

# 1975-79 Honda GL 1000 Windjammer IV Vindicator II Mounting Instructions

Dear Vetter Owner:

These instructions explain the procedure required to mount either the Windjammer IV or Vindicator II fairing to your motorcycle. We urge you to follow the preparation and assembly sequence from start to finish. This will benefit you directly in several ways: 1) You will be assured the fairing is properly installed and is immediately ready for operation. 2) You will minimize unnecessary confusion, moaning and scraped knuckles. 3) You will protect your investment by doing it right, and 4), with the confidence that nothing has been overlooked, you won't have to waste time backtracking to correct mistakes. That's time you could spend riding.

Thanks for buying Vetter products. We appreciate your business and comments.

Sincerely,

The folks at Vetter

NOTE TO DEALERSHIP PERSONNEL: If you are installing the fairing, we ask that you adhere to this procedure. Following these instructions will help ensure that your customer remains a customer.

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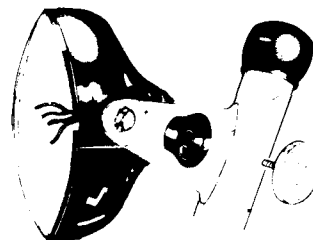
**WARNING** THIS BRACKETING AND THESE INSTRUCTIONS WERE DESIGNED SOLELY FOR USE IN MOUNTING THE VETTER WINDJAMMER IV AND VINDICATOR II FAIRINGS TO THIS SPECIFIC MOTORCYCLE. IF YOU ARE UNABLE TO DETERMINE IF THIS HARDWARE IS FOR YOUR MOTORCYCLE, CONTACT YOUR DEALER. IF YOUR DEALER IS UNAVAILABLE, CONTACT THE CUSTOMER SERVICE DEPARTMENT, VETTER CORPORATION, 1150 LAUREL LANE, SAN LUIS OBISPO, CA 93401 (805) 541-2900. THESE INSTRUCTIONS CONTAIN VALUABLE INFORMATION FOR FUTURE REFERENCE. THEY MUST BE GIVEN TO THE CUSTOMER.



# prepare the motorcycle

1. Put the motorcycle on its centerstand. Remove the 3 phillips head screws in the headlight shell. Disconnect the 3-prong plug and remove the headlight. It will not be reused.
2. Detach the right and left turn signal wires from their connectors: 2 green ground wires, 1 orange (left) and 1 light blue (right) turn signal wires, and 2 brown/white running light wires.
3. Unscrew the amber reflectors on each side of the nacelle. Remove the rubber grommets and put the reflectors aside to be reused. (Illus. 1)

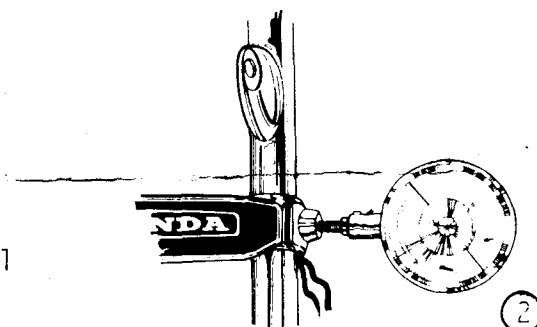
## PRE 1979 TURN SIGNALS



### CAUTION

REMOVE THE TURN SIGNALS CAREFULLY. PULLING TOO HARD ON THE WIRES WILL BREAK THE CONNECTIONS AT THE BULB.

1. Pull the turn signal wires out of the headlight nacelle. Pull down on the plastic strain relief on the headlight stays and remove the relief from the wires.
2. Remove the rubber grommet behind the nacelle bracket.
3. ~~Remove the nuts and bolts holding the turn signals on the stalks. Pry open the slot on the signal housing with a screwdriver, and pull the housing slightly away from the stalk.~~
4. Unscrew the stalks and pull the wires through the mounting holes. (Illus. 2)
5. If you are installing a Vindicator, put the turn signals aside to be remounted.



## 1979 TURN SIGNALS

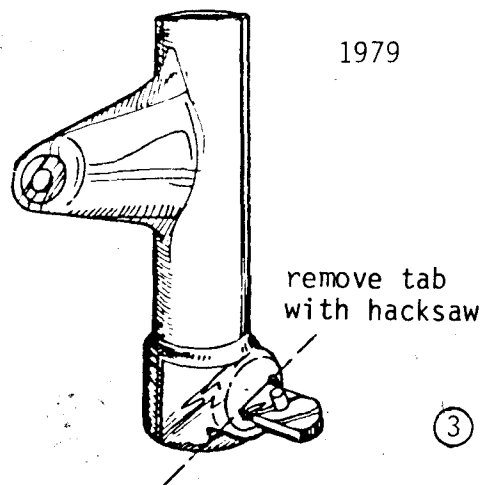
1. Remove the phillips head screws in the turn signal stalks and detach the signal assemblies from the mounting tabs.

### WARNING

THE 1979 TURN SIGNAL MOUNTING TABS MUST BE REMOVED TO PREVENT INTERFERENCE WITH THE FAIRING.(ILLUS. 3)

### NOTE:

If you want to save the headlight brackets for future use, see your motorcycle shop manual for proper disassembly procedures, cable routing and assembly torques.

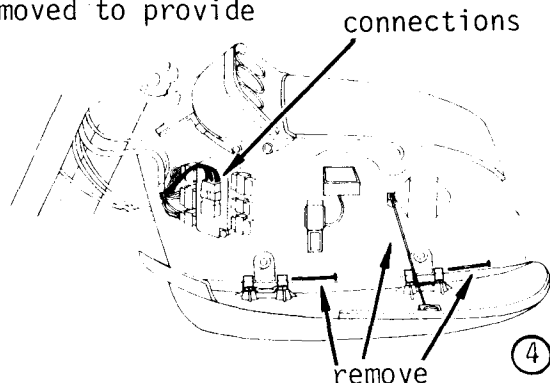


# electrical connections:

WIRING CONNECTIONS SHOULD BE MADE IN THE LEFT SIDE SHELTER OF THE MOTORCYCLE, NOT IN THE HEADLIGHT NACELLE. (Illus. 4)

NOTE: The compartment panel hinge pins must be removed to provide access with the fairing installed.

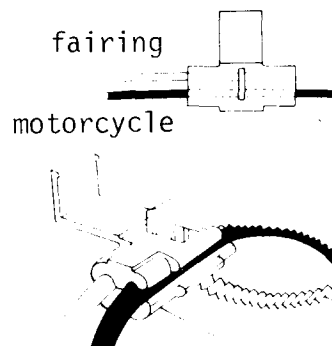
1. Unbolt the holding cables from the panels and from the frame. Store the cables.
2. Detach the clips from the hinge pins and remove the washers.
3. Remove both hinge pins and detach the panels on both sides. (Illus. 4)
4. Remove the nylon bushings from hinge points on the frame. Store all parts together.



Make the wiring connections using the color code listed below. Use the blue connectors provided to make each connection.

| FAIRING WIRE | FUNCTION                     | MOTORCYCLE WIRE  |
|--------------|------------------------------|------------------|
| White.....   | High beam.....               | Dark blue        |
| Yellow.....  | Low beam.....                | White            |
| Black.....   | Ground.....                  | Green            |
| Violet.....  | Left turn signal.....        | Orange           |
| Blue.....    | Right turn signal.....       | Light blue       |
| Green.....   | Running lights.....          | Brown/white      |
| Red.....     | Cigarette lighter.....       | White/green      |
| Brown.....   | Accessory (horn option)..... | Battery wire (+) |
| Orange.....  | Accessory (horn option)..... | Light green      |

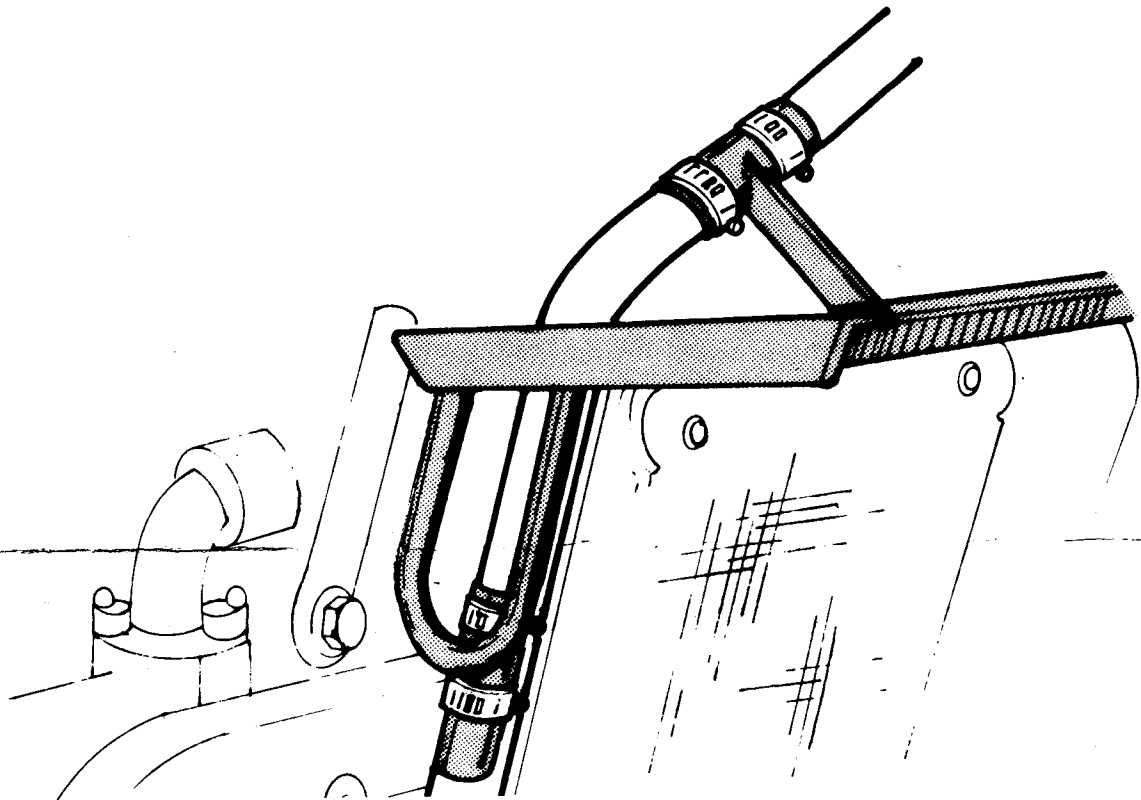
- Snap the blue connector over the appropriate motorcycle wire as shown. (Illus. 5)
- Insert the appropriate fairing wire into the other hole. The wire will not go all the way through the connector.
- Squeeze the metal tab down flush with the top of the connector.
- Fold the plastic lid down and snap it shut.



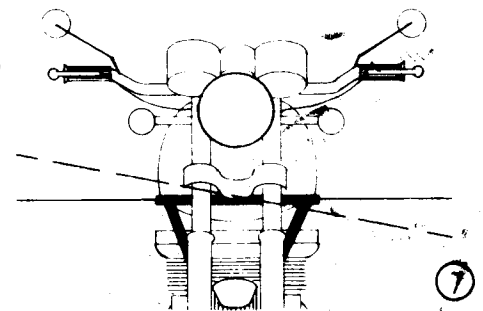
**CAUTION** The orange, brown and red fairing wires are connected as above only for the accessories listed. Any wiring not used should be covered at the end with electrical tape. If you decide to use these wires for other accessories, make sure your motorcycle's electrical system will tolerate the extra current demand.

# install mounting bracket

1. Remove the two 6mm bolts holding the bottom of the radiator to the motorcycle frame.
2. Remove the two black 6mm acorn nuts holding the top of the radiator to the frame.
3. Remove the radiator grill. Remove the two side cowlings from the radiator. The radiator will have to be slightly pulled forward to remove the nuts.

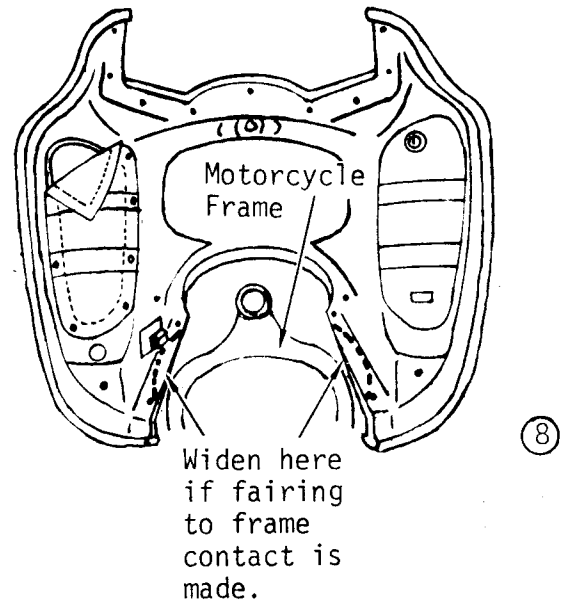


4. Mount the Honda GL1000 hardware to motorcycle frame and secure loosely with mounting clamps.(Illus. 6)
5. Replace radiator cowling, grill and secure radiator.
6. Position the side compartment panels in their original position. Do not reinstall hinge pins. Tighten the panel closing knobs securely.
7. Check the bracket for horizontal alignment from the front of the bike. If adjustment is required, tap bracket to level position.(Illus. 7)
8. Stand on footpegs. Check bracket for centering by turning the handlebars right and left. Tap the bracket to equalize the distance between the fork tube and bracket side rail on each side. Recheck the horizontal alignment.
9. Tighten all hose clamps securely.



# mount the fairing

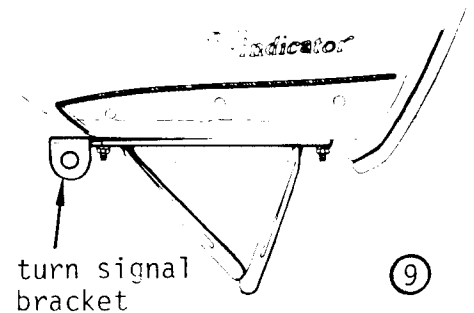
The 1978 and later models of the GL1000 have an extra wide tank which required lowering the fairing 3/4 inch. In lowering the fairing the mounting ledge of the fairing contacts the frame of the motorcycle in some cases. It will be necessary for you check the fit on earlier fairings and trim if necessary. This can be done with a double cut file. Only file enough to prevent fairing to frame contact. (Illus. 8)



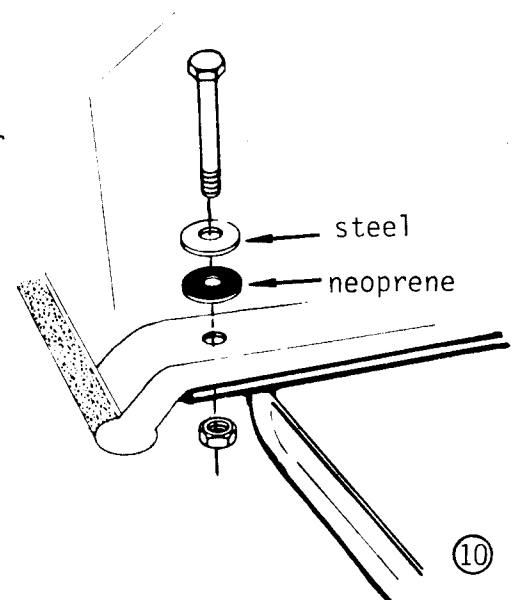
## NOTES:

- If you are planning to install Vetter color inserts, they should be applied before the fairing is installed.
- If you are installing the optional horn, refer to the instructions packaged with the adapters. If not, proceed with the following steps.

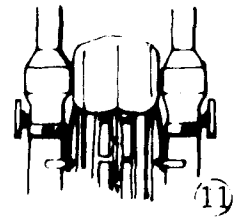
VINDICATOR ONLY: Place the turn signal brackets on the support shelves. Tape the brackets in place to prevent movement when the fairing is being installed. (Illus. 9)



1. Set the fairing on the mounting bracket, install four mounting bolts through the holes and install washers and lock nuts on the bolts. (Illus. 10)
2. Before tightening the nuts, plug the external wire harness into the fairing at the serial number plate. Check all electrical components before continuing. Refer to the Troubleshooting section in your fairing Owner's Manual if problems arise.
3. Tighten the 4 mounting bolts just enough to slightly compress the neoprene washers.



1. Fit the reflectors to the mounting clamps with the 6mm nuts provided.
2. Install each assembly on the fork slider as shown. (Illus. 11)

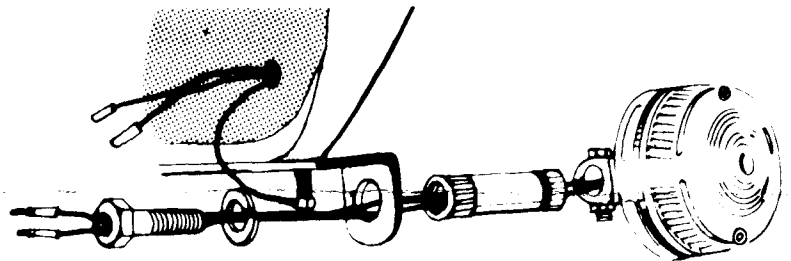


Refer to your Owner's Manual for windshield mounting instructions and final adjustments. We suggest you insert these instructions in the manual for future reference.

## Vindicator turn signals

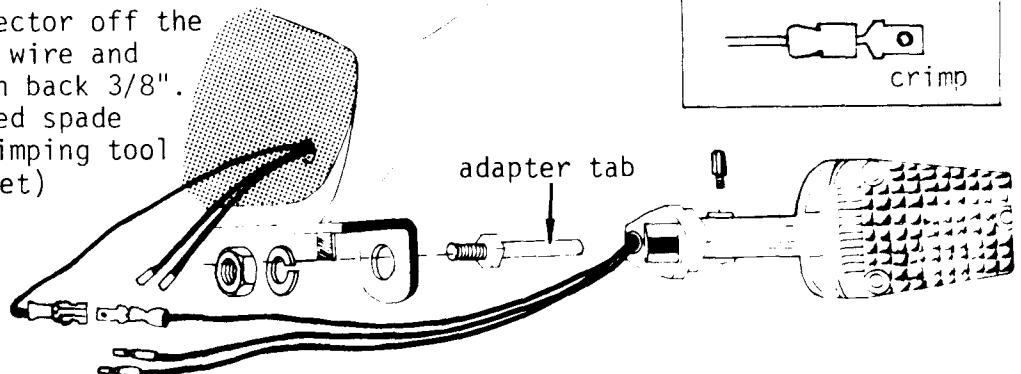
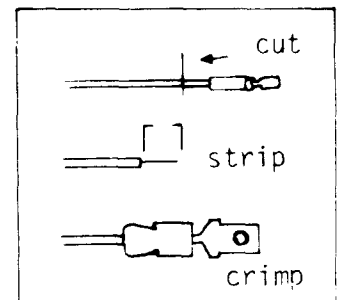
Pre-1979

1. Feed the turn signal wires through the Vetter stalk, the bracket, lock washer and hollow bolt as shown.
2. Secure the assembly to the bracket firmly enough to prevent the turn signal from rotating.
3. Connect the signal wires to the fairing wires according to the color code on page 3. Connect the black fairing wire to the ground tab on the bracket.
4. Pull the slack wire into the fairing by reaching through the side pocket. Carefully twist wires to keep them in the fairing.



1979 Only

1. Secure the adapter tab to the bracket with the 12mm nut and lock washer.
2. Cut the bullet connector off the turn signal's green wire and strip the insulation back 3/8". Crimp on the provided spade connector with a crimping tool or pliers. (see inset)
3. Install the turn signal with the original phillips head screw.
4. Connect the green turn signal wire to the black fairing wire.
5. Follow steps 3 and 4 above.



WINDJAMMER IV - VINDICATOR II  
1975 - 79 GL 1000  
MOUNTING HARDWARE

Packing List

| PART #    | DESCRIPTION                   | WJ IV | VIN II |
|-----------|-------------------------------|-------|--------|
| 150160014 | Frame Mounting Assembly       | 1     | 1      |
| 170010016 | Screw Bag                     | 1     | 1      |
| 170240008 | Screw 6mm x 35mm              | 4     | 4      |
| 170260003 | Locknut 6mm                   | 4     | 4      |
| 170050009 | Flatwasher 1/4 x 3/4          | 4     | 4      |
| 170050013 | Neoprene Washer 1/4 x 3/4     | 4     | 4      |
| 170170001 | Hose Clamp #16                | 4     | 4      |
| 170170002 | Hose Clamp #20                | 4     | 4      |
| 130050005 | Connector Bag                 | 1     | 1      |
| 130050002 | Blue Connector                | 7     | 7      |
| 150150305 | Ty-rap 6"                     | 2     | 2      |
| 150130101 | Reflector Package             | 1     | 1      |
| 150130102 | Reflector Clamp               | 2     | 2      |
| 170260002 | 5mm Lock nut                  | 2     | 2      |
| 170260003 | 6mm Nylok nut                 | 2     | 2      |
| 140100069 | Instructions                  | 1     | 1      |
| 130030102 | External Wiring Harness       | 1     | 1      |
| 180050102 | Headlight Cover 7 3/4"        | 1     | 1      |
| 150080122 | Turn Signal Mounting Tab 1979 |       | 1      |
| 150150902 | Turn Signal Stalk 1975-78     |       | 1      |
| 150150901 | 12mm Turn Signal Bolt         |       | 1      |
| 170280008 | 12mm Lock Washer              |       | 1      |