

# FILM-TECH

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# NEUMADE PRODUCTS CORP.

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NEUMADE INDUSTRIES, INC.

## ASSEMBLY AND OPERATION INSTRUCTIONS FOR

### FRONT LOADING PRT-ULTRA REWIND TABLE

1. Assemble right & left leg units to table top & attach back angle brace to legs with #10-32 x 5/8" lg. rd. head bolts, nuts & lockwashers.
2. Mount drive end rewinds standards with flat washers, 1/4"-20 x 1-3/4" lg. hex head cap screws, nuts & lockwashers. Line up pulleys on motor & drive end. Adjust belt tension by raising 3/4" dia. standards.
3. Mount belt guard over back of drive end assembly per assembly illustration. Make sure moving parts operate freely. Mark table top in accordance with holes in belt guard base. Drill 4 #32 dia. holes & secure with 4 #8-3/4" lg. self tapping screws.
4. Mount brake end rewind standards with flat washers, 4 1/4"-20 x 1-3/4" long hex head cap screws, nuts & lockwashers.
5. Mount pre-assembled automatic shut off switch to right hand table sill in pre-drilled holes with 2 #6-32 x 1 1/4" lg. rd. head machine screws, nuts & lockwashers. After assembly, make sure reset button on switch works freely.
6. Wire auto. shut-off switch into utility box under table per wiring diagram.
7. Wire pre-assembled motor speed control to matching wires in switch box located in the front sill of table. After wiring, secure speed control cover plate to switch box.
8. Assemble foot brake assembly to brake end per assembly illustration. Thread thumb screw & locknut into teenut mounted under table top lip. String cable down thru hole in brake shoe assembly and thumb screw. Slip cable shield over cable with metal tip towards thumb screw. String cable end thru top of foot brake housing & insert cable end thru hole in cable screw on foot treadle. Adjust tension on cable & securely tighten cable screw.
9. To obtain a constant pressure on the brake, turn tension adjusting thumb screw in or out depending on tension desired.
10. With foot brake apply pressure to foot treadle to increase brake tension & release pressure to decrease brake tension. Various brake tension settings may be obtained by adjusting the tension adjusting thumb screw.

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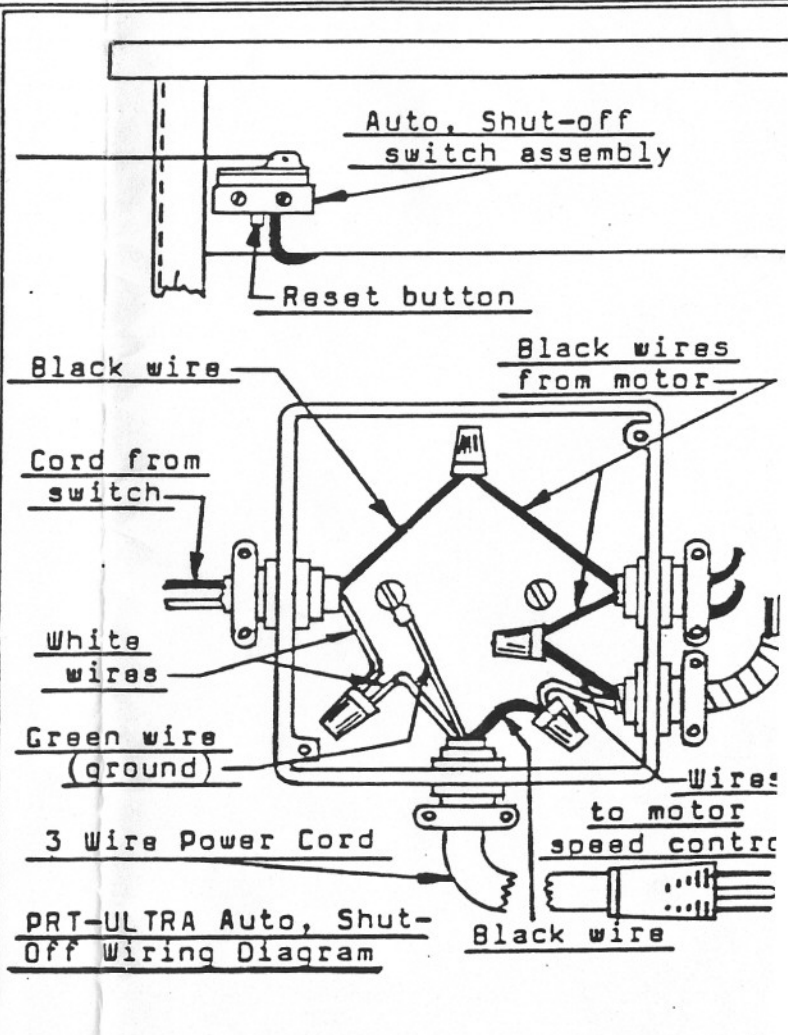
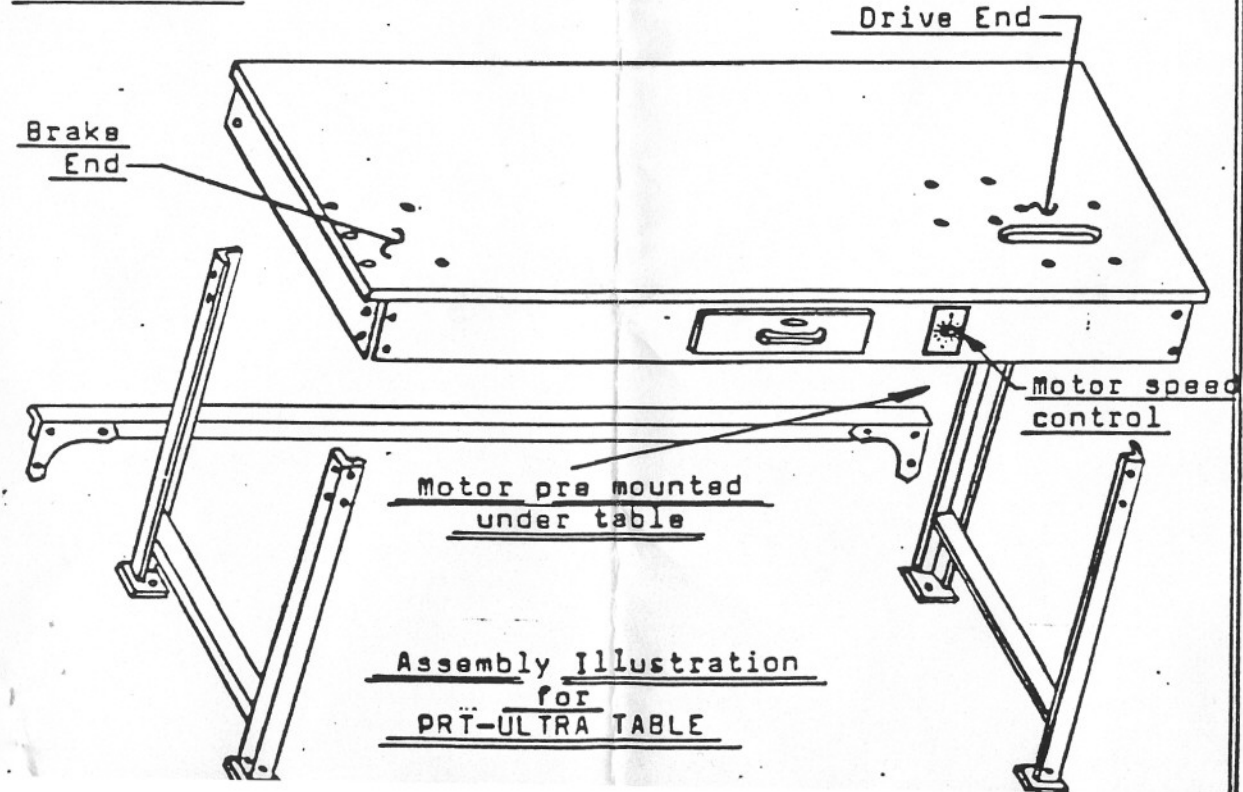
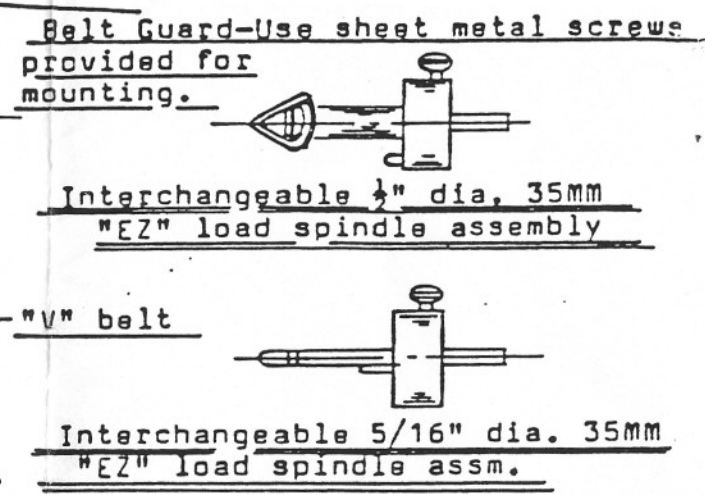
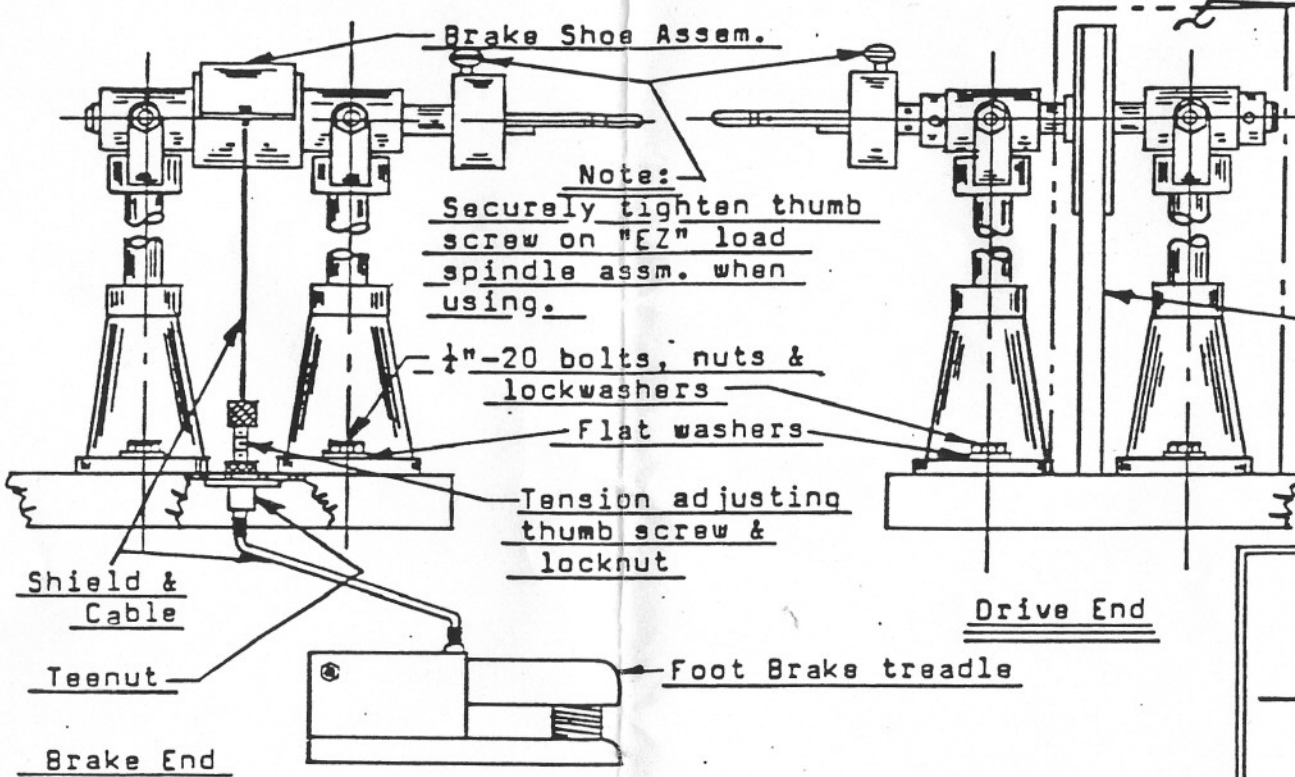
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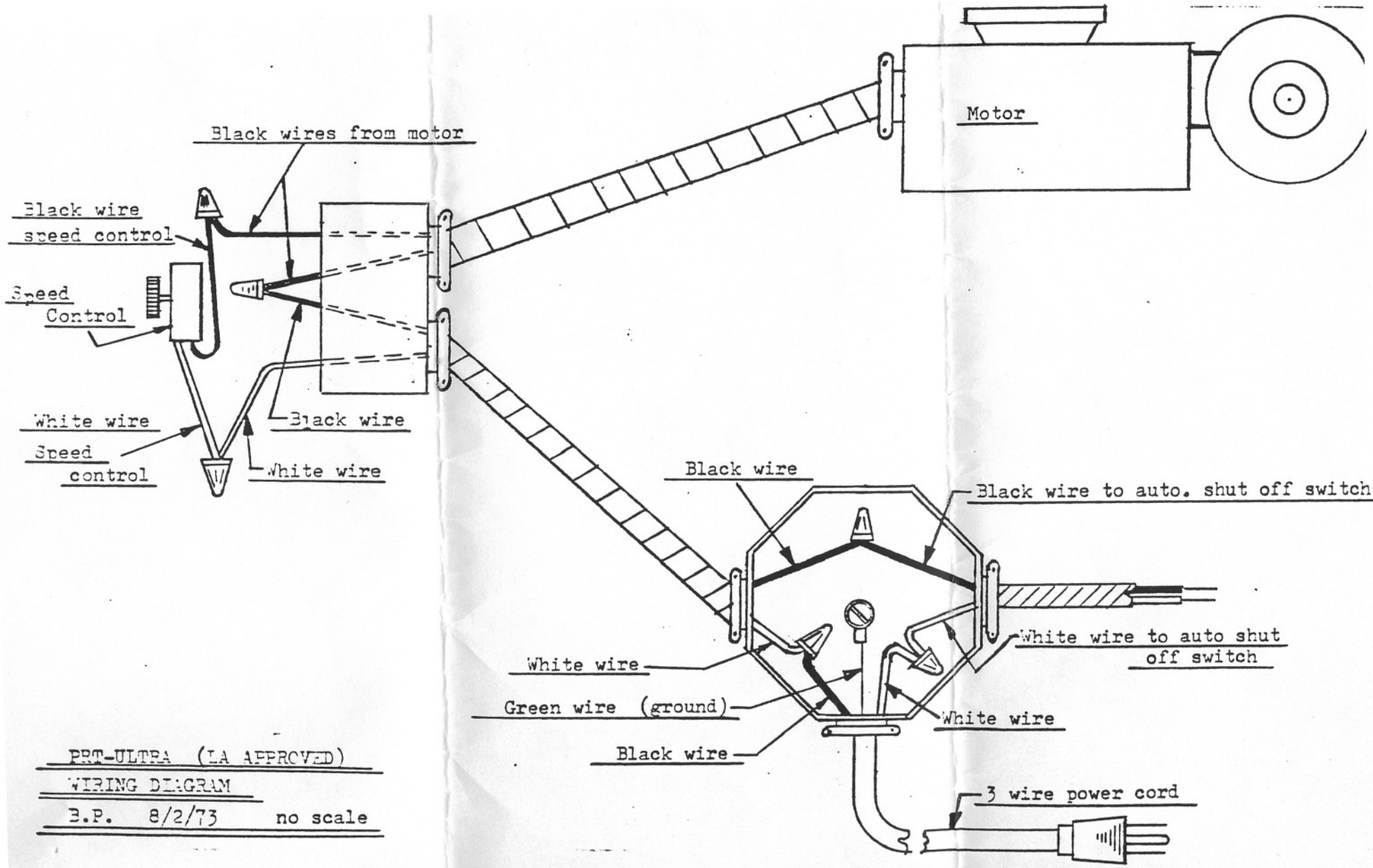
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11. The "EZ" load spindle assemblies are interchangeable between both drive & brake ends. Make sure drive pins are engaged & thumb screws securely tightened on spindle assemblies before rewinding.
12. The proper operation of your PRT-Ultra power rewind table will prevent damage to the table if following procedures are followed:
  - (A) Make sure the motor speed control is in the "OFF" position before resetting the auto. shut-off switch to re-activate unit.
  - (B) When starting rewind cycle, turn motor speed control to low position and gradually increase the speed.
  - (C) Failure to turn motor speed control to the "OFF" position before resetting the auto. shut-off switch and gradually increasing re-winding speed from the low position may cause the keys and/or shafts to break due to the sudden application of full power.
  - (D) Operator to set indicating dial on motor speed control to obtain operating efficiency of rewind motor.
  - (E) To prevent damage to motor speed control, it must be in the "OFF" position when not in use.
13. The graduations on the speed control are for general reference & do not indicate speed increase between graduation. There may be a pulsating effect on the motor at lower speeds. This is normal & is overcome by increasing the motor speed. The motor speed will vary depending on variation of motors & line voltage.
14. Automatic shut-off will shut off rewind motor when cycle is completed or if film should break during rewinding.
15. Motor has oilers on the output shaft bearing hubs. For normal duty, re-lubricate every six months. Grease in reducer is sufficient for 5 year period under normal use. To re-lubricate, remove gear housing & shield supporting drive shaft, clean out old lubricant & refill to  $\frac{3}{4}$  cap. with Hbdson #2-1000 No Melt grease or equiv.

If your table is not equipped with the Automatic Shut-off or foot brake, contact your local Theatre dealer. These units may be purchased separately.





PRT-ULTRA (LA APPROVED)

WIRING DIAGRAM

B.P. 8/2/73 no scale