



**INSTALLATION INSTRUCTIONS  
CANAM DEFENDER  
SHORT WINDSHIELD  
PART # 77-2250**

**IMPORTANT NOTICES**

**READ AND UNDERSTAND THESE INSTRUCTIONS COMPLETELY BEFORE INSTALLATION TO AVOID INJURY TO YOURSELF, DAMAGE TO THE VEHICLE OR ACCESSORY.**

- For proper installation, **TWO** people are required.
- Torque specifications must be followed when tightening bolts. Over-tightening any and/or all screws will cause cracks around mounting holes which is not covered by any warranty.
  - As specified on carton label, once protective film on shields is removed, product cannot be returned.
- As specified on carton label, damage caused by packaging staples is not covered by warranty. All staples must be removed prior to removing product from carton.
- Failure to follow these installation instructions completely may void any warrantable components and result in product damage or personal injury.
- Do not use Loctite or any other similar fastener adhesive. These types of products react to plastics and cause cracking. Not covered by any warranty.
- Our windshields are made from the highest quality material providing optimum transparency and clarity. Blurriness and/or extrusion marks may or may not appear when looking through windshield from a wide, side-angle. This is normal for all extruded clear plastic materials.
- The application of improper cleaners, abrasive and/or dirty cleaning towels can severely damage the product. Failure to follow cleaning recommendation (provided herewith) may void any warrantable components.

**DEALER**

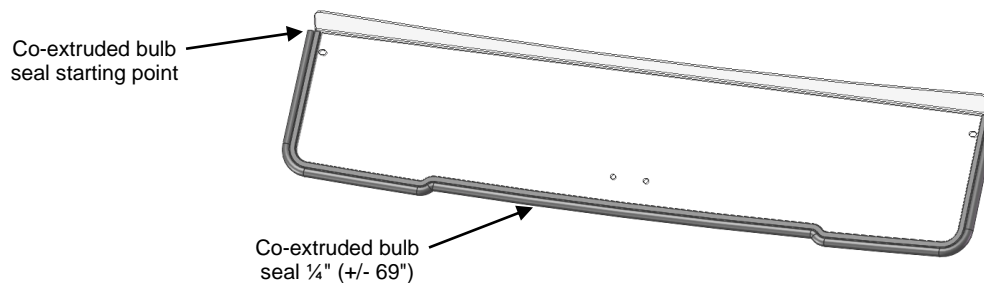
These instructions contain important information for future reference and must be given to the customer at time of purchase or upon completion of installation.

**Parts List** (parts available with kit only and not available separately)

ITEM	PART NAME	DESCRIPTION	QTY
A	Windshield	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent	1
B	Co-extruded bulb seal (1/4")	Includes: 72" Co-extruded bulb seal (1/4") / #77-95BS [end user to cut to exact length]	1
INSTRUCTION BAG	C	Windshield Hardware Includes: 2 metal plate hooks, 2 washers M6 x 25, 2 knobs M6 x 20, 1 hood bracket, 3 Philips truss head screws M6 x 20, 5 plastic shoulder washer M6, 2 locknuts M6 and 1 well-nut M6	1

**1. Installation**

- a) Find a clean flat area where you can safely lay down the windshield (Item A). Partially remove the protective film on both sides and apply the co-extruded bulb seal (Item B) starting just below the windshield upper bend using manual pressure to ensure good adhesion and cut any excess.

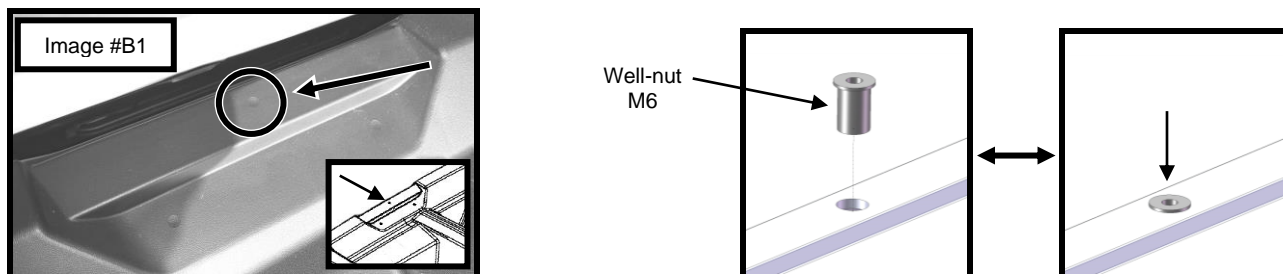


## IMPORTANT NOTICES

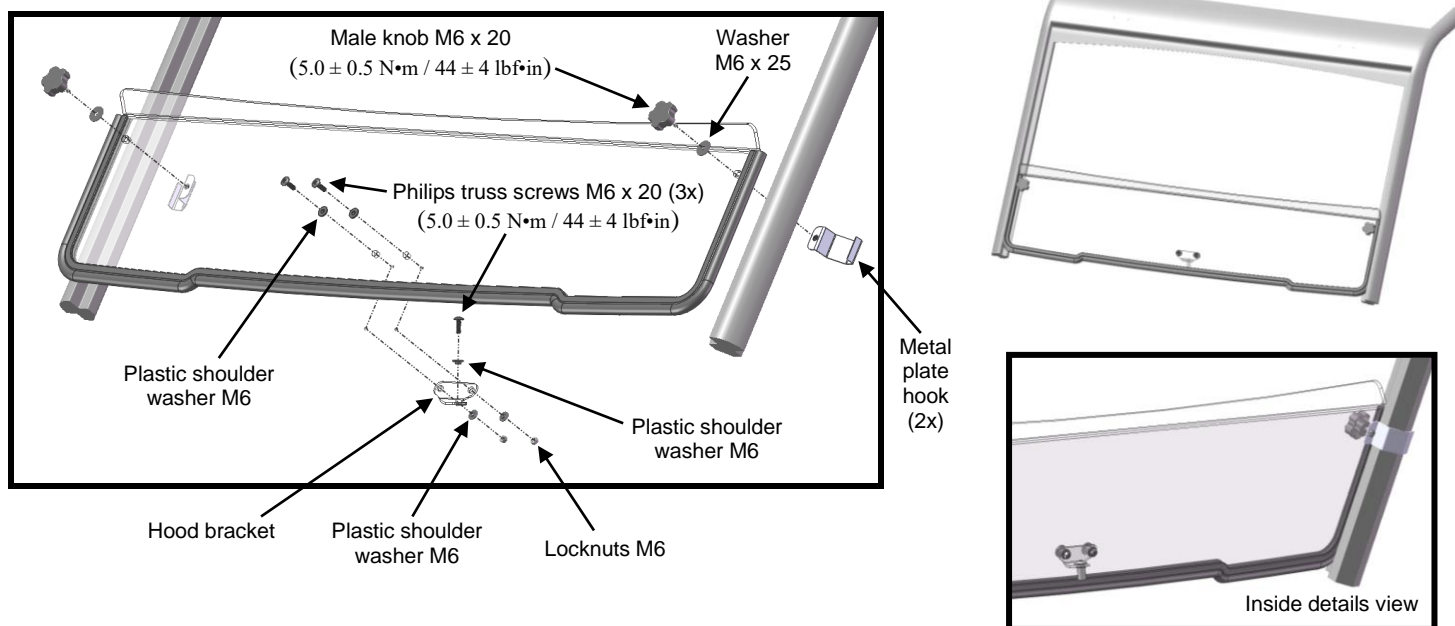
**Torque specifications must be followed when tightening bolts.**

**Over-tightening any and/or all screws will cause cracks around mounting holes which is not covered by any warranty.**

- b) Locate the OEM recess dash mount position (at the middle front as shown by the arrow on image #B1).
- Make a  $\frac{1}{2}$ " diameter hole at the indicated position. **Caution: only the dash thickness must be drilled, deeper drilling could cause irreversible damage to the vehicle.**
  - Install the supplied well-nut M6 (Item C) through the hole.



- c) Install the windshield to the vehicle using supplied hardware (Item C) as shown below. Secure the hood bracket to the well-nut previously installed. Adjust the position of the windshield and tighten. **Caution: over tightening any hardware could cause irreversible damage to the windshield.**



## CAUTION

**Please understand that open trailer towing can result in windshield/roof damage due to high wind pressure and road debris. Towing at Highway Speeds (75+ mph) for EXTENDED periods (over 100 miles) causes constant and extreme pressure at the mount areas, and is not recommended. Spike suggests removal of roofs/windshields if towed in these conditions-removal will also create less drag on the tow vehicle. Lower speeds (60 mph) or two-lane roads are no problem.**

## 2. Maintenance and Care

Tighten all hardware after first use and periodically thereafter.

### **CLEANING:**

- **Rinse with lukewarm water; wash gently with mild soap or detergent and lukewarm water, using a soft cloth or sponge. DO NOT SCRUB or use brushes or squeegees.**
  - **Rinse again. Dry with soft cloth or moist cellulose sponge to prevent water spotting.**
- **To remove wet paint, glazing compound or grease, rub lightly with a good grade of VM&P naphtha or isopropyl alcohol, then wash and rinse. DO NOT USE GASOLINE.**

**NOTICE: Abusive cleaning procedures by hand washing or automated washing equipment will eventually result in visual hazing, loss of light transmission and coating delamination.**

#### **Compatible Cleaning Agents**

- **Aqueous Solution of Soaps and Detergents**

Fantastik	Joy	Formula 409	Mr. Clean	Top Job	VM&P grade Naphtha	Hexcel, F.O. 554	Neleco-Placer
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