



MOTORCYCLE PRODUCTS-DESIGN & MANUFACTURE

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Installation Instructions for Yamaha Stratoliner/Roadliner Fairing w/4 Speakers

Your new fairing has been shipped with all the necessary hardware for a basic installation. If you have any questions after reading the information in this sheet, please contact Hoppe at: tech@hoppeindustries.com. **Please read all the way through the instructions before starting the installation**, as five minutes spent now may save you many times that later.

Before you start:

Please note that some inside areas of the fairing front are visible when the fairing is assembled. It is important that you let your painter know to paint the inner edge for at least 1" when they paint the front so that no primer is left showing.

1) To prepare the bike for mounting the inner, you will have to replace the OEM windshield mounting points using the stainless bushings & hardware that came with your new fairing. Remove the bike's windshield and then the large left & right chromed stamped pieces from either side of the headlamp that hold the windshield attachments. Take note of the spacer tubes used on the mounts, HINT- it may be easier to do one side at a time so you have a reference. The original windshield mount "rollers" and cap screws will be removed and replaced with ones supplied with the fairing as shown in the picture to the right. From the inside of each stamped piece insert two 1 1/4" long 5/16" socket head cap screws (SHCS). From the outside, place a chromed 8mm flat washer (to protect the chromed stamped piece) and secure it tightly with a standard nut (not a Nylok lock nut) and a drop of #242 Loctite. This will give you threaded studs to hold the 8pc bushing



set and flat washers used as spacers. The stainless bushings are used in sets, two stepped spacers per set as shown to the left. For the initial installation & setup, use (2) 5/16" flat washers between each bushing set and the nut. These are used as spacers for centering the fairing to the headlamp and may be adjusted later from side to side. For the initial setup, use the remaining standard nuts to hold the washers and bushings on loosely instead of the Nylok ones shown in the picture. This will allow fast removal and replacement during the fitment. Spin the standard nuts down to the bushings and then loosen each one about 1 1/2-2 turns.

This will allow you to slide the fairing into place easily on the bike. Attach the power cord to the fairing, and lock it in place with a 1/4 turn of the locking ring. Start the bottom of the fairing brackets into the gap between the bottom spacer halves, lowering it until you can get the top slots of the brackets to go into the top spacers. The fairing should now be able to be tilted back towards the bike and then dropped down another 1/2" or so to bottom out in the bracket slots. To check that it has fully locked in place, try pulling forward on the fairing. Snug the four standard nuts to hold the fairing firmly in place, and look at the centering on the headlamp. You may end up with 3 washers on one side and 1 on the other or even none on one side and 4 on the other; just use the same amount top and bottom. When you are satisfied with your install, remove the 4 standard nuts from the outer ends of the studs and replace them with the Nylok "lock nuts" supplied. This will keep them from loosening in use, while still being removable to take the fairing on/off as desired.

Safety warning -Never operate the bike without the Nylok nuts being tight.

2) Route the power cord under the gas tank and through to the battery area. Leave enough cord so it doesn't get pulled tight in a full turn to either side, but don't have so much of a loop that it can get caught on anything.

Crimp-on connector terminals are supplied for the three power wires. The two ring terminals are for the battery posts. Call us or ask your local shop/mechanic if you are not confident about wiring.

*The black wire goes to the negative battery terminal.

*The red wire goes to the positive battery terminal. **Connect it first.**

*The orange wire goes to an ignition controlled + lead.

(Brown wire with Blue Stripe found at the fuse box assembly

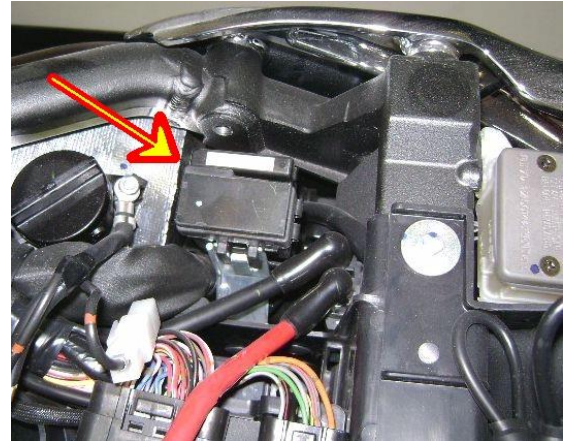


under the seat, see pictures.)

The fuse box assembly slides up off of its mount to expose the wiring underneath.

Use the crimp-on "vampire" tap-in splice

connector supplied with the fairing on the larger of the two brown w/ blue wires. The fairing's power cord orange wire



will plug into the vampire connector using the 1/4" male spade connector supplied. Once all three wires have been connected, you can turn on the bike's ignition to verify the radio operation before returning the fuse box into position and replacing the seat.

(3) Position the windshield in place and start the windshield screws from the outside, with a stainless washer on each screw. On the inside, place a chromed acorn nut and chromed washer on each screw, placing a drop of Loctite inside each nut. Placing the Loctite in the nut will help prevent it dripping on painted surfaces or the windshield itself, as Loctite will attack some plastics and paints. Tighten the windshield screws finger-tight. Snug the windshield nuts to about 15-20 inch pounds, just enough to not flex the fiberglass flanges into the slots and holes in the shield. The Loctite will keep them from coming loose. After paint, use the Loctite on the 6 screws that hold the front & inner fairing halves together and do not over tighten.

Important safety information-please read!!!

Any modification like adding a fairing, extended controls, different handlebars, etc., **will have an effect on your bike's handling.** That doesn't mean bad, just different. Take some time to get to know your bike after installing your fairing. The decreased wind felt by the use of a fairing can affect your perception of speed, leading you to possibly drive faster than you are aware of. Crosswinds and passing large vehicles will have an effect because of the larger front surface area. Handling in parking lots may feel slower.

Last but definitely not least - take the time BEFORE your first ride to become familiar with your new radio's controls. Set the preset channel buttons, adjust the volume and tone, and know how to turn it off & on and change sound sources without having to take your eyes off the road. Your new fairing will give you miles of smiles and get you there less fatigued-but not if you plow into something while playing with the radio!!!!

Installation Items Included

- 8-piece Mounting Bushings set
- (4) 5/16" x 1 1/4" SS SHC Screws
- (8) 5/16" SS Flat Washers
- (8) 5/16" SS Standard Nuts
- (4) 5/16" SS Nylok Nuts
- (4) 8mm Chromed Flat Washers
- (1) #242 Loctite Packet

Electrical Items Included

- (1) Power Cord
- (1) Fuse holder w/15 amp fuse and blue terminal attached
- (1) Yellow ring terminal
- (1) 1/4" male spade terminal
- (1) "Tap-In" splice connector
- (1) Wire Nut (crimp-type)