

V-Star 1100 & Dragstar 1100 Modification

V-Star Driving / Passing Lights Installation with Factory Chrome Light Bar Cover

Modify your factory installed light bar cover to fit on Yamaha brand driving/passing lights.

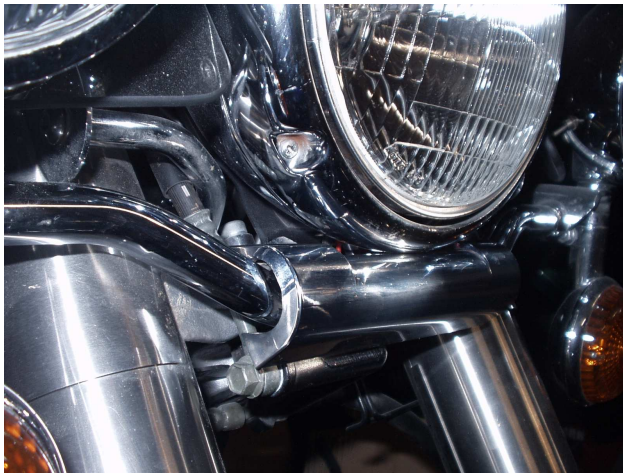
When I decided to install driving lights on my V-Star 1100, I bought the Yamaha brand driving / passing lights. I do not know if they are the best lights or best product for the money. I like the looks and size of the lights and they fit well with the Yamaha brand windshield.

Installing the lights was not difficult, but was tedious to get them aimed for driving. The light bulbs and outer retaining bulb ring must be removed to adjust the light housing for aiming the lights. Once they are installed they look nice and work well.

What I did not like was that the new passing lights bar did not have a chrome cover over the mounting bolts like the original factory installed turn signal bar. The bolts for the passing lights bar were exposed and did not look good.

I then modified the factory chrome cover used on the turn signal bar to install over the bolts on the bar of the new driving lights. This is not difficult, but requires a rotary tool or other grinding tool to modify the back retainers and reshape the sides and top of the cover.

The following pictures show the installed passing lights with the cover and without the cover installed.



The inside or backside of the cover is modified to allow clipping or attaching the cover to the curved passing lights bar. The top edge of the cover is modified to fit over the bolts and mounting bracket. And the ends of the cover are filed to fit over the upward curve of the passing lights bar. These instructions and pictures will help to complete this modification.

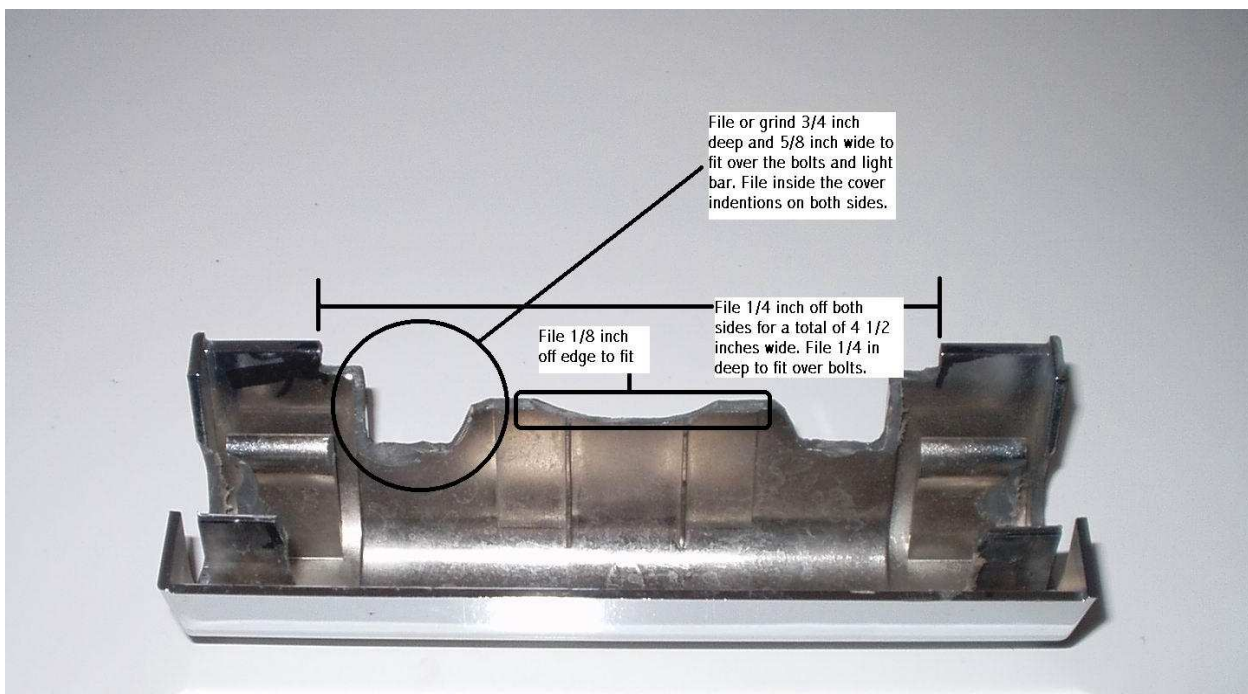
Modify your factory light bar cover to fit on Yamaha brand driving/passing lights.

Use a rotary tool to widen the fastening area of the lower backside clips on the cover. The total width between the clips should be $4 \frac{3}{4}$ inches. Trim off $\frac{1}{4}$ inch on both inside ends of the lower backside attachment clips. Trim the clips equally. The following picture shows a modified cover.



Narrow the clips on both ends to fit over the welds on the bar. The cover will not attach to the bar if the width between the clips is too narrow. If the width is too wide the cover may slide sideways on the bar. Narrow both clips equally to center the cover over the welds on the lower edge of the bar.

The top of the cover is modified to allow the cover to fit over the bolts on the light bar. The top edge of the cover is filed $\frac{3}{4}$ inch deep and $\frac{5}{8}$ inch wide to fit over the bolts. The back top edge is filed or ground $\frac{1}{8}$ inch to fit over the light bar fastening bracket. Use care when filing chrome covered plastic. The following picture will help to complete this step in the modification.



Modify your factory light bar cover to fit on Yamaha brand driving/passing lights.

The ends of the cover are modified to allow the cover to fit over the upward curved light bar. The upper openings on the ends of the cover that fit over the bar must be filed to enlarge the area. Grinding the cover ends will allow the cover to fit and clip onto the bar. The end openings are filed or ground at an angle to match the slope of the bar.



File or grind the upper outer edge and inside upper retainer clip to allow the cover to fit over the light bar. The light bar slopes upward and the cover is filed or ground at an angle to fit the slope of the bar.



This picture shows the outer end of the cover. The ends of this cover have been modified by enlarging the area on the upper edges to fit over the upward curving light bar.

The ends must be enlarged 1/8 inch on the top edge. The cover edge can be slanted upward to match the curved bar. Modify the cover ends until it fits without the outer chrome cover touching the bar.

Modify your factory light bar cover to fit on Yamaha brand driving/passing lights.

Sometimes the modified light bar cover may touch the bottom of the headlight. Modify the cover, or adjust the bar or headlight if you notice the headlight touching the bar cover.

This modification makes the V-Star motorcycle with Yamaha driving lights look better. The light bar bolts are covered and the chrome cover improves the appearance of the front of your bike. Other V-Star riders will notice how nice the front of your bike looks with the chrome light bar cover installed



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Have a good day and safe ride.