

Instructions to Move Electrical Box to Left Hand Side of Vibration Motor 312388

READ AND STUDY COMPLETE INSTRUCTIONS PRIOR TO DISASSEMBLY.

NOTE: IMPROPER OR ROUGH HANDLING OF THE INTERNAL COMPONENTS OF A ELECTRIC MOTOR CAN RESULT IN DAMAGE RENDERING THE MOTOR INOPERABLE. IT IS ADVISED THAT A PROFESSIONAL MOTOR TECHNICIAN PERFORM THE BELOW CONVERSION.

Figure 1 shows the Vibrator motor and brake assembly with the electrical junction box on the Right Hand side of the L.H. Vibrator motor. The following step by step instructions will enable you to move the electrical box to the Left hand side of the L.H. Vibrator motor.

This procedure will help to eliminate the damage that could occur to the Left Hand Vibrator motor electrical box during mold changes.

Figure 1 shows the electrical junction box on the right hand side of the motor.

1. Remove electrical junction box cover. (See Figure 2.)
2. Remove the C-face bell housing and loosen the circular plate from end of motor- if facing the junction box, it's on the right hand side. Secure circular plate to bell housing with masking tape to maintain hole alignment (See Figure 3.)
3. Remove bolts from brake assembly unit and pry off slightly. (See Figure 4.) Cut brake wire ties.
4. Carefully remove brake assembly and rotor unit. Avoid rough contact between the rotor and stator. (See Figure 5) **Suggestion:** use masking tape to secure circular plate to

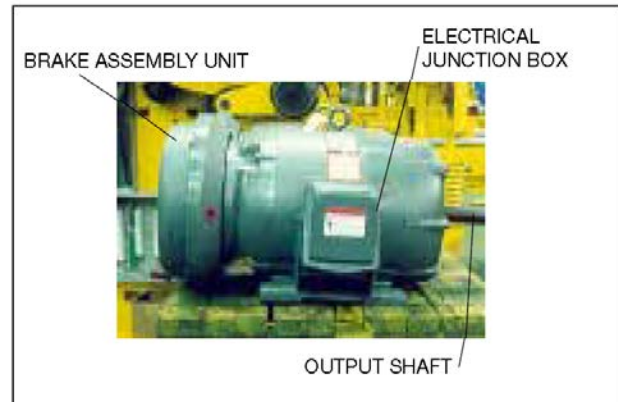


Fig. 1



Fig. 2



Fig. 3

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the brake assembly.

5. Carefully reinsert brake assembly and rotor unit to opposite end of motor.
6. Reroute wires through the electrical junction box. (See Figure 6)
7. Reattach the C-face bell housing on the end opposite the brake. (See Figure 7.) Tighten bolts.

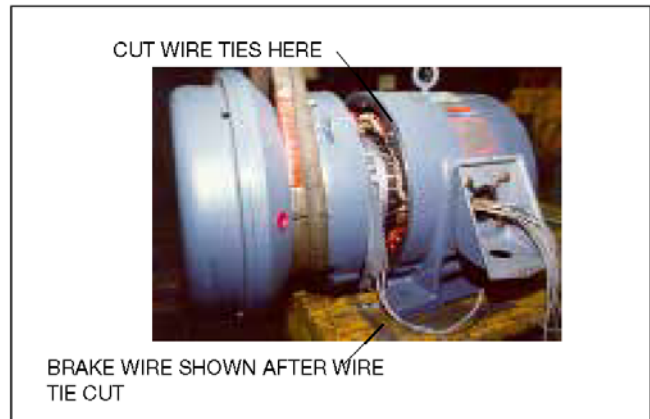


Fig. 4

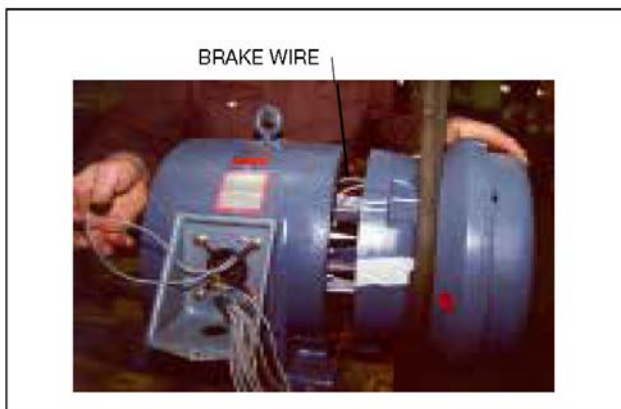


Fig. 5



Fig. 6



Fig. 7

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SAFETY BULLETIN

This notice is issued to advise you that some previously accepted shop practices may not be keeping up with changing Federal and State Safety and Health Standards. Your current shop practices may not emphasize the need for proper precautions to insure safe operation and use of machines, tools, automatic loaders and allied equipment and/or warn against the use of certain solvents or other cleaning substances that are now considered unsafe or prohibited by law. Since many shop practices may not reflect current safety practice and procedures, particularly with regard to the safe operation of equipment, it is important that you review your practices to ensure compliance with Federal and State Safety and Health Standards.

IMPORTANT

The operation of any machine or power-operated device can be extremely hazardous unless proper safety precautions are strictly observed. Observe the following safety precautions:

ALWAYS:

- ✓ Be sure proper guarding is in place for all pinch, catch, shear, crush, and nip points.
- ✓ Be sure that all personnel are clear of the equipment before starting it.
- ✓ Be sure the equipment is properly grounded.
- ✓ Turn the main electrical panel off and lock it out in accordance with published lockout/tagout procedures prior to making adjustments, repairs, and maintenance.
- ✓ Wear appropriate protective equipment such as safety glasses, safety shoes, hearing protection, and hard hats.
- ✓ Keep chemical and flammable material away from electrical or operating equipment.
- ✓ Maintain a safe work area that is free from slipping and tripping hazards.
- ✓ Be sure appropriate safety devices are used when providing maintenance and repairs to all equipment.

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NEVER:

- ✓ Exceed the rated capacity of a machine or tool.
- ✓ Modify machinery in any way without prior written approval of the Besser Engineering Department.
- ✓ Operate equipment unless proper maintenance has been regularly performed.
- ✓ Operate any equipment if unusual or excessive noise or vibration occurs.
- ✓ Operate any equipment while any part of the body is in the proximity of potentially hazardous areas.
- ✓ Use any toxic flammable substance as a solvent cleaner.
- ✓ Allow the operation or repair of equipment by untrained personnel.
- ✓ Climb or stand on equipment when it is in operation.

It is important that you review Federal and State Safety and Health Standards on a continual basis. All shop supervisors, maintenance personnel, machine operators, tool operators, and any other person involved in the setup, operation, maintenance, repair or adjustment of Besser-built equipment should read and understand this bulletin and Federal and State Safety and Health Standards on which this bulletin is based.