

VACUUM CLEANER — KS-8389

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 KS-8389 vacuum cleaners. It also covers approved procedures for replacing these parts.

1.02 Part 2 of this section covers the piece part numbers and the corresponding names of the parts which it is practicable to replace in the field on 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."

1.03 Part 3 of this section covers the approved procedures for the replacement

of the parts listed under Part 2. This information is called "Replacement Procedures."

2. PIECE PART DATA

2.01 The figures included in this part show the various piece parts in their proper relation to other parts of the apparatus. The piece part numbers of the various parts are given together with the names of the parts assigned by the manufacturer.

2.02 When ordering parts for replacement purposes, give the piece part number as well as the name of the part and also reference that the part is for the "KS-8389 Vacuum Cleaner". Example: "E-500C20 Switch for KS-8389 Vacuum Cleaner." Do not refer to the B.S.P. number or to any information shown in parenthesis following the piece part numbers.

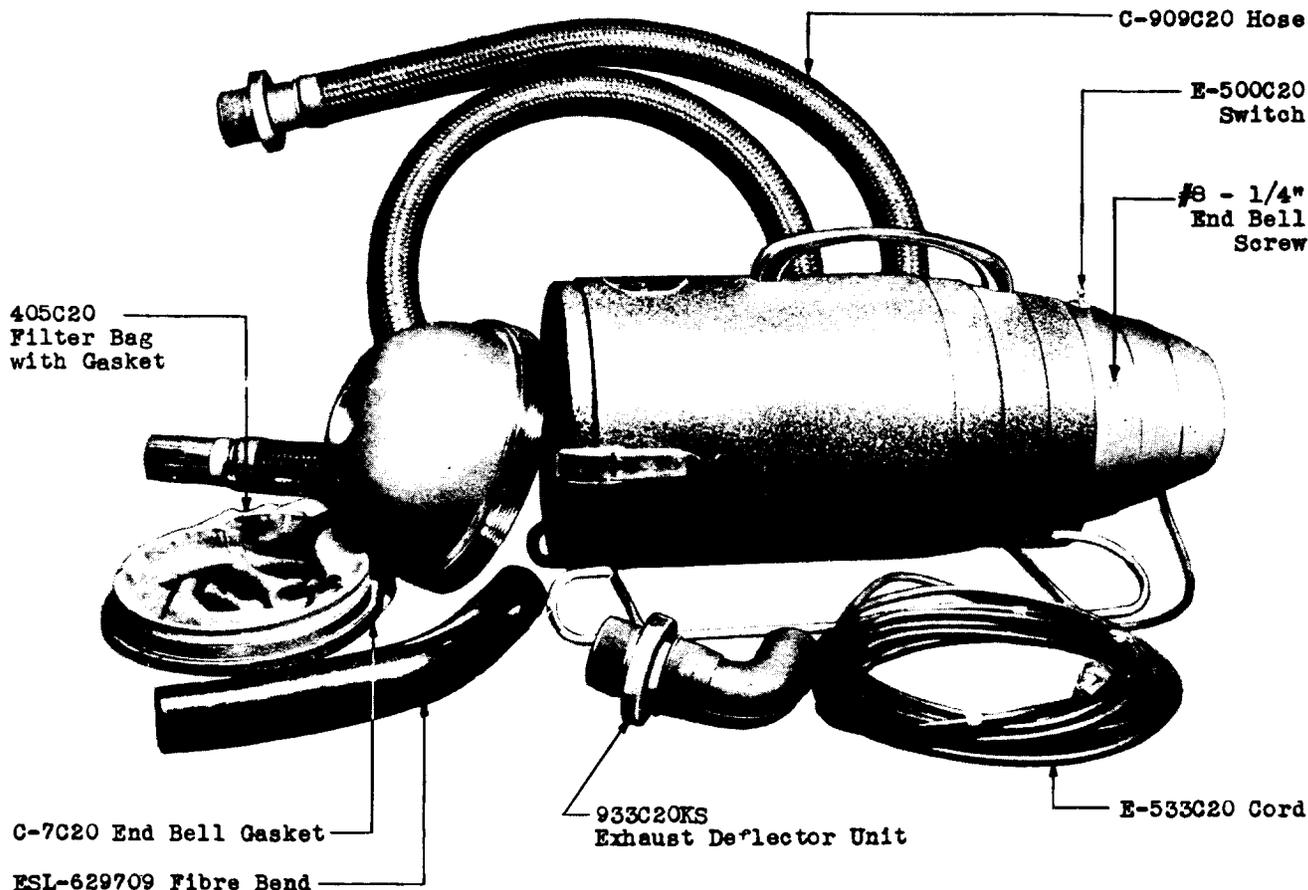


Fig. 1 - Parts of KS-8389 Vacuum Cleaner

E-601C5 Brush Holder Cap

E-608C20 Motor Brush



Fig. 2 - Motor Brush and Cap

3. REPLACEMENT PROCEDURES**3.01 List of Tools**

<u>Code or Spec. No.</u>	<u>Description</u>
<u>Tools</u>	
417A	1/4" and 3/8" Hex. Open Double End Flat Wrench
KS-8097	5/8" and 7/16" 12 Point Offset Box Wrench
-	3" Cabinet Screwdriver
-	4" Regular Screwdriver

3.02 Brush Holder Cap and Motor Brush:

To replace either a brush holder cap or a motor brush, remove the exhaust end bell screws with the 4" regular screwdriver. Pull the end bell far enough away from the housing to permit access to the cap and brush. Remove the cap with the 3" cabinet screwdriver. Take care when doing this not

to damage the cap. If the motor brush is to be replaced remove it and substitute the new brush. If the cap is to be replaced, replace it at this time. Take care when mounting the cap in place not to damage the brush spring. Remount the end bell securely in the housing.

3.03 Switch: To replace the switch, remove the exhaust end bell screws with the 4" regular screwdriver and the switch lock nut with the KS-8097 wrench and pull the end bell away from the housing. Remove the switch from the end bell or if the switch is mounted in the housing, remove it from the housing and the lock washer from the switch. Remove the switch terminal mounting nuts with the No. 417A wrench and remove the wires associated with the switch to be replaced. Connect the wires associated with the new switch and tighten the nuts securely. Place the lock washer over the handle of the switch and mount the switch in place and securely tighten the lock nut. Remount the exhaust end bell.

3.04 Cord: To replace the cord, remove the end bell screws and end bell as outlined in 3.03. Remove the cord clamping nut with No. 417A wrench and the clamping nut screw with the 4" regular screwdriver. Remove the clamp. Remove the cord terminal mounting nuts with the No. 417A wrench and remove the cord. Substitute the new part, mounting the wires around the terminals and tighten the mounting nuts securely. Place the cord clamp around the cord and mount the clamp and tighten it in place. Remount and securely tighten the lock nut with the No. 417A wrench. Remount the end bell securely in position.