

# Ranger*Ware*



# WPS-101

**INSTALLATION  
INSTRUCTIONS**

# WEATHER PROTECTION SYSTEM INSTALLATION WPS-101 TIP OUT WINDSHIELD

**IF A WPS104 HEATER IS TO BE INSTALLED,  
IT IS RECOMMENDED THAT IT BE DONE  
BEFORE THE WINDSHIELD IS INSTALLED.**

**Lubricate the vinyl coverings of the clamps with either a silicon spray or WD-40, this will make adjustment of the clamps easier during installation and tightening.**

**Note: To prevent possible damage to the hood and dash of the Ranger, it is recommended that two people be used to place the windshield in position.**

## **Installation:**

- 1. Apply the self adhesive foam strip to the underside of the upper channel where the windshield frame will contact the roll tube.**
- 2. Locate the proper positions for the clamps and install. The 1.75" (Large) clamps go on the side tubes of the roll cage, just above the dash panel. The 1.50" (Small) clamps go on the short upper corner cross tubes. The flat side of the clamps should face the windshield frame.**
- 3. With two people, one on each side, lift the windshield into position with the top channel over the upper cross**

roll tube. The rubber bulb seal on the bottom edge of the frame should be compressed evenly across the top of the dash panel.

4. Secure the frame to the 4 clamps using the 3/8-16 bolts and flange nuts supplied in the kit.

5. With the tip-out portion of the windshield held open, install the two gas struts onto the mounting and secure with the retaining clips. The barrel or cylinder of the strut is attached to the fixed portion of the frame; this is to prevent the seals in the cylinder from drying out over time.

**Material List:**

Vinyl Covered Clamp 1.75" .....	2
Vinyl Covered Clamp 1.50" .....	2
Gas Charged Support Strut .....	2
Button Head Stainless Bolt 3/8-16 .....	4
Flange Nut /8-16 .....	4
Foam Padding Strip .....	1

**Tools Required:**

- 7/32" Allen Wrench or "T"
- 9/16" Socket or Wrench



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