



**INSTALLATION INSTRUCTIONS  
HONDA PIONEER 1000  
FULL WINDSHIELD - DUAL VENTS  
PART # 78-1800**

**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**

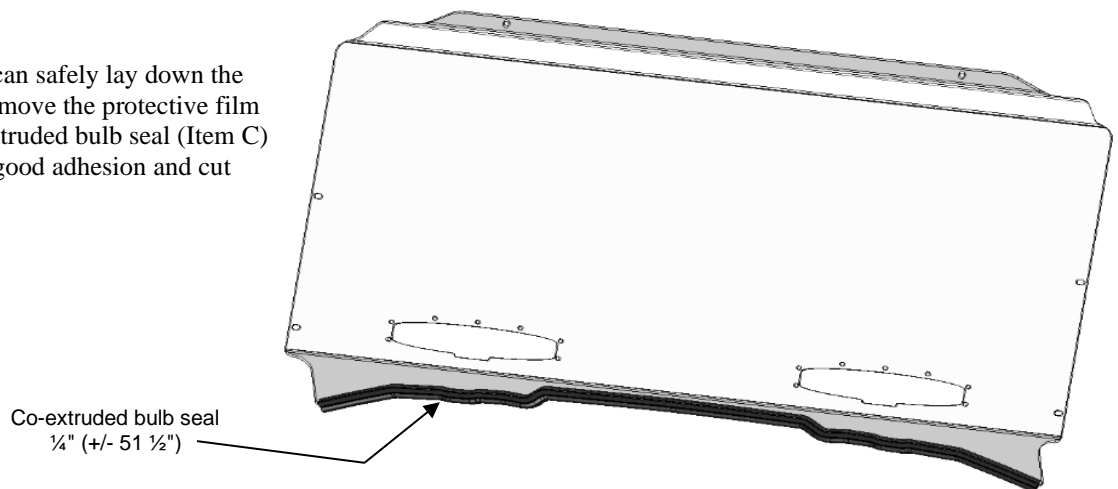
These instructions contain important information for future reference and must be given to the customer at time of purchase or upon completion of installation.

**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	Vent assembly	Includes: 1 vent cover, 1 vent flap assembly, 1 rubber vent seal and 7 vent mounting screws	2	
C	Co-extruded bulb seal (1/4")	Includes: 54" Co-extruded bulb seal (1/4") / #77-95BS [end user to cut to exact length]	1	
INSTRUCTION BAG	D	Flop clamp set	Includes: 2 flop clamps, 2 knobs M6 x 16 and 4 injected rubber pad spacers (1 3/4")	3

**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 C) using manual pressure to ensure good adhesion and cut any excess.



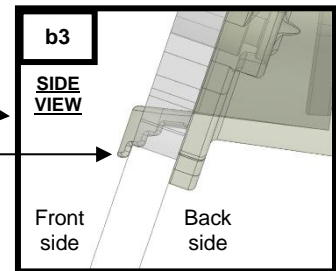
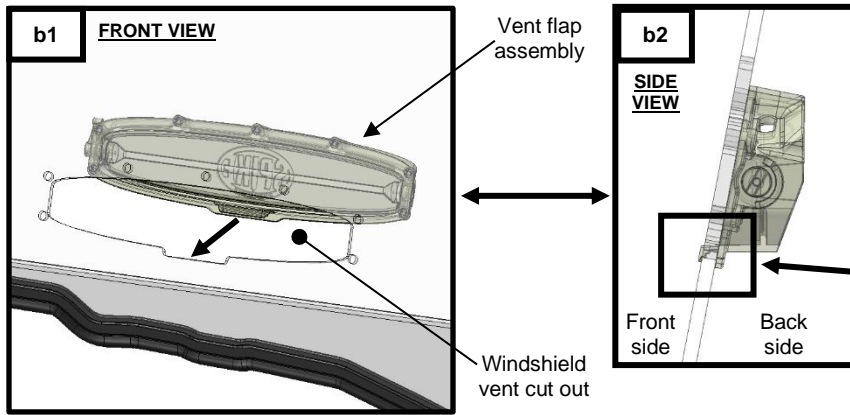
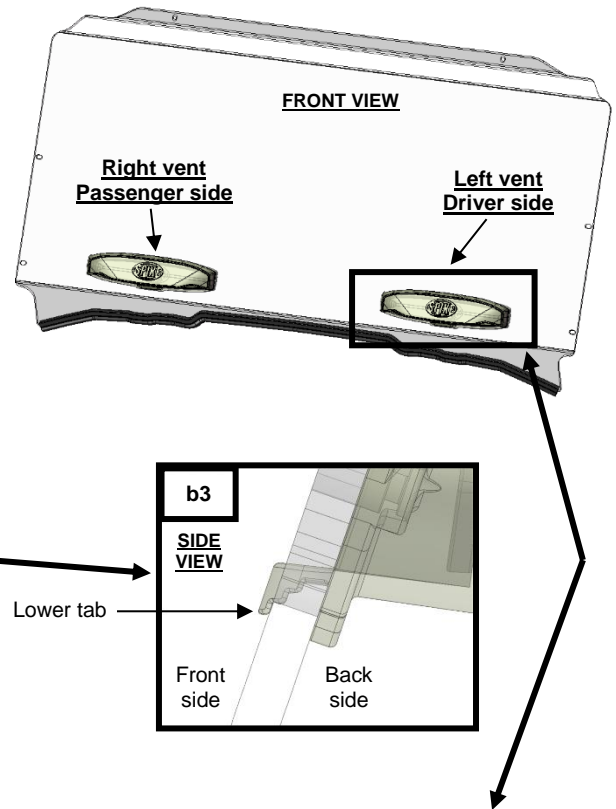
# IMPORTANT NOTICES

**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.**

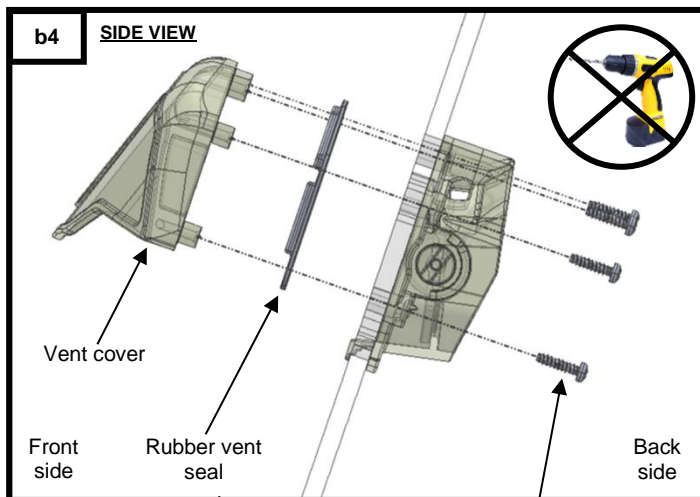
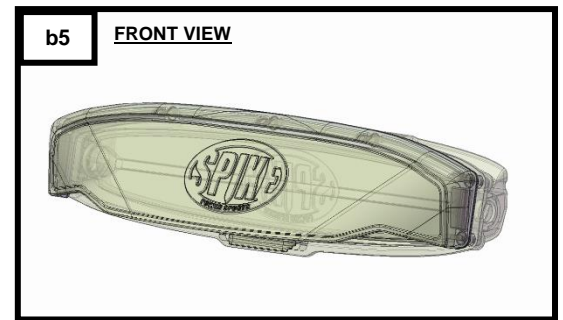
b) **Vent assembly (Item B) installation:** Partially remove the protective film on both sides of the windshield around the vent cutouts and follow instructions below. (Left vent / Driver side installation is shown below)

a. From the back side of the windshield, slide the vent flap assembly in the vent cut out as shown in image b1. Ensure the lower tab nests into the front of the windshield as shown in image b2 & b3.



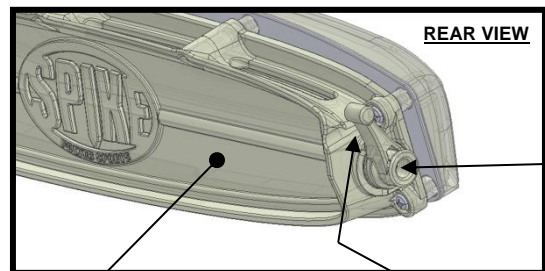
b. Install the remaining vent components (Item B) using supplied hardware as shown below in image b4 & b5.

**Caution: over tightening any hardware could cause irreversible damage to the windshield.**  
**DO NOT USE POWER TOOLS FOR THE INSTALLATION OF THE 7 MOUNTING SCREWS.**



Vent mounting screws (7x)  
 (2.0 ± 0.2 N•m / 18 ± 2 lbf•in)

**SIDE** bulb seal is not shown on this image to properly show the vent's mount details



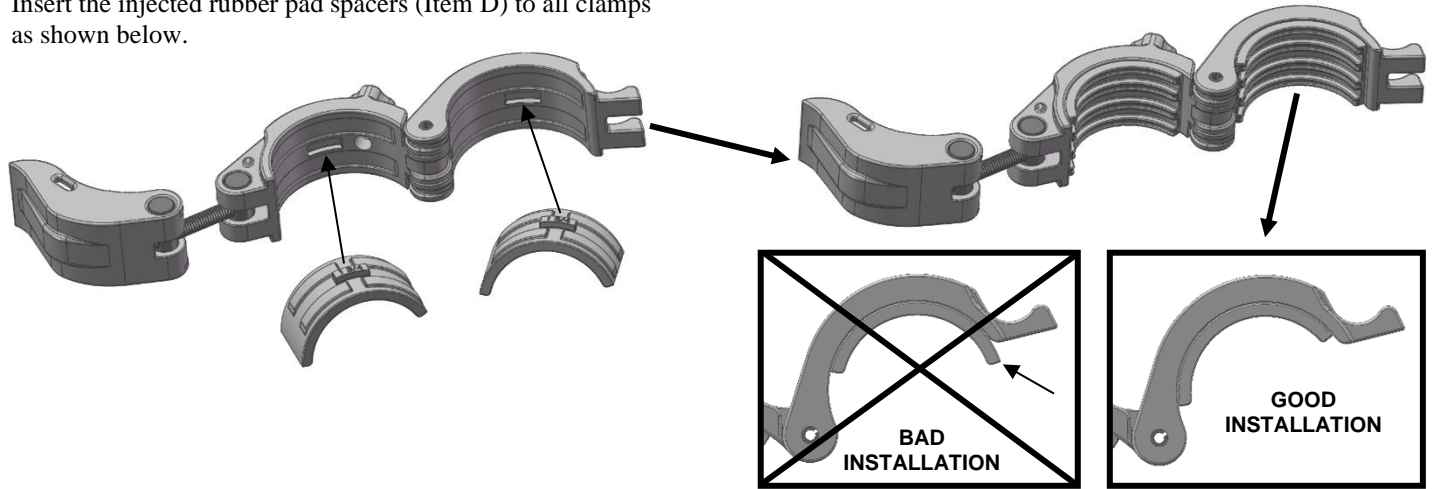
As shown on the rear-view image, the **lever** is installed by default on the right side of the vent. Lever can be installed/relocated on left or right side of the vent. End user can decide.

Tightening/Loosening of the **screw** in the lever determines the force required for the **affle** adjustment.

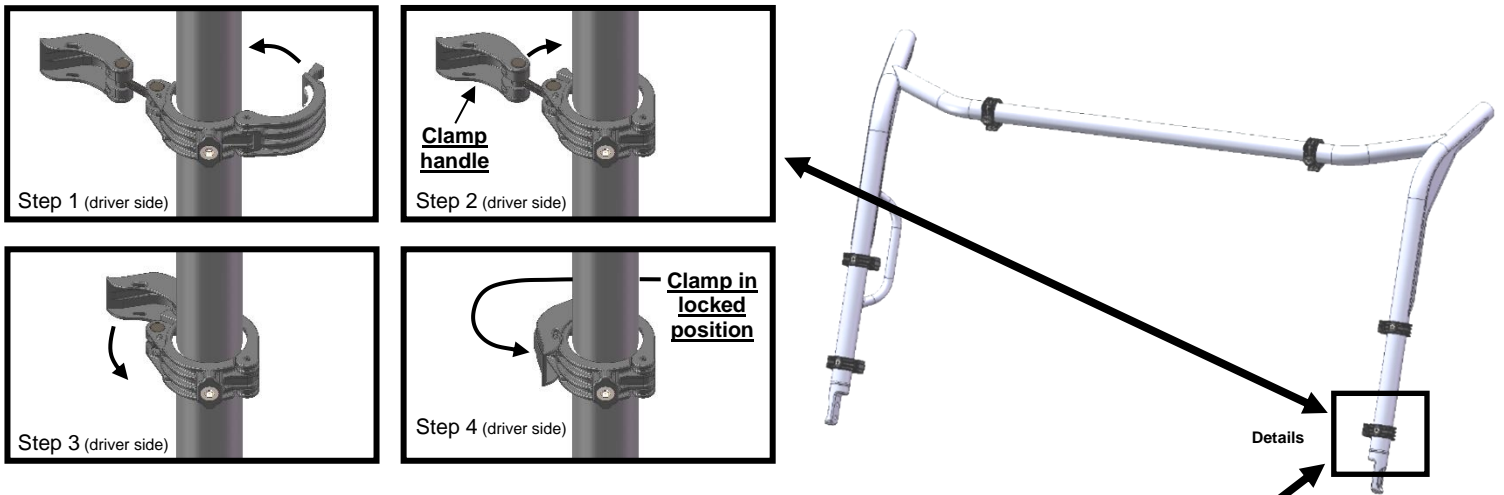
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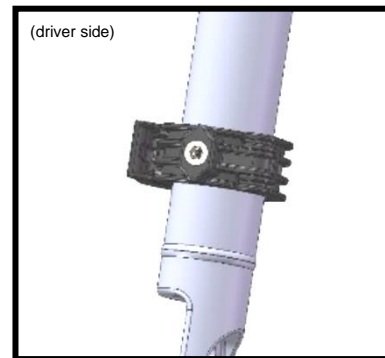
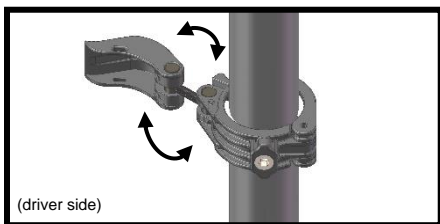
- c) Insert the injected rubber pad spacers (Item D) to all clamps as shown below.



- d) Attach the clamps to the roll-cage as shown below and pre-adjust tightening tension of all clamps. **NOTE: Keep all clamp handles open as shown in step 3 below; this will allow you to move the clamps up or down when installing the windshield for the first time.**



To apply more or less tension to the roll cage, simply rotate the clamp handle from the tension screw as shown below. Over tightening clamps to roll-cage could cause parts failures.

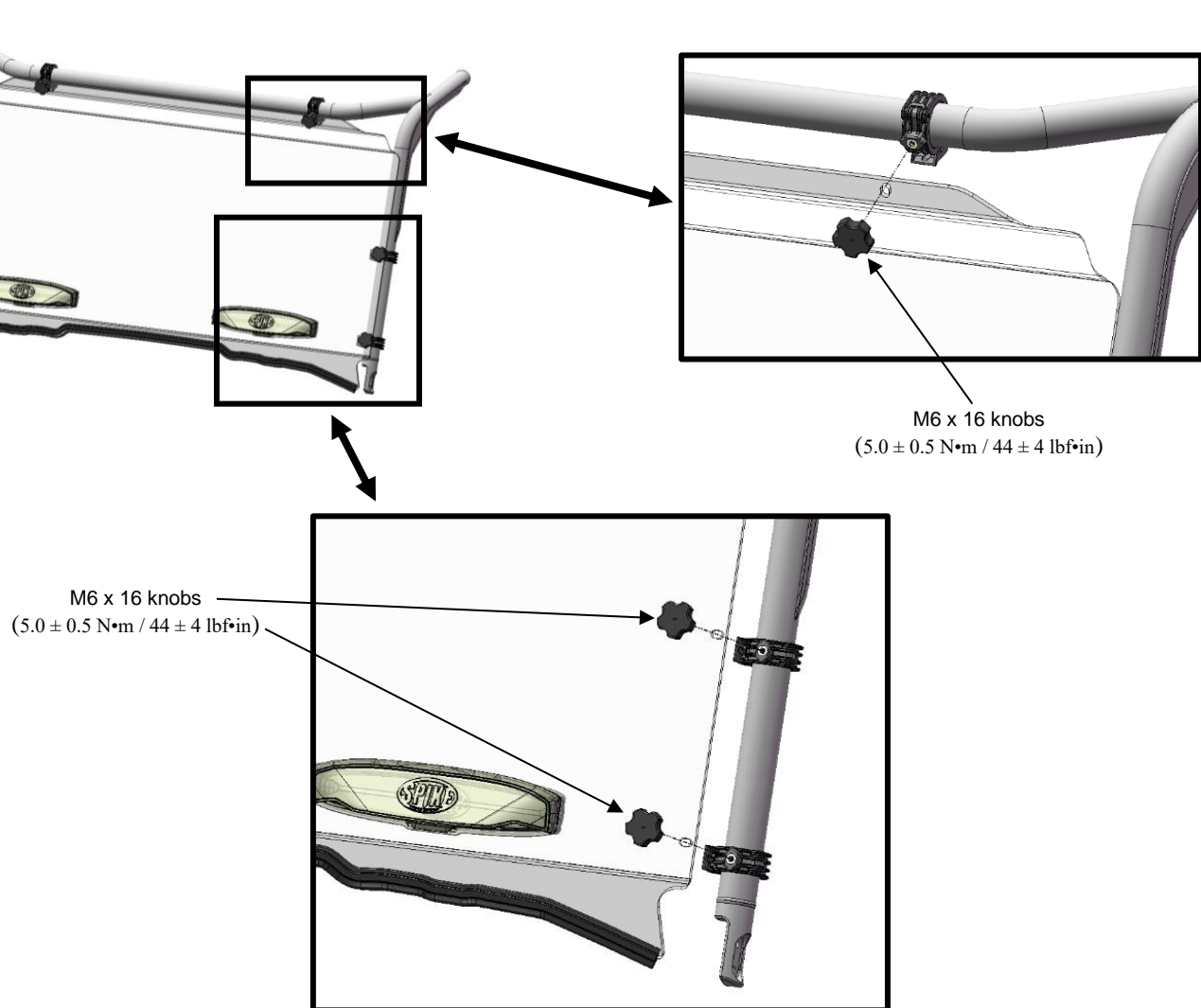


## IMPORTANT NOTICES

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.

- e) Install windshield to the clamps using supplied hardware without applying final torque. Ensure that the windshield and all clamps are properly positioned. Secure all clamps in locking position [Ref: Step 4 - section d] and tighten all hardware as shown below.  
**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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