

SECTION D MAINTENANCE

1. SERVICE AND MAINTENANCE INSTRUCTIONS

1.1 REPAIR OF FINGERSTOCK

Fingerstock can be replaced in sections if a maximum of 10" is damaged. It is necessary to remove broken or loose pieces with needle pliers before installation of new fingerstock.

Select an overlapping piece not less than four inches longer than the missing section. Using Figure 4 as a guide, insert new fingerstock.

1.2 ADJUSTMENT OF HINGES

1. Hinges can be adjusted to raise or lower the door leaf.
2. Turn adjusting screw (top or bottom hinge) so that knife edge on door is centered in channel at top and bottom of door.
3. Adjust second hinge by putting approximately the same torque on adjustment screw.

1.3 6000 CYCLES, MAINTENANCE PROCEDURE (Finger Stock)

NOTE: It is extremely important that proper cleaning and lubrication of the contact finger mechanism be performed every 6000 cycles.

1. Preparation
Place absorbent material (cloths, sponges, etc.) below entire length of the sill prior to cleaning and lubricating, to catch excess fluids. Do not wipe fingerstock.
2. Cleaning
Using generous amounts of Channelmaster™ Lubricant, flush entire finger recess on frame of door, starting across the top of the door frame and working down both sides. Flush bottom last. This process will wash off all visible residue on fingers. Wipe brass door frame with clean cloth. Inspect fingerstock, install new fingerstock where necessary as in 1.1 above. Now wipe knife on door leaf with a clean cloth or sponge wetted with Channelmaster™ Lubricant.
3. Lubricating
Spray fingerstock lightly with lubricant working rapidly across top of door frame down both sides and across bottom. One application only. Operate door 20 times to lubricate contacting areas.

- ### 1.4 1 MONTH INTERVALS OR 6000 CYCLES (LATCH/UNLATCH HARDWARE) WHICHEVER OCCURS FIRST.
- Lubricate latch rod at both guide blocks with a medium consistency silicon grease.

- 1.5 60,000 CYCLES, MAINTENANCE PROCEDURE (Finger Stock)
1. Perform all maintenance called for in 6000 Cycle Instructions. See Section 1.3.
 2. During inspection of fingerstock count the number of patches which have been replaced. If more than five patches exist, remove all fingerstock and vinyl seal shield from channel and reinstall new fingerstock and new seal as shown in Fig. 3.
 3. To Replace Fingerstock and Vinyl Seal
 - 1) Remove old fingerstock and vinyl seal using needle pliers.
 - 2) Clean channel with lubricant as in Par. 1.3.
 - 3) Spray channel with lubricant.
 - 4) Cut exact lengths of fingerstock for each of the four sides of the frame. (A standard 3'x 7' door will require the following lengths of fingerstock 3'-0³/₈" (4), 7'-0⁷/₈" (2), 7'-0⁷/₈" (2).)
 - 5) Cut exact length of vinyl seal (A standard 3'x 7' door will require a length of 20'2").
 - 6) Starting in upper lefthand corner, install first row of fingerstock by hand, down the entire side of the frame (see Fig. 5).
 - 7) Lubricate fingers and channel again.
 - 8) Again starting in the upper lefthand corner, insert second row of fingerstock by hand, down the entire side of the frame. Fingers should be gently pressed into position one at a time, until they are locked in place (see Fig. 3).
 - 9) Repeat Steps 6, 7, and 8 for each of the remaining three sides of the frame.
 - 10) Relubricate all fingerstock and channel.
 - 11) Now, starting in the middle of the side of the frame, start installing the vinyl seal (for a 3'x 7' door, this will be 20'-2" length) by inserting it, by hand, into the channel opening. Go around the door frame completely so that the vinyl seal covers the fingerstock completely.
 - 12) Using the right angle corner of a rectangular piece of sheet metal (about 4" x 8" x 16 gauge) or a wide putty knife, gently push the vinyl seal between the two rows of fingerstock to its final position at the base of the channel. Care must be taken at the corners to be sure to insert the vinyl seal behind one finger at a time.
 - 13) If fingers are broken during insertion of the vinyl seal, a patch section must be inserted (see Para. 1.1).
- 1.6 Door closer may require minor adjustments from time to time based on use of door and air pressure in room. Instructions for these adjustments are affixed to inside cover of closer.

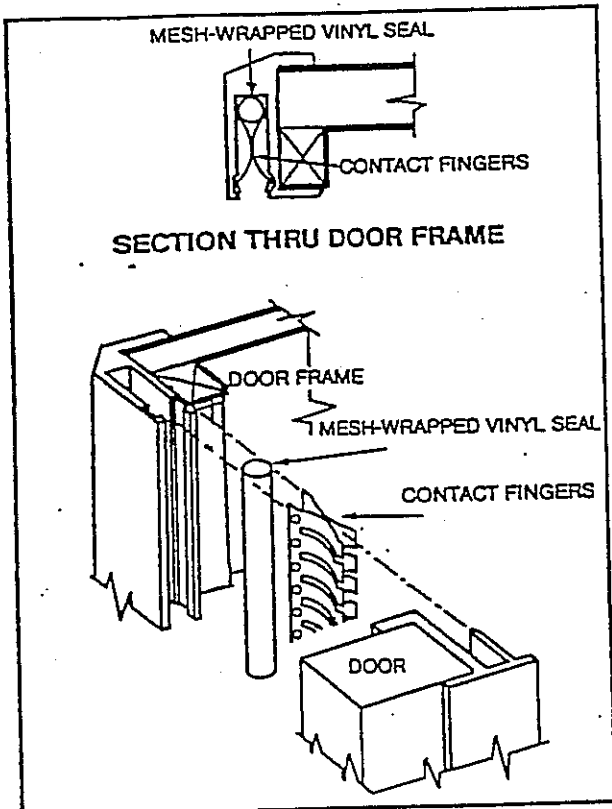


FIGURE 3. EXPLODED VIEW OF RECESSED CONTACT MECHANISM (RCM)

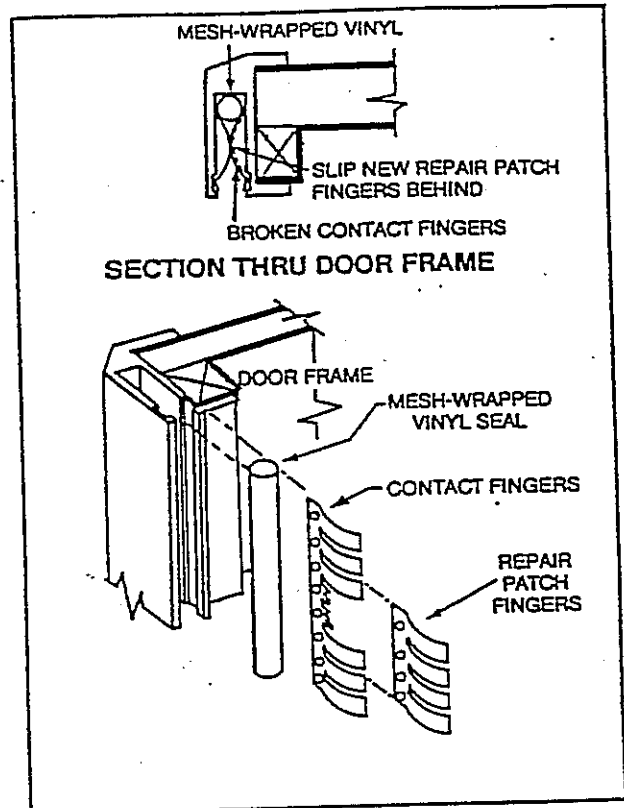


FIGURE 4. FINGERSTOCK REPLACEMENT DETAIL

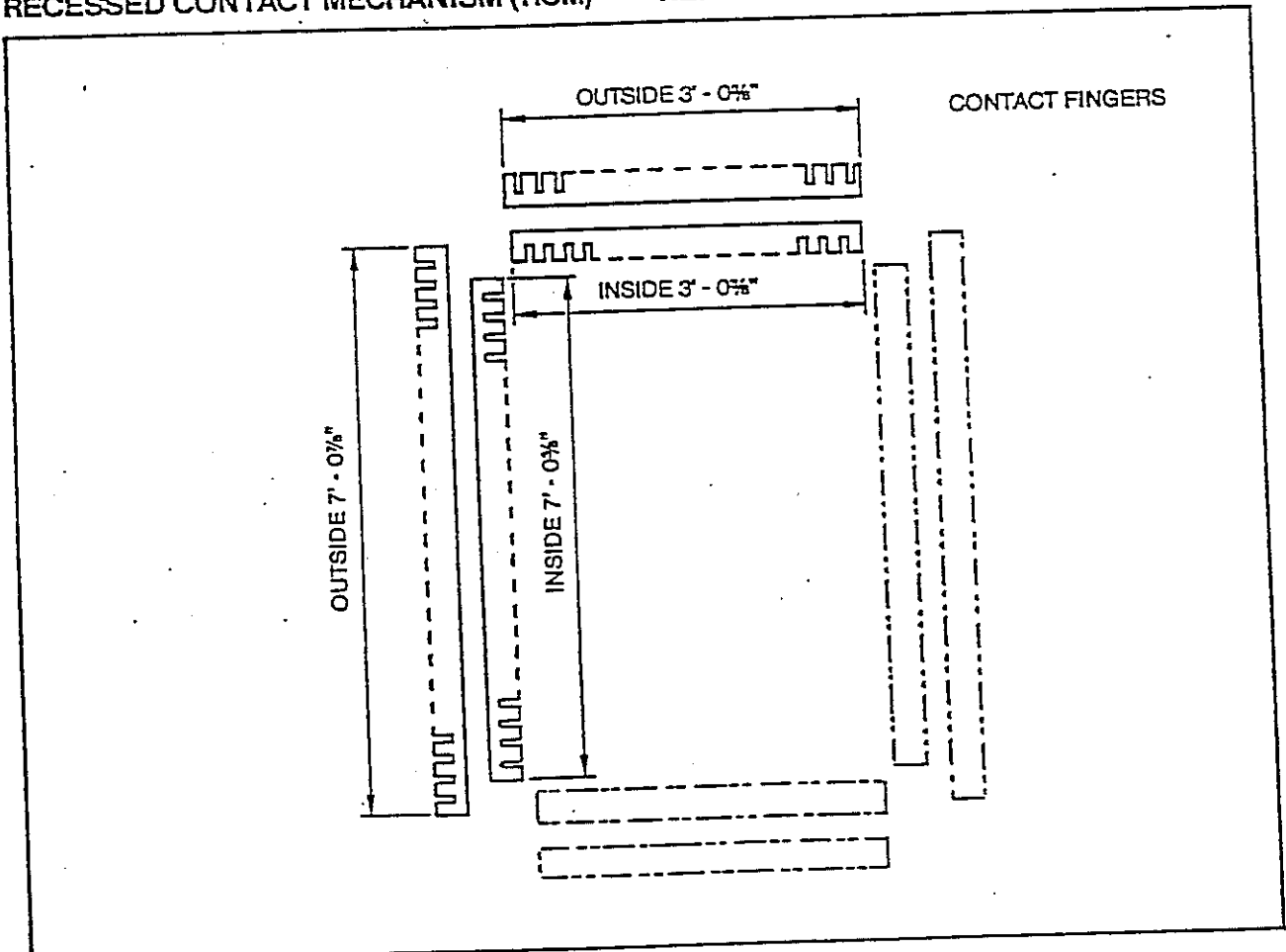


FIGURE 5. FINGERSTOCK SIZE LAYOUT

RECOMMENDED CLEANING SOLVENTS AND LUBRICANTS:

CLEANER:

WD-40 is supplied in maintenance kit below

LUBRICANT:

Conductive Spray Lubricant WD-40 is supplied in maintenance kit below

DOOR MAINTENANCE REPLACEMENT PARTS:

- * Cam Follower
Part Number DAP-126AA01

- * Fingerstock, 25 L.F. 5 Mil
Part Number GMA-005AA01

- * Door Gasket, ½" Dia. Wire Covered Gasket, 22 L.F.
Part Number GMA-020AB01

DOOR MAINTENANCE KIT (SUPPLIED):

SPE023AA01	1.00 EA	DOOR KIT BOX, CARDBOARD
SPE002AA02	1.00 EA	CONDUCTIVE LUBRICANT WD-40 8OZ
SPE005AA01	6.00 EA	SCOTCH BRIGHT PADS, 6"X9", #7447
GMA005AA01	50 L.F.	FINGERSTOCK GASKET, 2-ROLL, 5MIL