



MOTORCYCLE PRODUCTS-DESIGN & MANUFACTURE

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***Installation Instructions for Yamaha Road Star 16/1700 Fairing***

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

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**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.**

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While your new fairing front is being painted, you can set aside the windshield and mount the inner portion of the fairing, including the power cord.

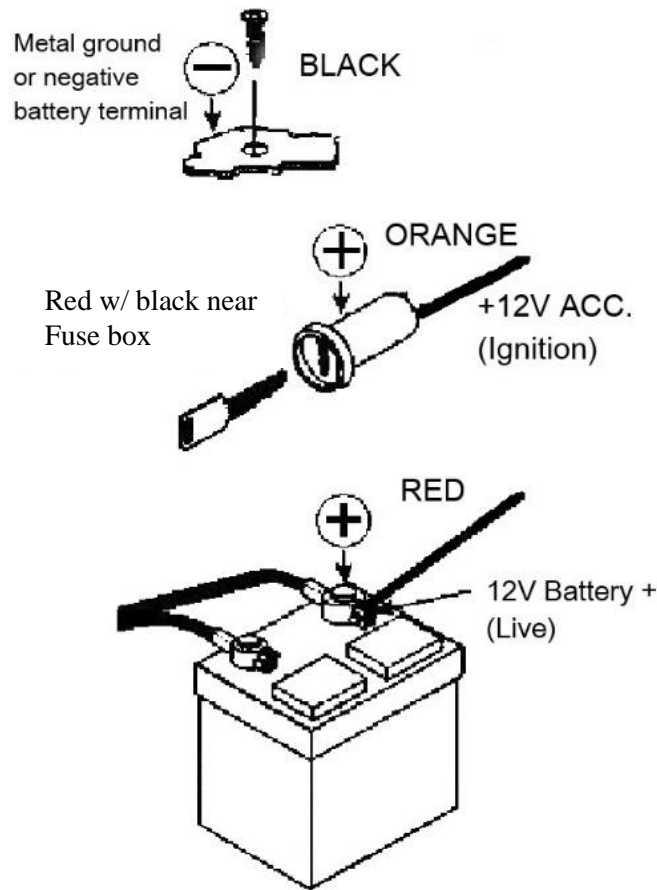
- 1) To prepare the bike for mounting the inner, you will have to remove the factory windshield from the mounting brackets. Remove the two screws and washers from each side, and set the windshield aside. The screws will be reused to mount the fairing. Next, remove the bike's seat and left side cover.
- 2) Route the loose wire end of the power cable down through the left side wire loom, following the path of the clutch cable. Leave 8" of cord between the loom and twist lock connector. (**See Fig. 1**) Pass the cord under the tank along the left side of the frame, following the main wiring bundle down to the battery area under the seat. Leave enough cord that 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.
- 3) Attach the power cord to the fairing, and lock it in place with a ¼ turn of the locking ring. Cover the headlamp with a towel to protect it from scratches. Position the fairing in place taking care not to damage the power cord plug, and hand-tighten the four socket head cap screws w/washers to hold the fairing loosely in place. **Use the supplied Loctite generously on the mounting screw threads.** Position the tilt of the fairing to get the proper gap appearance between the top of the headlamp and the fairing. Tighten the four cap screws to their original torque to secure the fairing.
- 4) Crimp-on connector terminals are supplied for the three power wires. The two ring terminals are for the battery posts.

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

\*The black wire goes to the negative battery terminal.

\*The orange wire goes to an ignition controlled + lead. We recommend the red wire with the black stripe, located in the wiring bundle next to the fuse holder. (**See Fig. 2**) A soldered connection is best, but the supplied "vampire" tap splice will work also. Placing a dab of dielectric grease or acrylic caulk inside the splice connector before squeezing it closed with pliers will protect the wire from corrosion.

**Note: Call us or ask your mechanic if you are not confident about wiring.**



**Be careful to observe polarities as shown!!  
Please contact us if you are unsure.**

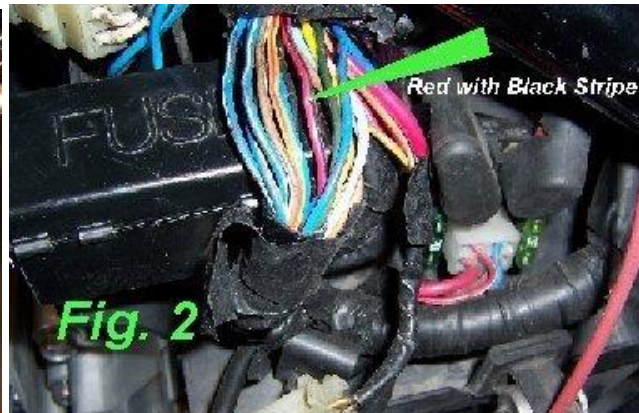
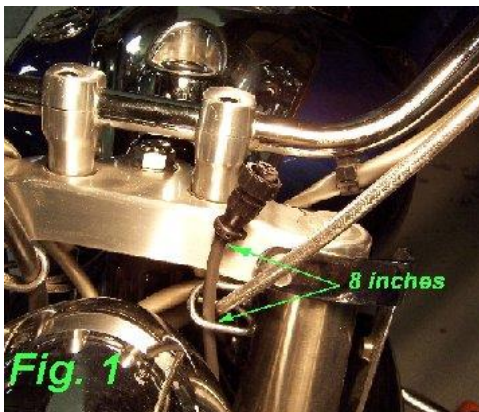
5) After reading the instructions for the radio, turn on the bike and try out the radio for proper operation. Program the security feature if you wish, according to the instructions.

6) Remove the fairing from the bike to reassemble it to the front after painting. Assemble the painted front to the inner without the windshield, using a drop of 242 Loctite on each screw. Start the bottom screw on either side one or two turns each. Next position the windshield in place and start the two "middle" windshield screws (not the exact center one) as follows: Start the two stainless 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 two windshield screws finger-tight. Start the remaining four side screws into the fairing one or two turns each, and then the remaining three windshield screws. Once all eleven screws are started, snug up the bottom one on each side to 20-25 inch pounds (1½-2 ft lbs), followed by the other four. 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. The two "middle" holes let those two screws act as deadbolts and prevent the shield from coming off by accident, even with minimal force on the screws. Applying greater force will only break the fiberglass or crinkle your new paint from flexing the flange. Reinstall the fairing onto the bike, and using the Loctite provided, tighten the socket head cap screws that hold it in place onto the bike's windshield mount.

## Important safety note-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 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!!!!!!

**Note: Your stereo includes a CD player. The player may skip due to the angle of the stereo in the fairing.**



### **Installation Items Included**

- (1) 242 Loctite packet
- (1) Power cord
- (1) Ring terminal
- (1) 1/4" male terminal
- (1) "Tap-In" splice connector
- (1) Fuse holder w/15 amp fuse
- (1) Crimp-on end connector