

INSTALLATION INSTRUCTIONS FOR 2600 SERIES FLOOR CLOSER

TO SET CONTROL IN FLOOR

Assemble control in cement case with screws provided and block level in position. Top edge of cement case should be 1/16" below floor level when standard floor plate is used. When a threshold is used: the threshold should be blocked in position with the floor closer to insure accurate alignment of the sections.

Center line of the closer spindle must be plumb with center line of the upper pin.

When all member are in proper alignment, including upper pivot, grout cement case into permanent position.

LEVELING SCREWS

For satisfactory door operation it is essential to have floor closer perfectly level. See **Fig. 2**. A leveling screw is provided in each corner of the closer adjacent to the cement case screw. In addition to leveling device, these screws may be used to raise the entire control. **The cement case screws must be loose while this adjustment is made.**

TO SET ARM IN DOOR

See **Fig. 1** and consult template on reverse side as needed. Locate and attach arm plate in bottom of door. If shims are needed, install as shown between arm plate and bottom of door (1/16", 1/8" & 3/16" shims provided). Location of 1/2" diameter arm alignment screw holes in bottom door rail is determined by the accuracy in grouting the cement case and the shims required to provide clearance for threshold or floor plate. This will also determine whether top or bottom set of arm alignment holes are used.

Verify hole location before drilling. Attach arm to door with arm alignment screws and washers, as shown. Locate arm in center of door rail and securely tighten arm alignment screws.

TO HANG DOOR

Retract upper pivot pin. With arm in place, set door on closer spindle. Open door partly and engage upper pivot leaf pin in door pivot leaf by turning retracting screw to lower pivot pin into door leaf. Turn retracting screw as far as possible to make sure pivot pin is securely engaged. Check door operation and, if necessary, adjust in accordance with **DOOR ALIGNMENT & DOOR CLEARANCE ADJUSTMENTS** listed below.

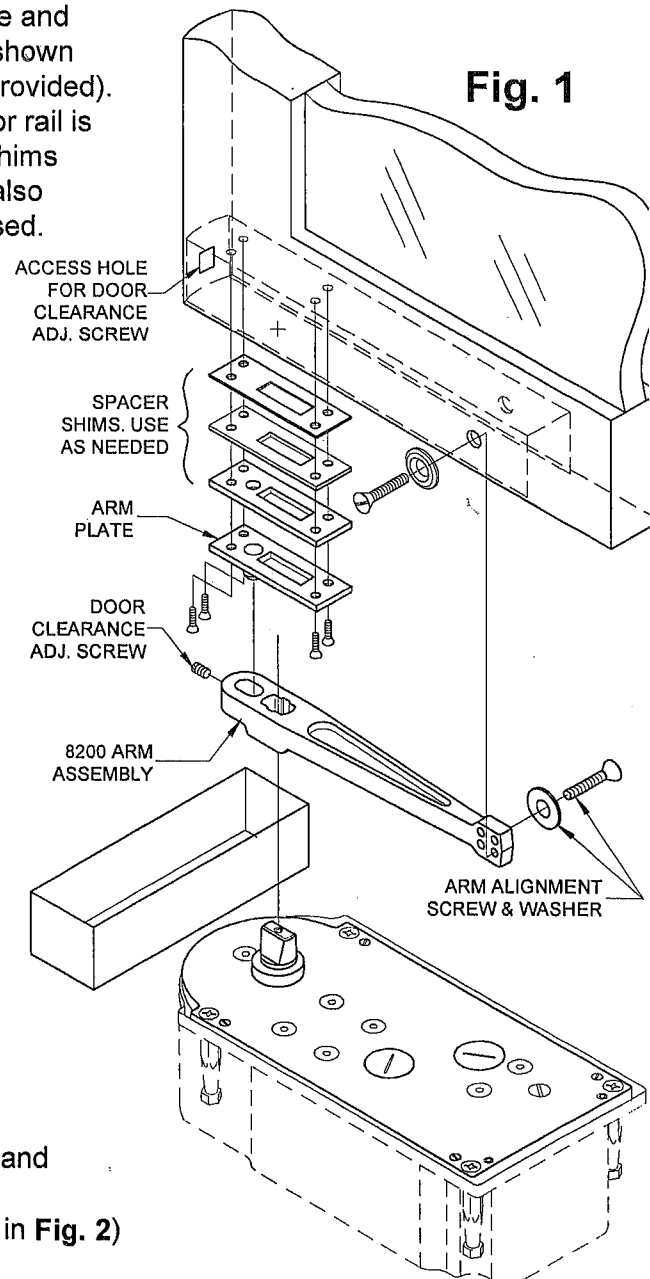
DOOR ALIGNMENT ADJUSTMENTS

Door should swing level and without dragging through entire opening swing. Door edge to jamb clearance can be adjusted with door clearance adjustment screw, shown in **Fig. 1**. Gap between door and frame should be consistent from top to bottom. Insert a flat blade screwdriver into access hole in heel of door and adjust as required. To center door in frame at latched position adjust arm alignment screws, shown in **Fig. 1**, located on both sides of door.

DOOR CLEARANCE ADJUSTMENTS

Door should swing level and without dragging through entire opening swing. Door height can be adjusted two ways:

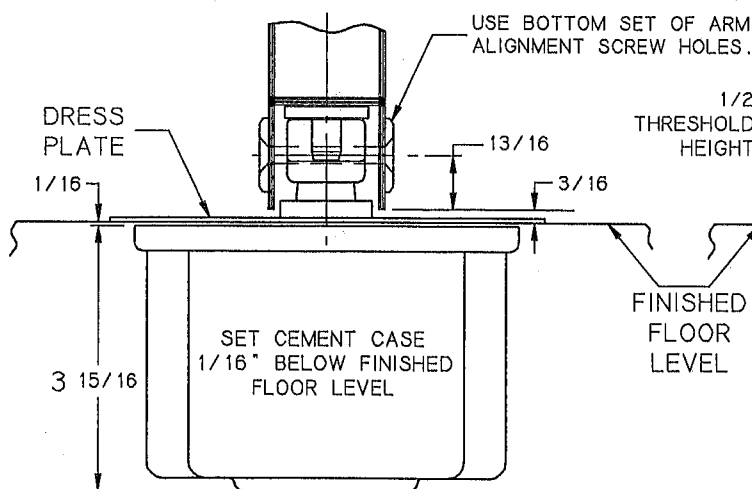
1. Add or remove shims provided to adjust distance between door and floor closer. See **Fig. 1**.
2. Loosen cement case screws and adjust leveling screws (shown in **Fig. 2**) to raise or lower the entire floor closer assembly and door.



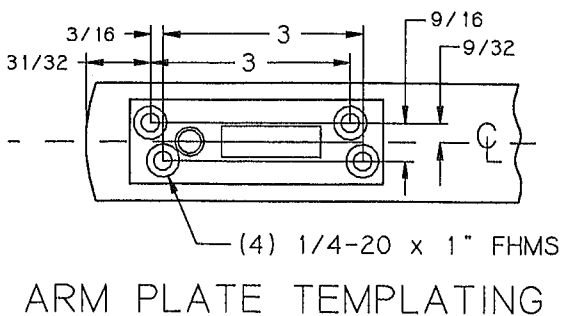
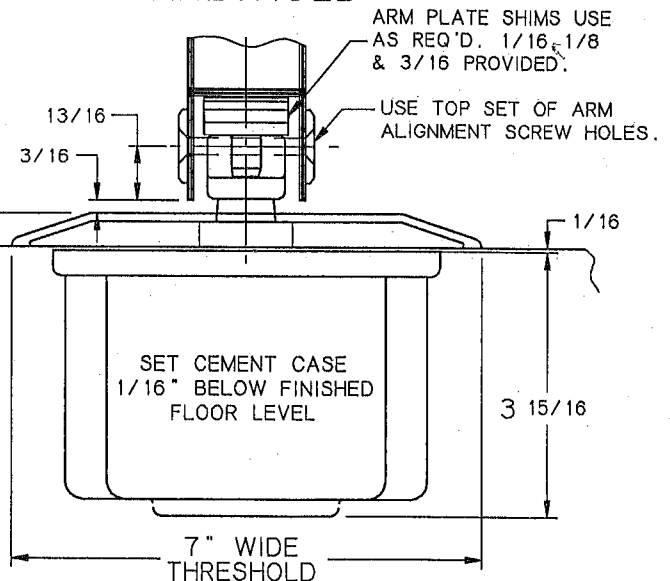
NOTES:

1. INSTALLER MUST VERIFY THAT PIVOT POINT OF TOP PIVOT SET IS ALIGNED WITH PIVOT POINT OF 2600 SERIES FLOOR CLOSER.
2. RADIUS OF HEEL EDGE OF DOOR MUST NOT EXCEED PIVOT POINT TO JAMB DISTANCE. STANDARD 2 5/8" RADIUS SHOWN.
3. SEE # 1125 SERIES PIVOT INST. SHEET FOR TOP PIVOT SET MOUNTING DETAILS.
4. FOR EXTENDED SPINDLES OR OTHER SPECIAL SITUATIONS. CONSULT FACTORY.

**INSTALLATION WITH
DRESS PLATE**

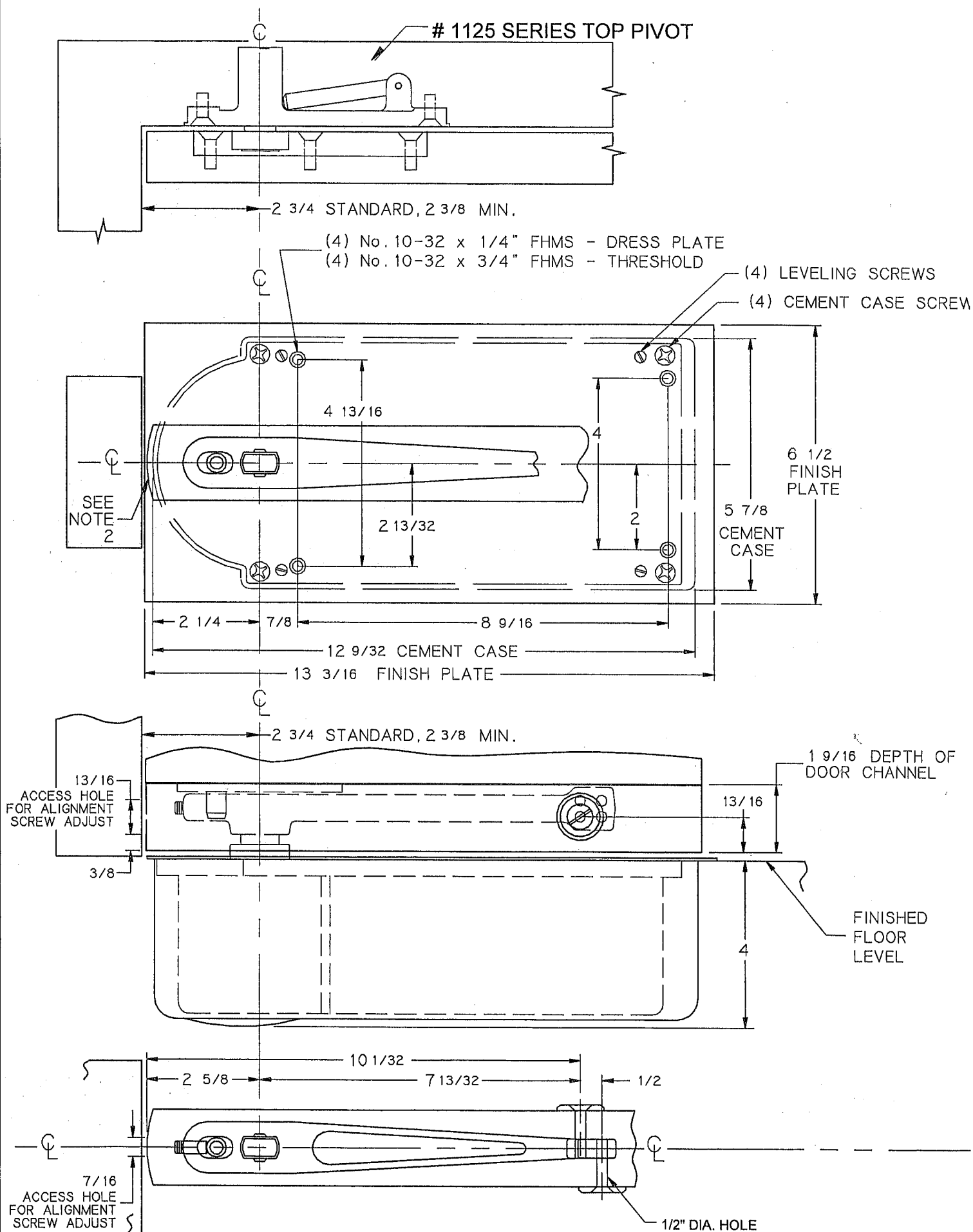


**INSTALLATION WITH
THRESHOLD**

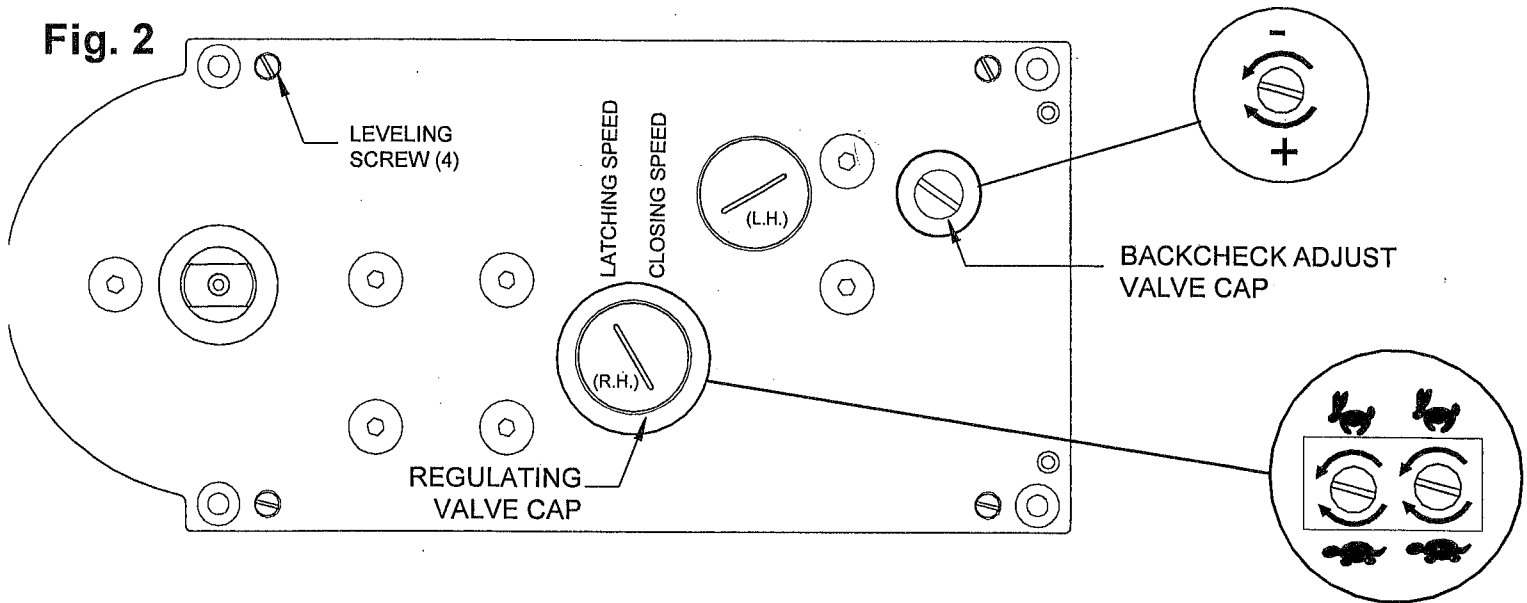


No.	REVISION	BY	DATE
0	NEW TEMPLATE	AMM	7/99

DOR-O-MATIC		APP BY CTB 7/99
CENTER HUNG, SINGLE ACTING FLOOR CLOSER. 90° - 105° SWING / HOLD OPEN		DO NOT SCALE
2600 SERIES		



CLOSER ARM TEMPLATING

Fig. 2

TO ADJUST CLOSING ACTION

The D-O-M 2600 series has a 2 speed door checking action. See **Fig. 2** above for location. The **Closing Speed Valve** controls the closing action to within a few inches of the closed position. The **Latching Speed Valve** controls the final closing action and provides positive control of door latching. It is also designed to prevent the door from slamming into the frame. Adjustments are made by removing cap screws and using a flat screwdriver to adjust the valves. The **Latching Speed Valve should be adjusted first**. Turn the valves clockwise (to the right) to slow door speed. Turn counter-clockwise (to the left) to increase closing speed. See **Fig. 3** for door control diagram. It is recommended that the initial setting after installation be set slightly on the "fast" side. Door speed will slow with repeated use.

TO ADJUST BACKCHECK ACTION

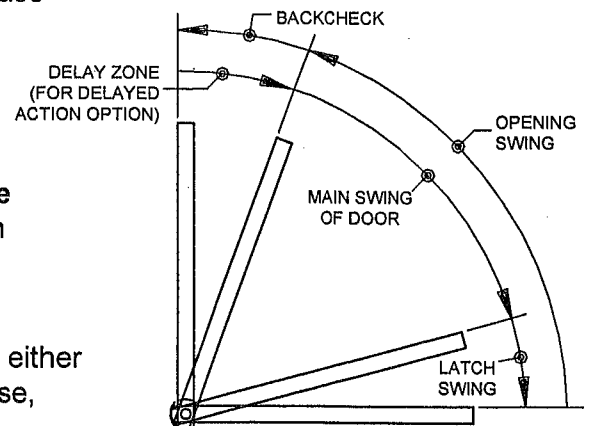
The D-O-M 2600 series has an adjustable hydraulic backcheck feature. This feature slows down the door as it approaches the end of its opening swing, preventing damage to door & frame. Find location in **Fig. 2** above. Remove cap screw and use a flat blade screwdriver to make adjustments. Turn **Backcheck Valve** clockwise to increase backcheck force. Turn counter-clockwise to decrease amount of backcheck force.

OPTIONAL DELAYED ACTION FEATURE

If floor closer was ordered with "DELAYED ACTION" option, delay time can be controlled by adjusting Delay Valve. Use a flat blade screwdriver and turn valve clockwise to **increase** amount of delay time. To **decrease** amount of delay time, turn valve counter-clockwise. See door diagram in **Fig. 3**.

HOLD OPEN OPTION

If product was ordered with the hold open option, hold open will occur at either 90° or 105° of opening. A slight push will put door into hold open. To close, give the door a slight pull.

Fig. 3

CAUTION

IMPROPER INSTALLATION OR REGULATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY.

! IMPORTANT

FOREIGN MATTER IN REGULATION CONTROLS MAY PREVENT NORMAL OPERATION. FOLLOW ALL INSTRUCTIONS CAREFULLY.