



INSTRUCTIONS FOR DISASSEMBLY, ASSEMBLY AND ADJUSTMENT OF THE ELECTRONIC BRAKE SUPPLIED WITH CURRENT ROCKWELL 14", 16" and 18" RADIAL SAW MOTORS

INTRODUCTION

The following instructions are supplied to assist you in removing, replacing and adjusting the electronic brake mechanism supplied as part of the motor assembly on current Rockwell 14", 16" and 18" Radial Saws.

TOOLS REQUIRED

Screwdriver 3/8" Nut Driver
1/2" Open End Wrench .010" Feeler Gauge
3/16" Allen Wrench
115 Volt Grounded Test Cord with Insulated Alligator
Clips

DISASSEMBLY

1. Make sure the motor is disconnected from the power source.

2. Remove the four screws, two of which are shown in (A) Fig. 1, and remove the cast iron cover (B) from the end of the motor.

3. Using a 3/8" Allen Wrench (C) Fig. 2, remove two socket screws (D) and washer which secures the fan/brake lining assembly (E) to the motor shaft.

4. Fig. 3, illustrates the screw (D), washer (E) and fan/brake lining assembly (E) removed from the motor shaft. Remove key (G) from motor shaft.

5. Remove four screws (H) and motor junction box cover (I) Fig. 3, from the motor junction box.

6. Disconnect the two black coil leads (K) Fig. 4, from rectifier (L). Loosen two 3/8" hex head screws, one of which is shown in (M) Fig. 4, which secures the motor junction box to the motor housing. The two screws (M) Fig. 3, should only be loosened enough to allow you to remove the black wire harness (N) Fig. 5, from between the motor junction box and the motor.

7. Remove the four 1/2" nuts (O) Fig. 5, and remove the brake coil assembly (P).

8. Fig. 6, illustrates the brake coil (P) removed from the motor shaft.

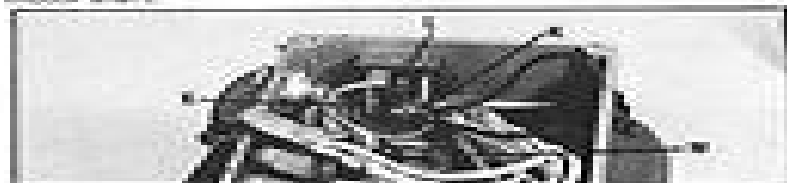


Fig. 4

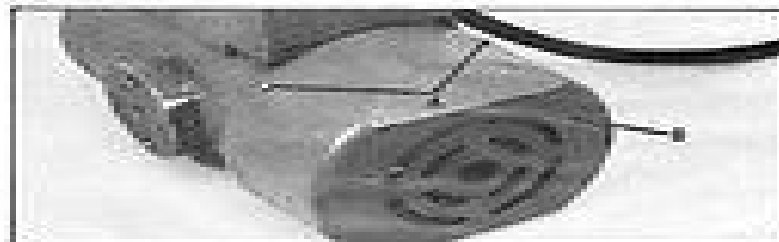


Fig. 1



Fig. 2

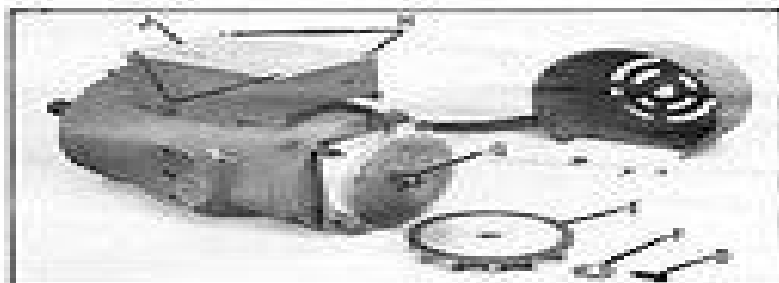


Fig. 3

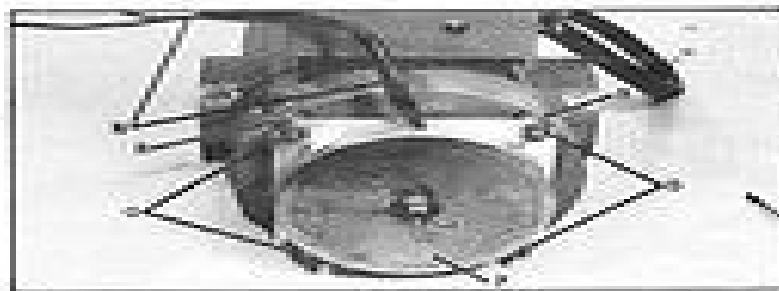


Fig. 5



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