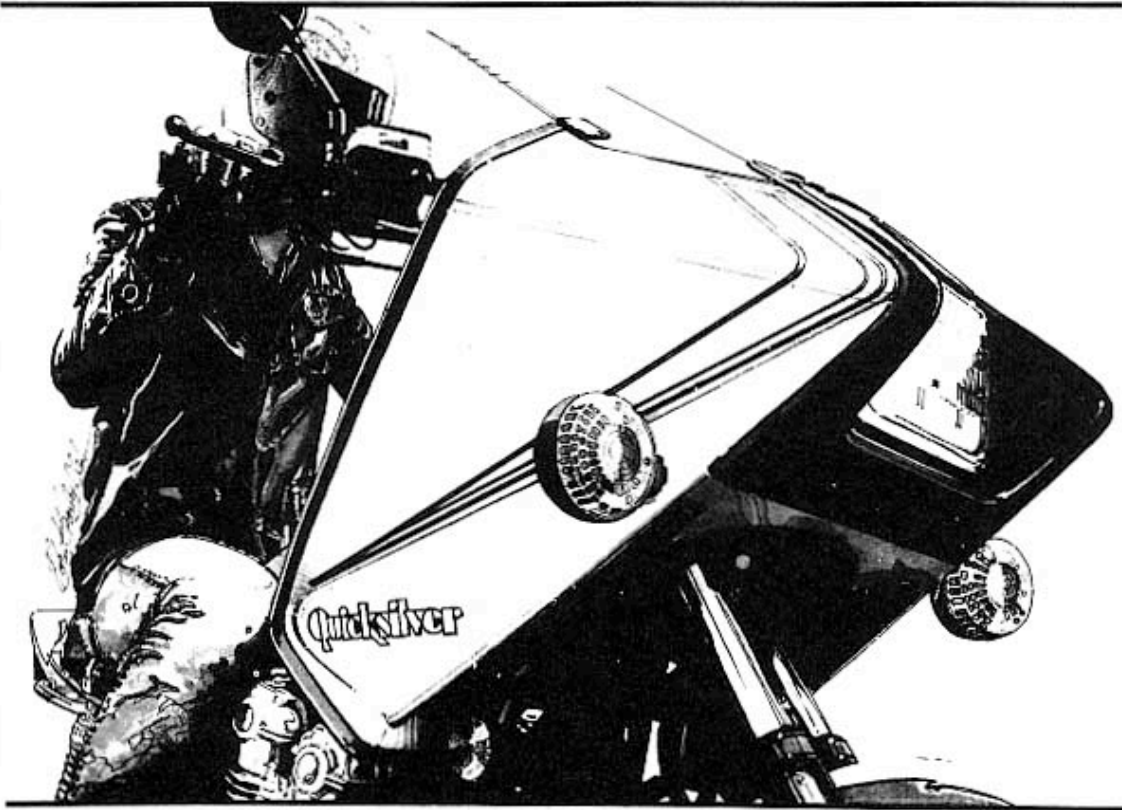


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Quicksilver

Owner's Manual



Vetter

Vetter Corporation, Rantoul, Illinois 61866 217/893-9300

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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 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.

In this manual and in 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 Aztec washers with the rubber side toward the fairing.
3. Check the handlebar and fork clearance. Tighten all fasteners before operating your motorcycle with the newly installed fairing.
4. 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. Vetter Corporation reserves the right to change design specifications, and/or make additions to or improvements in its products without notice and without incurring any obligation to make such changes in products previously manufactured.

CAUTION

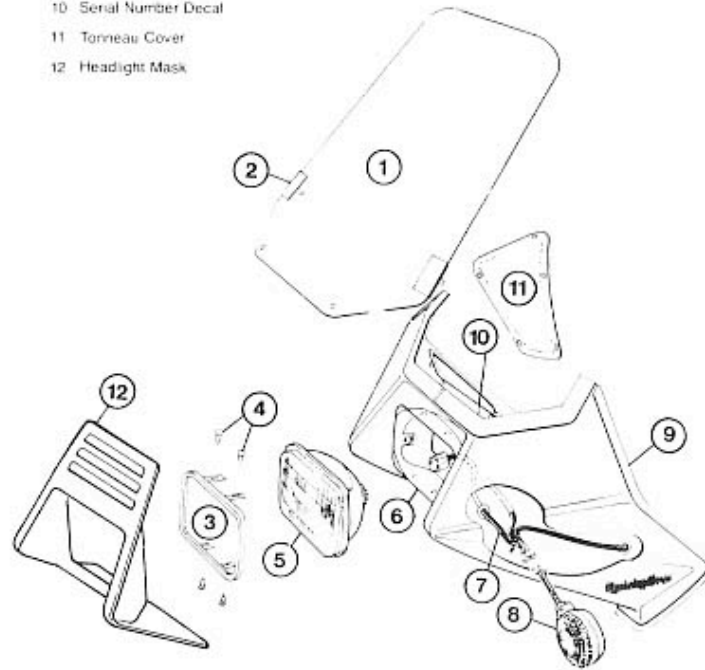
YOUR QUICKSILVER FAIRING AND HARDWARE HAVE BEEN DESIGNED AS AN INTEGRATED STRUCTURAL SYSTEM UNTIL THE FAIRING IS MOUNTED TO ITS HARDWARE BRACKET IT MUST BE TREATED CAREFULLY TO AVOID DAMAGE.

NOTE

In an emergency, the Quicksilver 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.

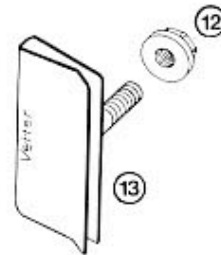
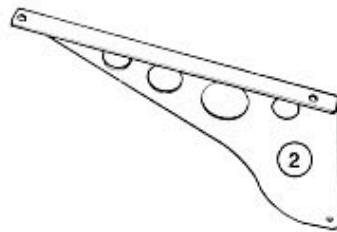
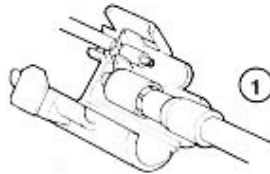
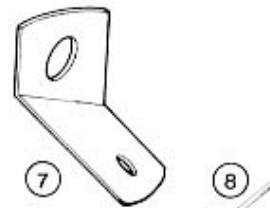
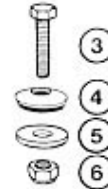
Component Diagram

- 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 Edging
- 10 Serial Number Decal
- 11 Torneau Cover
- 12 Headlight Mask



Part Identification

- 1 Black Electrical Connector
- 2 Hardware Mounting Bracket
- 3 6x25mm Bolt
- 4 Aztec Washer
- 5 Flat Washer
- 6 6mm Lock Nut
- 7 L' Bracket
- 8 Nylon Cable Tie
- 9 No 6 - 32 Nut
- 10 No. 10 Nylon Flat Washer
- 11 Nylon Bolt
- 12 5 mm Kep Nut
- 13 Windshield Clip



Turnsignal Installation

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

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

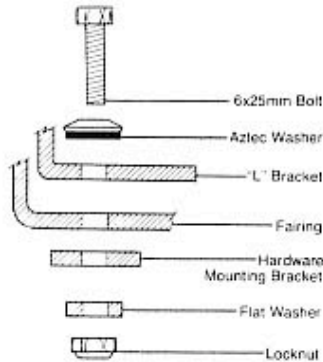
1. Prepare the two remaining 6x25mm bolts with Aztec washers (rubber side toward the fairing). Thread the bolts through the "L" brackets, fairing, hardware rails and flat washers. Secure the bolts with the provided locknuts. (illus. a) Do not tighten completely at this time.
2. Mount your turnsignals to the fairing using the sequence at the right. (illus. b) 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.

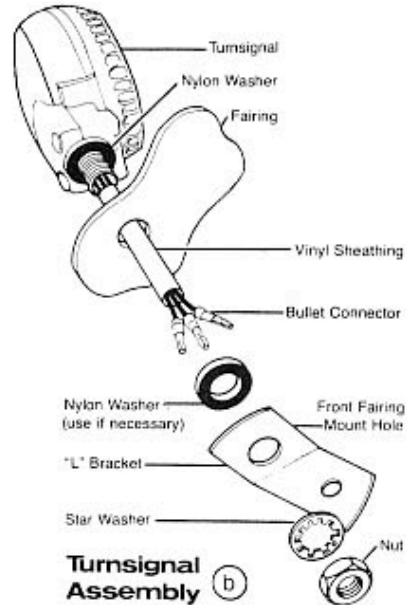
Wire Color Code

Turnsignal	Function	Fairing
White	Ground	Black
Brown	Running	Green
Red	Turnsignal	Blue-RIGHT Violet-LEFT

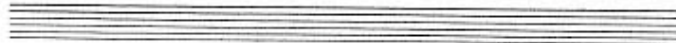
6. Check the operation of all electrical components before continuing. See "Troubleshooting" section for assistance if necessary.



Front Mounting Bolt Assembly (a)



Turnsignal Assembly (b)



Windshield Installation

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

CAUTION THE WINDSHIELD AND HEADLIGHT MASK BOLTS ARE NYLON. OVERTIGHTENING 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 $\frac{1}{2}$ " (13mm) above the outside corners of the windshield.

CAUTION CAREFULLY POSITION THE WINDSHIELD CLIPS. REPOSITIONING THE CLIPS WILL SCRATCH THE WINDSHIELD.

WARNING YOUR FAIRING AND WINDSHIELD ARE DESIGNED TO HELP PROTECT YOU FROM THE ELEMENTS. THEY ARE NOT INTENDED TO PROTECT YOU IN AN ACCIDENT.

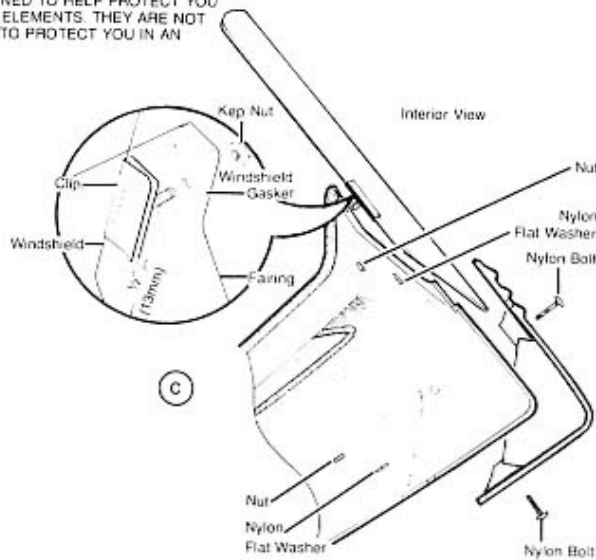
4. Place the windshield on the fairing, insert the studs of the clips through the fairing and install the keep nuts. (illus. c) Secure, but do not over-tighten.

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 tonneau covers. Slide the two remaining nylon bolts into the bottom 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 CRACKED, 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.

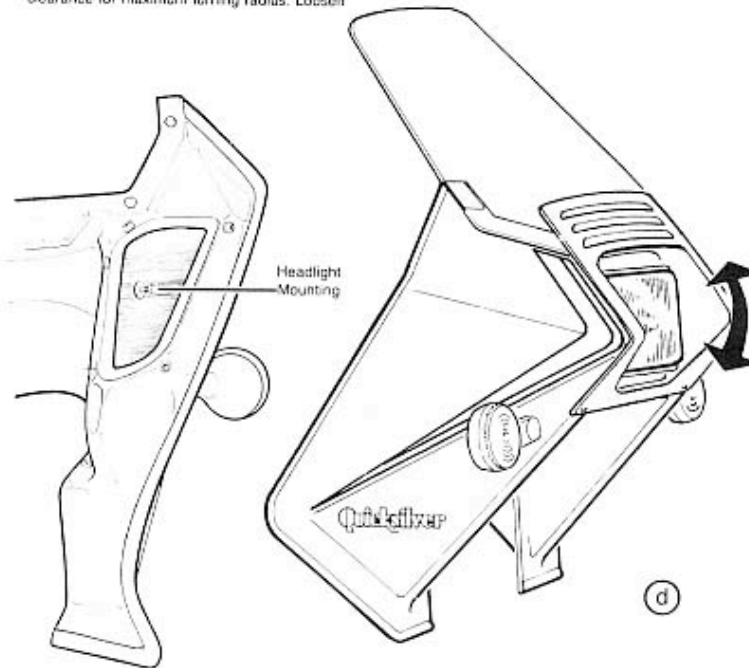
If any of these problems arise, the following should solve them:

If necessary, adjust your motorcycle's handlebars and mirrors to provide adequate clearance for maximum turning radius. Loosen

the bolts securing the handlebars and rotate the handlebars back toward the motorcycle as required. Check for adequate clearance and retighten the bolts.

Headlight Adjustment

1. Loosen the locknuts 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 locknuts until snug enough to hold the headlight securely.



Troubleshooting

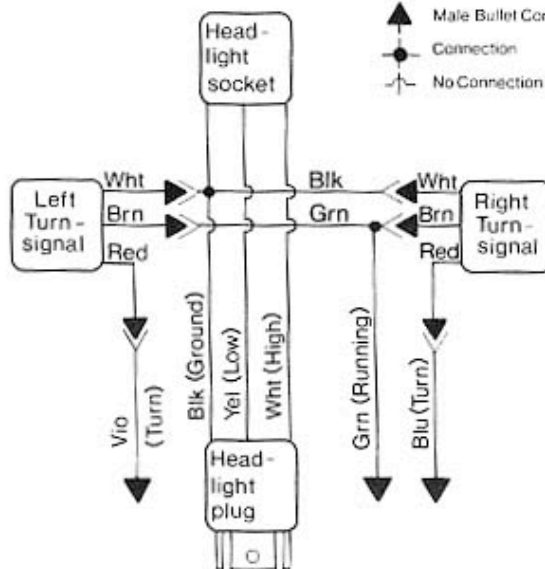
If your problem is electrical, first check your color code to insure the proper wires have been connected. If no power is getting to the fanning, check to see that the wiring harness is making a good connection. If still no power is getting to the fanning, check the motorcycle's fuses and consult the 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 bullet connectors (depending on your model bike) for good contact. This is done by reversing the steps to connect them. Unsnap the black connector. Check the wire to make sure the tab has cut through the insulation to the wire itself. Resnap 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 reconnecting the bullet connector. If your headlamp is weak and your turnsignals 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, VETTER 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 Vetter Corporation Customer Service Department, Rantoul, IL 61866, (217) 893-9300.

Legend

- ∧ Female Bullet Connector
- ▲ Male Bullet Connector
- Connection
- ⊥ No Connection



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. Washing 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 SOLVENT, 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, let 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 muslin wheel. (A 1/4" 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 Hotcha Repair Kit which includes Resin and Cream Hardener, plastic fairing material, stir sticks 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 Hotcha Repair Kit or automotive body putty.

Headlight Replacement

To replace the headlight, remove the 4 screws and the headlight retainer ring. (Refer to the Component Diagram on page 3.) Install the new headlight and the retainer ring. Secure the ring with the 4 screws. Squeeze the headlight assembly together while tightening the screws to insure against the headlight vibrating in its housing.

Quartz Headlight (optional)

When handling the quartz bulb, handle it 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 320 grit wet sandpaper.
3. Resand with 400 grit wet sandpaper.
4. Dry thoroughly.
5. Spray with DuPont 100S Multi Purpose Primer.
6. Spray DuPont Weight Lifter Acrylic Enamel with 7925 or 7935 Hardner.
7. Install the new fairing side decals.

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

Customer Service

Any problems concerning installation or modification of the fairing should be referred to your dealer first. If he is unavailable, contact the Vetter Corporation Customer Service Department, Rantoul, IL 61866. We are here to serve you — (217) 893-9300. 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: _____

Limited Warranty

This Warranty applies to products manufactured or distributed by Vetter Corporation, Rantoul, IL 61866, and sold by Vetter Corporation and its authorized dealers within 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 OBLIGATION: Vetter Corporation warrants that it, or one of its authorized dealers, will repair or, at its option, replace any part proven to be defective in factory material or workmanship within six (6) months (unlimited mileage) of the date of purchase. 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, paints, or repair material, use of unauthorized accessories, faulty installation, installation upon motorcycles or vehicles not listed in Vetter Corporation's retail and dealer catalog sheets, or improper or unreasonable maintenance are not covered. 2. This Warranty does not cover "Totes" rainboots.

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 fairing without all of the correct parts.

IMPORTANT: Some states do not allow limitations on how long an implied warranty lasts and/or limitations or exclusions of consequential or incidental damages, so the above limitations may not apply to you.

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

Steps to Take: 1. Contact or take your product to an authorized Vetter dealer (preferably your 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 unjustifiable, contact your dealership owner. Normally, this should resolve your problem. However, if you require further assistance, write or call the Customer Service Department of Vetter Corporation, Rantoul, IL 61866, (217) 893-9300. At this point, you must be prepared to return the part in question to Vetter Corporation with all freight charges prepaid. The charges 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

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.

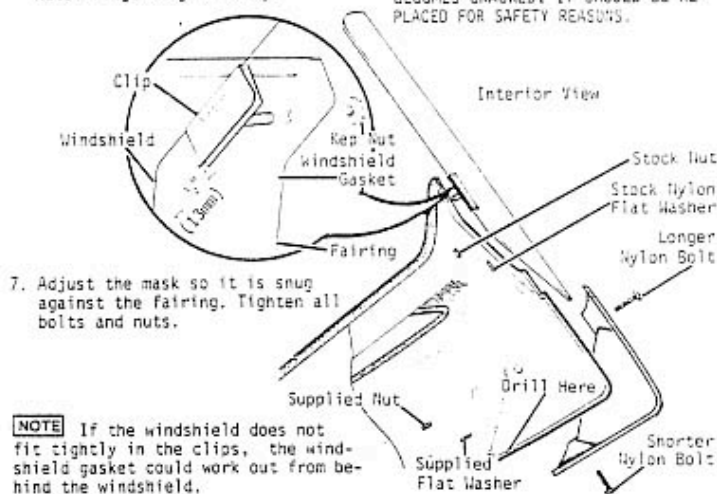
1. Remove the mask from the fairing.
2. Using a nylon bolt, puncture the windshield gasket at each of the 4 hole locations.

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

3. The two clips supplied should be positioned on the windshield 1" (13mm) 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 kee nuts. Secure, but do not over tighten.
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 pocket, install the large supplied nylon washers and nuts. Finger tighten only.

CAUTION FAILURE TO INSTALL THE WINDSHIELD PROPERLY AND MAINTAIN BOLT TIGHTNESS MAY RESULT IN WINDSHIELD DAMAGE. IF THE WINDSHIELD BECOMES CRACKED, IT SHOULD BE REPLACED FOR SAFETY REASONS.



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. Washing 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 SOLVENT AS THESE MATERIALS CAN CAUSE DETERIORATIONS 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, let 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 muslin wheel (A 1/4" electric drill has sufficient RPM for this purpose.)

WINDSHIELD CLIP MAINTENANCE calls for periodically applying a light coating of oil or wax to the face of the clip to help prevent rust.

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.

Quicksilver