

Thank you for purchasing a National Cycle Accessory. Before beginning installation please look over this guide and be sure one possess the skills and workshop tools to properly complete the installation. Otherwise a motorcycle dealer would be glad to complete the installation.

Dealers: If installing the windshield for a customer please give them this manual. It contains information needed to properly maintain and use this product.

Attention:



Special notes and cautionary measures which can prevent damage to the accessory or motorcycle.

Note:



Tips for facilitation of operation, control and adjustment, as well as maintenance work.

Parts Included

<u>INDEX</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	20-202810-000 Windscreen, N28211	1
2	37-370890-000 Mount Bracket	1
BAG #986		
3	49-495413-000 Cap, Head	4
4	44-447304-000 Grommet	4
5	51-514516-000 CS, Flat HS 10-32 x 5/8"	4



10mm and 14mm Sockets
Universal Joint
Long Extension Handle
Handle
1/8" Allen Key
Torque Wrench to measure handle-bar bolts to 32 lb.ft (43.38Nm) as specified in your vehicle owner's manual.



PREPARATION

1. Position the motorcycle securely on its stand.



Do not use a wheel chock, you will need to move fork. Cover the front fender, fuel tank, and headlight with a cloth to avoid scratches.

1. Install one rubber grommet around edge of each hole in windscreen. **Figure 1**



VStream's mount bracket is positioned under the handlebar assembly for a shutter-free installation. A second person to hold bar assembly in place (step 4) is helpful. **Figure 2** shows finished installation.



Figure 1




Figure 2, Finished Installation

INSTALLATION

1. Start on the left side of motorcycle. Remove the bolt that holds the cable wire guide. **(10mm socket) Figure 3**

2. From the underside of the upper triple clamp, loosen the right and left bolts that hold the handlebar assembly to the triple tree. **(Extension Handle, U Joint and 14mm Socket) Figure 4 and 5**

 Loosen bolts sufficiently to remove handlebar assembly. Support assembly on headlight. **Figure 5**


 Tape washer and rubber dampener into position. This will keep them in position at re-installation. **(Tape) Figure 6**



Figure 3



Figure 4

Right Side



Left Side



Figure 5

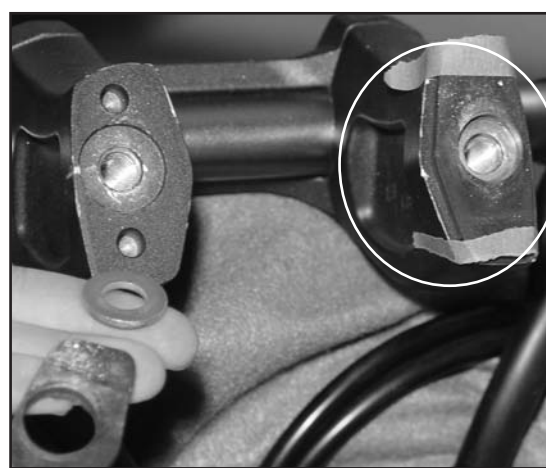


Figure 6

3. First place the Windshield Mount Bracket into position on top of triple clamp. **Figure 7 and 8**

4. From the front of the motorcycle have helper roll the handlebar assembly back into position on top of bracket. **(Second person) Figure 9**

5. Remove tape.

6. Tighten the Left and Right Bolts that hold handlebar assembly in place. **Do not firmly tighten until Windshield is on. (Extension Handle, U Joint and 14mm Socket) Figure 9**

7. Re-install cable Wire Guide, tighten firmly. **(10mm socket)**

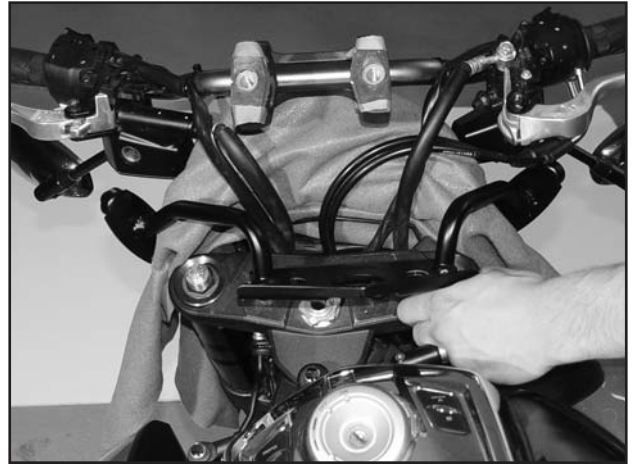


Figure 7



Figure 8



Figure 9

INSTALL WINDSCREEN

1. Place windscreen onto mounts. Adjust mounts to align to holes in windscreen. Check alignment of windscreen to headlight. Check windshield for symmetry left and right. **Figure 10**

2. Using one screw and one black cap attach windscreen to mounts. Repeat for all four holes. Tighten screws firmly. (1/8" Allen Key) **Figure 11**



INSPECT AND TIGHTEN HARDWARE

1. Turn fork to full left and right stop. Check clearances of mount brackets to motorcycle. Make any necessary adjustments.
2. **Tighten the Riser Bolts** to 32 lb.ft. (43.38 Nm) as instructed in the service manual.
3. Turn motorcycle on, check operation of brake and clutch.

MAINTENANCE

Cleaning: Wash with a clean soft cloth, plenty of warm water and, if necessary, a non-abrasive soap such as dishwashing liquid. Flannel or soft chamois make good cleaning cloths. Do not use rain protective products on the screen due to the solvent action of the alcohol in these products. Do not allow brake fluid, alcohol, or strong solvents to contact the screen.

National Cycle Windshield Wash Part number N1401 is recommended for everyday cleaning. Product is supplied with a handy travel size container and rag for easy storage on the motorcycle. Inquire with your local dealer or visit: www.nationalcycle.com



Figure 10



Figure 11

⚠ WARNING

Never ride your motorcycle with loose accessory mounting hardware. Check the hardware for tightness regularly.

Today's motorcycles are built with enough frame rigidity to withstand the moderate loads imposed on them by the foreseeable addition of an accessory(ies). If an accessory(ies) adversely affects your motorcycle's stability, immediately remove the accessory(ies). Do not ride a motorcycle that exhibits unsafe handling traits.

Have experienced service personnel correct any problem before riding with the accessory(ies) installed. For further questions concerning handling problems associated with an accessory(ies), contact your dealer, motorcycle manufacturer, or accessory manufacturer.



National Cycle 3-Year Limited Warranty

Register your windshield on Line at: www.nationalcycle.com/register.html

or contact Customer Service at National Cycle, Inc. / PO Box 158 / Maywood, IL 60153 / USA 708/343/0400

National Cycle hereby warrants to the original registered owner of a National Cycle polycarbonate windshield for a period of three years from the date of purchase against breakage. This limited warranty is expressly limited to the replacement of the polycarbonate windscreen. This limited warranty does not include scratches, coating failure, cosmetic wear and tear, replacement of hardware, or any consequential damages or expenses including labor cost of installation, removal and/or replacement, inconvenience, inbound freight expenses or damage to any other component of the motorcycle or any other accessories. Certain chemicals, generally known as acidic hydrocarbons, are known to cause polycarbonate damage and will not be covered under this limited warranty. Please refer to the cleaning instructions supplied with all National Cycle windshields.

VStream® Wind protection products are covered by patent 7,387,328.

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