

# INSTRUCTIONS

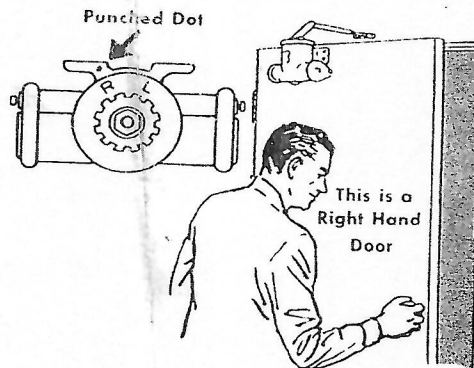
This Side of Sheet is for **RIGHT HAND** Closer on **RIGHT HAND** Door Opening Less than 140°

(See Other Side for Left Hand Closer on Left Hand Door)

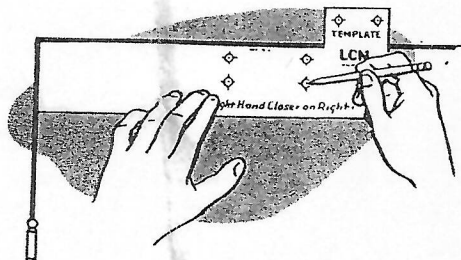


**Important:** If closer is to be mounted on a BRACKET, discard this sheet and follow instructions in bracket carton!

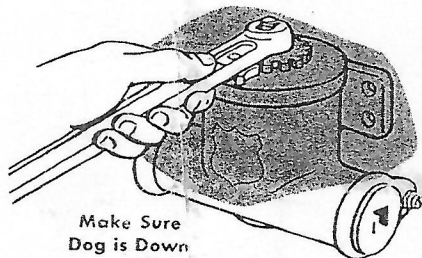
- 1** Hand of closer must match hand of door. Punched dot identifies hand of closer. (Hand of closer is easy to change; see "To Change Hand of Closer", column 3.)



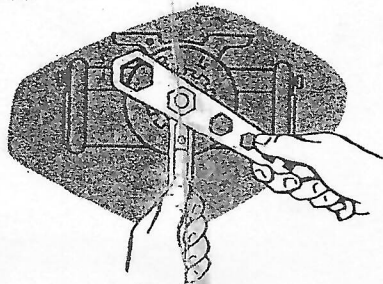
- 2** Locate screw holes. Using Template Card and MAKING SURE CARD IS FOLDED, if necessary, FOR THE CORRECT DEGREE OF OPENING REQUIRED, mark spots for screw holes on hinge face of door and jamb. Drill holes.



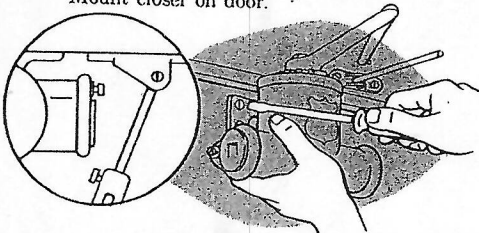
- 3** Remove shaft nut of closer. Place main arm on shaft; push down, exposing two or three threads. If hold-open arm, hex adjusting nut must be on top. (See column 3)



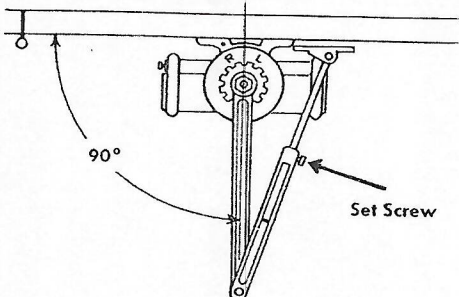
- 4** Replace nut. Tighten down, seating arm on shaft.



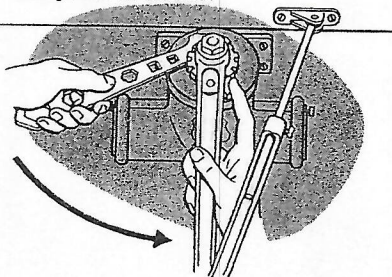
- 5** Note position of shoe, shown in magnified sketch below, and mount securely on jamb. Mount closer on door.



- 6** Engage rod in forearm. With main arm AT RIGHT ANGLES TO DOOR (with door closed), tighten set screw for rod.

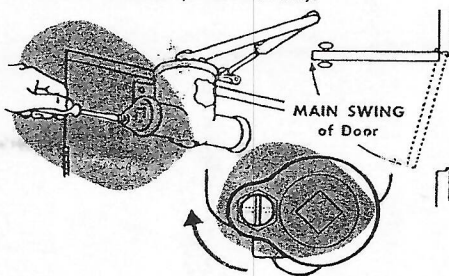


- 7** Holding dog against ratchet, wind ratchet counter-clockwise 2 or 3 notches for average closing; engage dog in ratchet. Apply more or less power as needed.

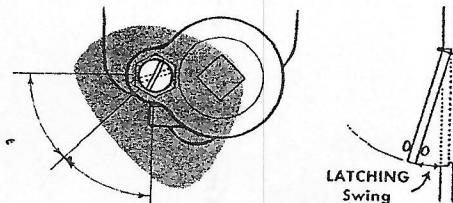


- 8** Regulate closer. (It is pre-set for average conditions.)

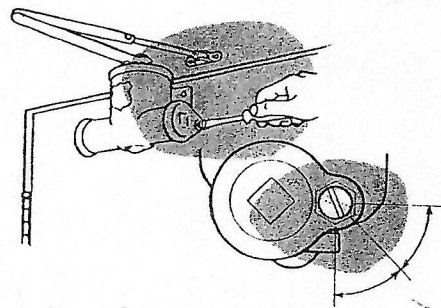
- a** To slow down MAIN SWING of door, turn regulating screw nearest hinge IN, clockwise, by complete turns, leaving screw slot vertical (or horizontal).



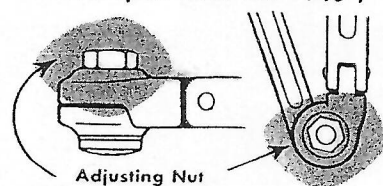
- b** Adjust LATCHING speed by turning SAME SCREW in or out SLIGHTLY, not more than 1/8 turn from vertical (or horizontal).



- c** Adjust BACK-CHECK by turning regulating screw farthest from hinge in or out SLIGHTLY, not more than 1/8 turn from vertical (or horizontal). Use lightest BACK-CHECK that will retard door opening sufficiently - do not use abrupt BACK-CHECK.



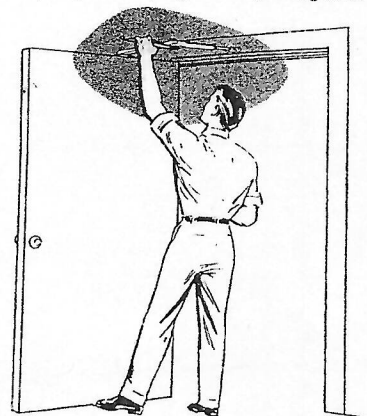
Hold-open Arm (90°-140°)



Same arm is used with either right or left hand closer. For a right hand door, hex adjusting nut must be on top.

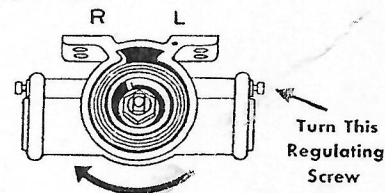
Attach arm as in steps 3 to 6.

Arm is pre-set to hold at 90°. To change, loosen adjusting nut; open door to desired hold-open position; tighten adjusting nut.



## To Change Hand of Closer

EXAMPLE: To change a left hand closer to right hand:



- a** Turn regulating screw indicated above OUT, counter-clockwise, 1 1/2 turns.

- b** Remove arm, ratchet and cover.

- c** Lift out spring; turn it over; put it back with hook at "R" (see above).

- d** Revolve shaft in direction of arrow as far as it will go.

- e** Replace cover and ratchet.

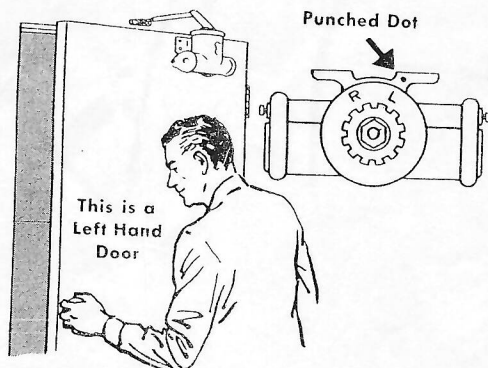
# INSTRUCTIONS

This Side of Sheet is for **LEFT HAND** Closer on **LEFT HAND** Door Opening Less than 140°  
(See Other Side for Right Hand Closer on Right Hand Door)

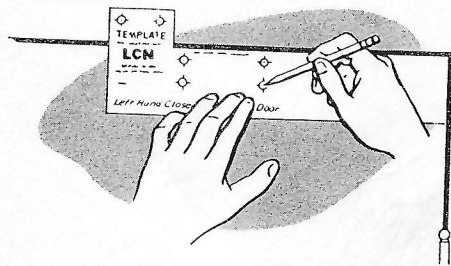


**Important:** If closer is to be mounted on a BRACKET, discard this sheet and follow instructions in bracket carton!

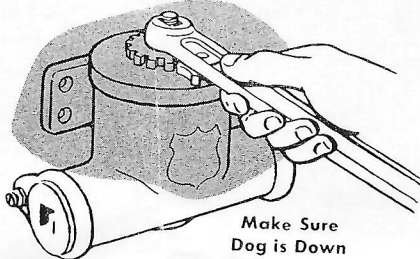
- 1** Hand of closer must match hand of door. Punched dot identifies hand of closer. (Hand of closer is easy to change; see "To Change Hand of Closer", column 3.)



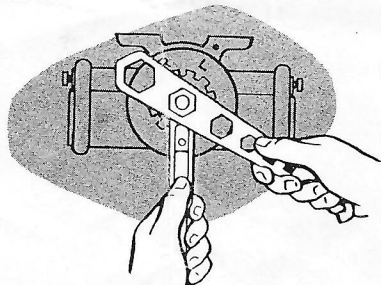
- 2** Locate screw holes: Using Template Card and MAKING SURE CARD IS FOLDED, if necessary, FOR THE CORRECT DEGREE OF OPENING REQUIRED, mark spots for screw holes on hinge face of door and jamb. Drill holes.



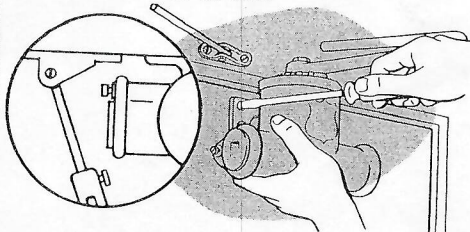
- 3** Remove shaft nut of closer. Place main arm on shaft; push down, exposing two or three threads. If hold-open arm, hex adjusting nut must be down. (See column 3)



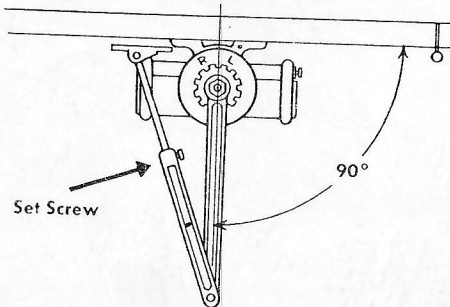
- 4** Replace nut. Tighten down, seating arm on shaft.



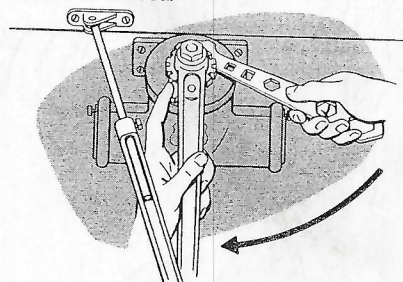
- 5** Note position of shoe, shown in magnified sketch below, and mount securely on jamb. Mount closer on door.



- 6** Engage rod in forearm. With main arm AT RIGHT ANGLES TO DOOR (with door closed), tighten set screw for rod.

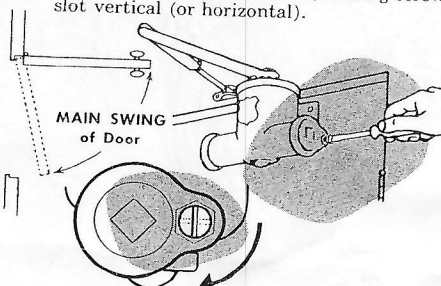


- 7** Holding dog against ratchet, wind ratchet clockwise 2 or 3 notches for average closing; engage dog in ratchet. Apply more or less power as needed.

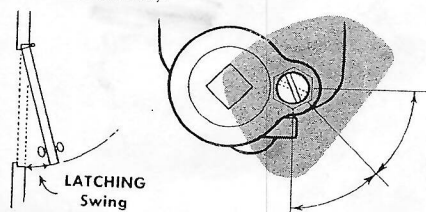


- 8** Regulate closer. (It is pre-set for average conditions.)

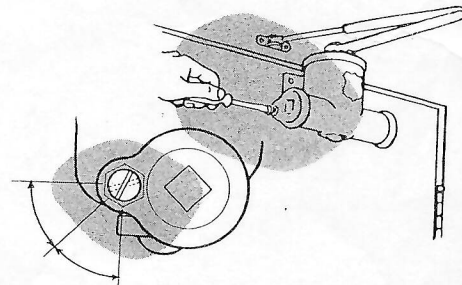
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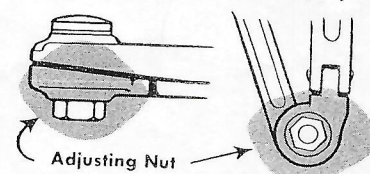
- b** Adjust LATCHING speed by turning SAME SCREW in or out SLIGHTLY, not more than 1/8 turn from vertical (or horizontal).



- c** Adjust BACK-CHECK by turning regulating screw farthest from hinge in or out SLIGHTLY, not more than 1/8 turn from vertical (or horizontal). Use lightest BACK-CHECK that will retard door opening sufficiently - do not use abrupt BACK-CHECK.



Hold-open Arm (90°-140°)



Same arm is used with either right or left hand closer. For a left hand door, hex adjusting nut must be down.

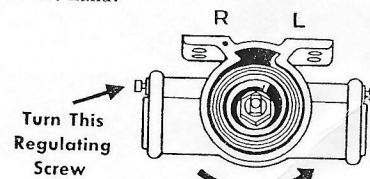
Attach arm as in steps 3 to 6.

Arm is pre-set to hold at 90°. To change, loosen adjusting nut; open door to desired hold-open position; tighten adjusting nut.



## To Change Hand of Closer

EXAMPLE: To change a right hand closer to left hand:



- Turn regulating screw indicated above OUT, counter-clockwise, 1 1/2 turns.
- Remove arm, ratchet and cover.
- Lift out spring; turn it over; put it back with hook at "L" (see above).
- Revolve shaft in direction of arrow as far as it will go.
- Replace cover and ratchet.