



BULL DAWG SUV DOORS

The Perfect Companion for your Sport SUV
Another quality company by McLaughlin Manufacturing.
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FINISH OUT PROCEDURES FOR PRIMERED DOORS

(You can also view this installation sheet in color online at:
<http://www.bulldawgmfg.com/BullDawgmfginstall.pdf>)

Painting the Doors

The Doors are already Primered with a gelcoat finish. If you are going to be texturing them using a gelcoat finish, no other primer is need. If you are planning on using a automotive grade paint, we recommend priming them with a typical automotive grade primer and then sanding them down to a fine grit to remove any noticeable scratches or imperfections which may show up during the painting process.

Note: Regardless of what paint you intend to use, lightly sanding all surfaces of the door (according to the corresponding paint manufacturers instructions) is highly recommended for proper paint adhesion. Once properly sanded, the surface should then be thoroughly wiped down using acetone or a similar pre-painting agent in order to remove dust and prep the surface for receiving paint.

If a textured surface is desired, first spray the entire surface of the doors with a smooth base coat making sure all surfaces have been covered with the desired color of paint.

Once the base coat has hardened, stand back at a distance and spray the surfaces of the door again letting the paint droplets fall onto the surface of the base coat, thus achieving a texture. Practice this technique on a piece of cardboard before attempting this procedure on the doors. Standing back at various distances and adjusting the air pressure will produce different texture results. Experimentation is the key to finding the desired texture. (**Note:** If using gelcoat as the spray medium, adding a small amount of paraffin wax to the final spray will aid in the proper curing of the gelcoat paint)

Insure that the painted doors have had adequate time to dry before attempting to handle them and continuing to the next step.

Installing the windows (*Steps 1 & 2 may already be completed*)

- 1) Lay the corresponding window face down on a flat non-abrasive surface. Wipe down the outer rim of the window to remove any dust which may have collected on this surface. (Refer to picture)



- 2) Next, apply the double adhesive sticky tape gasket (1" x 1/4") around the perimeter of the window leaving the waxed paper on the exposed side of the gasket. Start at the lower front corner of the window and overlap the gasket in this location. (Refer to picture)



Any exposed gasket will be trimmed off later. The gasket should be lined up with the edge of the flange but not protrude out past the edge of the flange.

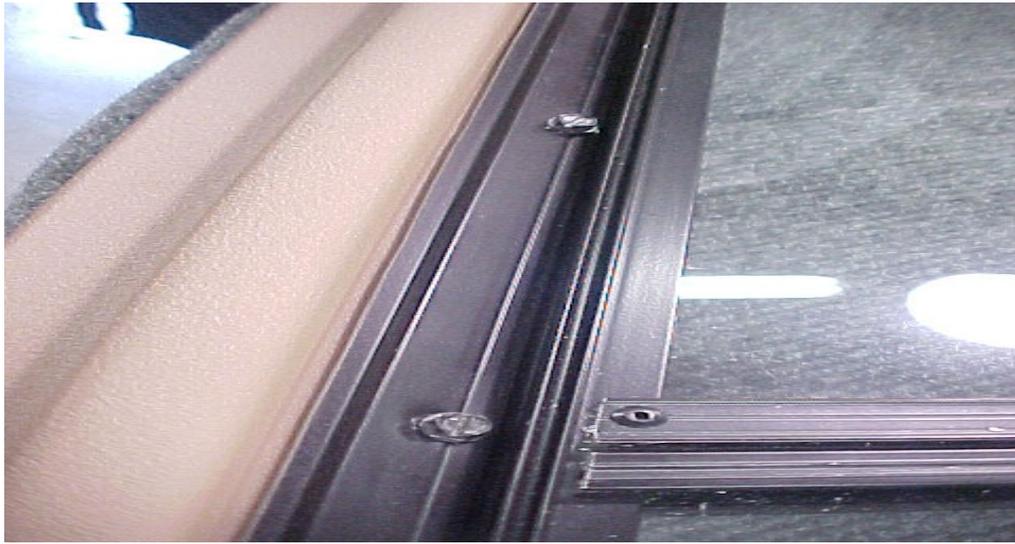


- 3) Now peel away the waxed paper revealing the exposed side of the gasket.
- 4) Carefully place the corresponding door over the window making sure it is seated evenly into the door opening. You are now ready to place the inner clamp ring into position and begin clamping the window in place.



Using the enclosed screws, a ¼” nut driver (a magnetic nut driver is helpful) and an adjustable torque drill, insert a single screw into each of the corners of the clamp ring making sure the ring does not catch on the lip of the window. Make sure the screws go into the “screw ring or groove” of the window. You will want to set the torque at a low setting at first to avoid striping out the screws. Once these screws are installed and the clamp ring is set in its proper place you can now proceed screwing in the rest of the screws working your way around the window. (Refer to pictures)

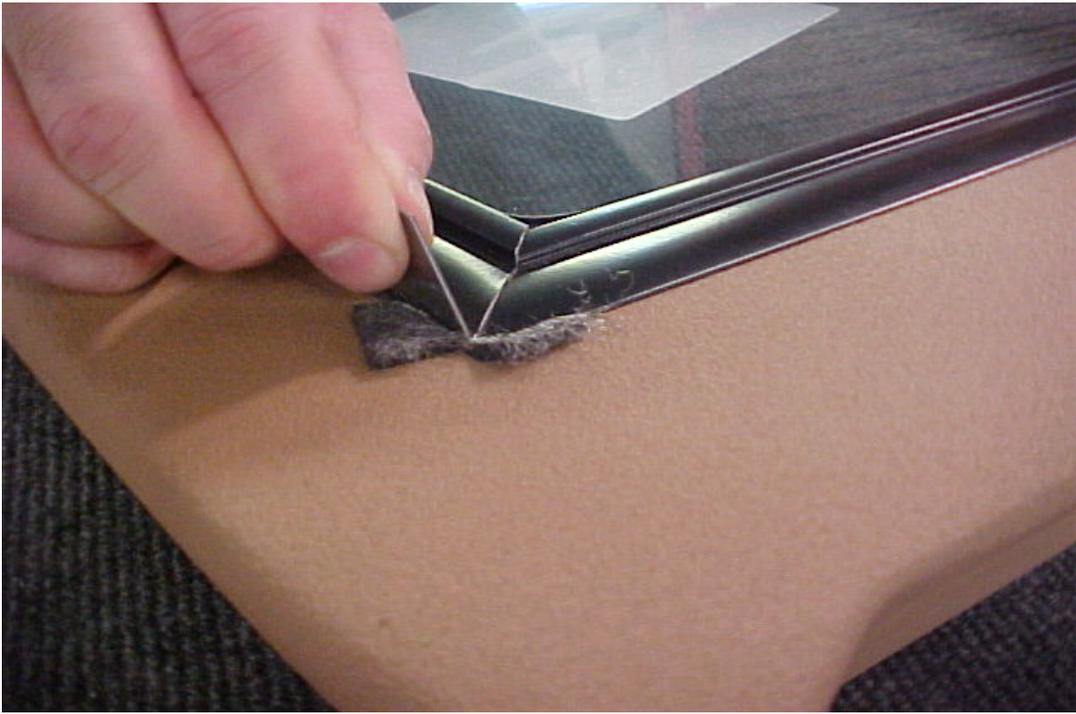




- 5) Once all the screws have been installed, flip the window over and check to see if the window/window frame has been evenly and fully pulled down to the surface of the door.



- 6) If there is an area that has not been sufficiently pulled down, flip the door back over and retighten the screws in that area.
- 7) Once the window has been clamped into place, flip the door over so that the exterior of the door is facing up. Using a razor blade, carefully trim off any of the gasket that is protruding out from the window frame.



Installing the Gaskets

Half-Moon Gasket - We will begin with the shorter half-moon gasket (approximately 33" in length) which is installed on the bottom of the door.

- 1) First, wipe the surface of the door in the location where the gasket is to be installed with acetone in order to aid in the adhesion process. (Only use acetone if gelcoat is what has been sprayed. For other applications use the correct bonder.)



- 2) Peel away the plastic from the gasket, exposing the 3-M adhesive strip.
- 3) Beginning at one end of the door, carefully position the gasket to line up with the bottom of the door and press into place working your way to the other end.



4) Trim off any excess gasket with a razor blade.



Perimeter Door Sealing Gasket – This is the long gasket (approximately 70” in length) that goes around the perimeter of the inside of the door.

1) Follow steps (1) and (2) from above.



- 2) The perimeter door gasket begins at one of the bottom corners of the door and extends around to the other corner with the “seal-flap” facing away from the window.



- 3) Make sure the gasket is being held firmly in place by applying moderate pressure on all surfaces of the gasket.
- 4) Excess trim should be cut off flush with the bottom of each side of the door using a sharp razor knife.

NEXT PLEASE FOLLOW THE INSTALLATION INSTRUCTIONS FOR 97 TO 2006 TJ UPPER-HALF DOORS & ENJOY YOUR NEW UPPER-HALF DOORS!!