GC802/GC803/GC804 DOOR CLOSERS
INSTALLATION INSTRUCTIONS

INSTALLATION APPLICATIONS

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Non Hold Open Arm
Left Hand Door-RH or Right Hand Reverse -RHR
See Page 2

GC802/GC803/GC804 DOOR CLOSERS
INSTALLATION INSTRUCTIONS

DOOR CLOSER ADJUSTMENT

CLOSING CYCLE
NOTE: CLOSING arcs (CLOSE and LATCH) are controlled two (2) separate speed adjusting valves adjust the CLOSING speed first, then adjust the LATCHING speed.

1. CLOSING speed adjustment is accomplished by full rotations of the speed adjusting valve.
   - Turn the speed adjustment valve CLOCKWISE for a SLOWER CLOSE arc closing speed.
   - Turn the speed adjustment valve COUNTER-CLOCKWISE for a FASTER CLOSER arc closing speed.

2. LATCH speed adjustments is accomplished by full rotations of the speed adjusting valve.
   - Turn the speed adjustment screw CLOCKWISE for a SLOWER LATCH arc closing speed.
   - Turn the speed adjustment screw COUNTER-CLOCKWISE for a FASTER LATCH arc closing speed.

CAUTIONS!
Do not turn speed adjusting valve more than two (2) full turns counter-clockwise from its factory set position, as two speed adjusting valves could become dislodged from the door closer body, resulting in the loss of internal fluid and failure of the device.

OPEN CYCLE

These instructions apply to closers equipped with backcheck. To increase backcheck intensity, turn valve marked "BC" clockwise. To decrease backcheck intensity, turn valve marked BC counter-clockwise.

CHART
TO DETERMINE
HAND OF DOOR

Pull Side of Door
Push Side of Door

THIS IS A LEFT HAND DOOR
THIS IS A RIGHT HAND DOOR
Installation Instructions for TOP JAMB (PUSH SIDE) Mounting

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENING.

Left hand door shown
Right hand in opposite
Dimensions are in inches
Do not scale drawing

INSTALLATION INSTRUCTIONS

1. Select door opening and use dimensions shown above, mark four (4) holes on door frame for body and two (2) holes on door leaf for arm shoe.
2. Drill pilot holes in door and frame for #14 all-purpose screws or drill or tap for 1/4-20 machine screw.
3. Install forearm/arm shoe assembly to door using screws provided.
4. Mount closer on frame using screw provided. SPEED ADJUSTING VALVE MUST BE POSITIONED TOWARD HINGE EDGE.
5. Adjust length of the forearm to position forearm at right angle to the door leaf when connected to main arm at elbow. USE WASHER and screw provided to secure pivot connection. Tighten locknut on forearm.
6. Snap pinion cap over shaft at bottom of closer.
7. Adjust closing speed of door. following instructions as shown page 1.
Installation Instructions for REGULAR ARM (PULL SIDE) Mounting

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENING.

Right hand door shown
Left hand in opposite
Dimensions are in inches
Do not scale drawing

INSTALLATION INSTRUCTIONS

1. Select door opening and use dimensions shown above, mark four (4) holes on door leaf for body and two (2) holes on door frame for arm shoe.
2. Drill pilot holes in door and frame for #14 all-purpose screws or drill or tap for 1/4-20 machine screw.
3. Install forearm/arm shoe assembly to door using screws provided.
4. Mount closer on frame using screw provided. SPEED ADJUSTING VALVE MUST BE POSITIONED TOWARD HINGE EDGE.
5. Adjust length of the forearm to position forearm at right angle to the door frame when connected to main arm at elbow. USE Washer and screw provided to secure pivot connection. Tighten locknut on forearm.
6. Snap pinion cap over shaft at bottom of closer.
7. Adjust closing speed of door following instructions as shown page 1.

Top View Typical Installation
Installation Instructions for PARALLEL ARM (PUSH SIDE) Mounting

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENING.

Parallel bracket accessory required

**Size: 2**

**GC802**

**Size: 4**

**GC804**

Left hand door shown
Right hand door shown in opposite
Dimensions are in inches
Do not scale drawing

**INSTALLATION INSTRUCTIONS**

1. Select door opening angle and use dimensions shown above, mark four (4) holes on door leaf for door closer and four (4) holes underside of door frame for parallel of bracket.
2. Drill pilot holes in door and frame to #14 all-purpose screws or drill and tap for 1/4-20 machine screws.
3. Mount closer on door using screws provided SPEED ADJUSTING VALVE MUST BE POSITIONED AWAY FROM HINGE EDGE
4. Install parallel Arm Bracket to frame using screws provided
5. Using a wrench on the square shaft at bottom of closer, rotate shaft approximately 45 degrees toward hinge edge of door. Hold and place main arm of shaft on top of closer at proper index mark as illustrated.
6. Remove arm shoe from fore arm and discard it. Install ROD and of forearm to bracket using screw/washer assembly provided.
7. Adjust length of adjustable forearm so that adjustable forearm is parallel to frame.

**Typical Installation**

Left hand door
Right hand door

**Speed adjust screw**

(A) (B)