

FMR Hardcoated Lexan® Polycarbonate VStream® Windscreen for Suzuki® DL650

N20220; Low Dark Tint N20221; Mid Light Tint N20222; Tall Clear



Thank you for purchasing a National Cycle product. Read these instructions carefully and thoroughly before beginning work. Dealers, if installing this wind-screen for a customer, please give them this manual upon completion. 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.

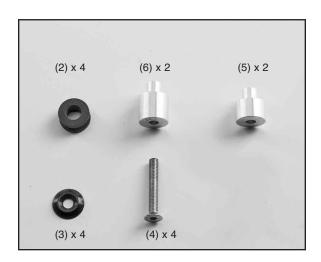


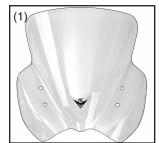
## Note:

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

## **CONTENTS OF KIT**

Item	Description	Part No.	Qty.	Notes and Tools
(1)	VStream® Windscreen		1	
Bag#1285				
(2)	Rubber Grommet	44-447350-000	4	
(3)	Cap, Aluminum, Black	34-346047-000	4	
(4)	Screw, Flat, M6 x 40, SS	51-514240-000	4	4mm Hex Wrench
(5)	Bushing, .847 L, Upper	49-495283-000	2	
(6)	Bushing 1.049 L, Lower	49-495284-000	2	







TOOLS
5mm Hex Wrench
4mm Hex Wrench

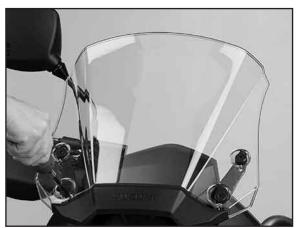


Figure 1

### **PREPARATION**

 Position motorcycle securely on its stand. Remove the OEM windscreen. The stock hardware will not be re-used. (5mm Hex Wrench) Figure 1

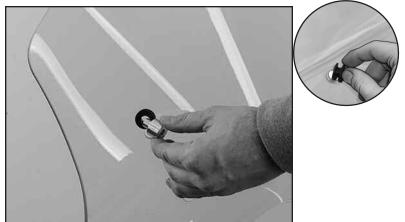


Figure 4

# **INSTALLATION**

1. Lay the VStream Windscreen on a clean work surface and install four Rubber Grommets (2) into the mounting holes. *Figure 1* 

**2.** Lay new VStream Windscreen **face down** and install top Bushings (5) into the upper holes, and lower Bushings (6) into the lower holes. *Figure 3* 

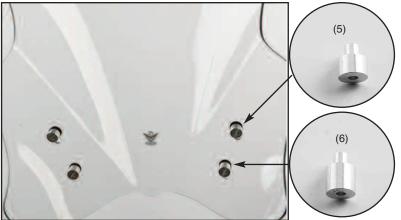


Figure 4

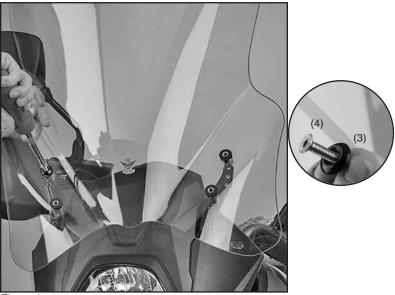


Figure 4

- **3.** Position Windscreen, with Rubber Grommets and Bushings installed, onto the mounting brackets of your motorcycle. Insert one M6 Screw (4) through one Cap (3) and through the Grommet and Bushing in the top left mount hole. Carefully thread it fingertight into motorcycle's mount bracket. *Figure 3*
- **4.** Repeat this procedure for the other three mount holes. Check position and alignment of windscreen. Tighten the four M6 screws with a 4mm Allen wrench.



#### **CLEANING AND MAINTENANCE**

To clean the screen, wash with a clean soft cloth and plenty of warm water and, if necessary, a non-abrasive soap such as dishwashing liquid. Flannel or soft chamois make good cleaning cloths. **Paint, glue residue or grease removal:** Moisten cotton wad with naphtha or turpentine followed by a wash as above.

National Cycle **Shield Wash™** (N1401-01) makes a good daily cleaner and comes with a handy travel-size bottle. Shield Wash is safe for all windshields and helmet visors.

Do not clean polycarbonate in hot sun or high temperatures. Do not clean the screen with household glass cleaners.

Do not allow brake fluid, alcohol, or strong solvents to contact the screen.

### **RAIN REPELLENT**

Do not use rain protective products made for glass. We recommend National Cycle's **RainZip®** (N1410-01) to keep your windscreen clear in rainy weather.

VStream® Windscreen Patent no. 7,387,328



# **National Cycle 3-Year Limited Warranty**

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.

# **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.

Sunlight reflected off the inside curvature of the windscreen can, at certain times of the day, cause extreme heat buildup on the motorcycle's instruments and possibly even melt them. Exercise care in parking to avoid this. Park your motorcycle facing the sun, or place an opaque object over the instruments and dash panel.