

PORTABLE MOTOR EQUIPMENT FOR BASE METAL CONTACT MAINTENANCE PIECE-PART DATA AND REPLACEMENT PROCEDURES

1. GENERAL

1.01 This section covers the information necessary for ordering parts to be used in the maintenance of portable motor equipment for base metal contact maintenance (KS-5402 (list 1) 110 volt A.C. motor, KS-5402 (list 2) 110 volt D.C. motor, KS-6822 Arkansas grinding stone, KS-6851 flexible shaft, KS-6852 and KS-6910 handpieces, KS-6911 and KS-6912 collets, KS-6916 wire brush, No. 433A tool (motor floor stand and swivel yoke), No. 434A tool (motor ladder bracket) and No. 435A tool (vacuum head).

1.02 Part 2 of this section covers the piece part numbers with the corresponding names of the parts which it is practicable to replace in the field in the maintenance of the above apparatus. No attempt should be made to replace parts not designated. Part 2 also contains explanatory figures showing the different parts. This information is called "Piece Part Data".

2. PIECE PART DATA

2.01 The figures included in this part show the various parts in their proper relation to other parts of the apparatus and the numbers of the various parts together with their corresponding names.

2.02 Parts for the KS-5402 (list 2) 110 Volt D.C. motor are listed in Fig. 1. In addition to the parts listed in Fig. 1, brushes and springs, brush holders, brush holder screw caps and ball bearing assemblies may be ordered in the same manner as described herein for ordering parts for the KS-5402 (list 1) 110 volt A.C. motor. Information for ordering other parts for the D.C. motor will be given in a subsequent issue of this section.

2.03 The notes underneath the figures should be read carefully, as in some cases they contain information which is essential to correct ordering of parts.

2.04 When ordering parts by "P" number for replacement purposes, give both the number and the name of the piece part. For example: "P-236155 Brush". When ordering replacement parts for the motors, give the name of the part as shown in the figures in this section and also the complete nameplate data of the motor including the model, "KS" and list numbers. For example: "Grease plug for 110 volt A.C. motor model No. 5 KS 33 BA 25 per KS-5402 List 1". When ordering replacement parts for any of the coded tools listed in this section, in case the part has no "P" number give the name of the part as

indicated in the figure in this section showing the tool and the code number of the tool. For example: "No. 2482 G.E. Cap for the No. 435A tool". When ordering replacement parts for any of the "KS" tools listed in this section, give the name of the part as indicated in the figure in this section showing the tool, the "KS" number and the name of the tool. For example: "Split End Piece (Clevis) for KS-6851 Flexible Shaft". When ordering a new coded tool, order as the "(code number) Tool". For example: "No. 435A Tool". When ordering a new "KS" tool, give the "KS" number and the name of the tool as indicated in the title of the figure in this section showing the tool. For example: "KS-6852 Handpiece".

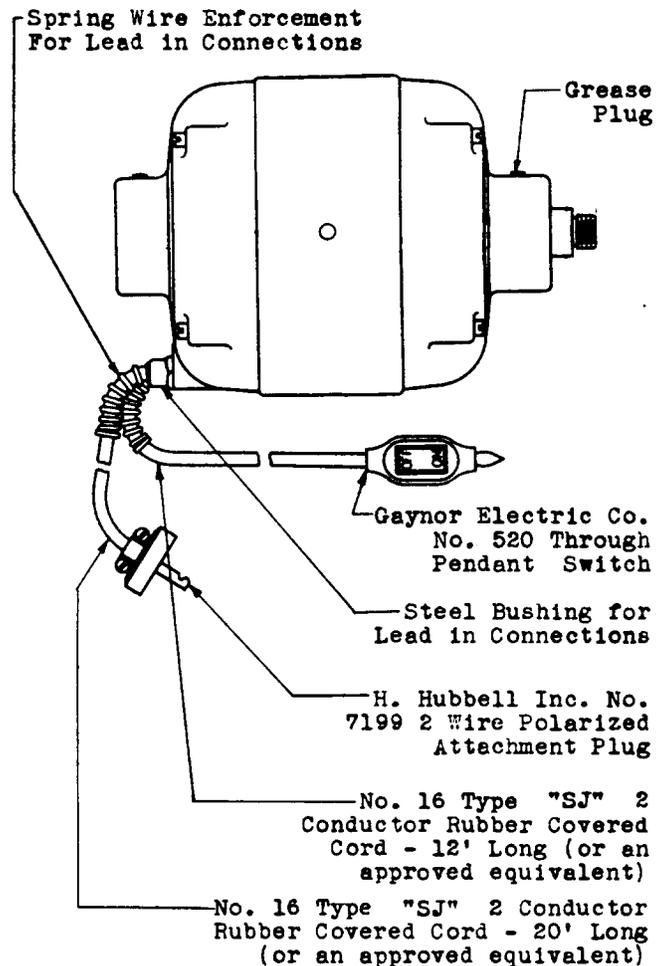


Fig. 1 - Parts for KS-5402 (List 1) 110 Volt A.C. and (List 2) 110 Volt D.C. Motors

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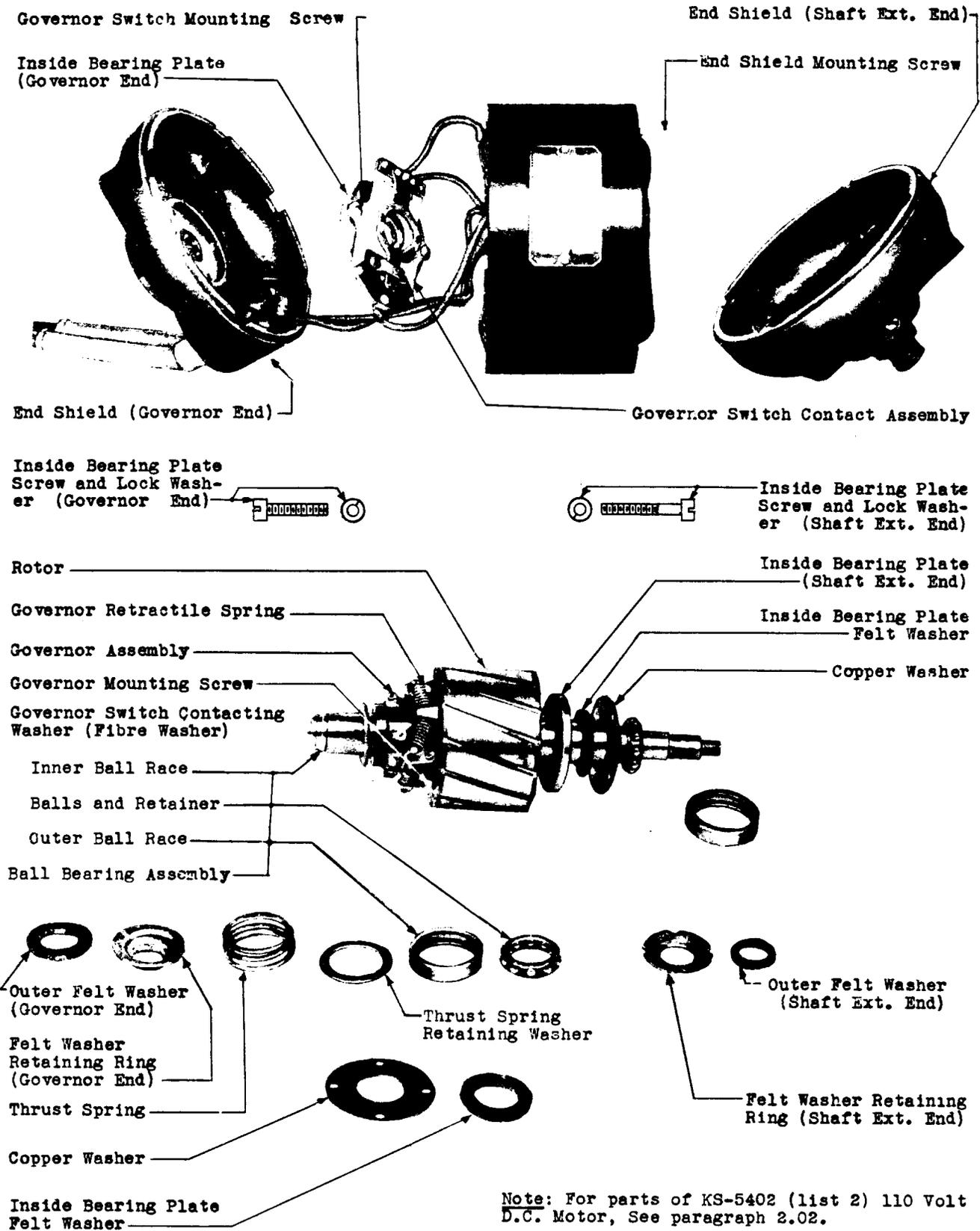


Fig. 2 - Parts for KS-5402 (List 1) 110 Volt A.C. Motor

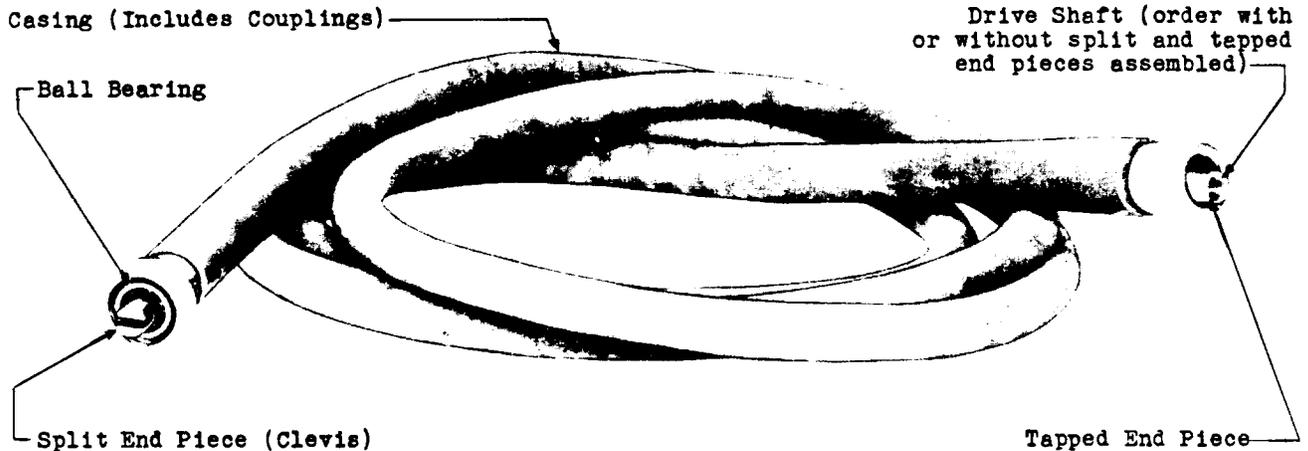
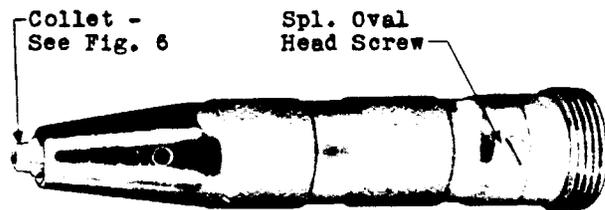
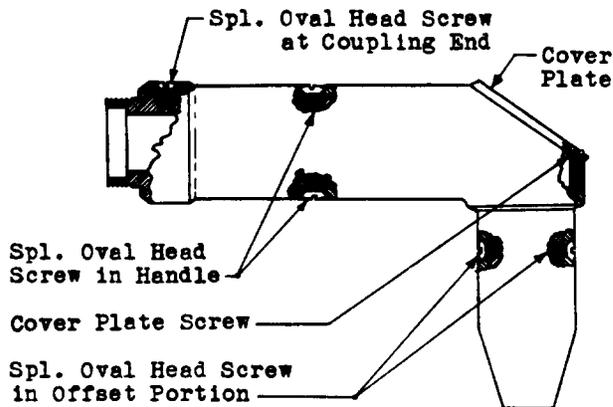


Fig. 3 - Parts for KS-6851 Flexible Shaft



Note: If any parts not designated require replacement, return the handpiece to the W. E. Co. for repair.

Fig. 4 - KS-6852 Handpiece. This Handpiece is Furnished with 1 collet per Fig. 6 and 2 Pins and 1 Wrench per Fig. 8



Note: If any parts not designated require replacement, return the handpiece to the W. E. Co. for repair.

Fig. 5 - KS-6910 Handpiece. Collets per Figs. 6 and 7 Furnished Separately. 2 Pins and 1 Wrench per Fig. 8 Furnished with Handpiece.

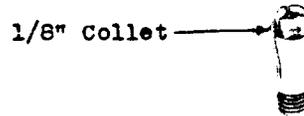


Fig. 6 - 1/8" Collet Furnished with KS-6852 Handpiece. This collet also used with KS-6910 Handpiece.

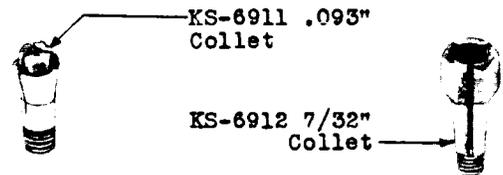


Fig. 7 - KS-6911 and KS-6912 Collets. These Collets used with either the KS-6852 or the KS-6910 Handpiece

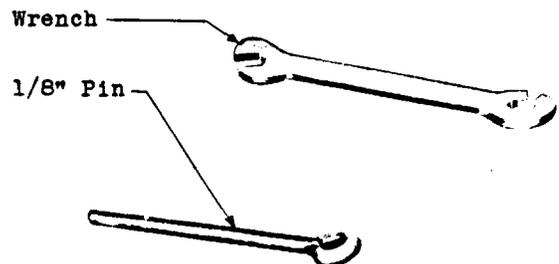


Fig. 8 Parts for Tightening Collets of KS-6852 and KS-6910 Handpieces

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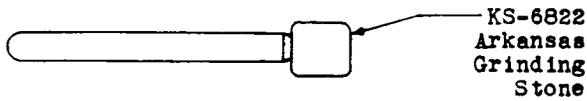


Fig. 9 - KS-6822 Arkansas Grinding Stone

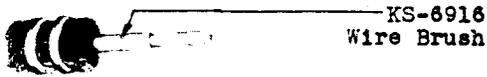


Fig. 10 - KS-6916 Wire Brush

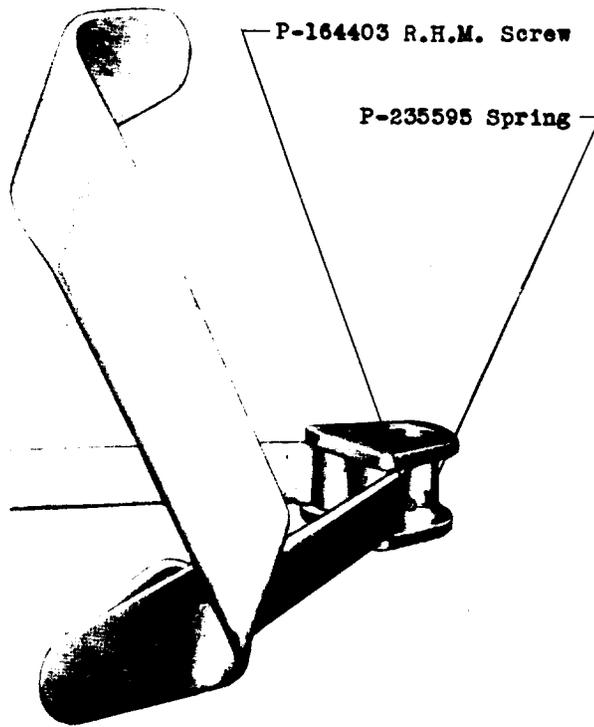


Fig. 12 - Parts for No. 434A Tool (Motor Ladder Bracket)

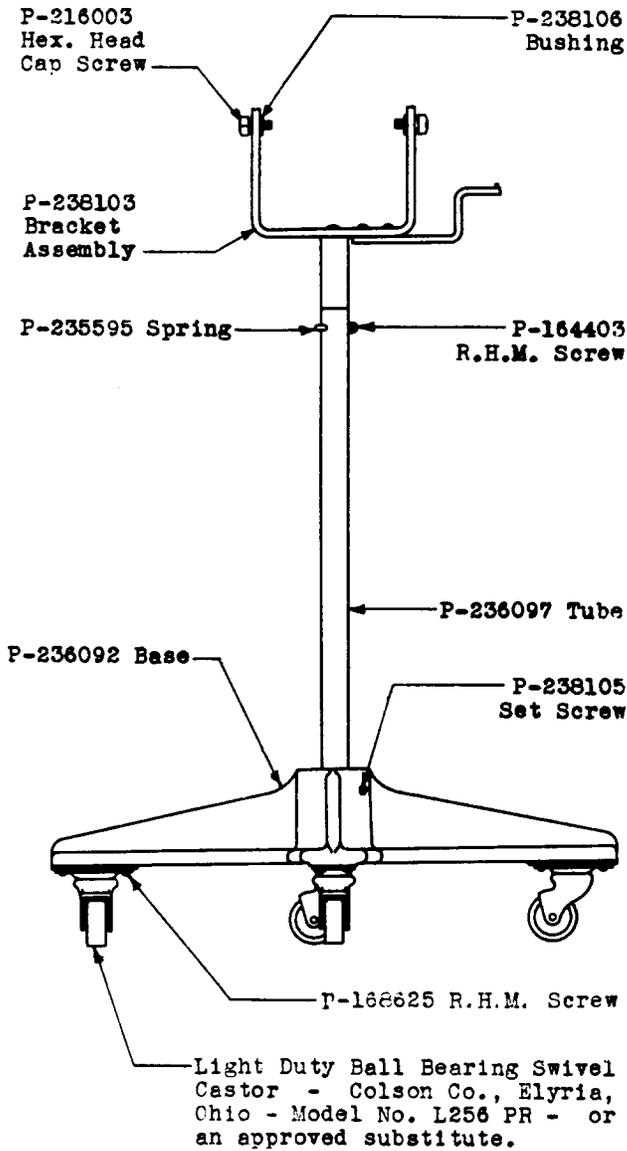


Fig. 11 - Parts for No. 433A Tool (Motor Floor Stand and Swivel Yoke)

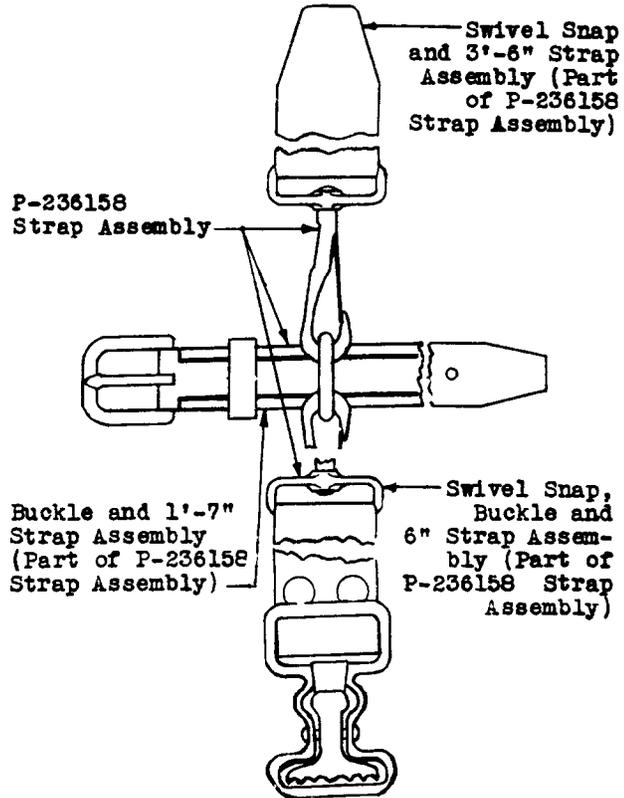
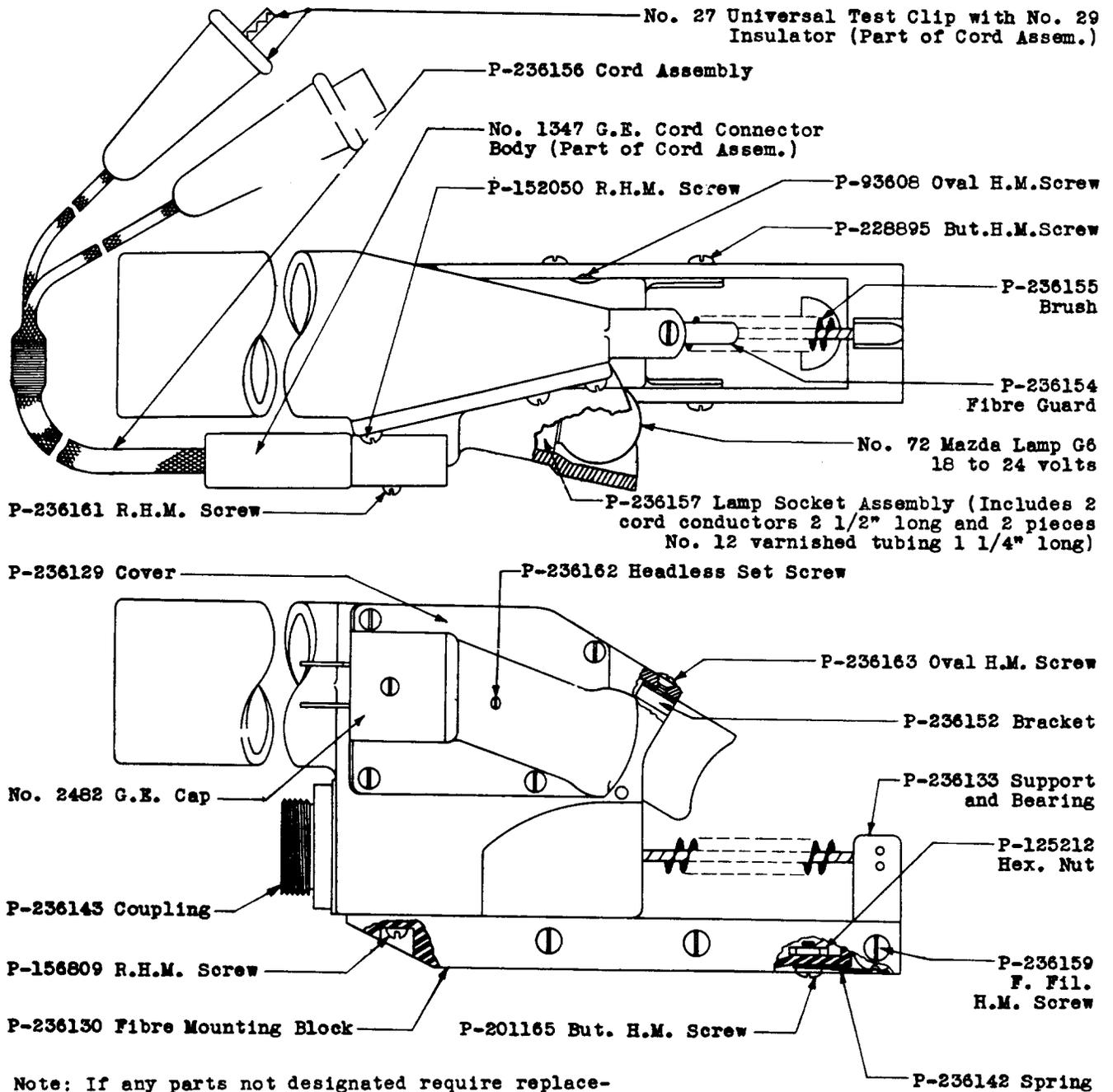


Fig. 13 - Strap Assembly - Part of No. 435A Tool



Note: If any parts not designated require replacement, return the tool to the W. E. Co. for repair.

Fig. 14 - Parts for No. 435A Tool (Vacuum Head)