

Summary	Retro-fit wireless to coil cord.				
Products Affected	Predadoor NXT, Clean Roll, and Fast Seal				
Key Word Tags	PD, CR, FS, Retro, Wireless				
Tools/Equipment (If Required)	Drill, Cut Off Wheel or Die Grinder, Screw Driver, Wire Stripper,				
Parts/Materials (If Required)	KIT, PD COIL CORD RETRO, 24 R1060300-0A KIT, PD COIL CORD RETRO, 36 R1060300-0B KIT, PD COIL CORD RETRO, 48 R1060300-0C				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

To retro-fit from the wireless reversing edge to the coil cord reversing edge the following steps must be followed. To enter the parameters please reference the System 3 Drive & Control manual. NOTE: Retro-fitting the Predadoor NXT to coil cord from wireless affects the ajar repair process. Since the bottom bar now has a coil cord the coil cord could become caught on the flange near the top of the side column. The Predadoor NXT will need to be reset like a standard Predadoor simply lift one end of the bottom bar up and place the door into the side columns and repeat the same process on the other side.

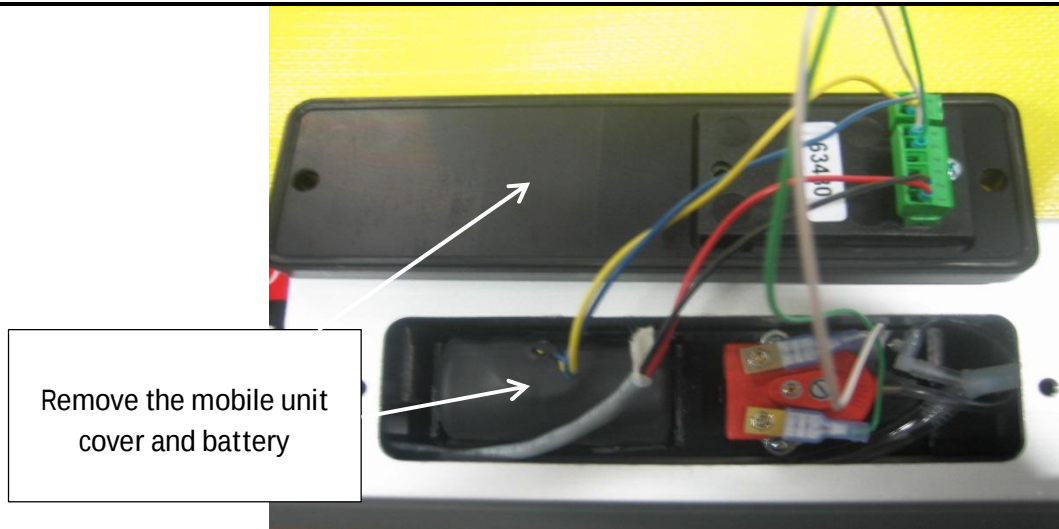
Refer to the System 3 or System 4 owner's manual for accessing and adjusting parameters.

1. Parameter P:F02 needs to be changed to 0.
2. Parameter P:46B needs to be changed to 0.
3. Parameter P:465 needs to be changed to 0.
4. Parameter P:F00 needs to be changed to 0.

WARNING

The disconnect must be in the OFF position and properly locked and tagged before performing the rest of this procedure.

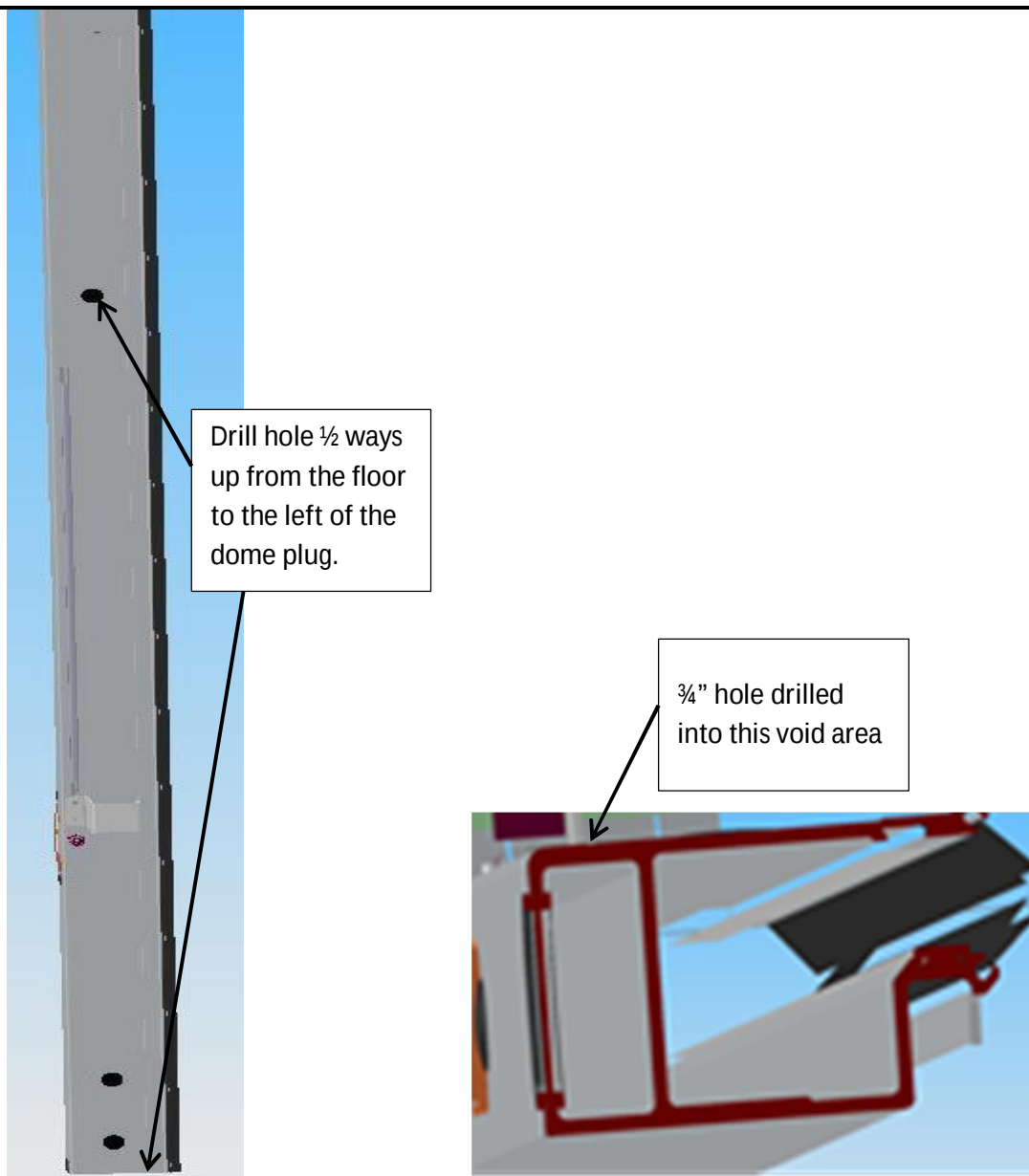
5. Turn off power to the control panel. Proper lock out; tag out procedures should be followed.
6. Remove the wire in terminal SI 2 cut short and place a wire nut on the end to prevent electrical shorting (for system 4 controllers remove the wire from 272, 273, & 274).
7. Remove the wire in terminal 6 cut short and place a wire nut on the end to prevent electrical shorting (for system 4 controllers remove the wire from 271).
8. The mobile unit on the bottom bar will need to be removed.



9. The battery inside the bottom bar will also be removed.
10. The new cover plate with the coil cord will need to be installed.
11. Connect the red and black wires from the coil cord to the black and red wires from the gray cable in the bottom bar. That cable is connected to the reversing edge air pressure switch. This is the air pressure switch with the 8.2K ohm resistor. DO NOT REMOVE THE RESISTOR
12. The green and white wires connect to the air pressure switch that is located under the mobile unit. This is the breakaway switch.

On PREDADOOR MODELS:

13. The other end of the coil cord attaches to the side column $\frac{1}{2}$ ways up.
14. An access hole will need to be cut into the outside edge of the side column to gain access to the plastic nut which will attach the coil cord to the side column. The hole to be 5 inches long by $1\frac{1}{2}$ " wide. This hole will be covered up with the aluminum plate shipped with the kit and held on by 2 self-tapping screws.
15. A $\frac{3}{4}$ " hole will need to be drilled into the side column. Drill the hole to the left of the black plastic dome plug in the side column. The placement of the hole is critical. Hole to be next to the access hole cut in the previous steps. Below is a picture of the side column showing the black plastic dome plug at the mid-point of the side column. Also below is a picture of the extrusion from the end. Note: the vane inside the side column, drill the $\frac{3}{4}$ " hole to the left of the vane. See below.

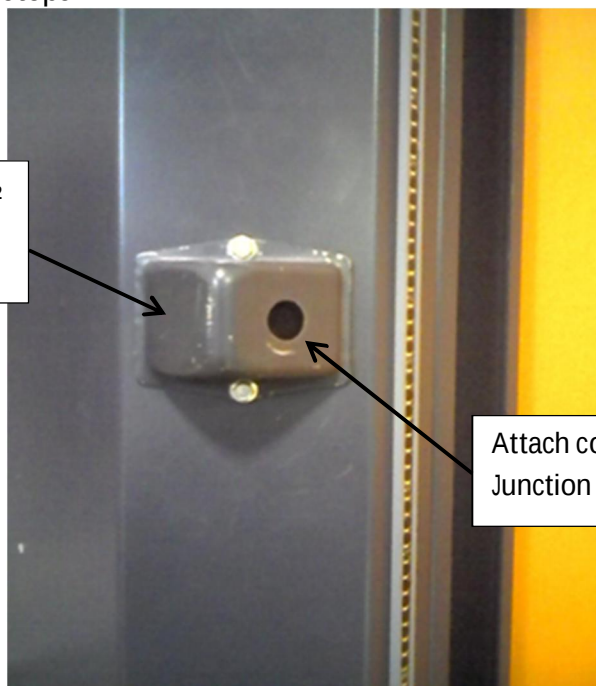


16. Insert the cord grip and attach the plastic nut to the back side to hold the coil cord in position. Do not over tighten; keep the coil cord loose to allow movement of the coil cord during travel.
17. Use a 4 conductor cable to carry the reversing edge and breakaway signals back to the control panel. The reversing wires will terminate at terminals SI 1 & SI 2 (for system 4 controllers connect in 272 & 277).
18. The breakaway wires terminate in terminals 5 & 6 (for system 4 controllers connect in 270 & 271).
19. Apply power to the control panel and test the door for proper operation and confirm the reversing edge and breakaway functions.

On FAST SEAL models:

You will also need to drill a ½" hole half way up the side column on the hinged cover and attach the small Junction box (R0204046 NOT INCLUDED IN THE KIT) for the other end of the coil cord to attach to. Use the 4 conductor wire and route it through the conduit in the side column back to the controller. Then proceed with previous steps 14-17.

Mount Junction box ½
ways up the hinged
side column cover.



Attach coil cord here to
Junction Box R0204046

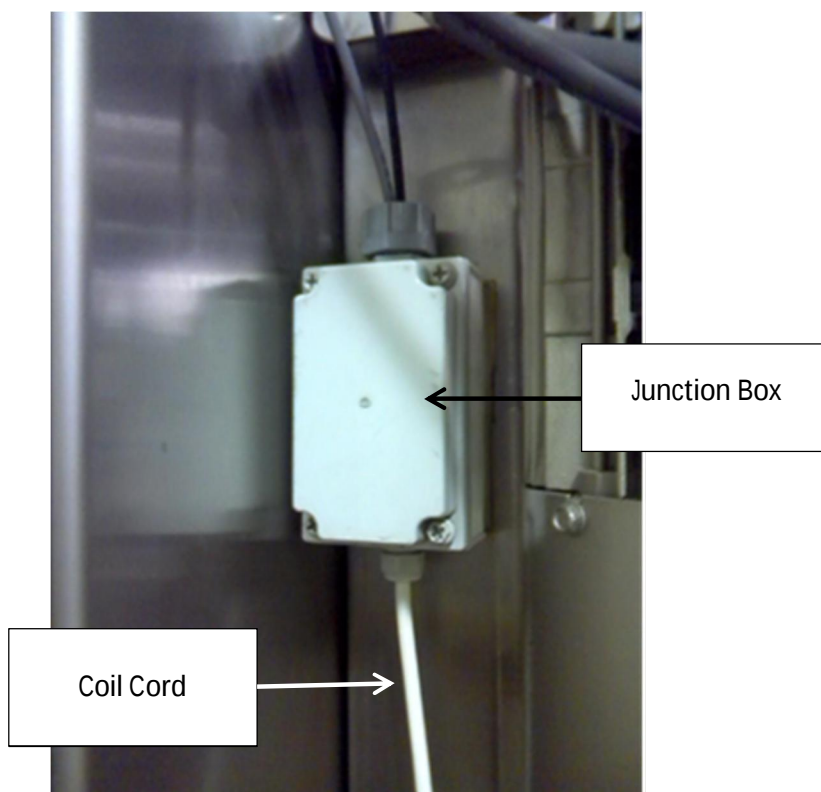
ON CLEAN ROLL MODELS:

Due to the wash down nature of the clean roll, the parts required are different. The below list is for USDA/Wash Down environments.

Parts required:

R0014754 COIL CORD, 36" 4WIRE, WHITE,CR (1EA)
P1060061-OZ04 COVER, BOTTOM BAR, 304STAINLESS STEEL (1EA)
R0014743 FITTING, STRAIN REL, LIQ TIGHT, W/FLEX NUT (1 EA)
RS021063 HHCS,#8-32 X ¾ SS (2EA)
R0014495 CABLE CONNECTOR, 3/8 NPT GRAY (2EA)
R0014494 SEAL, THREAD, 3/8 NPT (2EA)
R0014498 NUT, CORD GRIP, 3/8 NPT (2EA)
R1600230-0 GASKET, VIBRATION SWITCH ASSEMBLY (1EA)
R0012010 TERMINAL, 16-14AWG FEMALE SPADE (2EA)
R0014279 WIRE NUT, GRAY, SIZE 71B (2EA)
R00141094 CABLE 4 CONDUCTOR (540")
R0204047 GASKET JUNCTION BOX (1EA)
R0218013 JUNCTION BOX BOTTOM ABR (1EA)
R0550016 HFSMS, ¼-20 X 3/4, GR5.2 ZN (2EA)
R0553103 NUT, ¼-20, HEX, FLNG, LOCK, ZN (2EA)

You will need to locate the white junction box near the motor assembly and attach the other end of the coil cord through the bottom of the box, a ½" hole may need to be drilled. Then proceed with previous steps 14-17.



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