



# Installation Instructions Replacement Soft Top Hardware 87-95 Wrangler



**PART NUMBER: 13510.01**

### **IMPORTANT NOTICE:**

Carefully read instructions before attempting to install this product. Rugged Ridge – Outland is in no way responsible for any damage to the vehicle or personal injury that may occur during the installation or use of this product. **DRILLING REQUIRED**

### **WARNING!**

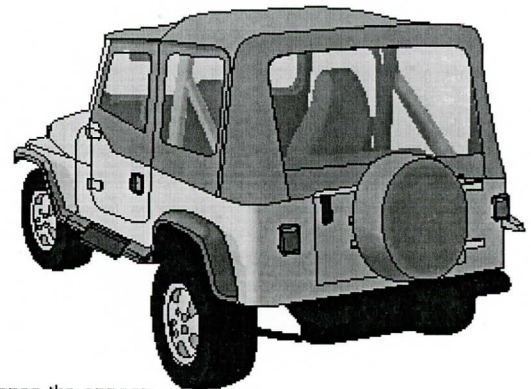
This product is designed to enhance the appearance of the vehicle and only for protection against the elements. Do not rely on this product to contain occupants within the vehicle or to protect against injury during an accident.

**WEAR SEAT BELTS AT ALL TIMES**

### **DESCRIPTIONS**

|  | <u>QTY</u> |
|--|------------|
| Bow Assembly   | 1          |
| Windshield Channel                                   | 1          |
| Side Belt Rail (Left & Right)                        | 2          |
| Corner Belt Rail (Left & Right)                      | 2          |
| Tailgate Brackets (Left & Right)                     | 2          |
| Connection Tubes                                     | 2          |
| Tailgate Bar   | 1          |
| Upper Door Windshield Insert<br>(Passenger & Driver) | 2          |
| M5 x 16mm Phillips Machine Screw                     | 4          |
| M5 Nylock Nut  | 4          |
| M5 Flat Washer                                       | 4          |
| M6 Star Lock Washer                                  | 4          |

|                               |    |
|-------------------------------|----|
| 5/16" - 18 Tapping Plate      | 12 |
| M8 Flat Washers               | 12 |
| 5/16" - 18 Torx Screws        | 12 |
| ST4.2 x 9.5 Sheet Metal Screw | 2  |
| ST4.2 x 12 Sheet Metal Screw  | 11 |
| ST4.2 x 15 Sheet Metal Screw  | 8  |
| Side Belt Rail Pin            | 4  |
| Self Tapping Snaps            | 4  |



enhance the appear-

## Replacement Top Hardware Installation Instructions

### Windshield Channel Installation

1. Position Windshield Channel onto vehicle as shown in Figure 1.
2. Once in position, secure Windshield Channel using the included (11) ST4.2 x 15 Sheet Metal Screws (Figure 1). **NOTE:** In some cases the holes on the Windshield Channel will line up with existing holes. In this case, ensure holes are not too large to install the new screws included in the package. If holes are too big, you must replace the included screws with larger screws, found at any local hardware store. If you are replacing a hardtop, use the Windshield Channel as a template to drill 1/8" holes.

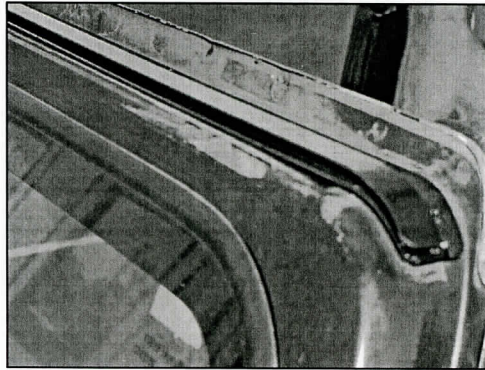


Figure 1

**WARNING:** Ensure Windshield Channel is properly secured prior to installing the Soft Top. Damage to the vehicle or personal injury may occur if Windshield Channel is not securely mounted. Rugged Ridge – Outland is not responsible for personal injury or damage to the vehicle if Windshield Channel is not

### Upper Door Windshield Insert Installation

3. Locate Driver Upper Door Windshield Insert and position it on the side of the windshield. With Upper Door Windshield Insert in position mark the vehicle through the holes (Figure 2).
4. Remove Upper Door Windshield Insert and place aside. Carefully drill 1/8" holes on the marked locations.
5. Re-position Upper Door Windshield Insert and secure it by using the included (4) – ST4.2 x 12 Sheet Metal Screws (Figure 3).
6. Repeat steps 3-5 for opposite side.

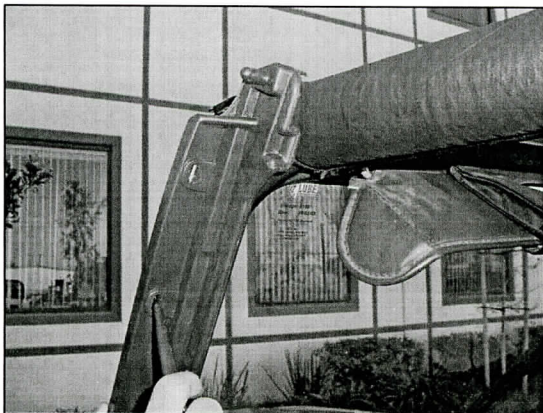


Figure 2

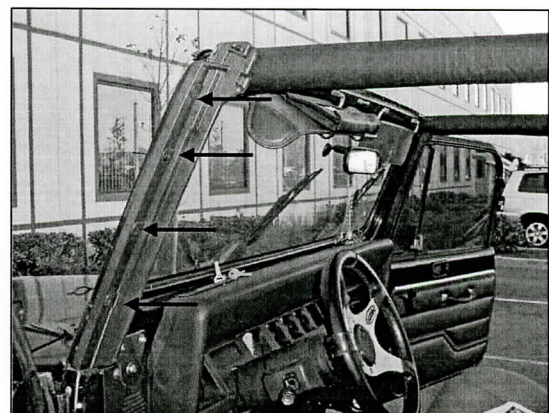


Figure 3



### Side Belt Rail Installation

7. Locate Driver Side Belt Rail, (4) – 5/16"–18 Torx Bolts, (4) – 8M Flat Washers, and (4) – 5/16" – 18 Tapping Plates. Position Side Belt Rail onto vehicle and secure it using the hardware listed in this step (Figure 4 & 5). Repeat this step for opposite side.

Side Rail  
Mounting  
Location

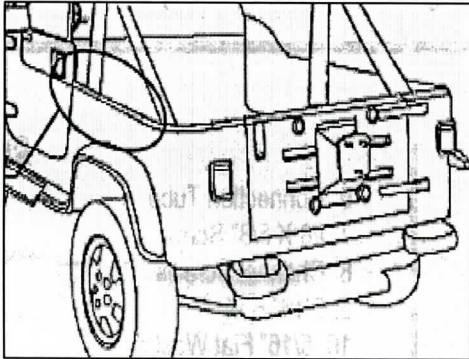


Figure 4

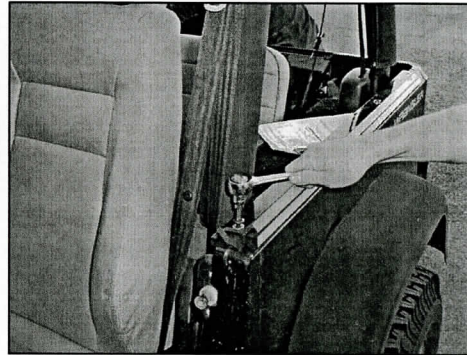


Figure 5

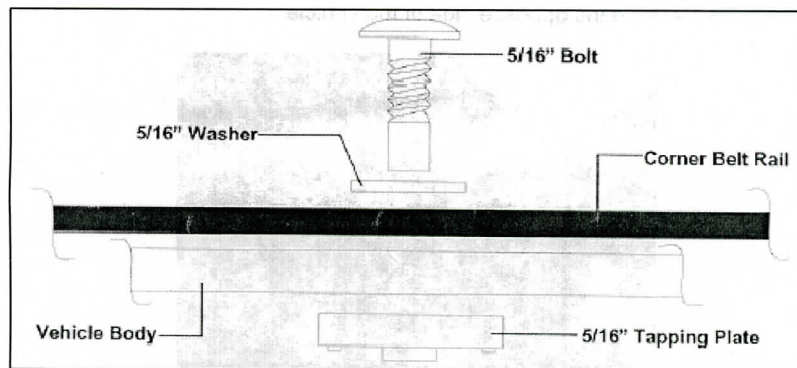


Figure 6

### Corner Belt Installation

8. Locate Passenger Corner Side Rail, (2) – 5/16" – 18 Torx Screws, (2) – M8 Flat Washers, and (2) – 5/16" – 18 Tapping Plates. Position Corner Side Rail onto vehicle and secure it by using hardware listed in this step (Figure 7 & 8). Repeat this step for opposite side.

Corner  
Rail  
Mounting  
Location

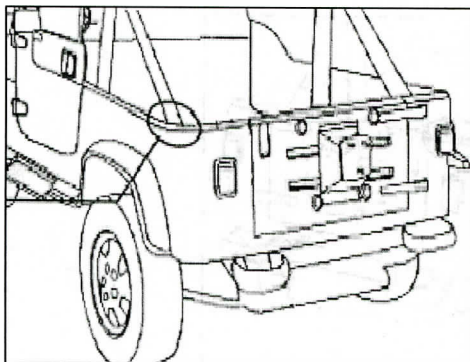


Figure 7

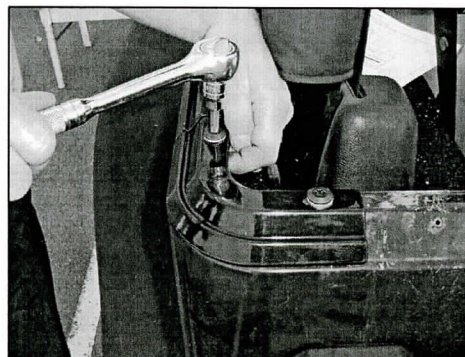


Figure 8

### Tailgate Brackets Installation

9. Locate Passenger Tailgate Bracket, (2) – M5 x 16mm Phillips Machine Screws, (2) – M6 star lock washers, (2) – M5 Flat Washers and (2) – M5 Nylock Nuts. In some cases the holes on the Tailgate Bracket will line up with existing holes. In this case, use the existing holes as pilots to drill 3/16" holes on the vehicle. **NOTE:** Carefully check under the drilling area to be sure you do not drill into any concealed wiring. **NOTE:** If you are replacing a hardtop, use the Tailgate Bracket as a template to drill 3/16" holes. Position Tailgate Bracket and secure it by using the hardware listed in this step (Figure 9 & 10). Repeat this step for opposite side.

Tailgate  
Bracket  
Mounting  
Location

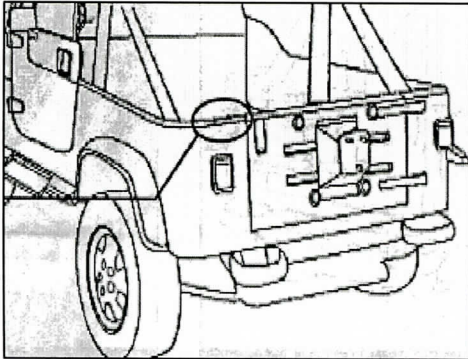


Figure 9

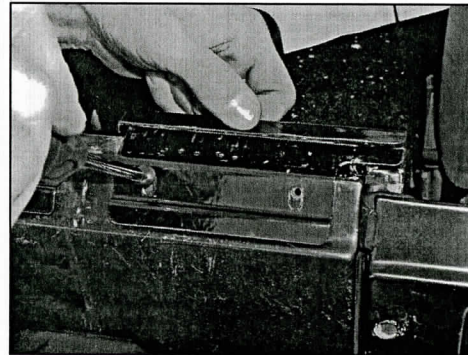


Figure 10

### Bow Assembly Installation

10. Lay Bow Assembly on a flat clean surface and identify the Front and Rear Bow.  
**NOTE:** The Front Bow will include foam padding where as the rear will not.
11. Assemble the two halves of the Bow Assembly using the included Connection Tubes with push buttons (Figure 11). **NOTE:** It may be helpful to use a screw flat screwdriver to push down the buttons while sliding Bow halves together. Also, it may be helpful for two persons to slide both sides of the Bow Assembly forward simultaneously.

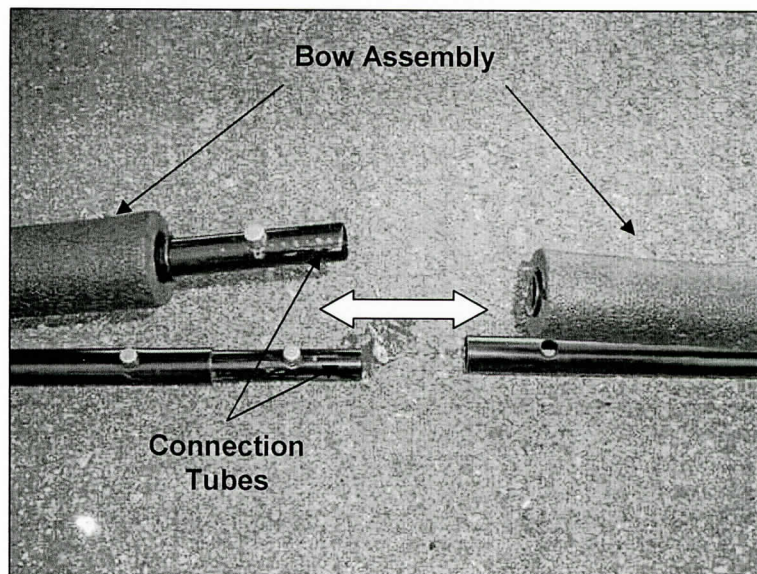


Figure 11



12. With bars snapped together drill a small pilot hole between the left and right bow into the center of connection tube. Make sure hole lines up with other snaps along the two sides of the bow. With hole drilled install self-tapping snaps supplied with hardware. (Figure 12)

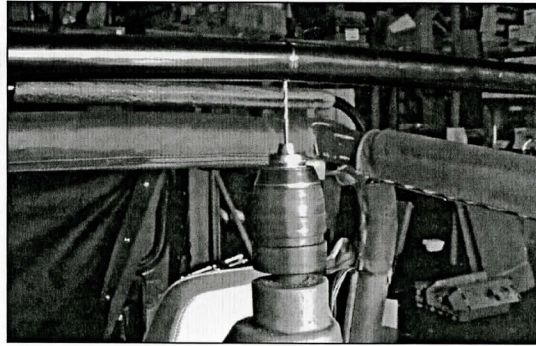
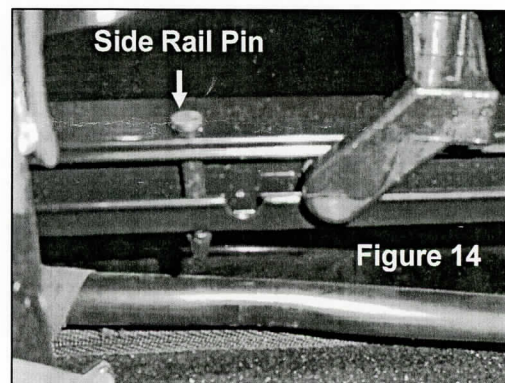
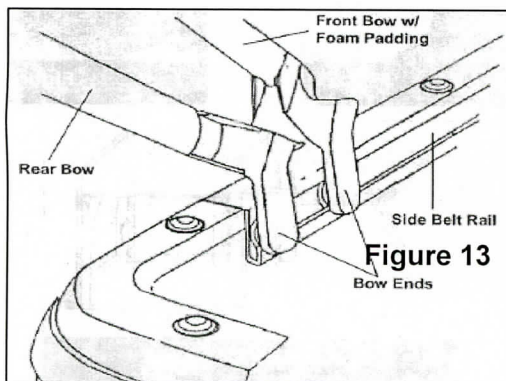


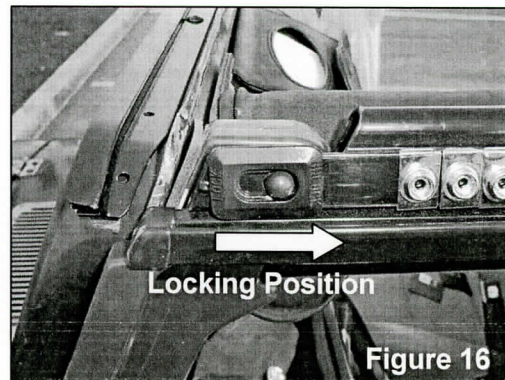
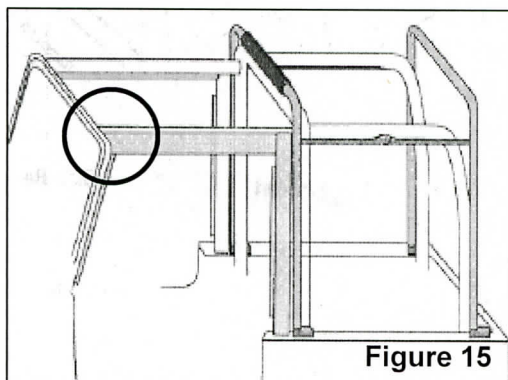
Figure 12

13. With the Bow Assembly secured together, slide the ends of the front and the rear bows into the tracks in the Side Belt Rails on each side of the vehicle (Figure 13 & 14). **NOTE:** Slide the Bow Assembly from the rear of the vehicle towards the front.
14. Insert Side Rail Pin all the way through on the hole located at the rear of the Side Rail (Figure 13).

**NOTE:** For 1991 to 1995 YJ's the first Side Rail Pin should not be installed (toward front of vehicle). If installed top cannot fold over and past rear section of sports bar.

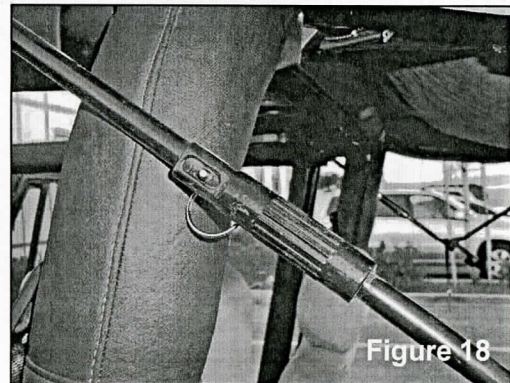
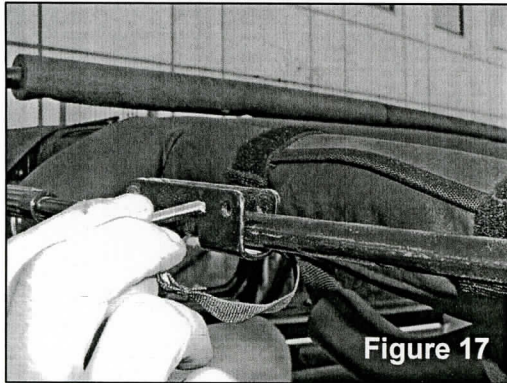


15. Unfold Passenger Upper Side Rail towards the front of the vehicle until it reaches the Passenger Upright Pin. Insert the plastic Upright's Pin through the Side Rail's hole and lock it in place by sliding the square clip to the opposite side (Figure 15 & 16). **NOTE:** Make sure the Upper Side Rail is properly secure prior to installing the soft top. Damage to the vehicle or personal injury can occur if not installed properly. Repeat this step for opposite side.



16. With the Bow Assembly in position, locate the Adjustable Spreader Bar. Secure it by inserting the steel pin through the hole of the spreader bar (Figure 17).

17. To loosen or tighten your soft top, locate the adjustable sleeve on the Spreader Bar and twist to tighten or loosen the soft top (Figure 18). **NOTE:** Ensure to adjust the spreader bar equally on both sides of the vehicle. The adjustable bar can be used to keep your soft-top fabric tight in hot weather.



### Tailgate Bar

18. Insert Tailgate Bar into the top of the Tailgate Brackets (Figure 19).

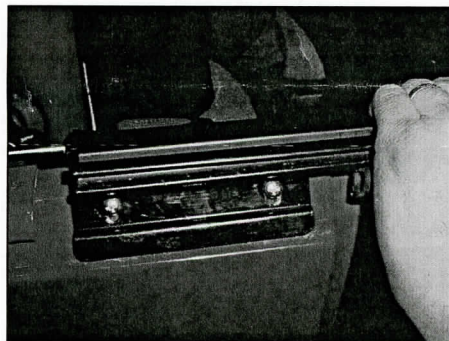


Figure 19

19. Locate the Channel on the Weather Strip and insert tailgate into channel (Figure 20). **NOTE:** Make sure the Weather Strip is fully engage to the tailgate before closing tailgate.

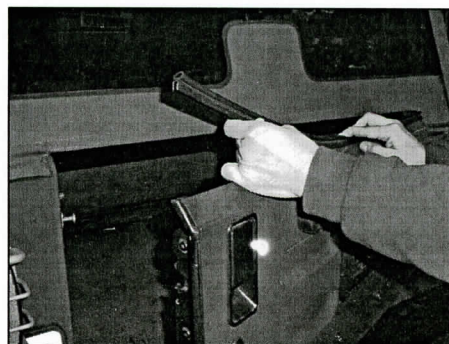


Figure 20





**LIMITED 90 DAY WARRANTY**  
Applies to Rugged Ridge Products

Rugged Ridge, Outland Automotive & OMIX-ADA (the company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced (at the Company's option) without charge for parts or labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s) to the place of purchase or freight pre-paid to the Company address listed below.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident or by acts of nature. THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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