



Thank you for choosing Dee Zee to add function and accessorize your vehicle. Dee Zee has been a staple brand in the truck accessory market since 1977 and we hold a reputation of quality manufacturing based in America's Heartland. Our products are born through careful engineering and backed by industry leading warranty programs. We appreciate the opportunity to serve you and your vehicle!

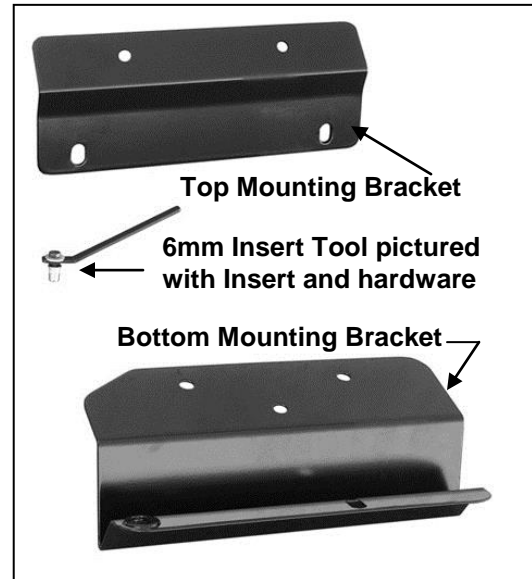
Review the instruction pages in their entirety to prepare the required tools

Cleaning: To be entitled to all warranty rights offered with the product, Dee Zee side rails need to be cleaned regularly with a mild detergent. Do NOT use abrasive cleaners.

(W)
INSTALLATION INSTRUCTIONS
REAR LADDER
07-13 FJ CRUISER
PART # DZ 760613/DZ 760611

PARTS LIST:

1	Step Ladder
1	Top Mounting Bracket
1	Bottom Mounting Bracket
4	6mm Metal Inserts
1	6mm Insert Tool
4	6-1.00mm x 20mm Hex Bolts
4	6mm Lock Washers
4	6mm x 22mm OD x 2mm Flat Washers
5	8-1.25mm x 20mm Hex Bolts
5	8mm Lock Washers
10	8mm ID x 16mm OD x 1.6mm Flat Washers
5	8mm Hex Nuts
	2.0mm x 278mm x 140mm Adhesive Backed Foam
2	Tape



PROCEDURE:

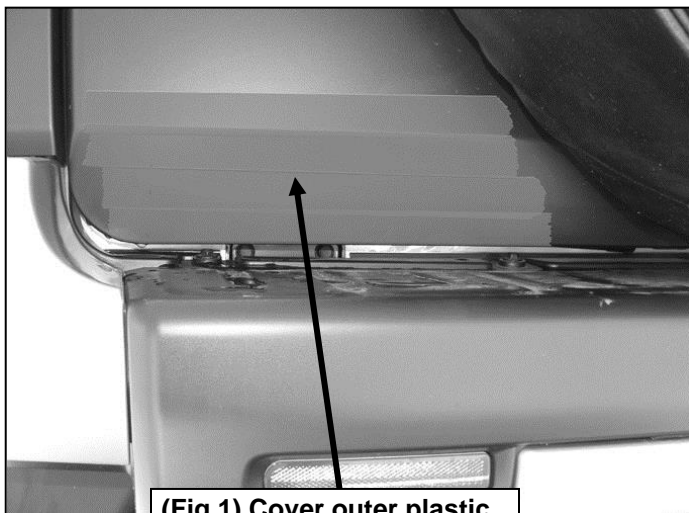
- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING IS REQUIRED. 10MM METRIC DRILL BIT IS REQUIRED, (MAY SUBSTITUTE 25/64" OR "W" DRILL). MAY NOT CLEAR SPARE TIRE LARGER OR WIDER THAN STANDARD AS SUPPLIED BY THE MANUFACTURER. ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID DAMAGE TO THE VEHICLE.**
- Remove the spare tire and set aside. Temporarily cover the outer plastic body panel at the bottom of the rear door with a layer of removable tape, (masking tape for example), to protect the finish during initial installation only, **(Figure 1)**. Also apply a layer of removable tape to the top-inside and outside of the rear door, **(Figure 2)**.
- Select the Top Mounting Bracket, **(Figure 3A)**. Apply the included Adhesive Backed Foam Tape to the inside of the Bracket, (surface of Bracket that will be in direct contact with the door), to protect the finish on the vehicle. Attach the Top Bracket to the top of the Ladder with the Included (2) 8mm x 20mm Hex Bolts, (2) 8mm Lock Washers, (4) 8mm Flat Washers and (2) 8mm Hex Nuts, **(Figure 3B)**. Snug but do not fully tighten hardware at this time.
- Select the Bottom Bracket. Apply the included Adhesive Backed Foam Tape to the inside of the Bracket, (surface that will be in direct contact with the door), as previously described.
- Partially open the rear door of the vehicle. Hang the Ladder with Top Bracket over the top of the door. Have an assistant hold the top of the Ladder in place against the door. Hold the Bottom Bracket up to the bottom of the door, **(Figure 4)**. Bolt the Bracket to the bottom of the Ladder with the included (3) 8mm x 20mm Hex Bolts, (6) 8mm Flat Washers, (3) 8mm Lock Washers and (3) 8mm Hex Nuts, **(Figure 5)**. Snug but do not fully tighten hardware at this time.
- Line up the left side of the Ladder with the rear window for a vertical reference, **(Figure 6)**. Hold the Bottom Bracket up tight against the bottom of the door pushing up against the bottom of the Ladder, **(Figure 7)**. The Bracket must fit as tight as possible against the door to clear the rear door check rod.
- Slowly open and close the door to check for clearance. Note that the Bottom Bracket should be about 2-1/4" to 2-3/4" back from the left edge of the rear door, **(Figure 7)**. Check the fit and the location of the Brackets, (top and bottom), and make sure there is enough clearance between the Ladder and the body, bumper and check rod with the door fully open and closed before marking and drilling.
- Using the slots on the Bottom Bracket as a template, firmly hold the Bracket in place and trace the slots onto the vehicle, **(Figure 7)**. Repeat to mark the slots for the Top Bracket, **(Figure 2)**. **NOTE:** Before marking the locations, make sure the Ladder is vertical, straight and properly lined up with the rear door and spare tire.

9. Temporarily install the spare tire and check for clearance between the tire and the Ladder assembly.
NOTE: An aftermarket wheel spacer, (not included), may be required for additional clearance between the spare tire and Ladder.
10. Remove the Ladder assembly and set aside on a clean surface. Drill the center of the marked holes for the **Bottom Bracket** first using a 10mm drill bit, (may substitute 25/64" or "W"). Be very careful to avoid damage to the outer body panel during drilling. **IMPORTANT!** Any cutting or drilling tool may break or shatter. Government regulations require safety glasses & equipment at all times when cutting or drilling.
11. Assemble the Metal Insert & Tool assembly as shown in **Figure 8A**. Hold the handle and push the Insert into the drilled hole until the lip on the Insert is tight against the surface on the door. **NOTE:** Insert should fit snug into drilled hole for proper installation. Hold the Tool and Insert firmly against the sheet metal and tighten the Hex Bolt in the Insert, (**Figure 8B**). Continue to tighten the Hex Bolt until the Insert is fully collapsed and locked into place, (threads will be pulled to the top-see **Figure 9**). Once the Insert is properly installed, remove the Hex Bolt and Tool from the Insert. Repeat this Step to install the remaining Insert for the Bottom Bracket. Do not over tighten the Inserts.
12. Bolt the Bottom Bracket to the bottom of the door with (2) 6mm x 20mm Hex Bolts, (2) 6mm Lock Washers, and (2) 6mm Flat Washers, (**Figure 10**). Tighten the hardware at this time.
13. Hang the Ladder with Top Bracket in place as previously described. Bolt the Ladder to the Bottom Bracket. Align the Ladder with the rear window once again and double-check the previous marks for the Top Bracket, (**Step 8, Figure 11**). Once satisfied with the Ladder alignment, remove the Ladder and Top Bracket. Drill the (2) holes in the back of the top of the door and install (2) 6mm Inserts as described in **Steps 10 – 11, (Figures 12 & 13)**.
14. Bolt the top of the Ladder and Top Bracket to the top of the door with (2) 6mm x 20mm Hex Bolts, (2) 6mm Lock Washers, and (2) 6mm Flat Washers, (**Figure 14**). Reattach the Ladder to the Bottom Bracket and tighten all hardware. Slowly close door to check for clearance.
15. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

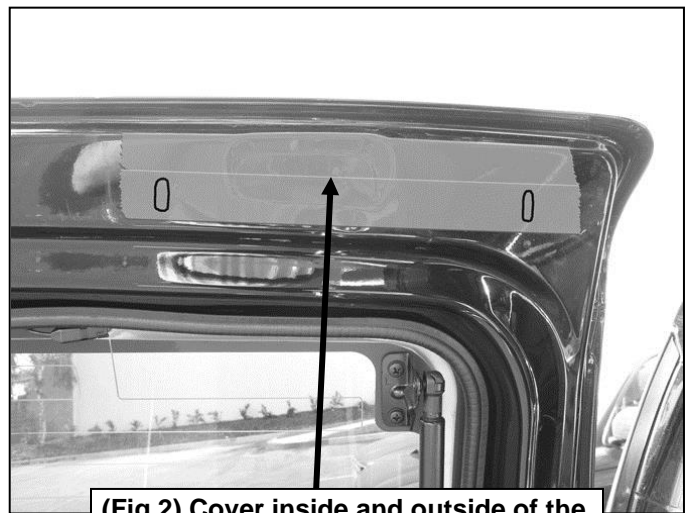
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Ladder and Brackets.

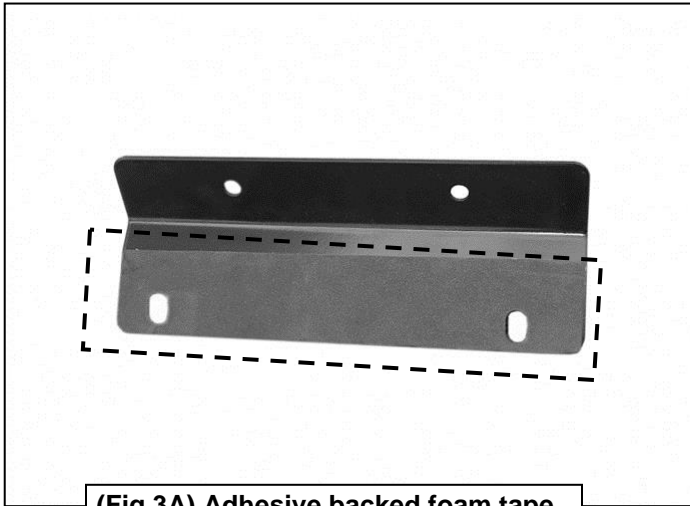
For gloss black finishes: Mild soap may be used to clean the Ladder and Brackets.



(Fig 1) Cover outer plastic panel with removable tape



(Fig 2) Cover inside and outside of the top of the door with removable tape



(Fig 3A) Adhesive backed foam tape

- Bolt top Bracket to Ladder with:**
- (2) 8mm x 20mm Hex Bolts
 - (2) 8mm Lock Washers
 - (4) 8mm Flat Washers
 - (2) 8mm Hex Nuts

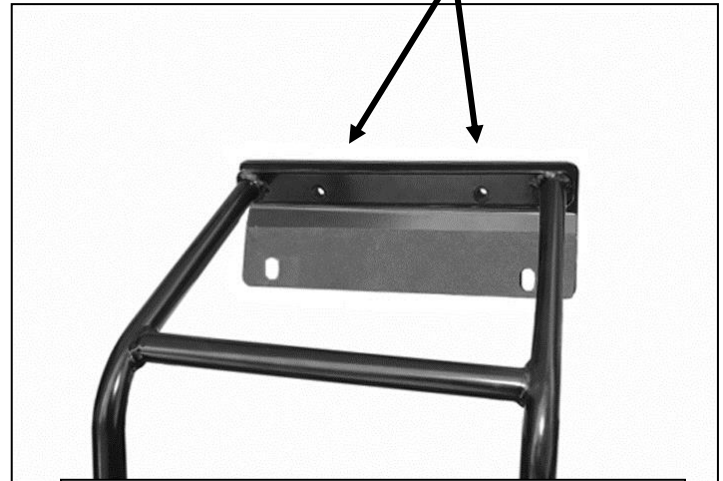
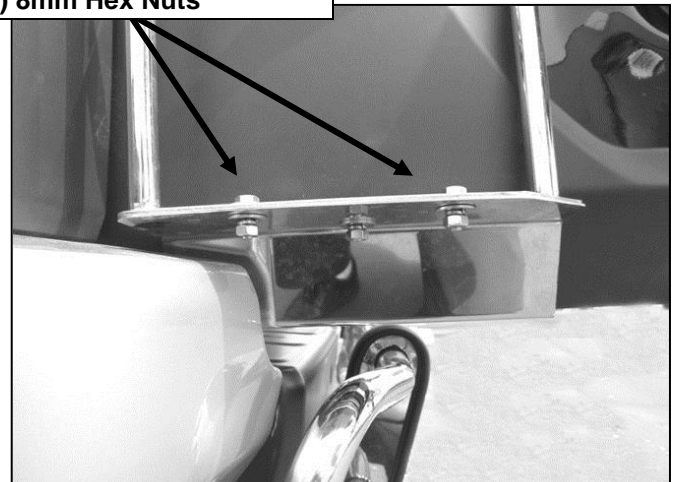


Fig 3B) Top of ladder with Top Bracket pictured



(Fig 4) Push Bottom Bracket up tight against door

- (3) 8mm x 20mm Hex Bolts
(3) 8mm Lock Washers
(6) 8mm Flat Washers
(3) 8mm Hex Nuts



(Fig 5) Ladder pictured with rear door slightly open. Make sure that the Ladder clears the rear bumper and body with the door fully opened before marking and drilling any mounting holes.

Use the left side of the rear window for a vertical reference

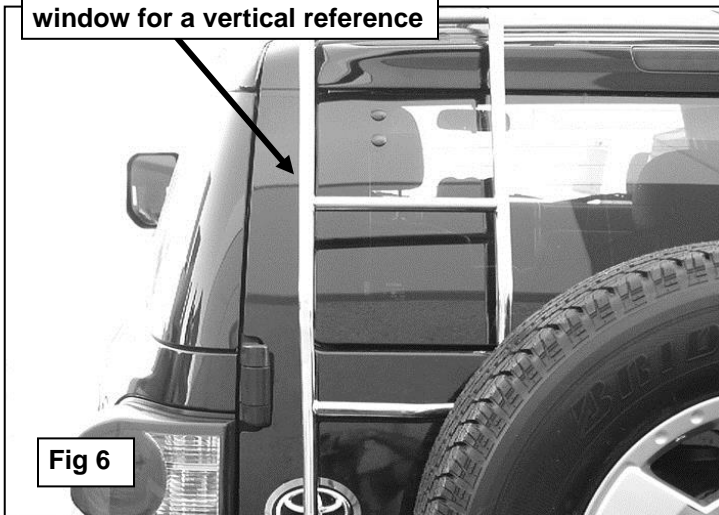
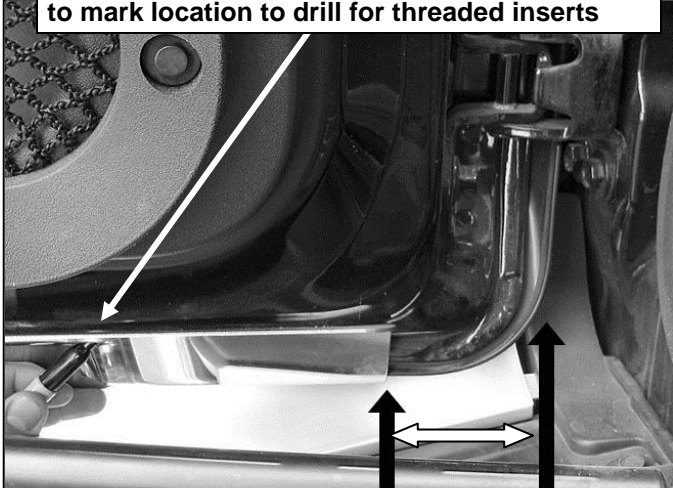


Fig 6

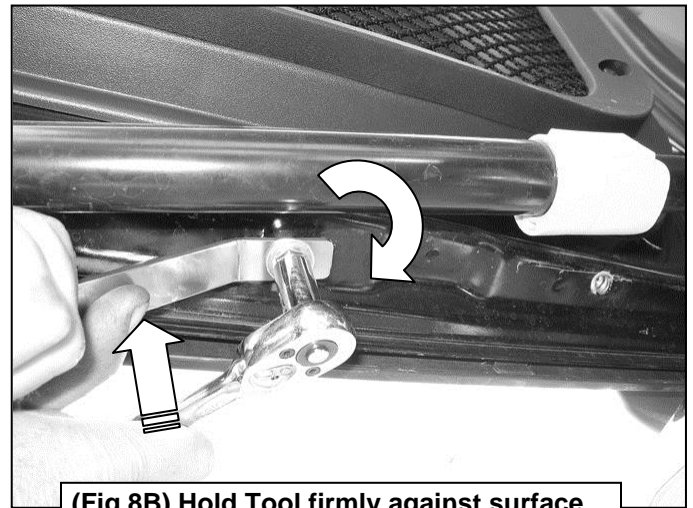
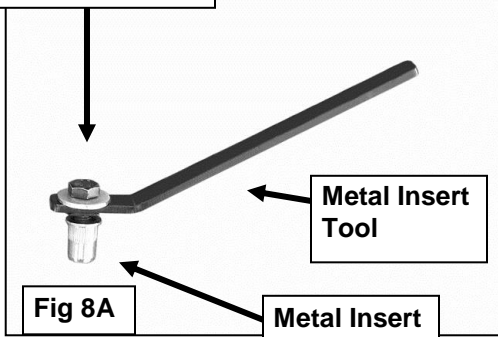
Use the Lower Mounting Bracket as a template to mark location to drill for threaded inserts



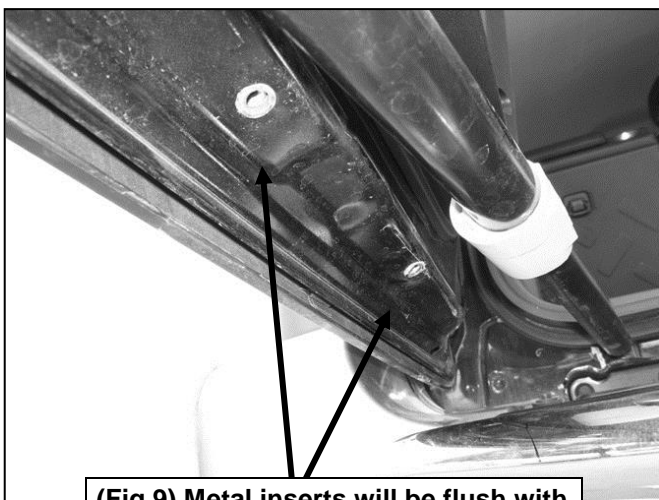
(Fig 7) Mark the location with Bracket approximately 2-1/4" to 2-3/4" from the vertical edge of rear door

Before holes are drilled for Bottom Bracket, check clearance between rear door check rod and Bracket. Due to vehicle assembly tolerances, it may be necessary to lower the check rod brackets to clear the Ladder Bracket. Loosen the bolts attaching the check rod bracket to the body and slide downward if possible, (Fig. 1). Fender washers (not included) may be used for spacers between the bottom of the door and the outer check rod bracket.

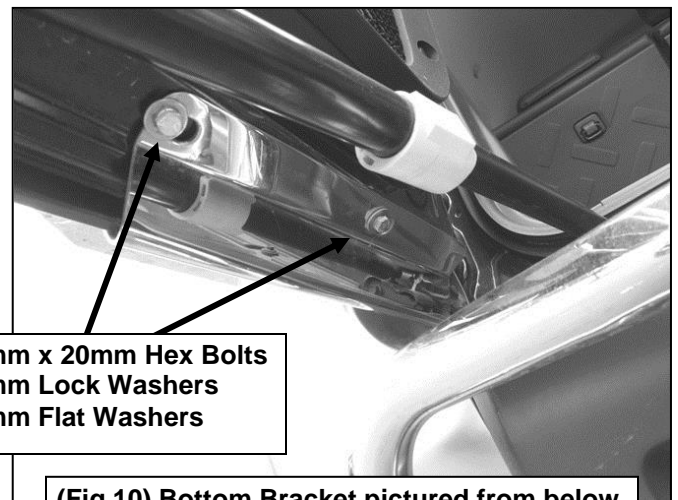
6mm x 20mm Hex Bolt
6mm Flat Washer



(Fig 8B) Hold Tool firmly against surface while tightening Hex Bolt to expand Insert

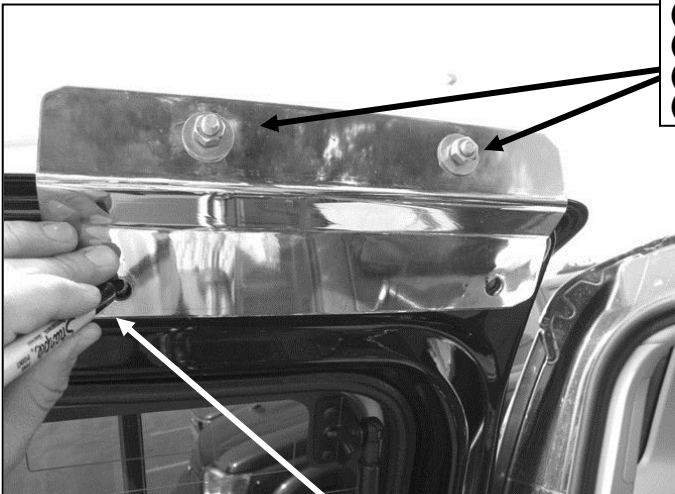


(Fig 9) Metal inserts will be flush with sheet metal when properly installed



(2) 6mm x 20mm Hex Bolts
(2) 6mm Lock Washers
(2) 6mm Flat Washers

(Fig 10) Bottom Bracket pictured from below



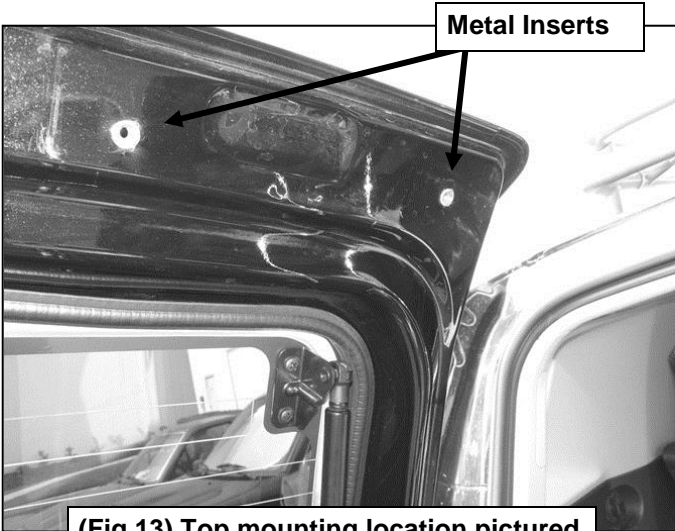
- (2) 8mm x 20mm Hex Bolts
- (2) 8mm Lock Washers
- (4) 8mm Flat Washers
- (2) 8mm Hex Nuts

(Fig 11) Mark locations for drilling-also see Figure 2



Fig 12

Hold Tool firmly against surface while tightening Hex Bolt to expand Insert



Metal Inserts

(Fig 13) Top mounting location pictured



Installation Complete

- (2) 8mm x 20mm Hex Bolts
- (2) 8mm Lock Washers
- (4) 8mm Flat Washers
- (2) 8mm Hex Nuts

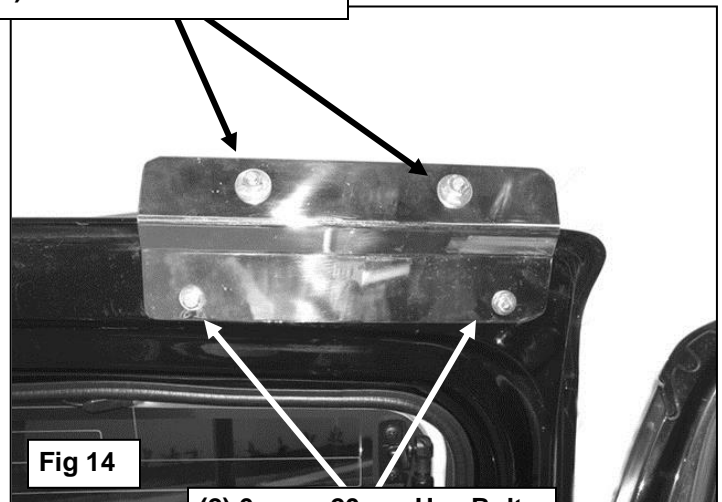


Fig 14

- (2) 6mm x 20mm Hex Bolts
- (2) 6mm Lock Washers
- (2) 6mm Flat Washers