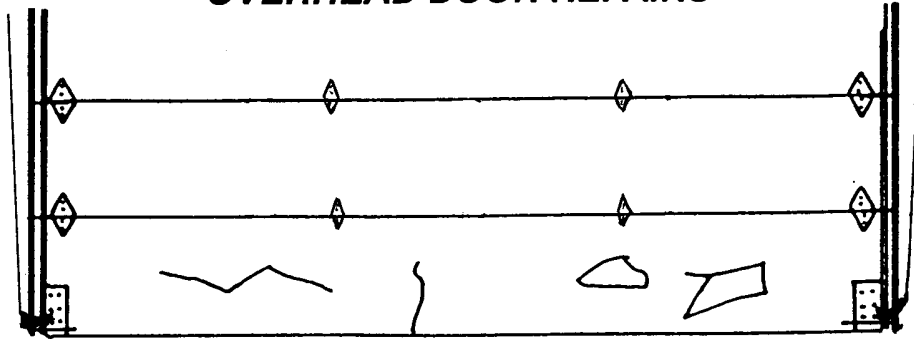


DDM ENTERPRISES OVERHEAD DOOR REPAIRS



Bottom Section Replacement 2

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A. Prepare

IMPORTANT

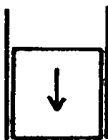
These are general guidelines and specific details may differ in the repair of your doors. You are responsible for working safely, and you assume all risk involved in installing or repairing the door and operator equipment. DDM Enterprises disclaims all liability regarding installation or repair of the equipment. These instructions do not create a warranty for either parts or instructions.

1

GATHER TOOLS

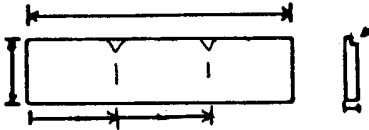
Winding bars	Ladders or scaffold
Ratchet wrench 1/2" drive	Safety glasses
6 pt. socket 7/16, 3/8, 1/2"	Hammer
8 pt. socket 1/2"	Large screwdriver
Adjustable wrench	4 X 4 blocks (2)
Open end wrench 3/8, 7/16	Drill & 1/4" bits
Vise grips (10)	

2



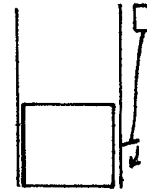
Close door.

3



Double-check measurements of new section against

4



Disengage operator.

5

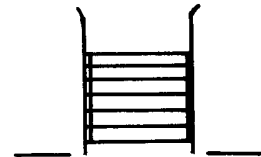


Turn off power.

B.

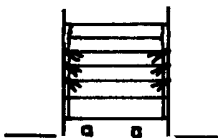
Remove Old Section.

6



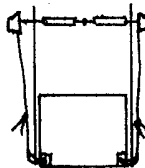
Raise door 8".

7



Place blocks under door & vise-grip tracks under 3rd 4th & 5th rollers.

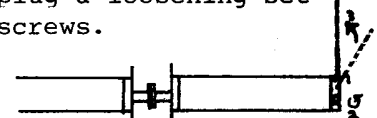
8



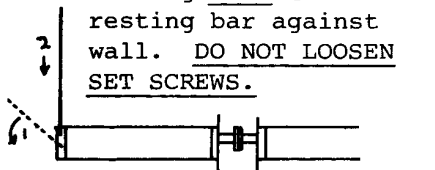
Vise-grip cables to keep on drums.

9

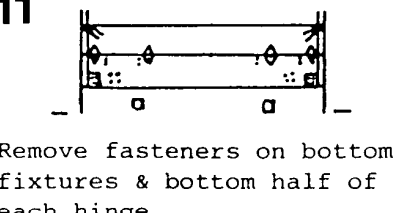
Bar off right spring by inserting bar into plug & loosening set screws.



10 Bar off left spring by winding DOWN $\frac{1}{2}$ turn & resting bar against wall. DO NOT LOOSEN SET SCREWS.

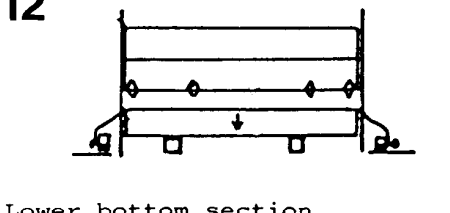


11



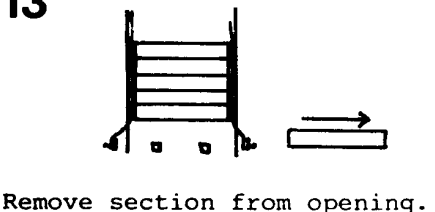
Remove fasteners on bottom fixtures & bottom half of each hinge.

12



Lower bottom section.

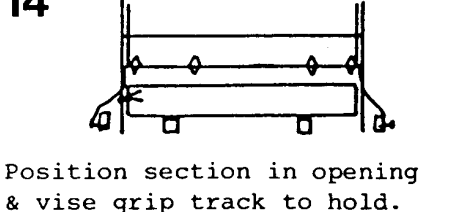
13



Remove section from opening.

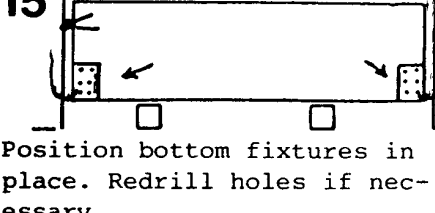
C.
Install New Section

14



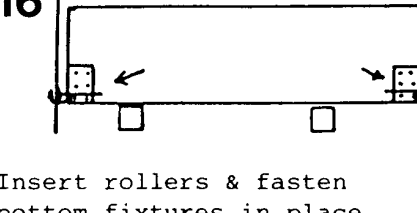
Position section in opening & vise grip track to hold.

15



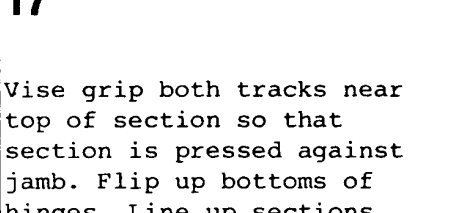
Position bottom fixtures in place. Redrill holes if necessary.

16



Insert rollers & fasten bottom fixtures in place.

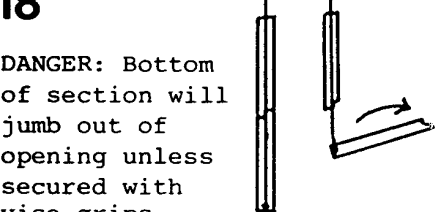
17



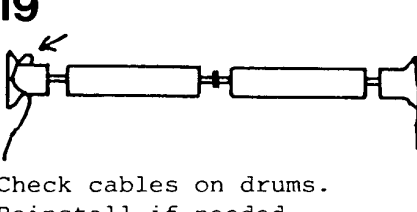
Vise grip both tracks near top of section so that section is pressed against jamb. Flip up bottoms of hinges. Line up sections.

18

DANGER: Bottom of section will jumb out of opening unless secured with vise grips.

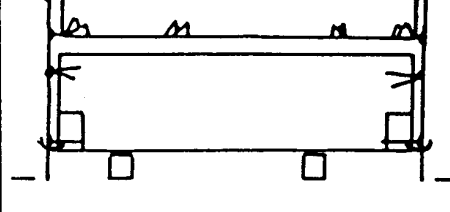


19



Check cables on drums. Reinstall if needed.

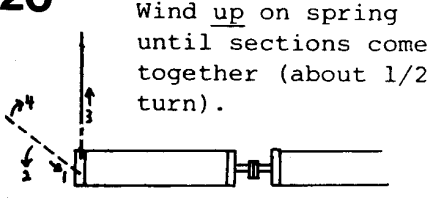
22



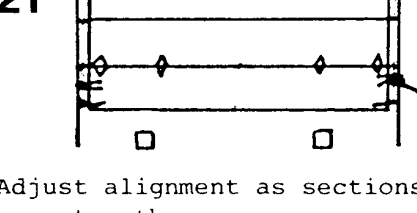
Drill & fasten bottoms of hinges.

20

Wind up on spring until sections come together (about $\frac{1}{2}$ turn).

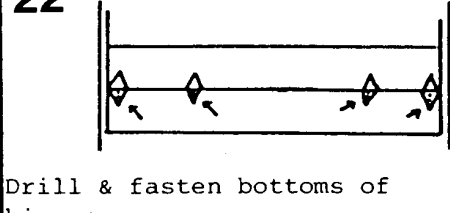


21



Adjust alignment as sections come together.

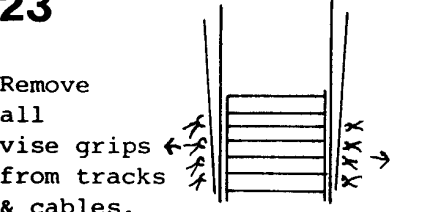
24



Turn off power.

23

Remove all vise grips from tracks & cables.

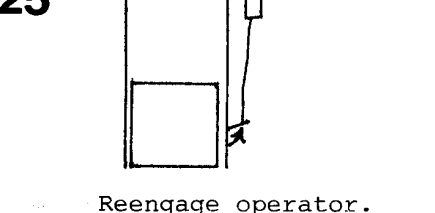


D. Final Inspection

27

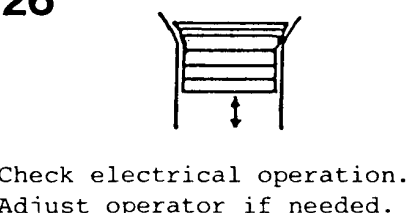
Put away tools, discard old materials, and take a coffee break.

25



Reengage operator.

26



Check electrical operation. Adjust operator if needed.