Cable Latch Systems

Glassmaster Controls Cable Latch Systems:
- Drawer applications: Allows locking/unlocking at multiple locations along drawer travel.
- Hinged door applications: Allows door locking/unlocking at closed and/or open positions. Use with gas springs for trunk-like operation.
- Glassmaster Cable Latch Systems have been in use for over 20 years for trucking, automotive, and marine applications.

Advantages Over Rigid Linkages:
- Flexible – can be routed around obstructions & still operates after damage that would permanently bend a rigid linkage.
- Remote placement of actuation handle, not limited to straight line from handle.
- Ability to control latches in different locations from one handle.

Purchase Cable Latch Systems at www.gcontrols.com

Features:
- Single, Double or Triple Cable Systems.
- Adjustability: Plunger Pin distance from striker plate can be adjusted forward or back, as needed. Side-to-side adjustability using a slotted striker plate opening.
- Stand-alone mating striker plates, or striker detail can be stamped directly into side rail.

Ideal for Lock/Release Systems:
- Vehicle interior and exterior latching.
- Storage compartments.
- Access panels.
- Doors and Gates.
- Heavy-duty drawer and shelving systems.

Glassmaster Controls 831 Cobb Avenue Kalamazoo, MI 49007 Tel:(269) 382-2010 www.gcontrols.com Email: request@gcontrols.com
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**LINEAR (drawer) and ANGULAR (door) application examples:**

**LINEAR (drawer-type) Example: 2-Locking Positions**
(pin/cable moves, fixed striker plates):

1. Pin is in locked position & is released by pulling handle (not shown).
2. Pin contacts the striker plate ramp & partially recesses back into the threaded housing.
3. Pin is fully pushed out by internal spring.
4. Pin contacts the striker plate ramp & partially recesses back into the threaded housing.
5. Pin is in locked position & is released by pulling handle (not shown).

**ANGULAR (door-type) Example: 1-Locking Position**
(fixed pin/cable, striker plate on rotating door):

1. Door closing as striker plate ramp contacts pin, partially recessing pin back into the threaded housing.
2. Door closed with pin in locked position. Pin is released by pulling handle (not shown). Optional gas spring assist can push door back open.
### Cable Latch Systems

Dimensions & Materials for Pin/Housing Config. #1, Standard 3A4973-series Double Cables & 3A4974-series Single Cables:

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No. 1</th>
<th>Part No. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin Latch</td>
<td>250490000</td>
<td>250490000</td>
</tr>
<tr>
<td>Housing</td>
<td>250490000</td>
<td>250490000</td>
</tr>
<tr>
<td>Double Cable</td>
<td>250490000</td>
<td>250490000</td>
</tr>
<tr>
<td>Single Cable</td>
<td>250490000</td>
<td>250490000</td>
</tr>
</tbody>
</table>

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**NOTE**: Cable ends to help hold pin for full test, conduit end to hold cables for full test.

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**IATF 16949 CERTIFIED**
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**PIN & HOUSING CONFIGURATIONS:**

1. **5M4986** Thd’d Housing, Short
   - .50” Travel.
   - .348 PIN DIA.
   - Carbon steel pin & threaded housing, both zinc plated.

2. **5M4988** Pin, Short
   - .348 PIN DIA.
   - .062
   - 1.38
   - 1.95
   - 1/2-20 THDS
   - .25 TYP.
   - .25 TYP. CONDUIT THREADS
   - 1/2-20 THDS
   - FIXED FACENUT
   - 45°

3. **5M4986** Thd’d Housing, Short
   - 62” Travel.
   - .348 PIN DIA.
   - Carbon steel pin & threaded housing, both zinc plated.

4. **5M4926** Thd’d Housing, Long
   - .50” Travel (+.25” into threaded housing = .75” total)
   - Stainless steel pin and zinc plated threaded housing.

5. **5M4986** Thd’d Housing, Short
   - .75” TRAVEL
   - .348 PIN DIA.

6. **5M4738** Thd’hui Housing, Brass
   - .375” TRAVEL
   - Stainless steel pin & black zinc plated brass threaded housing.
   - Stainless & brass components at handle end. Uses 5M4754 stainless L-brackets.