



Cub Cadet Challenger 500/700

Door / Rear Window (Half-Doors)

Your enclosure is made of heavy duty fabric that is water repellent and resistant to mildew, ultra-violet rays and abrasion.

Surface Preparation Instructions and Guidelines

Cleaning: To achieve a strong bond between Velcro adhesive and UTV surface, you must clean the surface. Use a mixture of 50% alcohol and 50% water to remove dirt, mud and dust from roll bars and plastic body components. Let dry. Repeat this process 3 times.

The adhesive hook should be applied at a temperature of 70 degrees or above.

Bond between UTV and adhesive hook is dependent upon the amount of adhesive to surface contact development. Firm application pressure develops a better adhesive contact and improves bond strength.

After application, the bond strength increases and approaches the ultimate bond strength after 72 hours. Bond strength build up: 20 min equals 50% bond strength, 1 hour equals 75% bond strength, one day equals 90% bond strength, and 3 days equals 100% bond strength.

More tips for installation.

Two is better than one: We recommend a second person be involved for the installation process. Getting the panel in the correct position takes some pulling and tugging, we find the process runs smoother when there are two people pulling.

Test adhesion: Use a small piece of Velcro, remove backing and adhere to roll bars. Wait 20 minutes, Velcro should already be difficult to remove.

Still having trouble with adhesion: If Velcro is still not adhering to the roll bars, use a piece of hook (rough side of Velcro) to "rough up" the surface of your roll bar. We do not recommend this for the plastic body of your UTV, it will scratch.

Unsure about Velcro placement: With-out removing the white backing, attach the Velcro to your enclosure panel. Hold panel up to the UTV and note the area that the Velcro should attach. You can use the double-sided straps with-out Velcro to help hold up the panel while you remove the white backing and adhere sticky Velcro. We will send extra Velcro that can be used to hold the enclosure to the cab frame for easy notation of Velcro placement.

Attaching panel: Attach the panel top first, then work your way around the panel pulling the tabs and sticking them to the corresponding adhesive Velcro. The Webbing (black trim) of the panel should align to the middle of the roll bar.

Installing with Windshield and Hard Top.

If you have a windshield and or hard top on your UTV, you will need to remove them before installing the door and top. After the installation of your enclosure is complete you will then reinstall the windshield and hard top. The hard top will fit down over the fabric top. You will need to cut into the fabric top to make an opening for the hard tops fastening hardware. Cutting directly through the fabric is ok for the hard top. We do not recommend cutting through the fabric anywhere else. You will not need to burn the fabric, for it will not unravel. We recommend burning for the tabs only! This will prevent unraveling of said tabs.

If clamps for the windshield or hard top are interfering with the sewn-on Velcro tabs or straps on your enclosure, you can modify the tabs and straps easily by cutting them to fit. Mark where the tabs need to be cut to accommodate your windshield or hard tops clamps or bolts. Cut the tabs and burn the edges with a lighter to prevent unraveling. Do not cut into the binding (darker black trim around your door panel).

Installation Instructions

Step 1: Remove your 3SI UTV Cab Enclosure and Velcro kit from the shipping box.

Step 2: Remove existing windshield and hard top.

Step 3: Clean all surfaces on which you will be placing the adhesive Velcro according to the surface preparation instructions. Wait until the surfaces are dry.

Step 4: Remove the backing from the adhesive hook strips and install as indicated in the following adhesive hook table and pictures. Press firmly.

Step 5: Wait 72 hours! This step is very important to the life of your Velcro. Waiting the full 72 hours will ensure that your Velcro and enclosure will stay on in rain, sleet, snow or mud.

Step 6: After all adhesive Velcro strips are attached, begin attaching each panel to the cab frame.

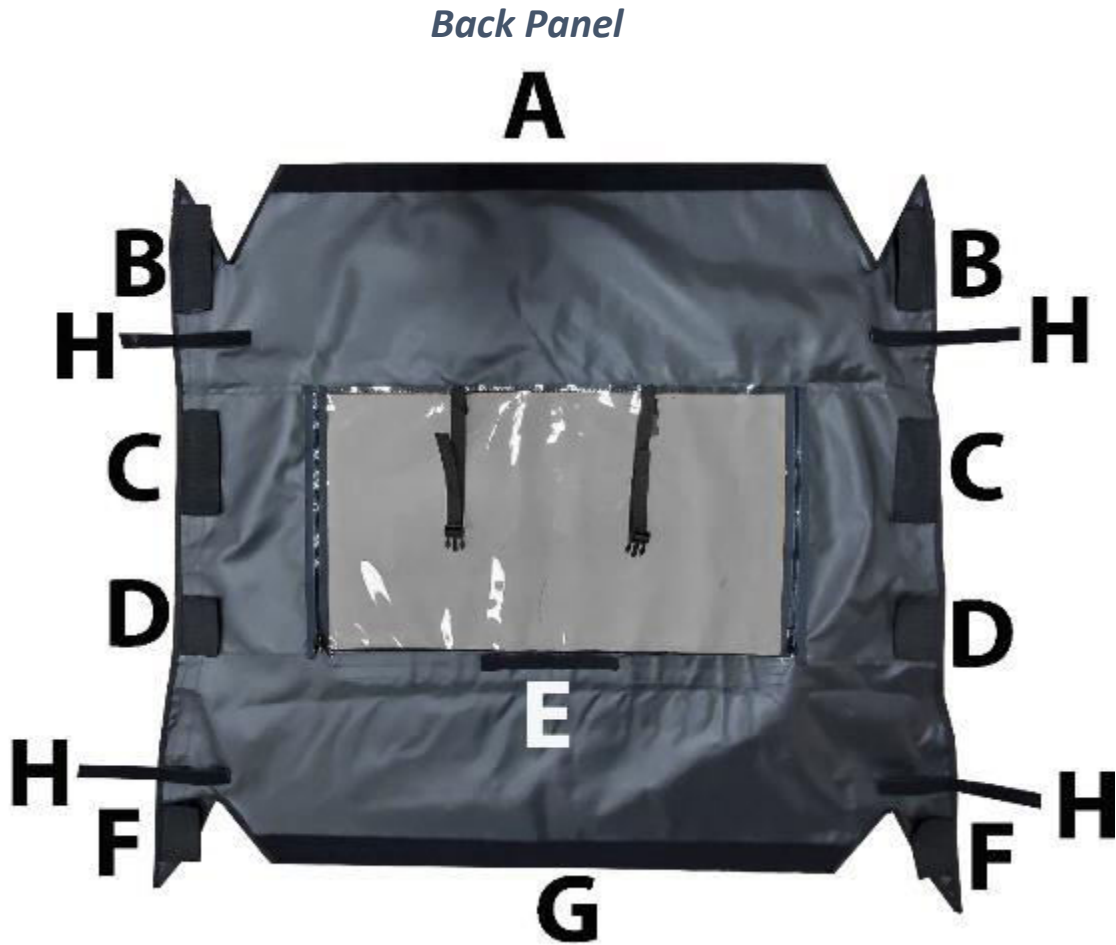
Step 7: After all panels are attached work your way around the UTV remove, pull, and reattach, each Velcro tabs to achieve a tight fit. You may need to do this a few times.

Step 8: When your enclosure is in the correct position the binding or trim around the panels will rest in the center of the roll bar. If you have a windshield the binding, will rest along the edge of your windshield.

Step 9: Re-install your windshield, and hard top.

See enclosed Product Care sheet for instructions on how to properly care for your 3SI UTV enclosure.

Pictures show the sewn on Velcro tabs and straps that correspond to the Velcro chart.



**Adhesive Hook Table
Back Panel**

REFERENCE	QUANTITY/SIZE	PLACEMENT
A	2-38"	Attach horizontally to the inside of the top rear roll bar. (Figure 1)
B	2-8"	Attach to the top of the back side roll bar. (Figure 2)
C	2-8"	Attach to the middle of the side roll bar. (Figure 2)
D	2-6"	Attach below strip C. (Figure 2)
E	1-6"	Wrap this strip around the center back roll bar. Circled in white. (Figure 4)
F	2-6"	Attach to the bottom of the side roll bar. (Figure 2)
G	1-41"	Raise bed and attach to the flat area behind the bed. (Figure 3)
H	4-8"	Wrap these strips around the roll bar. (Figure 2)

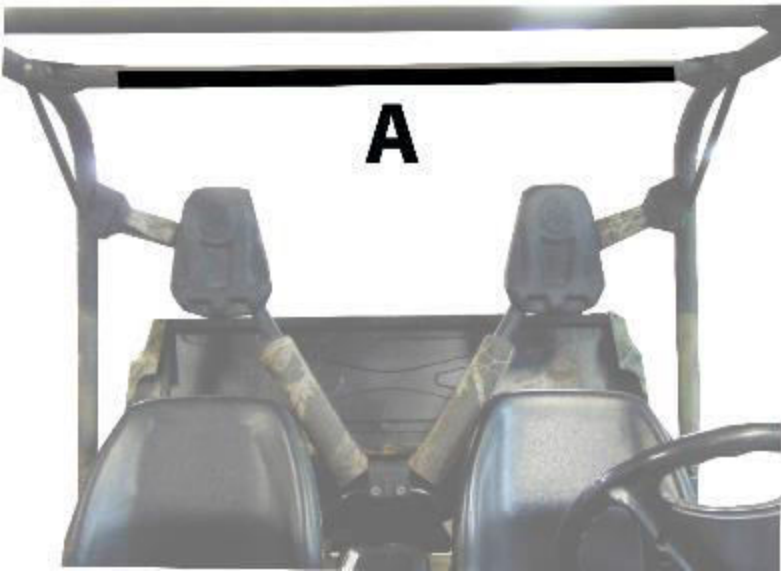


Figure 1: This strip will stretch all the way across the back roll bar. Pull the top of the back panel up and over the top of the roll bar and attach.



Figure 2: Strips H wrap around the roll bar. The other pieces will mold to the roll bar vertically.

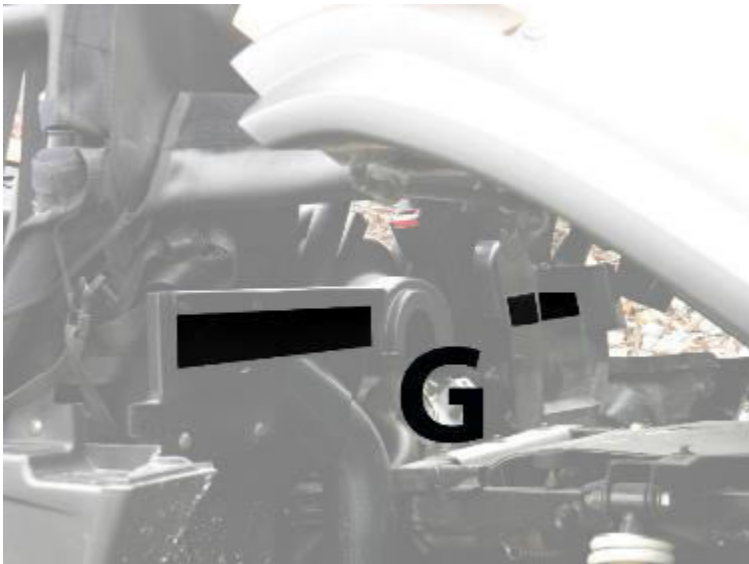


Figure 1: This piece will come as one long strips. You may need to cut it into separate pieces to fit behind your bed.



Figure 4: Wrap strip around the back roll bar. Photo also shows placement of Velcro tabs on the sides of the UTV.



To achieve a tight fit, work your way around the UTV remove each Velcro tab, pull and reattach tab to adhesive Velcro. Do this on each side pulling in the direction that will cause the back panel to set even on each side.

Pictures show the sewn on Velcro tabs and straps that correspond to the Velcro chart.

Door Kit



Adhesive Hook Table

Door Kit

Reference	Quantity	Placement
A	2-8"	Attach horizontally to the inside of the top side roll bar. (Figure 1)
B	2-8"	Attach to the inside of the forward facing roll bars. (Figure 2)
C	2-8"	Attach to the inside of the forward facing roll bars. (Figure 2)
D	2-8"	Attach to the outside roll bar at the bottom near the fender. (Figure 1)
E	2-8"	Attach to the outside of the factory half door. Attach metal plate to Velcro strip, there are magnets sewn into the door that will attach to the plate. (Figure 1)
F	2-8"	Attach horizontally to the plastic below the seat. (Figure 3)
G	2-3"	Attach to the inside area under the seat. (Figure 3)
H	2-3"	Attach to the inside area under the seat. (Figure 3)
I	2-8"	Attach horizontally to the plastic below the seat. (Figure 3)
J	2-2"	Attach at an angle on the roll bar near the seat. (Figure 1)
K	2-10"	Raise the bed and attach to the bottom of the back roll bar facing the bed. (Figure 5)
L	2-27"	This piece is positioned on the back roll bar facing the bed. If you have a back panel the Velcro for this piece is sewn on to the outside of the back panel. Tab L will wrap around the bar and attach to the back panel. (Figure 4)
M	2-9"	Place adhesive hook on the outside of the top side roll bar. You may want to cut this piece so that the Velcro will mold to the curve. (Figure 1)
N	12-6"	Each of these strips will wrap around the roll bar. (Figure 6)

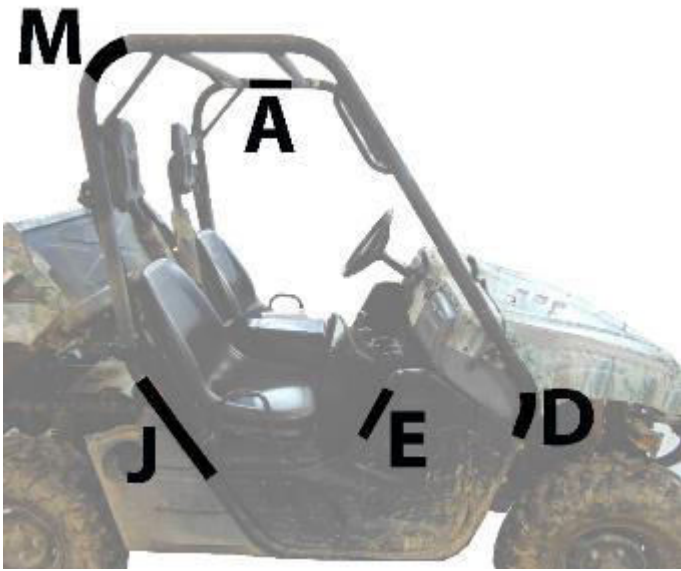


Figure 1: Photo shows placement of adhesive Velcro. Strips E is for the metal plate included in your door kit. There are magnets sewn into the door that will stick to the metal plate.



Figure 2: Place these strips more towards the inside of the roll bar. Tabs on the front of the door kit will wrap around the roll bar.



Figure 3: These strips are placed on the inside of the UTV.



Figure 4: Shows placement of Velcro strips down the back of the roll bar. If you have a back panel the Velcro for this tab is sewn down the back of the back panel.



Figure 5: Raise the bed and attach to the bottom of the back roll bar.



Figure 6: Adhesive strips N will wrap around the bar, the double sided tab for the red circle will not need adhesive Velcro. Wrap this tab around the hinge.



Figure 7: Metal plate has adhesive loop on the back that will attach to the adhesive hook placed on the outside of the factory door.



Figure 8: We have included a buckle that will secure the metal plate to the door. If the plate comes loose during use it will stay attached to the door.



Figure 9: When the installation is complete your door kit should resemble the door kit in the photo.



3 STAR INDUSTRIES

Care Instructions

Heavy Duty Marine and Mil-Spec Military Fabric Cleaning

All 3SI UTV Enclosure Heavy Duty Marine and Military Camo fabrics are guaranteed against excessive loss of color or strength under normal exposure and use conditions. Periodic cleaning with a solution of 4 ounces of bleach and 2 ounces of soap (NOT DETERGENTS) in one gallon of water is recommended to minimize accumulations of dirt, bird droppings and other contaminants which can support surface mildew and stain fabric.

Soft Vinyl Window Cleaning

3SI UTV Enclosure Vinyl Windows will remain clear and provide great visibility under normal exposure conditions if properly cleaned. Periodic cleaning with a solution of 1 ounce of soap in one gallon of water is all that is needed to maintain good window cleanliness and visibility. Caution: DO NOT USE ANY DETERGENTS, WINDOW CLEANERS, SOLVENTS or CHEMICALS OF ANY KIND TO CLEAN VINYL WINDOWS AS THESE WILL CLOUD THE WINDOWS. ALSO, NEVER RUB WINDOWS WITH A DRY CLOTH OR RAG.

Storage Recommendations

Before removing the 3SI UTV Enclosure from your vehicle for storage, clean the Fabric and Vinyl Windows thoroughly as indicated above. Any dirt remaining on the Enclosure may scratch Vinyl Windows while in storage. Once the Enclosure has been cleaned it should be placed on a large flat surface. Lay the Enclosure out so that Vinyl Windows are in a flat position. Fold the doors over the rear panel first then fold the top and windshield on top of the doors keeping the Vinyl Windows flat. Caution: **FOLDING VINYL WINDOWS WILL CAUSE PERMANENT CREASE DAMAGE AND WILL VOID ALL WARRANTIES.** Once the Enclosure is folded keeping all Vinyl Windows flat, begin rolling the Enclosure into an 8" roll. Place the 8" roll into a box and store at normal room temperature. To ensure long life of your enclosure it is best not to store in extreme temperatures.

Hauling

The ONLY products manufactured by 3SI UTV that can be hauled while installed are the hard windshields, full cab enclosures, and door/rear window combos with top and windshield installed. **However, the full cab enclosures and door/rear window combos should be tied down before hauling.** Speed should not exceed 55 mph while hauling to prevent ripping and shredding of the material and zippers. NEVER HAUL INSTALLED SOFT TOPS, WINDSHIELD TOP COMBOS, AND SUMMER CABS. **REMOVE BEFORE HAULING.**