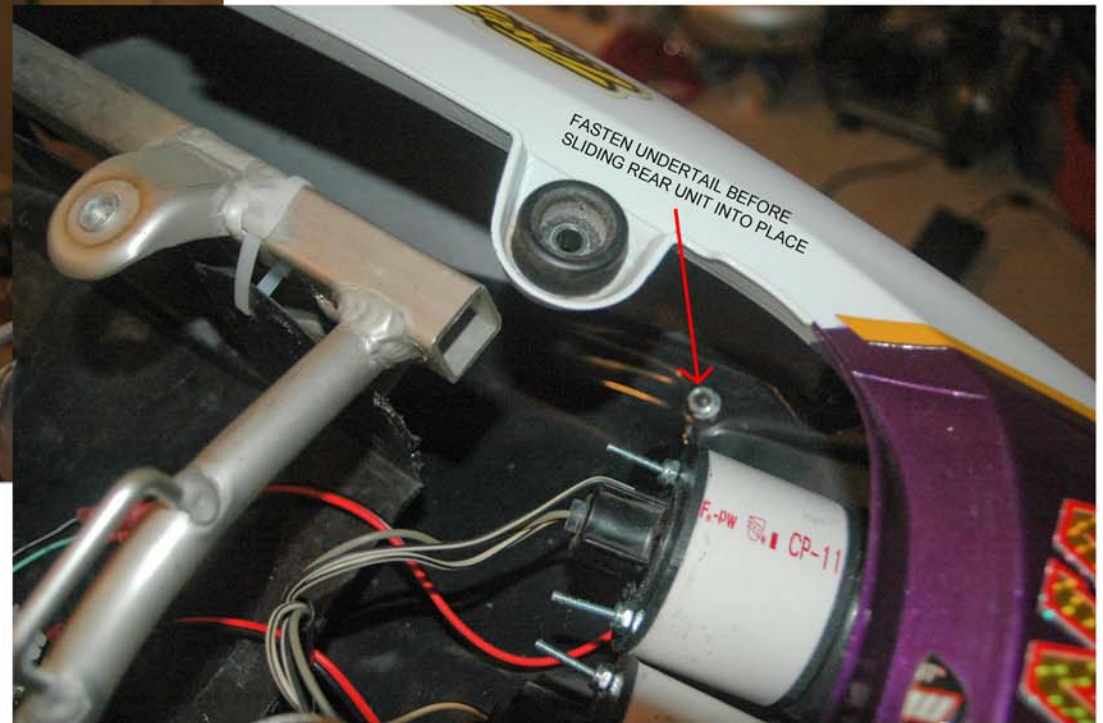
Drill two holes and use a fastener (Zip-Ties work best) to secure the trunk to the subframe.



# STEP 10

## FASTENING THE UNDERTAIL SECTION

Slide the undertail from back to top, top being where the lenses are are. Don't overtighten the bolts.



**TIP:** -WHEN DRILLING USE MASKING TAPE TO AVOID ANY DAMAGES TO THE PAINT.  
-USE A DRILL BIT THAT IS A HAIR BIGGER THAN THE SCREW BEING USED.

# STEP 11

## FASTENING THE BOTTOM OF THE UNDERTAIL SECTION

Using two screws provided, mark area to be drilled using masking tape to avoid damage to the paint. Use images for reference.



### TIP:

- START DRILLING ONE SIDE FIRST. HOLD BOTH THE TAIL SECTION AND UNDERTAIL WITH YOUR HANDS (HAVE A FRIEND HELP).
- USE A 13/64 DRILL BIT AND DRILL HOLE. CONTINUE WITH THE OTHER SIDE.
- DUE TO VIBRATION IT IS RECOMMENDED TO APPLY SOME HOT SILICONE TO THE HEAD OF SCREWS TO KEEP THEM FROM LOOSENING.

STEP  
12

CONGRATULATIONS, YOU'RE DONE!

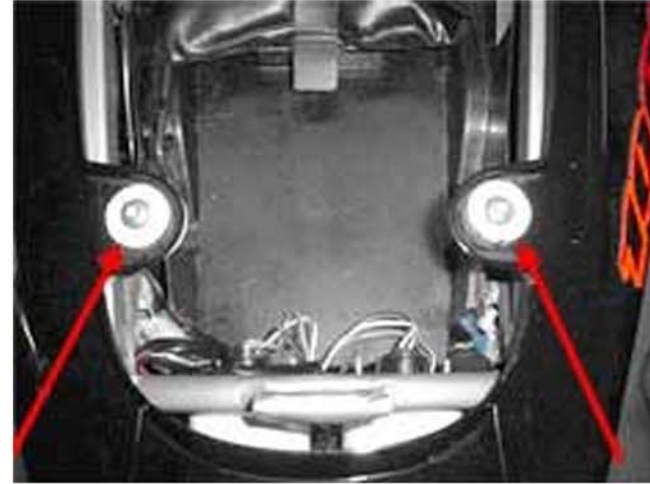
Make sure to test your lights and start enjoying your new Undertail from IDEALCYCLE.COM



# TIPS

## ELIMINATING THE GAP BETWEEN THE TAIL SECTION AND THE SEAT COWL

Remove the rubber caps from the tail section (as shown in the picture). Install the 2 white washers provided in the tail section where the rubber caps used to be.



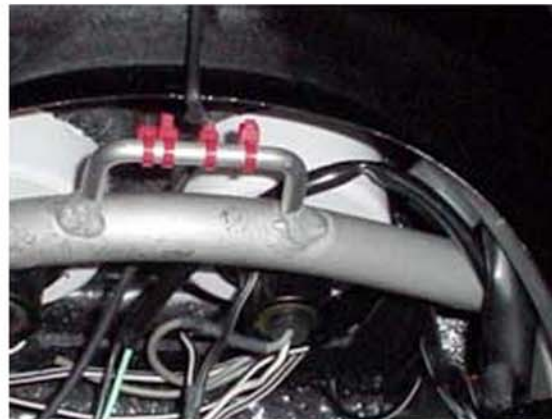
## AVOIDING VIBRATIONS

use tape around the lock of the seat cowl and the plastic cowl to avoid vibrations.



## SECURING THE SUBFRAME

Place 4-6 fasteners between the sub frame and the remaining plastic of the original inner fender. You can choose from a number of areas, but make sure that the inner fender is secured to the sub frame.



## SCRATCHES

If during the installation process you happen to scratch your bike, consider getting a touch up paint. Under \$5.00 at you local Wal-Mart.

