



CAN AM X-3 Hi-Bred Door Kit Installation Guide

Thank you for purchasing these genuine SDR Motorsports Doors. We hope you enjoy them as much as we enjoyed building them for you. Please read the following instructions carefully and review the pictures to familiarize yourself with the layout and construction of the door kit and hardware. As with any production vehicle there are several production tolerances that can effect the fitment and operation of your new doors. We have provided some steps and tips on how to adjust the doors to your vehicle that will make them fit and work as designed. ADJUSTMENTS will almost always be needed so please take your time and give us a call for help with any questions you may have on our toll free number 1.800.277.2280 and hit ext. 2 mon-fri. 9 A.M. to 5 P.M. PST. Or send us a message to info@sdrmotorsports.com

Tools Needed:

- 1/8 and 5/16 Drill bit and drill
- 1/8 inch Allen Wrench
- 5/32 Allen Wrench
- 8mm Allen
- 13mm wrench and socket
- T30 Torx Bit

Hardware Kit

- 1 left and 1 right side Hinge Bracket
- 1 left and 1 right billet door hinge
- 2pc. billet hinge caps
- 4pc. M10-24 X 5/8 SS Allen Bolt (hinge cap bolts)
- 2pc. 5/8 X 2 Hinge Pivot Shoulder bolts
- 4pc. 5/16-18 X 2 HHCS Hinge Bolts
- 2pc. 5/16-18 X 3/4 HHCS Hinge bracket bolts
- 6pc. 5/16 SAE Flat Washers
- 6pc. 5/16-18 Nylock Nuts

NOTE: All pictures are of the Drivers side.



Step 1: Removing the Stock Doors

Drill out Rivet on door strap
Using 1/8 drill bit



Remove factory bolts



Swing away bracket and lift off door.



Step 2: Installing the hinge bracket

1. Cut out the paper template included in these instructions and lay it on the bottom chassis mount as shown in Fig 4. Using a Punch mark the hole location for drilling. Drill a 1/8 pilot hole then finish with a 5/16 drill bit or step drill Fig. 5
2. Loosen the factory torx bolt above and below the chassis mount (fig. 6A) and push the bed side towards the back of the car, while holding the bedside back, re-tighten the bolts.
3. Locate the drivers side hinge bracket and hinge, using the 5/16 X 2 Hinge bolts, nuts, and washers assemble the hinge into the bracket as shown in fig 7 placing the nuts and washers towards the outside of the car (do not fully tighten bolts at this time)
4. Place hinge bracket on car and install the stock top bolts and washers along with the 5/16 X 3/4 bolt, nut, and washers as shown in Fig. 8. Tighten the bottom bolt first and the top bolts second (do not fully tighten the bolts at this time)

Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Step 3: Installing the door frame

1. Slide the door into the hinge carefully and visually align the bushings to the hinge pivot hole as shown in Fig. 9 and Fig. 10
2. Place the Pivot Hinge Bolt in the top of the hinge and using a dead blow hammer Fig. 11 (a normal hammer can also be used being careful not to damage the allen key) carefully tap the bolt down to the thread engagement as shown in Fig. 12
3. Using your 8mm allen head tool, tighten the pivot bolt to 15ft, lb torque or approx.. Fig. 13 (do not over tighten as this could damage the aluminum threads)
4. Loosen the 5/32 allen bolts on the latch Fig. 14 and carefully close the door. Tighten all bolts from the previous steps and adjust the latch and tighten as needed to allow the door to open and close smoothly. NOTE: the latch features a double engagement, check to make sure it latches completely. You can tell it is not completely latched if the door wont open, but will move in and out. If this is happening, re-adjust latches in or out as needed.
5. **DOOR ALIGNMENT:** this step is critical to the doors opening and closing smoothly. Due to Production tolerances and inconsistency from the factory some amount of manual adjustments may be needed. This can include twisting or lifting the door to properly align Fig 15 and Fig 16. **MAKE SURE ALL BOLTS ARE TIGHT FIRST.** Don't worry about bending the door, we designed the door to have this adjustment ability. Remember, several small adjustments will give you better results vs. big adjustments. Please give us a call with any questions 800.277.228

Fig. 9



Fig. 10

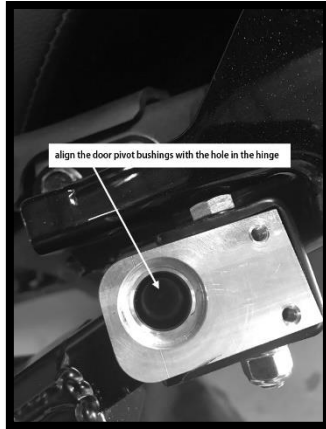


Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Step 4: Panel Install

1. Remove the Foam Tape from the installation Kit and place tape on door frame as shown in Fig. 17 this will minimize any rattling or noise from the panel to frame.
2. Place panel over frame and install Dzus Buttons using 5/32 allen starting in the center working your way around clock-wise. There is a slight bend in the panel needed to align the holes so slight mis-alignment is normal. Fig. 18
3. Install the hinge bolt cap Fig. 19 and double check all fasteners.

Fig. 17

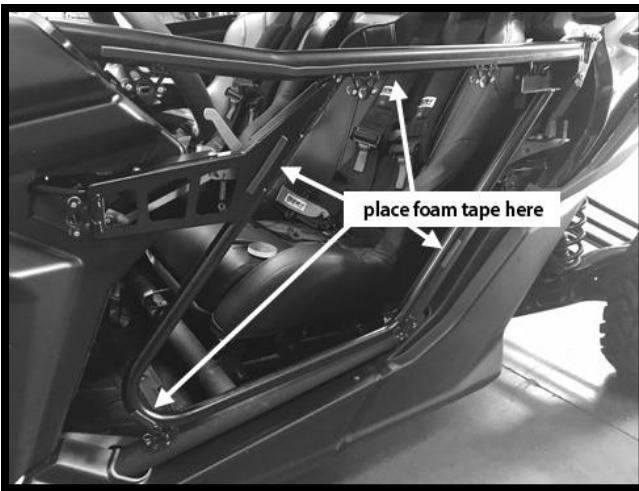


Fig. 18



Fig. 19



Congratulations, your done! Make sure to check all bolts as part of your normal maintenance routine to ensure bolts remain tight and doors function smoothly. Re-adjustment may be needed, simply follow the adjustment steps as needed. Feel free to contact us with any questions or comments. 800.277.2280 or info@sdrmotorsports.com



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CAN AM MAVERICK X3 DOOR HINGE BRACKET TEMPLATE

Cut out this template carefully and use to mark the holes on the chassis mount per step two.