

Summary	Adding Rectifier and 12 conductor cable to RUS motor				
Products Affected	3HP Spiral Doors				
Key Word Tags					
Tools/Equipment (If Required)					
Parts/Materials (If Required)	CABLE,12X0,34QMM,SPIRAL JBOX R00141038 50'				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

WARNING

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

1. Add rectifier to motor head junction using unused screws. (See Figure 1).

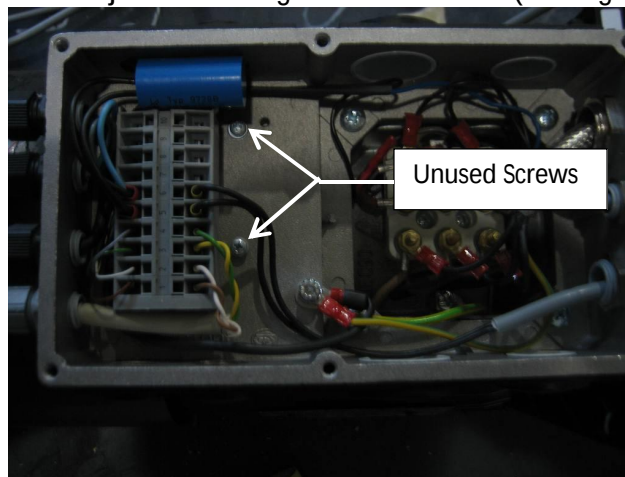


Figure 1

2. Remove the existing encoder cable. (See Figure 2).

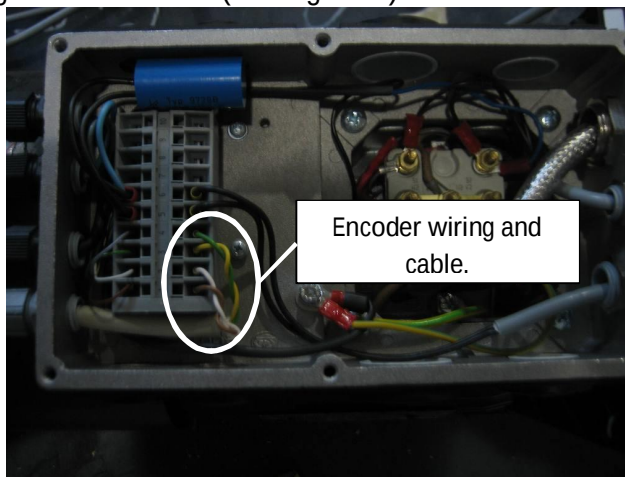


Figure 2

3. Remove 2 conductor brake wire cable (Black and Black) with yellow ferrule tips and reinstall in small cord grip where the encoder cable was. (See Figure 3).

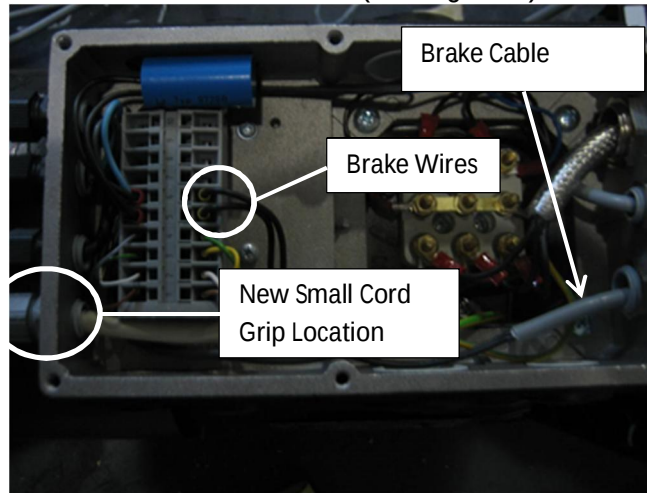


Figure 3

4. Add 50' of 12 conductor (R00141038) in medium cord grip replacing 2 conduit brake wire. (See Figure 4).

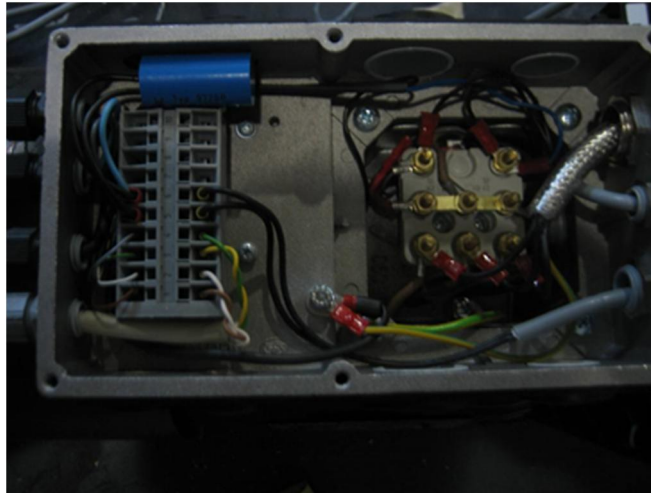


Figure 4

5. Land wires as seen in Figure 5 on low voltage strip, ground shielding to grounding screw. Use heat shrink or electrical tape to insulate excess shielding, so the shielding will not touch the high voltage. Note: Terminal 1 is at the lower portion of the picture and terminal 10 is at the top. (See Figure 5).

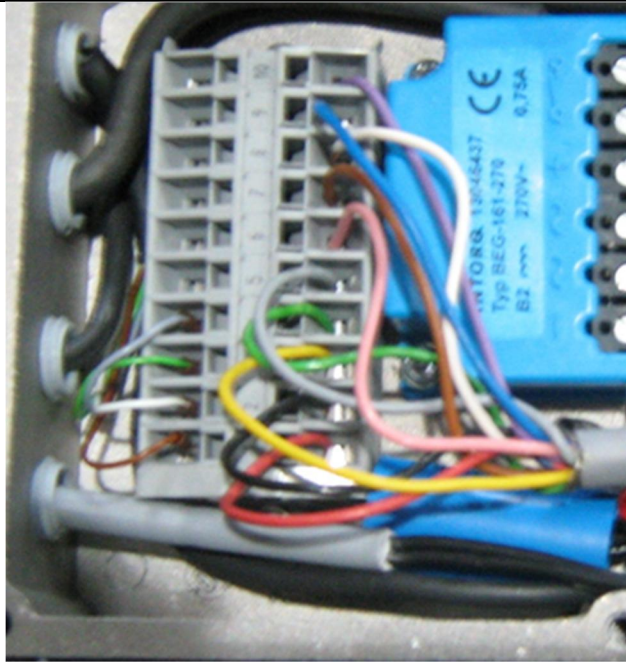


Figure 5

6. Land brake wires on rectifier as shown in Figure 6 and Figure 7. You will be required to pull the slack for the motor brake wires into the junction box and route it around the terminal blocks to allow the wires to reach the brake rectifier. Brake rectifier will not have the jumper from the last two terminals. (See Figures 6 & 7).

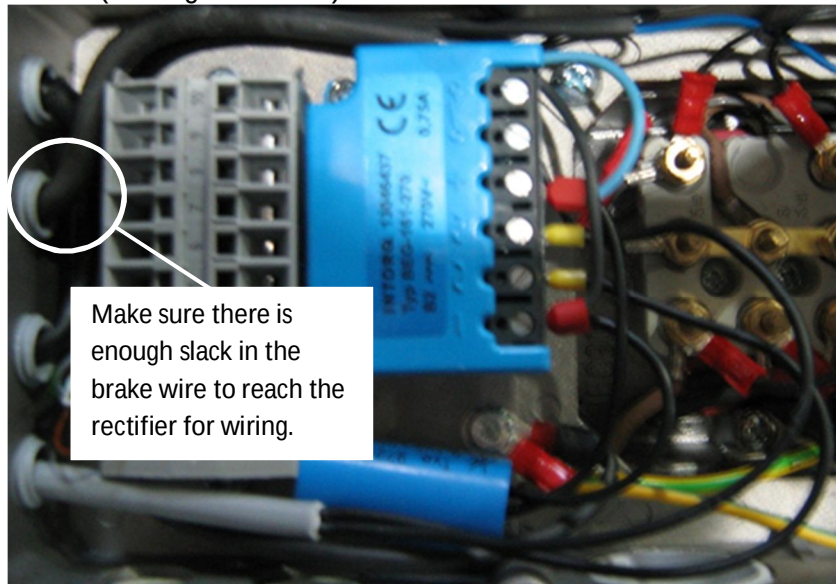


Figure 6

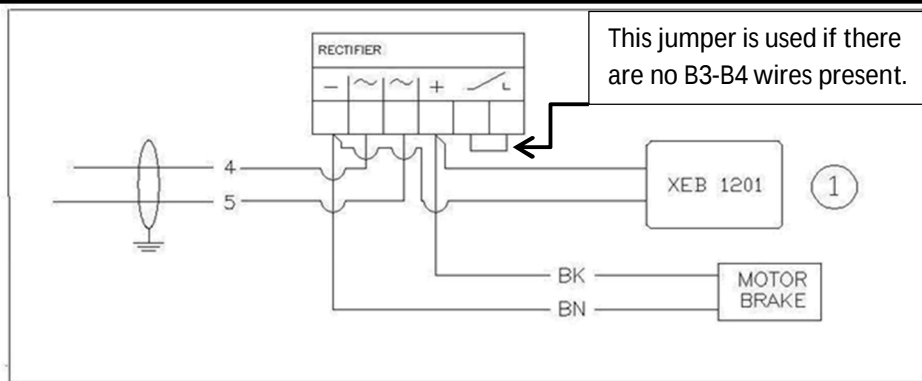


Figure 7

7. This is what the finished product is supposed to look like, you will have to slot the fan cover to accommodate for the motor/brake wires. When you try to put the fan cover back on you will realize what is being referenced to. (See Figure 8).

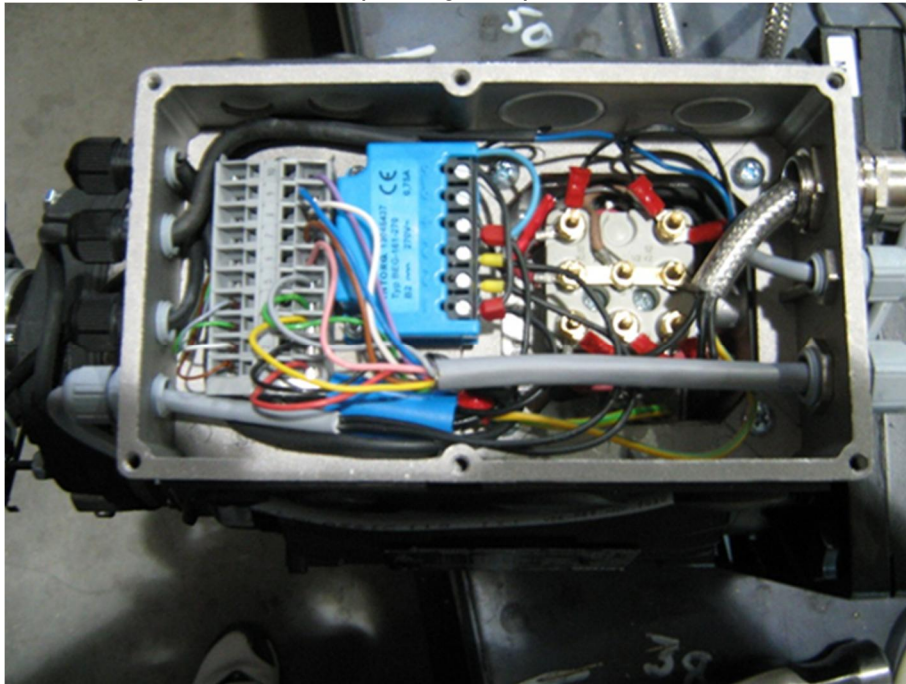


Figure 8

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.