

Summary	Changing Predadoor NXT motor mount position				
Products Affected	Predadoor NXT				
Key Word Tags	Motor Swap, PD, Handing Change				
Tools/Equipment (If Required)	Forklift, Assorted Wrenches, Snap Ring Pliers, Grinder, Chisel, 3/16" Punch, Rivet Gun				
Parts/Materials (If Required)	RIVET, 3/16 DIA X 1/2 GRIP (amount will vary) R0556167,				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

INSTRUCTIONS:

1. Remove motor/drum assembly from crate and lay on a clean flat surface.
2. Remove the motor from the drum assembly. (See Figure 1.)

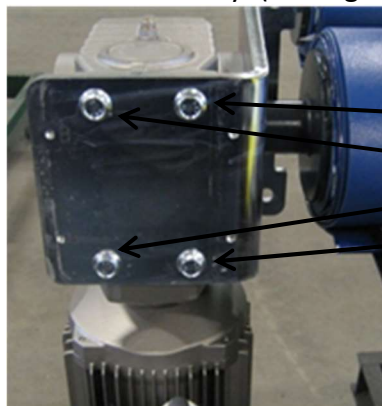


Figure 1

Remove These Four Bolts

3. Remove the encoder coupler and washer. (See Figure 2.)

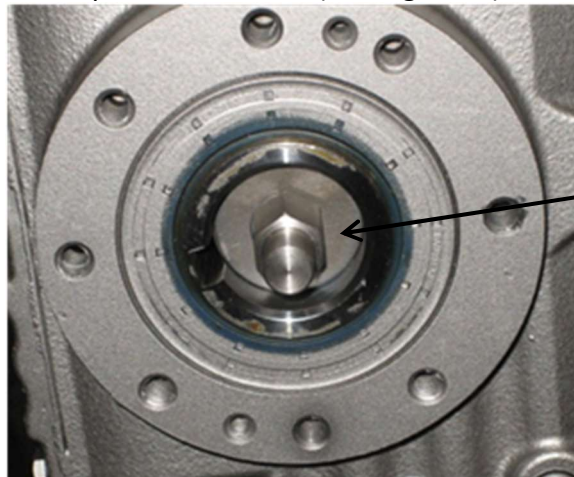
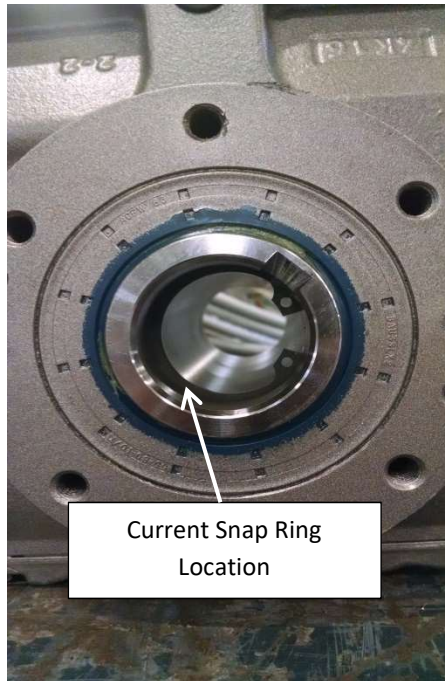


Figure 2

Remove Encoder
Coupler and Washer

4. Pull motor off drum shaft. **NOTE:** The drum shaft and motor has a key installed on the drum shaft. The motor may be difficult to remove. **DO NOT USE A HAMMER OR POUND ON THE MOTOR TO REMOVE, DAMAGE MAY OCCUR TO MOTOR.**
5. Move the Snap Ring inside the motor to the opposite side grooves. (See Figure 3 & 4).

**Figure 3****Figure 4**

6. Completely unroll the panel from the drum roll.
7. Remove the panel material from the drum. Grind or chisel rivets off.
8. Flip drum 180 degrees, left to right or right to left.
9. Re-attach the panel using the stainless steel rivets supplied with the new antenna bracket.
10. Roll the material back onto the drum.
11. Place motor bracket onto the new mounting side of the motor.
12. Install the motor onto the shaft. Replace the washer and encoder coupler to hold motor onto shaft.
13. Bolt the motor bracket to the motor mounting bracket. Four bolts shown in figure 1.
14. Remove the Ry-Wi cover from the bottom bar. (See Figure 5.)



Figure 5

15. Flip the Ry-Wi over and remove the blue wires from the air switch, and the red and black wires from the white wires on the Ry-Wi. (See Figure 6)

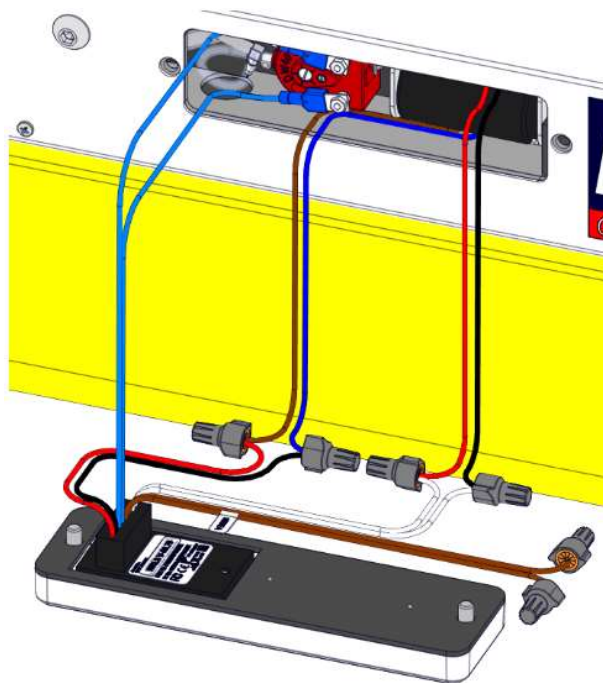


Figure 6

16. Remove the battery from the battery holder. You should now have the Ry-Wi with the battery attached in your hand.
17. Remove the 2 screws that hold the battery holder in place. Remove the battery holder with the 2 screws.
18. Remove the junction box cover on the other side of the bottom bar.
19. Install the battery holder into the holes on the black plastic next to the air pressure switch.
20. Connect the two white wires to the air switch
21. Connect the red and black wires to the two blue wires **NOTE: The wires are connected backwards from the original position. The black and red wires will now carry the breakaway signal.**

22. Install the Ry-Wi cover. **NOTE: You should be able to read the decal. If the decal is upside down the Ry-Wi is installed incorrectly.**
23. Use slide connectors to mount the red and black wires to the air pressure switch.
24. Reference the Predadoor NXT installation manual to continue with further installation.
25. When finished installing the door follow the guidelines in the installation manual for testing and setting the air pressure switches.

Please contact Ryttec Customer Support at 1-800-628-1909 with any questions.