

CONCEALED OVERHEAD DOOR CLOSER

MODEL
DC-3020Series SIZE 2
DC-3030Series SIZE 3

1. INSTALLATION INSTR.

HEADER PREPARATION

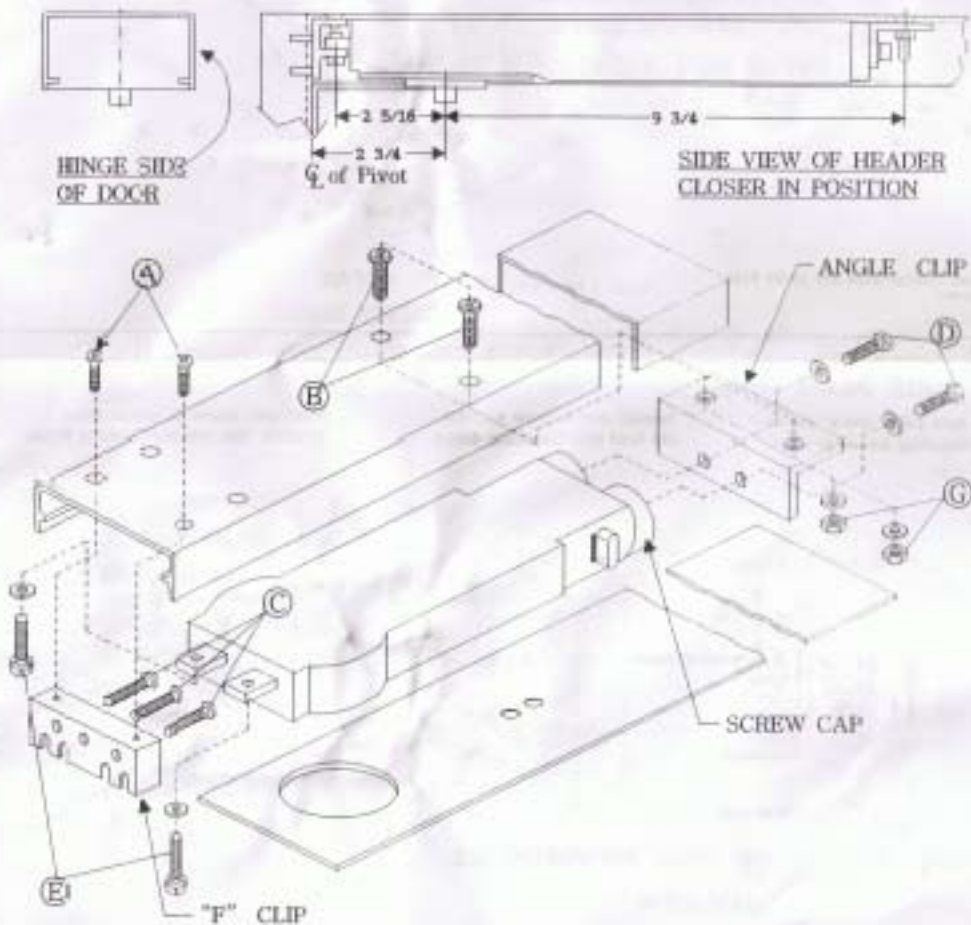
- A- MOUNT "F" CLIP WITH TWO 10-20x3/8 FBMS.
- B- MOUNT TWO 1/4-20x7/8 FBMS ON HEADER FOR ANGLE CLIP AND SECURE WITH TWO 1/4-20 NUTS (G).
- C- SECURE "F" CLIP TO JAMB WITH THREE 8-32x1/2 PAN HD PHILL SCREWS.

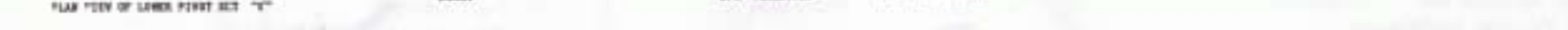
CLOSER PREPARATION

- D- MOUNT ANGLE CLIP TO SCREW CAPS WITH TWO 1/4-20x1/2 HEX HD MS.
- E- INSTALL TWO 1/4-20x5/8 FILLISTER HD MS INTO LUGS OF CLOSER. LEAVE LOOSE.

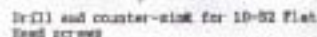
CLOSER INSTALLATION

- F- INSERT CLOSER LUGS INTO "F" CLIP (A) AT AN ANGLE. RAISE OPPOSITE END OF CLOSER TO ALIGN ANGLE CLIP HOLES WITH MOUNTING SCREWS (B).
- G- SECURE SCREWS (D) AND NUTS (G) IN POSITION.
- H- MAKE SURE ALL SCREWS ARE TIGHT.
- I- INSTALL AND SECURE COVER PLATE.

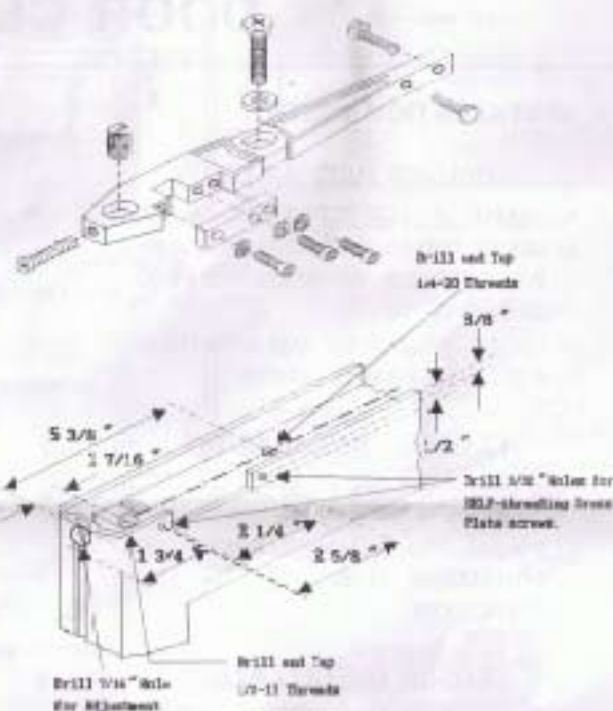


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Drill and counter sink outside top surface
for 12-32x3/8" and 1/4-20x1 1/4 flat head
screws as shown.



Drill 1 3/4" and 1 1/2" holes as shown.



Drill six drill and tag holes in top of door as shown.

Make 2 1/4" x 1/8" cut-out in top of door as shown. Cut-out must be on the inside of the door.

Install one using 1/4-20 x 1 1/4" flat head machine screw and 1/8" washer.
Install 1/2-13 x 3/4" eye stud and 1/4-20 x 1 1/8" dome head eye adjustment screw.

Laterally adjust center of the arm spindle retainer 2.54" from hinge edge of door (not including weatherstripping). Center arc in the top rail by adjusting the two 1/4-20 x 1" hex head centering bolts.

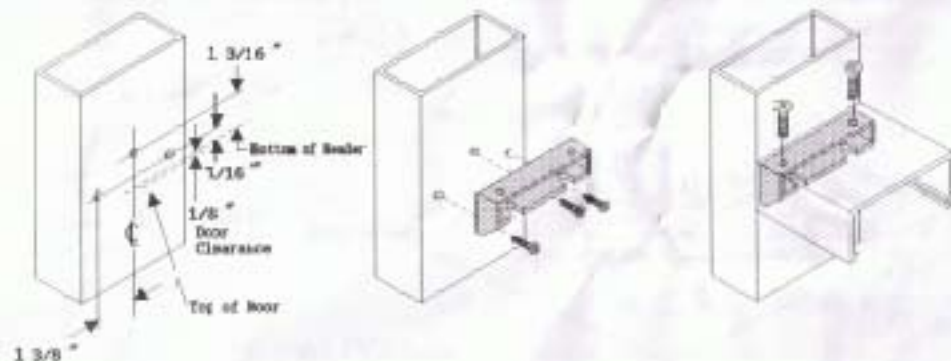
After installation of box, attach door plate with self-threading screws.

NOTE: Before attaching dress plate, make certain the three 1/4-20x1/2" socket head cap screws with lock washers are tightened securely.

3-1/2" hole for 5-3/4" x 1/2" gas head
self-threading screws as shown.

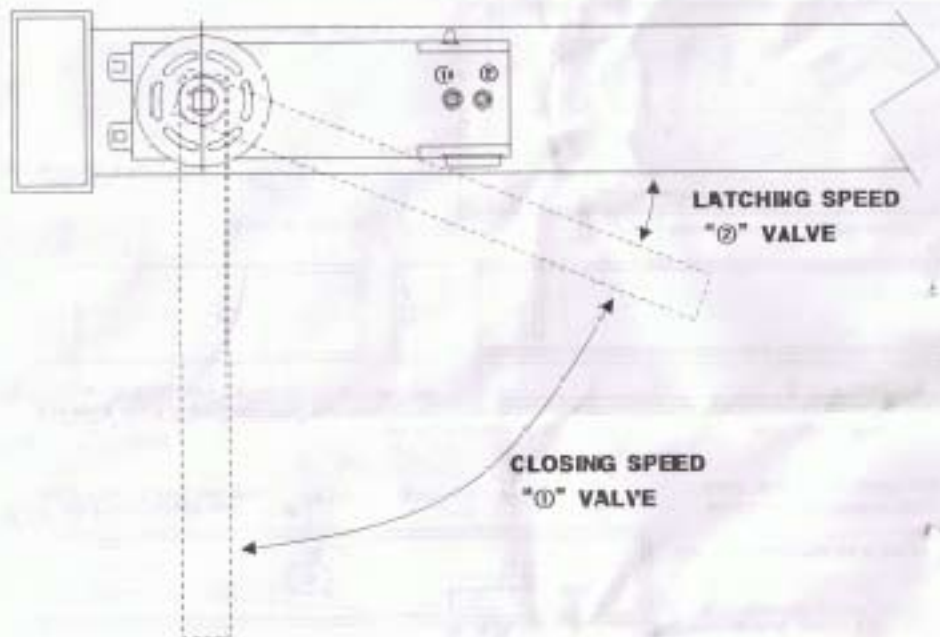
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Install webserver using S-HTTP:
run head self-threading screen
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Mount door handle on anchor using
3/8-30x1 1/2" flat head self-threading screw



7. TWO VALVE CLOSER

INSTRUCTIONS AND ADJUSTMENT



VALVE IDENTIFICATION

"①" : CLOSING SPEED

"②" : LATCHING SPEED

- A. THIS CLOSER HAS BEEN FULLY TESTED AND ADJUSTED AT THE FACTORY. THE CLOSER AND LATCHING SPEED HAVE BEEN PRESET TO ACHIEVE A 6-8 SECOND CLOSING CYCLE, UNDER NORMAL CONDITIONS.
- B. TO INCREASE EITHER SPEED, TURN THE APPROPRIATE VALVE COUNTERCLOCKWISE. LATCH SPEED ADJUSTMENTS MAY ALTER THE CLOSING SPEED.
- C. RECOMMENDED PROCEDURE: SET CLOSING SPEED, SET LATCH SPEED, RESET CLOSING SPEED IF NECESSARY.