

Every installation is unique. Before starting, please check to ensure that the procedures recommended will not damage the door upon which this product is to be used. Digital Systems, Inc. is not responsible for damage caused by installation.



#### PARTS LIST:

- |                        |                            |
|------------------------|----------------------------|
| 1. Outside Body        | 1 each                     |
| 2. Escutcheon, rubber  | 1 each                     |
| 3. Spacer for body     | 1 each                     |
| 4. X Spindle, 85mm     | 1 each                     |
| 5. Spindle, 85mm       | 1 each                     |
| 6. Screw, M4 x 30mm    | 2 each (1 3/8" - 1 3/4")   |
| 7. Screw, M4 x 30mm    | 2 each (1 13/16" - 2 1/4") |
| 8. Wafer, blue         | 2 each                     |
| 9. Wafer, red (active) | 2 each                     |
| 10. Washer, flat       | 2 each                     |
| 11. Washer, finishing  | 1 each                     |
| 12. Tweezer            | 1 each                     |

#### OPTIONAL ACCESSORIES:

M5 x M5 mounting posts  
and screws

Spanner head stainless steel  
tamper resistant machine  
screws

Over Sized Knob

#### HANDING:

This panic exit device is ready for clockwise or counterclockwise operation. It must, however, be calibrated for use with the specific panic exit device.

#### SPINDLE:

First, insert the X Spindle into the "+" cam or the regular spindle into either the "-" or "I" type cam of the panic exit device. Turn the SPINDLE and observe the cam. If the cam has "freeplay" before engaging the latch (e.g.: Von Duprin 99), proceed to the installation. If the cam is "rigid: and the latch begins to retract immediately (e.g.: Von Duprin 88, JPM 90 series (bi directional); Monarch 19R (mono-directional), the SPINDLE GEAR MECHANISM **must be adjusted** for proper alignment.

The SPINDLE GEAR MECHANISM can be seen on the back operation portion of the lock, located above the lower mounting post. The two "points" are at 3 and 9 o'clock. Adjust the SPINDLE GEAR MECHANISM as follows.

1. Press the "C" (clear) button which will seat the wafers.
2. Place the lock on a flat surface with the back of the lock facing up. It is advisable to place a soft cloth underneath the lock to avoid scratching the finish.
3. Remove the upper and lower HEXAGON MOUNTING POSTS.
4. Remove the three SILVER screws with a #1 Phillips screwdriver (one at the top left and two on either side of the bottom).
5. **CAREFULLY** pry the lower portion of the locking mechanism out of the housing 1/2" or just enough to be able to rotate the outside knob without disturbing the push button springs, etc.
6. Rotate the SPINDLE GEAR MECHANISM by using the outside knob so that the two "points" are