**STEP 1: PREP TRIM DEVICE**

Install tailpiece for RIM, SVR or input shaft for MORTISE

**NOTE:** Mortise cylinder NOT supplied with trim, but can be ordered separately.

### Hardware Parts
- Cylinder Plate: P/N: 100754
- Hex Nut: P/N: 100783
- Short Collar: P/N: 100875
- Cylinder: P/N: 100291-X

### Installation Steps
1. **Installing Mortise Cylinder**
   - For RIM / SVR device, install tailpiece: P/N: 101475
   - For MORTISE device, install hour shaft: P/N: 103218

2. **For Fail Secure Trim**
   - SLIDE locking bar to unlock lever, then: ROTATE lever as shown in Step 6 below

3. **Follow steps a thru f in order**

---

**STEP 4: ROUTING WIRES THROUGH DEVICE**

Wires can be routed through device or door

**NOTE:**
1. Detex recommends the power supply to located within 15 feet of the device.
2. Detex recommends using minimum 20 GA wire for power.
3. Current draw: 24VDC = 150 mA; 12VDC = 250 mA

**Instructions:**
- **a** LOOSEN set screw with 3/32 hex wrench. Do NOT remove.
- **b** SLIDE extrusion away from pushpad assembly
- **c** ROUTE wires through extrusion
- **d** Fail-Secure=Black or Blue spiral tubing
- Fail-Safe=Red or Yellow spiral tubing
- **e** CONNECT solenoid and harness wires
- **f** Insert excess wires into door or TRIM excess wires
- **g** Installation Continuation: SLIDE extrusion back to pushpad assembly
- **h** Tighten set screw with 3/32" hex wrench
**STEP 2a: PREP DOOR (Rim & SVR)**
Mark & Drill holes

**NOTES:**
1) For a retrofit application, remove lock and device before installing new trim.
2) LHR installation shown (Reverse all steps for RHR).

### (Metal Doors Only)

<table>
<thead>
<tr>
<th>Device Side</th>
<th>Trim Side</th>
<th>Trim &amp; Device Side</th>
<th>Trim Side ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole &quot;a&quot;</td>
<td>5/16&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>Hole &quot;c&quot;</td>
<td>5/16&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>Hole &quot;d&quot;</td>
<td>5/8&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>Hole &quot;g&quot;</td>
<td>5/8&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>

### (Wood Doors Only)

<table>
<thead>
<tr>
<th>Device Side</th>
<th>Trim Side</th>
<th>Trim &amp; Device Side</th>
<th>Trim Side ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole &quot;a&quot;</td>
<td>5/16&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>Hole &quot;c&quot;</td>
<td>5/16&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>Hole &quot;d&quot;</td>
<td>5/8&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>Hole &quot;g&quot;</td>
<td>5/8&quot;</td>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>

**MARK HOLES**
- 5/16" diameter
- 5/8" diameter
- 3/4" diameter
- 2" diameter

**DRILL HOLES**
- Device Side
- Trim Side

**STEP 2b: PREP DOOR (Mortise)**
Use plastic template to mark and drill TRIM holes

**MARK HOLES**
- Mark centerline for trim
- 40" above finished floor

**DRILL HOLE**
- Device Side
- Trim Side

**STEP 3a: INSTALL TRIM DEVICE (Rim & SVR)**
Install TRIM for Rim & SVR Device

**STEP 3b: INSTALL TRIM DEVICE (Mortise)**
Install TRIM for Mortise Device

**NOTE:**
1) Mortise lock NOT supplied with TRIM device.

**ROUTE wires & connector thru this hole**
- INSTALL backplate with (4) 1/4-20 x 1" screws

**ROUTE wires & connector thru this hole**
- INSTALL backplate with (4) 1/4-20 x 1" screws

**TRIM INSTALLATION COMPLETE**
Continue installation using device instructions.