Table of Contents
Introduction ............................................. 2
Component Diagram .................................. 3
Part Identification .................................... 4
Turnsignal Installation ............................... 5
Windshield Installation .............................. 6
Final Adjustments .................................... 7
Troubleshooting ....................................... 8
Maintenance .......................................... 9
Warranty .............................................. 10

Introduction

This manual, along with the Hardware Mounting Instructions, contains important information regarding the proper installation, safe operation, and maintenance of your fairing.

We urge you to read these manuals completely and understand all components of your fairing and follow the recommendations to obtain the most trouble-free and enjoyable operation of it.

Complete the procedures in the Hardware Mounting Instructions before referring to this manual for turnsignal and windshield installation, and final adjustments. We suggest you insert the Hardware Mounting Instructions into this manual for future reference.

If this manual and the mounting instructions, statements preceded by the following words are of special significance:

WARNING: means that there is the possibility of personal injury to yourself and others.

CAUTION: means that there is the possibility of damage to the fairing and related components.

NOTE: indicates points of particular interest for more efficient and convenient installation and operation.

First, we recommend that as you unpack your fairing, you use pages 3 and 4 to study and recognize the various components.

As you are following the instructions, double check the following critical points:

1. Carefully check wiring color codes.
2. Always install turnsignal washers with the rubber side toward the fairing.
3. Check the handlebar and fairing clearance.
4. Tighten all fasteners before operating your motorcycle with the newly installed fairing.

Periodically check and retighten all fasteners after installation.

SPECIAL NOTE: All information herein is based on the latest product information available at the time of publication. Vicker Corporation reserves the right to change design specifications, and make additions or improvements in its products without notice and without incurring any obligation to make such changes in products previously manufactured.

WARNING: YOUR QUICKSILVER FAIRING AND HARDWARE HAVE BEEN DESIGNED AS AN INTEGRATED STRUCTURAL SYSTEM. UNLESS THE FAIRING IS MOUNTED TO ITS HARDWARE BRACKET IT MUST BE TREATED CAREFULLY TO AVOID DAMAGE.

NOTE: In an emergency, the Quick Silver fairing 5" x 8" sealed beam headlight can be replaced by any standard American 5" x 8" sealed beam headlight available at service stations and department stores.
Component Diagram

1. Windshield
2. Windshield Clip
3. Headlight Retainer Ring
4. Headlight Retainer Ring Screw
5. Headlight
6. Headlight Shell
7. Wiring Harness
8. Turnsignal Assembly
9. Engine
10. Serial Number Decal
11. Tonneau Cover
12. Headlight Mask
Part Identification

1. Black Electrical Connector
2. Hardware Mounting Bracket
3. Nut/Threaded Stud
4. Washer
5. Flat Washer
6. 8mm Lock Nut
7. L Bracket
8. Nylon Cable Tie
9. No. 8–32 Nut
10. No. 10 Nylon Flat Washer
11. Nylon Bolt
12. 6 mm Hex Nut
13. Windshield Clip
Turnsignal Installation

After the fairing has been mounted, the next step is to install the turnsignal.

**NOTE**
If your hardware kit comes with the rubber mount isolators, follow the instructions with the rubber isolators for the Front Fairing Mounting.

1. Prepare the two remaining 6x26mm bolts with Acorn washers (rubber side toward the fairing). Thread the bolts through the "L" brackets, fairing, hardware rails and fan washers. Secure the bolts with the provided locknuts. **Note:** Do not tighten completely at this time.

2. Mount your turnsignals to the fairing using the sequence at the right. **Note:** If there are gaps between the "L" brackets and the fairing, use the additional black nylon washers as shown. Tighten the locknuts, but do not overtighten.

3. Tighten all 4 mounting bolts, but do not over tighten.

4. Reach inside pockets and pull the fairing wire harness into a more accessible position.

5. Hook up turnsignals using the wire color code.

**Wire Color Code**

<table>
<thead>
<tr>
<th>Turnsignal</th>
<th>Function</th>
<th>Fairing</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Ground</td>
<td>Black</td>
</tr>
<tr>
<td>Brown</td>
<td>Running</td>
<td>Green</td>
</tr>
<tr>
<td>Red</td>
<td>Turnsignal</td>
<td>Blue-RIGHT Violet-LEFT</td>
</tr>
</tbody>
</table>

6. Check the operation of all electrical components before continuing. See the "Troubleshooting" section for assistance if necessary.

---

**Front Mounting Bolt Assembly**

![Diagram of turnsignal installation](image)
Windshield Installation

The next step is to properly install the windshield to ensure safe use.

**CAUTION**

The windshield and headlight mask bolts are nylon. Over-tightening the bolts will result in bolt failure.

1. Remove the mask from the fairing.

2. Using a nylon bolt, puncture the windshield gasket at each of the 4 hole locations.

3. Position the two clips on the windshield 1/8" (1.5mm) above the outside camera of the windshield.

**CAUTION**

Carefully position the windshield clips. Repositioning the clips will scratch the windshield.

**WARNING**

Carefully install the windshield and fairing bolts. Failure to install the windshield properly may result in windshield damage. The windshield and fairing bolts are intended to protect you in an accident.

4. Place the windshield on the fairing. Insert the studs of the clips through the fairing and install the key nuts. (Pull to secure, but do not overtighten.)

5. Place the mask on the fairing. Install two of the supplied nylon bolts through the mask, windshield and fairing securing with the nylon flat washers and nuts. Finger tighten only.

6. Remove the long nut covers. Slide the two remaining nylon bolts into the bracket holes of the headlight mask. Inside the pocket, install the large supplied nylon washers and nuts. Finger tighten only.

7. Adjust the mask so it is snug against the fairing. Tighten all bolts and nuts.

**WARNING**

Failure to install the windshield properly and maintain bolt tightness may result in windshield damage. If the windshield ever becomes damaged, it should be replaced for safety reasons.
Final Adjustments

**WARNING**

CHECK THE FOLLOWING TO BE SURE THAT:
- YOUR FRONT BRAKE CLUTCH LEVERS DO NOT ENGAGE WITH THE WINDSHIELD OR FAIRING IN FULL LOCK POSITIONS.
- THE FORKS CLEAR THE FAIRING WHEN THE HANDLEBARS ARE TURNED TO FULL LOCK POSITIONS.
- THE WIRING HARNESS AND CABLES DO NOT CATCH ANYWHERE ON THE MOTORCYCLE OR FAIRING WHEN THE HANDLEBARS ARE TURNED TO FULL LOCK POSITIONS.

If any of these problems arise, the following should solve them:

If necessary, adjust your motorcycle's handlebars and position to provide adequate clearance for maximum turning radius. Loosen the bolts securing the handlebars and rotate them back toward the motorcycle as required. Check for adequate clearance and tighten the bolts.

**Headlight Adjustment**

1. Loosen the bolts inside the fairing pockets located on both sides of the headlight.
2. Make necessary adjustments by gently rotating the headlight assembly up, down, or side to side.
3. When the headlight is in the correct position, retighten the nuts and snug enough to hold the headlight securely.
Troubleshooting

If your problem is electrical, first check your color code to make sure the proper wires have been connected. If the power is getting to the wiring harness, check to see that the wiring harness is making a good connection. If still no power is getting to the wiring harness, check the motorcycle's fuses and consult the motorcycle's owner's manual for determining the cause of fuse failure before replacing the fuse. The next step is to check the black electrical connectors or bolted connectors (depending on your model bike) for good contact. If this is done by reversing the steps to connect them, unsnap the black connector. Check the wire to make sure the hole has cut through the insulation to the wire itself. Retap the black connector. A loose bullet connector can be improved by unplugging the connector and making the female receptacle smaller by use of pliers and then recrediting the bullet connector. If your headlamp is weak and your turn signals don't function properly, your ground connection is probably not making good contact, or your battery is weak and needs to be serviced.

CAUTION

BECAUSE OF THE LIMITED CHARGING CAPABILITIES OF SOME MOTORCYCLES, VITIER CORPORATION DOES NOT RECOMMEND THE USE OF OUR RUNNING LIGHTS OR OPTIONAL QUARTZ HEADLIGHT UNLESS THE MOTORCYCLE HAS THESE FEATURES AS STANDARD EQUIPMENT.

If there are any problems that cannot be solved by yourself, contact your dealer. If your dealer is unavailable, contact the Vitter Corporation Customer Service Department, P.O. Box 330, Plano, IL 61065 (217) 893-0330.

Legend

- Female Bullet Connector
- Male Bullet Connector
- Connection
- No Connection

Diagram:

- Headlight socket
- Left Turn signal
- Right Turn signal
- Headlight plug
- Blk (Ground)
- Wht (High)
- Wht (Low)
- Blu (Turn)
- Grn (Running)
Maintenance

Vetter fairings require little maintenance, but we recommend that you do make periodic checks. The mating surfaces, mounting bolts and the windshield assembly should be checked for wear and tightness and adjustments made as necessary.

Cleaning the Fairing and Windshield

When washing, use a mild detergent and warm water. Rinse well. Washing and drying should be done with a soft flannel cloth or chamois.

CAUTION: DO NOT CLEAN WITH AN ABRASSIVE CLEANER, ETHYL OR METHYL ALCOHOL, GASOLINE OR SOLVENT, AS THESE MATERIALS CAN CAUSE DETERIORATION OF ACRYLIC PLASTIC.

CAUTION: NEVER ALLOW HYDRAULIC FLUID TO COME IN CONTACT WITH YOUR FAIRING OR WINDSHIELD.

REMOYE oil, grease or tar with isopropyl alcohol or a good grade of spray degreaser.

MINOR SCRATCHES may be removed with plastic polish or automobile wax. Apply, polish and polish gently with dry flannel cloth or chamois.

FOR DEEPER SCRATCHES remove by lightly rubbing with 400 grit "wet or dry" paper but driven with a good grade of fine grit buffing compound and a clean soft muslin wheel (a 1/2" electric drill has sufficient RPM for this purpose).

Waxing the Fairing

Furniture polish works well. Apply and polish gently with a dry flannel cloth.

Structural Repair

Structural damage to the fairing may be repaired by using our Hoxia Repair kit which includes Resin and Cream Hardener, plastic filling material, stick film and instructions for using the kit.

Regular automotive body putty can be used to prepare the surface of the fairing for painting. Because certain substances can attack the fairing body and cause it to deteriorate, we do not advise using any materials other than the Hoxia Repair kit or automotive body putty.

Headlight Replacement

To replace the headlight, remove the 4 screws and the headlight retaining ring. Install the new headlight and the retaining ring. Secure the ring with the 4 screws. Squeeze the headlight assembly together while replacing the screw to ensure that the headlight is seated in its housing.

Quartz Headlight (optional)

When handling the quartz bulb, handle by the base only. Do not touch the glass, as this can cause premature failure. If the bulb is touched, clean using isopropyl alcohol with clean cotton.

Replacement Parts

We recommend that you always use Genuine Vetter Replacement Parts or their equivalent. Contact your local Vetter dealer to purchase or order replacement parts.

Painting Instructions

If you desire to repaint your fairing, we recommend that the following instructions be used.

1. Remove the fairing side decals.
2. Sand thoroughly with 220 grit wet sandpaper.
3. Reseal with 400 grit wet sandpaper.
4. Dry thoroughly.
5. Start with DuPont 1000 Multi-Purpose Primer.
6. Spray DuPont Weight after Acrylic Enamel with '7065 or '7865 Hardener
7. Install the new fairing side decals.

NOTE: If painting problems arise, please contact your local DuPont dealer.
Limited Warranty

This Warranty applies to products manufactured or distributed by Vetter Corporation, Round Lake, IL 60073, and sold by Vetter Corporation and its authorized dealers in the United States, Puerto Rico, and the Virgin Islands. It is given to the first retail purchaser only and is not transferable to subsequent owners.

WARRANTY COVERAGE: Vetter Corporation warrants that 1. this product is free from defects in material and workmanship under normal use. Parts repaired or replaced under this warranty are warranted only during the balance of the original warranty period. THIS WARRANTY DOES NOT INCLUDE ANY LABOR CHARGES FOR TROUBLESHOOTING, REMOVAL OR INSTALLATION.

Exclusions from Coverage: 1. Any repairs or replacements of parts necessitated by misuse, negligence, fire, accident, damage caused by exposure to gasoline, brake fluid, harmful solvents and cleaners, dust, or minor material use of unauthorized accessories, faulty installation, installation upon motorcycles or vehicles not sold by Vetter Corporation's retail and dealer catalog sheets, or improper or unreasonable maintenance are not covered. 2. This Warranty does not cover "Takes" damages.

DISCLAIMER OF CONSEQUENTIAL DAMAGES AND LIMITATIONS OF IMPLIED WARRANTIES: TO THE EXTENT THE LAW PERMITS, VETTER CORPORATION SHALL NOT BE LIABLE UNDER ANY CIRCUMSTANCES FOR LOSS OF USE OF THE PRODUCT CONSEQUENTIAL OR INCIDENTAL DAMAGES. ANY IMPLIED WARRANTY ARISING UNDER LAW INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.

NOTE: Shortages or incorrect parts must be reported to your dealer as soon as possible. Should you receive incorrect parts, do not use them. Vetter Corporation assumes no responsibility for use of the iteming without all of the correct parts.

To Obtain Warranty Service: Information you must provide when filing claim: 1. Name, mailing address and telephone number. 2. Service dealer's name and address. 3. Serial number on specified products. 4. Make and year of motorcycle. 5. Date product was purchased. 6. Date and mileage at failure. 7. Description of problem.

Steps to Take: 1. Contact your Vetter dealer (preferably the selling dealer) at your expense. 2. If you are unable to obtain warranty service or should your warranty claim be denied for reasons that you consider unsatisfactory, contact your dealership owner. Namely, this should resolve your problem; however, if you require further assistance, write or call the Customer Service Department of Vetter Corporation, Round Lake, IL 60073. At this point, you must be prepared to return the part in question to Vetter Corporation with all freight charges prepaid. The changes will be reimbursed to you if they total over $5.00 (five dollars) and the warranty claim is honored. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Vetter Corporation
September 30, 1979

Customer Service
Any problems concerning installation or modification of the iteming should be referred to your dealer first. If he is unavailable, contact the Vetter Corporation Customer Service Department, Round Lake, IL 60073. We are here to serve you — (219) 899-6500. In order to provide the maximum amount of service to you and the dealer, it is necessary that you fill out the Owner's Registration Card and promptly return it to us. We suggest you record your serial number here should you ever need warranty assistance.

SERIAL NUMBER: __________________________  

10
Windshield Installation

Two of the windshield bolts are nylon and over tightening will result in bolt failures. Please note that the two top fasteners are clips.

1. Remove the mask from the fairing.
2. Using a nylon bolt, puncture the windshield gasket at each of the 4 hole locations.

**WARNING**
Carefully position the windshield clips. Repeatedly installing the clips will scratch the windshield.

3. The two clips supplied should be positioned on the windshield 2½ inches above the outside corners of the windshield.

4. Place the windshield on the fairing. Insert the studs of the clips through the top two fairing holes and install the key nuts. Secure, but do not overtighten.

5. Place the mask on the fairing. Install the longer supplied nylon bolts through the mask, windshield and fairing securing with the nylon flat washers and nuts. Finger tighten only.

6. Remove the tonneau covers. Slide the shorter bolts into the bottom holes of the headlight mask. Inside the socket, install the large supplied nylon washers and nuts. Finger tighten only.

7. Adjust the mask so it is snug against the fairing. Tighten all bolts and nuts.

**NOTE** If the windshield does not fit tightly in the clips, the windshield gasket could work out from behind the windshield.

Maintenance

Vetter fairings require little maintenance, but we recommend that you do make periodic checks. The mounting clamps, mounting bolts and the windshield fasteners should be checked for wear and tightness and adjustments made as necessary.

**Cleaning the Fairing and Windshield**

When washing, use a mild detergent and warm water. Rinse well. Wiping and drying should be done with a soft flannel cloth or chamois.

**CAUTION**
Do not clean with an abrasive cleaner, ethyl or methyl alcohol, gasoline or solvents as these materials can cause deterioration of acrylic plastic.

**CAUTION**
Never allow hydraulic fluid to come in contact with your fairing or windshield.

**REMOVE** oil, grease or tar with isopropyl alcohol, or a good grade of either naphtha or kerosene.

**MINOR SCRATCHES** may be removed with plastic polish or automotive paste wax. Apply by dry and polish gently with dry flannel cloth or chamois.

**FOR DEEPER SCRATCHES** remove by lightly rubbing with 400 grit wet or dry paper. Buff clean with a good grade of fine grit buffing compound and a clean, soft ultra-wet nap cloth. An electric drill has sufficient RPM for this purpose.)

**WARNING**
Your fairing and windshield are designed to help protect you from the elements. They are not intended to protect you in an accident. All windshields can break which may result in rider injury.

**WARNING**
Windshield clip maintenance calls for periodically applying a light coating of oil or wax to the face of the clip to help prevent rust.

QuickSilver