

RSX

BRAKE ASSEMBLY **INSTALLATION INSTRUCTIONS** SERVICE NUMBER: 111396.0004 & .0005

For HOIST units that did not come factory equipped with a brake

⚠ WARNING

BE SURE ELECTRICAL POWER HAS BEEN DISCONNECTED FROM THE INPUT POWER LINES PRIOR TO REMOVING THE ELECTRICAL BOX COVER. AN APPROPRIATE LOCKOUT/TAGOUT PROCEDURE IS RECOMMENDED

CAUTION:

THIS PROCEDURE MUST BE PERFORMED WITH THE DOOR IN THE CLOSED POSITION ONLY. DOOR MAY FREE FALL WHEN BELT IS REMOVED.

1. REMOVE POWER FROM UNIT. USE PROPER LOCKOUT/TAGOUT PROCEDURES (REFERENCE OSHA STANDARD 1910.147)
2. RELEASE OPERATOR FROM DOOR AND ROLL BELT OFF OF MAIN DRIVE PULLEY. FIG. 1.
3. LOOSEN (2) SET SCREWS ON MOTOR PULLEY AND REMOVE PULLEY.
4. CLEAN MOTOR SHAFT AND INSPECT FOR EXCESSIVE WEAR. APPLY A LIGHT COATING OF SUPPLIED GREASE TO MOTOR SHAFT WHERE BRAKE ASSEMBLY RIDES. FIG.2.

NOTE:

THIS IS A FREE FLOATING DISC BRAKE SYSTEM. NOTICE THE O-RINGS AND ALIGNMENT SPACER SLEEVES ON MOTOR STUDS. FIG'S 4 & 5. THESE MUST BE IN PLACE WHEN INSTALLING THE NEW BRAKE ASSEMBLY. MAKE CERTAIN THAT THE O-RINGS DO NOT GET PINCHED BETWEEN THE SPACER SLEEVE AND NUT.

5. INSTALL BRAKE ASSEMBLY USING NEW HARDWARE.
6. INSTALL BRAKE ASSEMBLY AND ROTATE INTO POSITION AS SHOWN IN FIG. 3.
7. SLIDE THE 4 SLEEVES ONTO MOTOR STUDS.
8. SLIDE BRAKE ASSEMBLY ONTO BRAKE STUDS OVER THE SLEEVES AS SHOWN IN FIG. 4.
9. INSTALL THE 4 "O"-RINGS AS SHOWN IN FIG. 5.
10. INSTALL THE 4 NYLOC NUTS ONTO STUDS. BRAKE ASSEMBLY SHOULD BE POSITIONED AS SHOWN IN FIG. 6. SEE NOTE ABOVE.
11. DISCONNECT BRAKE RELAY HARNESS AND DISCARD. FIG. 7. (SINGLE PHASE ONLY)
12. INSTALL BUSHING INTO ELECTRIC BOX HARNESS HOLE. FIG. 7.
13. PLUG BRAKE HARNESS ONTO BRAKE TERMINALS AND ROUTE HARNESS INTO ELECTRIC BOX AND PLUG INTO BRAKE HARNESS TERMINALS ON MAIN CIRCUIT BOARD.
14. INSTALL HOIST LINK ARM INTO SLOT ON BRAKE ASSEMBLY FIG. 8.
15. INSTALL HOIST RELEASE BRACKET TO SIDE OF OPERATOR CHASSIS WITH SUPPLIED SELF TAPPING SCREW MAKING SURE TO INSERT THE FORK PORTION INTO PLASTIC RELEASE ARM. FIG.8.
16. INSERT RELEASE ARM INTO SLOT ON BRAKE ASSEMBLY AND TURN 90 DEGREES.
17. CONNECT RELEASE BRACKET AND HOIST LINK ARM TOGETHER WITH SUPPLIED CLEVIS PIN AND HAIR PIN FIG. 8.
18. REINSTALL PULLEY, SETSCREWS.
19. PUSH IN ON HOIST RELEASE TO RELEASE BRAKE AND ROLL BELT FROM SMALL PULLEY TO LARGER PULLEY.
20. RETURN INPUT POWER TO OPERATOR.
21. RESET LIMITS PER THE SETUP INSTRUCTIONS IN THE OWNERS MANUAL.

FIG. 1.

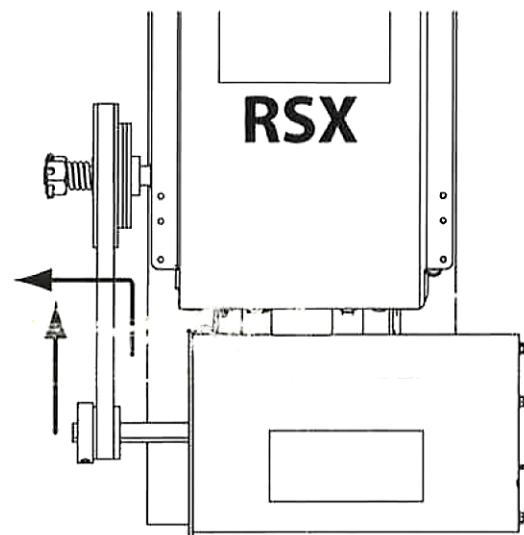
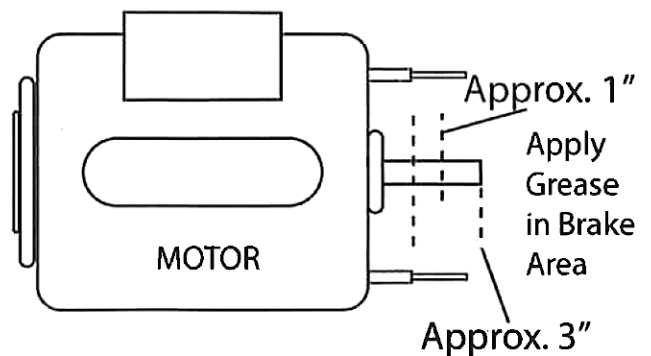


FIG. 2.



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FIG. 3.

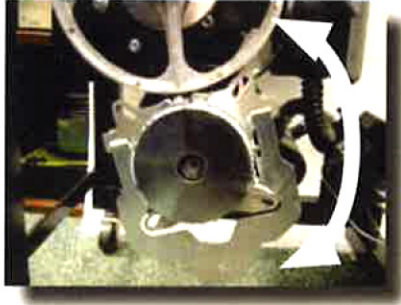


FIG. 4.



FIG. 5.



FIG. 6.

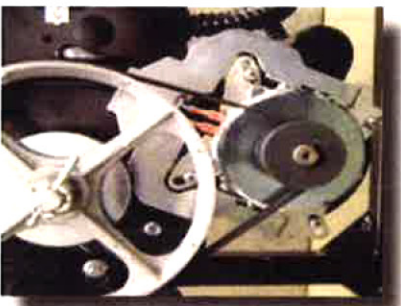
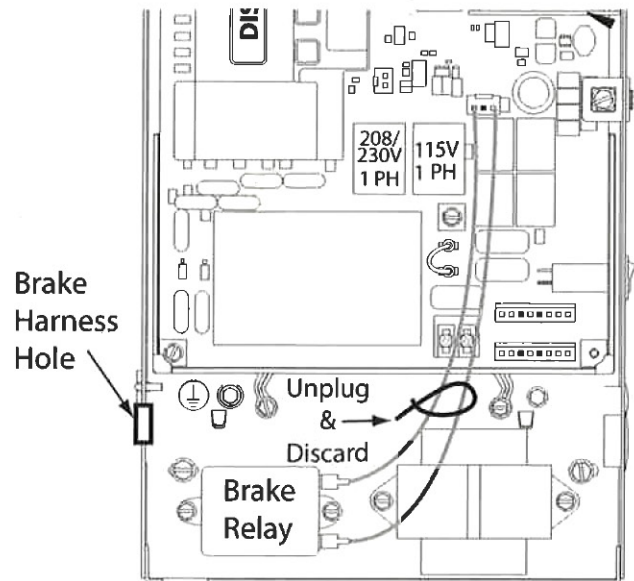


FIG. 7.



Brake Relay only used on 1 Phase

FIG. 8.

