



MOTORCYCLE PRODUCTS-DESIGN & MANUFACTURE

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Installation Instructions for Suzuki C50 Vanillazilla 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 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.

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. C50-T Owners: This fairing requires std. C50 turn signal mounting brackets, available from your Suzuki dealer.

- 1) To prepare the bike for mounting the inner, you will have to remove any windshield mounting brackets and the turn signal assembly. Cover the front fender with a towel to protect it from scratches. Remove the turn signal bar chromed plastic cover, exposing the two M8 signal assembly mounting screws. Remove the two screws, and allow the turn signal assembly to hang down by its wires.
- 2) Attach the large mounting brackets to the bike with the (4) M8 x 20mm socket head cap screws, starting with the top screws and using 242 Loctite (included) on the threads. The top screws each use a 5/16" flat washer; start them by hand and leave them loose by one or two turns. See *Fig. 1*. The bottom screws do not use washers, only Loctite. The bottom screws go through the turn signal brackets, with the fairing brackets sandwiched between the signal bracket and the lower tree. Snug the lower screws, then final torque the top ones and then the lowers.
- 3) Put a small towel over the headlight to protect it from scratches, and position the fairing in place, **making sure the fairing's brackets slide behind the ones on the bike.** See *Fig. 2*.



Fig. 1



Fig. 2

Secure the fairing brackets to each other with the (6) 5/16"-18 x 3/4" button-head socket cap screws and nyloc nuts, using a 5/16" flat washer under the screw heads and locknuts. Get all (6) sets of hardware started by hand before final tightening of the screw/washer/nut sets. It's easiest to fine-tune the fairing position for level by snugging up one screw on each side, just enough that you can move the fairing around a little but have it stay in place by itself. Once it is aligned right, tighten all six sets of screws. No Loctite is needed on these fasteners.

4) 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 capscrews 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.

Materials Included

- (1) LH mounting bracket
- (1) RH mounting bracket
- (4) M8 x 20mm Socket Head Cap Screws
- (6) 5/16”-18 x 3/4” Button Head Cap Screws
- (6) 5/16”-18 Nyloc Nuts
- (14) 5/16” Flat Washers