INSTALLATION INSTRUCTIONS
MODEL PD2090A

READ THOROUGHLY BEFORE INSTALLING
CAUTION: This device for center hung doors only

INSTALLATION

1. Review the installations shown in figures A through D. Center line of panic device determines location of release.

2. The locking bolt will function as long as it enters the top latch bolt at some point. If it is not possible to line up on the panic device center line, a larger notch may have to be cut in the lock stile of the door to clear the lock latch bolt.

3. Remove bottom rod assembly.

4. A metal filler block must be placed in the top rail at the point of automatic relock switch. This block must be flush with the top of the door (required for the automatic relock switch). Because of variables, this filler block is not supplied by SDC. Notch inside top rail at relock switch.

5. After reinforcement tabs have been installed, attach power leads as shown in wire diagram.

6. Insert lock into mortise and attach with machine screws provided.

SPECIFICATIONS

| Faceplate: 10" x 1-1/2" x 1/8" |
| I.D. Requirements: 10" x 1-1/2" x 1-1/2" |
| Solenoid: Continuous Duty 2 Stage |
| 24 VAC and 24 VDC available |
| Pull-in Coil – 57.6 watt/2.4 amp at 24VDC |
| Holding Coil – 8.4 watt/.35 amp at 24VDC |
| Bolt: Beveled stainless steel 1/2" diameter x 1/2" throw |

TROUBLESHOOTING

| Problem | Solution |
| Top latch will not stand up. | Adjust top latch. |
| Bolt will not retract. | Check voltage at lock. Check rating of transformer. Check for cracks in switch on side of lock body. |
| Bolt projects too soon. | Adjust auto relock switch |
| Bolt projects when door is open. | ARS has been bypassed. Check wiring. |
TYPICAL INSTALLATION FOR PANICLOCK

FIG. A

FIG. B

NOTCH INDICATED BY 3/4" X 1/4"
DIMENSION IS REQUIRED TO DELAY
ACTION OF RELOCK SWITCH UNTIL DOOR
IS WITHIN 1/8" OF CLOSED POSITION.

FIG. C

BROKEN LINES INDICATE REINFORCEMENT TABS

FIG. D

CENTER LINE OF PANIC TOP
LATCH

1-1/8"

3/8"

DOR-O-MATIC
DEVICE NO. 990
NO. 1190 AND KAWNEER

VIEW OF UNDERSIDE OF HEADER
(CUT-OUT DETAIL.)