

Armor Tech Defender & Defender Max Door Installation Manual

Tools Needed

- 7/16 Wrench
- ¾ Wrench
- 11/16 Wrench
- Ratchet with Star bit
- 10 mm Socket
- Allen Wrench
- Phillips Screwdriver
- Impact drill (optional)

Step 1: Before installing your doors. Remove the handle bars and safety net. In order to take the 2 bolts on the back of the handlebars off, you will have to remove the seat.

Step 2: Using the 10 mm ratchet, remove the two bolts on the handlebars. (Hang on to the bolts, you will use these to mount the door jam later in Step 7)

Step 3: Using the star bit and ratchet, unbolt the top section of the handle.

Step 4: Grab the driver door jam out of the box, as well as bag #36 for the hardware to mount the jam. You will also going to open up the bottom of bag #16 that has all the Bolts, flat washers, and nuts.

Step 5: Using the 2-inch bolt, insert it through the top hole off the Jam and screw into the pre-tapped hole that's in the frame that was originally used to hold the net on. Get it started but do not tight. Let the door jam hang.

Step 6: Grab the side mounting plate, this will hug the rear rollbar and bolt through the 2 holes in the jam, securing with a lock nut.

Step 7: You will take The black, metal Z strap and the two bolts you took out of the handlebar, and Re-insert them back into the same bolt location. Take a 5/8 bolt to the outside of the jam and into the hole of the Z strap. Secure with a flat washer, lock washer, and a nut. Next, Take the 10mm ratchet and tighten everything down. Using a small jam nut, secure the 2inch bolt on the top of the jam.

Step 8: Next attach the striker assembly using the striker mounting plate, and the metal piece with welded nuts. You will mount the striker plate with the 90-degree bend facing inward toward the machine. (The slots should be slotted left to right) Take the welded nut piece and slide it into the frame. Using the Allen head bolts, attach the striker plate into the welded nuts. (This allows up, down, forward, and reverse play to ensure that we latch properly)

Step 9: Attach the striker bolt. Using the 11/16 inch and ¾ inch wrench to slightly snug up the striker bolt.

Step 10: Attach the hinges to the door jam. Using a 5/8 bolt, flat washer, and lock washer, attach the hinge to the jam with the female side on jam (Male side hinge on door). Allowing the hinge on the door to slide onto the hinge of the jam. (Same instruction for the bottom hinge on the jam)

Step 11: Attach the hinge to the door using 5/8 bolts, flat washers, and lock washers. This time, attach the hinges with the male end facing downward. (Hinges will have left to right adjustment, slide hinge to the edge of the door.)

Step 12: Take the doors and mount them to the jam.

Step 13: Mounting the handle to the door. Using the 3-standard small 10mm bolts, insert them into the gold threaded holes. You will also find a different smaller silver bolt that will go into the end of the latch on the punch mechanism. (This will extend the punch button when opening the door) Using the short bolt with the jam nut started (3 or 4 threads) screw into the hole of the punch mechanism. Attach the handle using the 10mm socket and tighten the 3 bolts.

-----Defender Max instructions

Step 14: Installation of the Rear Door. Just like on the front door. You will have to take the safety net and handle off the machine before door assembly. When taking the handle off the machine (Keeping the two bolts from the back side of the handle)

Step 15: Where the handle bar was secured. Attach the Z strap using the two bolts that were holding the handle bar. (Using the same holes)

Step 16: Next you are going to hang the door jam. Just like on the front doors. Insert the 2-inch bolt, with a flat washer, through the jam and into the pre drilled hole at the top. (It is okay to let it hang)

Step 17: Grab the side mounting plate, this will hug the rear rollbar and bolt through the 2 holes in the jam, securing with a flat washer and lock nut.

Step 18: Attach the hinges to the door jam. Using a 5/8 bolt, flat washer, and lock washer, attach the hinge to the jam with the male end facing up. Allowing the hinge on the door to slide onto the hinge of the jam. (Same instruction for the bottom hinge on the jam)

Step 19: Using bag #16. Using two flat washers, Attach the striker bolt to the long-slotted side on the bracket. Also, in the bag you're going to find an Allen bolt. The bracket is going to mount to the inside of the machine where there are pre-drilled holes.

Step 20. Once you've attached the hinges to the frame, and door, as well as the striker bolt with mounting plate. Hang the door onto the hinges. (Keep hinges loose to see where the door naturally sits)

Step 21: Adjust the striker bolt to fit in the middle of the paws on the rotary latch. (There might be some adjusting with the striker bolt so lightly snug when doing adjustments. (If the striker bolt needs to be adjusted more, it is okay to take the flat washer off behind the striker assembly. Allowing the striker bolt to move further to the outside of the machine)

Tighten everything down and you are finished! Keep in mind minor adjustment may need to be made.

