MUTO Premium
XL80 Telescopic - Ceiling Mount
with moving floor guide
Dormotion (DM) optional

Installation instructions
936042 – 03-2018
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4.20 Secure system cover and system end caps
1 Technical specifications

1.1 Overview

These instructions are for installation of MUTO Premium XL80 Telescopic panels for the following mounting and style versions:

1. Ceiling mount

1.1.1 General information
• dormakaba requires use of tempered laminated or tempered monolithic glass.
• dormakaba glass hardware is not suitable for harsh environment; for example, applications where chemicals (e.g. chlorine) are used such as indoor swimming pools, saunas, or salt-water pools.
• Never move sliding panels faster than walking speed and always stop the door manually before it reaches end position.
• Do not slide doors with excessive force. Ensure proper installation of limiting stop to prevent door from opening too far.

1.1.2 Intended use
• For sliding doors in dry indoor areas only.
• For manual slow opening and closing only.

1.1.3 Glass requirements/fittings/mounting
• The substructure/wall must be able to bear permanent loads, be level (max. tolerance: 1/16" [2] per 39" [1m]).
• Fasteners must be sufficiently dimensioned for the substructure/wall and weight of the door.
• When adjusting glass components, always stick to the required clearance for the respective hardware. Adjust clearance so glass does not come in contact with any hard surfaces such as glass, metal or concrete.
• Do not use excessive force when installing the glass (avoid over tightening screws.)

1.1.4 Requirements for glass panel
• dormakaba requires use of fully tempered glass, which complies with ASTM C 1036 and ASTM C 1048. Secondary heat soaking processes are recommended but not required. This applies to both tempered monolithic and tempered laminated glass.
• Clamping area must be flat and uncoated (no self-cleaning coating!)
• Never use glass with conchoidal fractures and/or damaged edges.

1.1.5 Safety instructions
• Installation requires two people.
• Always wear protective clothing.

1.1.6 Symbols used - Safety/Installation

CAUTION
Mounting components must meet the requirements of substructure/wall and door weight. Please read the technical information for fittings.

WARNING
Risk of breaking glass. When installing the door, support the door panel with a block of wood or similar object.

1.1.7 Maintenance, care, repair
• Immediately replace damaged parts.
• Always use original dormakaba parts.
• Clean clamping area with alcohol-based standard commercial cleaning agent before mounting the glass hardware.
• Use a damp cloth for occasional cleaning.
• Always use silicone - and oil-free cleaners (e.g. acetone).
• Check glass hardware at regular intervals for proper positioning, smooth operation and correct adjustment.
• High traffic door systems require inspection by properly qualified staff (specialized companies or installation firms.)

1.1.8 Disposal
Disposal in accordance with local, state and national regulations.
1.2 Specification - technical data

<table>
<thead>
<tr>
<th></th>
<th>2 panels</th>
<th>4 panels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>XL80 Telescopic</td>
<td>XL80 Telescopic</td>
</tr>
<tr>
<td>Ceiling mount</td>
<td>Door leaf weight lbs [kg] *</td>
<td>2 x ≤176lbs (2 x ≤80)</td>
</tr>
</tbody>
</table>

* Including weight of auxiliary hardware.

LEGEND
SMP  Slow moving panel
QMP  Quick moving panel

1.3 Tempered laminate glass (TLG) and adhesive specifications

<table>
<thead>
<tr>
<th>Required parts for laminate glass with MUTO System (not included)</th>
<th>Color</th>
<th>Part Number</th>
<th>Quantity</th>
<th>Usage recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M™ Scotch-Weld™ Urethane Adhesive, DP 605 NS</td>
<td>off white</td>
<td>934.800</td>
<td>1 tube</td>
<td>1 tube per 4 roller carriers</td>
</tr>
<tr>
<td>3M™ Scotch-Weld™ EPX™ Plus II Applicator with 1:1 Plunger ²</td>
<td></td>
<td>934.801</td>
<td>1 applicator</td>
<td>1:1 plunger with 934.800 adhesive</td>
</tr>
<tr>
<td>3M™ Scotch-Weld™ EPX™ Plus II Mixing Square Nozzle, 5.3mm ³</td>
<td>gold</td>
<td>934.805</td>
<td>Pk of 4</td>
<td>4 nozzles per 1 tube of adhesive</td>
</tr>
<tr>
<td>MUTO TLG gasket set</td>
<td></td>
<td>807.640</td>
<td>1 set</td>
<td></td>
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</table>

Handling time frame

<table>
<thead>
<tr>
<th>Function</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working life (time between application and clamping of carrier)</td>
<td>5 minutes @ 75°F</td>
</tr>
<tr>
<td>Handling strength</td>
<td>20 minutes @ 73°F or more</td>
</tr>
<tr>
<td>Full cure time (normal door usage not recommended until full cure time has been met)</td>
<td>48 hours @ 73°F or more</td>
</tr>
</tbody>
</table>

NOTE: Door glass should not be installed until the full cure time has been reached (see chart above).

1.1 Clean clamping area with alcohol-based standard commercial cleaning agent before mounting the glass hardware.

1.2 Never clamp metal fitting hardware directly to glass surface.

1.3 Never use clamping products on surfaces with self-cleaning coatings.

2 Scotch-Weld™ EPX™ Plus II Applicator with 1:1 Plunger is a trademark of 3M.
3 Scotch-Weld™ EPX™ Plus II Mixing Square Nozzle is a trademark of 3M.
2 Installation preparation

1. Cover
2. Brush strip
3. Quick Moving Panel track
4. End stops (x4)
5. Slow Moving Panel track
6. Track end caps (x2)
7. Cover clips
8. Start/stop (x2) (optional)
9. Cover profile for Slow Moving Panel
10. Cover profile for passage
11. SMP Roller carriers (x2)
12. Dormotion unit (optional)
13. Simultaneous drive
14. Floor guide
15. Moving floor guide
16. Quick Moving Panel clamp
17. QMP Roller carriers (x2)
18. QMP glass clamp end caps (x2)
2.2  Door/wall dimensions

2 panel - Right (shown) or Left hand opening

4 panel - Bi-parting opening
3 Installation instructions - Slow moving panel (SMP)

3.1 Installing end stops in SMP

3.1.1 Slide end stops into each end of the SMP track. NOTE: Loosen bottom section of end stop for easier install.

NOTE: Exact location/adjustments will be determined in the Adjustment End Stop Location step.

3.2 Specifications for securing track to mounting surface

3.2.1 Ensure track is properly level and secure it to the header mounting surface per the appropriate measurements on the prior page.

NOTE: SEE DIMENSION INSTRUCTIONS ON PRIOR PAGE FOR REFERENCE.

NOTE:
OVERHEAD REINFORCEMENT:
The overhead reinforcement must be a minimum of ¼\" [6] x 3\" [76] steel angle, 16 gauge metal stud with wood blocking, or two pieces of 1-1/2\" [38] thick wood blocking (double stacked), secured to studs or joists on a maximum 16\" [406] centers for the length of the track. The overhead reinforcement may be flush on the overhead surface or on the interior of this surface.

3.2.2 Use appropriate fasteners according to the following recommendations.

Track mounting screws must fully penetrate the steel angle, metal stud, or at a minimum of 2\" [51] into wood blocking, utilizing the predrilled holes in the MUTO track.

Consult with a structural engineer to determine if reinforcement is adequate for your specific application or to meet specific codes in your location.
### 3.3A Installing roller carriers: on SMP tempered monolithic glass ONLY

**Fig 3**

**Note:** Fully clean surface of glass with an alcohol-based mild glass and surface cleaner. 

**Ensure gasket is free of debris.** 

**Ensure roller carrier wheels are free of debris.**

<table>
<thead>
<tr>
<th>Torque values</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>XL80</strong></td>
<td>5 ft lbs [6Nm]</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Hex key size</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>XL80</strong></td>
<td>3mm</td>
</tr>
</tbody>
</table>

**Roller location on glass**

<table>
<thead>
<tr>
<th></th>
<th><strong>XL80</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>SMP X</td>
<td>2-3/8&quot; [60]</td>
</tr>
<tr>
<td>SMP Z</td>
<td>2-3/8&quot; [60]</td>
</tr>
</tbody>
</table>

**Legend**

- Closing edge of door

---

3.3A.1 Slide SMP roller carriers onto glass. 

3.3A.2 Slide glass gasket and metal shim between glass and roller carrier. 

**Note:** Orient with gasket facing the glass.

3.3A.3 Secure roller carriers to glass at 5 ft lbs (6 Nm).
3.3B Installing roller carriers: on SMP tempered laminate glass ONLY

Fig 4

DETERMINE THE LEADING (X) VERSUS TRAILING (Z) EDGE OF THE GLASS. "LEADING IS SIDE CLOSEST TO LATCH CLOSED."

*ENSURE CARRIERS ARE SECURED TO CORRECT END OF GLASS.*

NOTE: THE RECOMMENDED ADHESIVE’S SET-UP TIME IS 20 MINUTES FOR THE DUO-PAK CARTRIDGES.

NOTE: USE 1:1 RATIO PLUNGER WITH THE 3M™ Scotch-Weld™ Urethane Adhesive.

NOTE: FULLY CLEAN SURFACE OF GLASS WITH AN ALCOHOL-BASED MILD GLASS AND SURFACE CLEANER. ENSURE NO DEBRIS IS ON THE GASKET.

ENSURE ROLLER CARRIER WHEELS ARE FREE OF DEBRIS.

3.3B.1 Slide SMP carriers onto glass.
3.3B.2 Replace existing gasket with TLG gasket.
3.3B.3 Slide laminated glass gasket and metal shim between glass and roller carrier.

NOTE: Orient with gasket facing the glass.

3.3B.4 Relace existing set screws with vented set screws.
3.3B.5 Tighten vented set screws at 4 ft lbs (5Nm).

NOTE: Onto scrap material, first dispense approximately 12” of 3M™ Scotch-Weld™ Urethane Adhesive prior to application to prevent mixing errors and ensure optimal hardening.

3.3B.6 Dispense into vented set screws on both sides of carrier.

Stop application when adhesive can be seen past end of roller carrier.

DO NOT WIPE any excess adhesive from glass surface. Allow adhesive to dry and scrape off glass surface with a beveled-edge chisel or putty knife.

NOTE: Keep glass flat during curing process.

NOTE: See chart in Specifications section for appropriate curing time.

Torque values

<p>| | |</p>
<table>
<thead>
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<th></th>
<th></th>
</tr>
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<tbody>
<tr>
<td>XL80</td>
<td>4 ft lbs [5Nm]</td>
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Hex key size

<p>| | |</p>
<table>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>XL80</td>
<td>3mm</td>
</tr>
</tbody>
</table>

Roller location on glass

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>SMP</td>
<td>X</td>
</tr>
<tr>
<td>SMP</td>
<td>Z</td>
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</table>

Legend

Closing edge of door

(Back of) Glass

3M™ Scotch-Weld™ EPX™ Plus II Applicator

Stop when adhesive can be seen past end of roller carrier.

(Back of) Glass

(Front of) Glass

(Front of) Glass

3-3B.6 Dispense into vented set screws on both sides of carrier.

Stop application when adhesive can be seen past edge of roller carrier.

DO NOT WIPE any excess adhesive from glass surface. Allow adhesive to dry and scrape off glass surface with a beveled-edge chisel or putty knife.

NOTE: Keep glass flat during curing process.

NOTE: See chart in Specifications section for appropriate curing time.
3.4 Adjust roller carrier wheels

Fig 5

3.4.1 If more clearance is required between wheel and track, adjust accordingly.

3.4.2 Loosen wheel adjustment screw.

3.4.3 Slide wheel up or down to adjust.

3.4.4 Retighten wheel adjustment screw.

3.5 Disengage the anti-jump

Fig 6

3.5.1 Disengage the anti-jump on SMP roller carrier.

3.5.2 Using a hex key, push anti-jump adjustment screw IN and turn COUNTER-CLOCKWISE 90° to disengage anti-jump.
3.6 Assemble simultaneous drive

3.6.1 Assemble cable as shown above in Figures 1-4.
3.6.2 Measure and cut cable.
   \[
   \text{Cable length} = (\text{SMP door width} \times 2) + 39" \quad [991]
   \]

3.6.3 Loop cable assembly around SMP carriers as shown.

3.6.4 After cable is looped around, feed free-end through open side of bracket.
3.6.5 Secure free-end of cable inside bracket.
   • Fully tighten to 2ft lbs [3Nm].
3.6.6 Fully tension cable via nut on inside of bracket.
   • To tighten: rotate wrench \text{CLOCKWISE}.
3.6.7 Tighten outside nut to lock into place.
   • To tighten: hold inside nut with one wrench, rotate second wrench on outside nut \text{COUNTER-CLOCKWISE}.

Legend

- Closing edge of door

Wrench size

| XL80 | 5.5mm C-wrench |

Hex key size

| XL80 | 2mm, 5mm |

NOTE: MANUALLY DOUBLE CHECK CABLE LENGTH BEFORE CUTTING.

ENSURE BRACKET IS CENTERED ON TRAILING CARRIER.
3.7 Secure moving floor guide

Fig 8

<table>
<thead>
<tr>
<th>Plate #1</th>
<th>Plate #2</th>
<th>Plate #3 (Adhesive gasket)</th>
<th>Plate #4</th>
<th>Fasteners</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate #1</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plate #2</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plate #3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Plate #4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Hex key size

XL80 2mm, 5mm

* Right hand floor guide shown.*

Plate #1/#2

Plate #3 (Adhesive gasket)

*Ensure adhesive side faces up; towards Plate #1/#2.*

Plate #4

3.7.1 Secure moving floor guide to SMP.
3.7.2 Use chart to determine appropriate plate(s) needed for glass thickness.
3.7.3 Orient as shown.
3.8 Install glass/rollers in SMP track

**Fig 9**

*ENSURE ROLLERS AND TRACK ARE FREE OF DEBRIS.*

3.8.1 Place SMP glass on setting blocks on floor for stability.
3.8.2 Lift glass and SMP rollers up and rest rollers on SMP track.

*If installing/hanging tempered laminated glass panels, ensure carrier adhesive has cured for 48 hours minimum. See Specifications section for more information regarding cure time.*

---

3.9 Install floor guide

**Fig 10**

3.9.1 Slide door fully open.
3.9.2 Align centerline of glass with centerline of floor guide.
3.9.3 Be sure the glass is plumb.
3.9.4 Mark appropriate floor guide measurements.

**CAUTION ANTI-JUMP IS DISENGAGED!**

3.9.5 TEMPORARILY REMOVE GLASS AND ROLLERS FROM TRACK.
    Pre-drill into mounting surface using a 5/16” drill bit.
3.9.6 Secure floor guide anchor with included fasteners.

---

**SMP track**

**Floor guide**

**Floor guide anchor**

**Hex key size**

| XL80 | 3mm |

*If installing/hanging tempered laminated glass panels, ensure carrier adhesive has cured for 48 hours minimum. See Specifications section for more information regarding cure time.*
3.10 Install floor guide: continued

3.10.1 SET GLASS AND ROLLERS BACK ONTO TRACK.

3.10.2 Slide floor guide over floor guide anchor and tighten with set screws.

3.10.3 Remove setting blocks.

NOTE: Be sure glass is centered in floor guide. Adjust using set screws.

3.11 Engaging anti-jump

3.11.1 Engage anti-jump on roller carrier.

3.11.2 Using a hex key, push anti-jump adjustment screw IN and turn CLOCKWISE 90° to engage anti-jump.

3.12 Adjustment door height

3.12.1 Set height of glass door.

3.12.2 Loosen height adjustment locking screws on carrier.

3.12.3 Using appropriate size hex key, turn height adjustment screw CLOCKWISE or COUNTER-CLOCKWISE to raise or lower glass.

NOTE: Be sure glass is level during this adjustment.
3.13 Adjustment end stop location: LEADING end stop

**Fig 14**

### SET END STOP LOCATION: LEADING EDGE

- **End stop location:** LEADING EDGE
- **Door closed:**
  - SMP end stops
  - Bumper
  - End stop
  - Edge of roller carrier

**Set end stop location:**

- 3.13.1 Slide end stop to desired location on track. Bumper should touch edge of roller carrier.

**Legend:**
- Closing edge of door

**Secure**
- Hand tighten
- Hex key size: XL80 2.5mm
- XL80 torque: 2 ft lbs [3 Nm]

**NOTE:** Bi-folding: Be sure there is a 1/4" [6] gap between the right and left hand sets.

---

**Fig 15**

### SET END STOP LOCATION: TRAILING EDGE

- **End stop location:** TRAILING EDGE
- **Door open:**
  - SMP end stops
  - Bumper
  - End stop
  - Edge of roller carrier

**Set end stop location:**

- 3.13.1 Slide end stop to desired location on track. Bumper should touch edge of roller carrier.

**Legend:**
- Closing edge of door

**Safe**
- Hand tighten
- Hex key size: XL80 2.5mm
- XL80 torque: 2 ft lbs [3 Nm]

**NOTE:** Bi-folding: Be sure there is a 1/4" [6] gap between the right and left hand sets.
4 Installation instructions - Quick moving panel (QMP)

4.1 Installing end stops in QMP

Fig 16

4.1.1 Slide end stops into each end of the QMP track. **NOTE: Loosen bottom section of end stop for easier install.**

**NOTE: Exact location/adjustments will be determined in the Adjustment End Stop Location step.**

4.2 Connecting the doors via the cable bracket

Fig 17

4.2.1 Push both door panels towards the closing edge.

4.2.2 Secure cable bracket with two fasteners through the QMP track at 2 ft lbs [2.5Nm].
4.3 Securing track for QMP

Fig 18

4.3.1 Secure QMP track to SMP track.

4.3.2 Secure included fasteners at 2 ft lbs [2.5Nm].
4.4 Secure clamp profile for QMP

Fig 19

NOTE: FULLY CLEAN SURFACE OF GLASS WITH AN ALCOHOL-BASED MILD GLASS AND SURFACE CLEANER.

4.4.1 Add glass gaskets. Trim to proper length.
4.4.2 Secure glass clamp profile to QMP glass.
4.4.3 Tighten all fasteners at 4ft lbs [5Nm].
   • Do not overtighten pressure plate against glass.
   • Start at center of profile and work outwards.

4.5 Install hook set (less Dormotion)

Fig 20

4.5.1 With rollers facing away from the installer, determine which roller will be leading and which will be trailing.
4.5.2 Secure hook onto roller with open side facing away from the installer.
4.5.3 Secure hook using appropriate-size hex key.
4.6 Installing roller carriers

**Fig 21**

**CAUTION:** DETERMINE THE LEADING (X) VERSUS TRAILING (Z) EDGE OF THE GLASS. "LEADING IS SIDE CLOSEST TO LATCH CLOSED."

*CARRIER WITH CABLE CLAMP TO BE SECURED TO TRAILING SIDE OF GLASS.*

### Torque values

<table>
<thead>
<tr>
<th>Torque values</th>
<th>XL80 5ft lbs [6Nm]</th>
</tr>
</thead>
</table>

### Roller location on glass

<table>
<thead>
<tr>
<th>Roller location on glass</th>
<th>XL80</th>
</tr>
</thead>
<tbody>
<tr>
<td>QMP X</td>
<td>3-1/8&quot; [80]</td>
</tr>
<tr>
<td>QMP Z</td>
<td>1-9/16&quot; [40]</td>
</tr>
</tbody>
</table>

### Legend

- Closing edge of door

**NOTE:** FULLY CLEAN SURFACE OF CLAMP PROFILE WITH AN ALCOHOL-BASED MILD GLASS AND SURFACE CLEANER.

**NOTE:** ENSURE GASKET IS FREE OF DEBRIS.

**NOTE:** ENSURE ROLLER CARRIER WHEELS ARE FREE OF DEBRIS.

4.6.1 Slide QMP roller carriers onto clamp profile.

4.6.2 Slide gasket and metal shim between clamp profile and roller carrier.

4.6.3 Secure roller carriers to clamp profile at 5 ft lbs (6 Nm).

**NOTE:** Orient with gasket facing the clamp profile.
4.7 Installing DORMOTION unit (optional)

**4.7.1** Slide DORMOTION dampener onto clamp profile. 
**NOTE:** Push triggers facing outward to engage.

**4.7.2** Dampener must be flush against leading roller carrier. 
**NOTE:** Leading carrier is on side of glass closest to latch.

**4.7.3** Secure dampener to clamp profile using appropriate-size hex key at 4 ft lbs [5Nm].

**4.7.4** Engage triggers: push out towards end of DORMOTION unit.

4.8 Disengaging the anti-jump

**4.8.1** Disengage the anti-jump on roller carrier.

**4.8.2** Using the appropriate size hex key, push anti-jump adjustment screw IN and turn COUNTER-CLOCKWISE $90^\circ$ to disengage anti-jump.
4.9 Install glass/rollers in QMP track

Fig 24

**ENSURE ROLLERS AND TRACK ARE FREE OF DEBRIS.**

4.9.1 Place QMP glass on setting blocks on floor for stability.
4.9.2 Lift glass and QMP rollers up and rest rollers on track.

![Diagram of QMP track and anti-jump](image)

4.10 Engaging anti-jump

Fig 25

4.10.1 Engage anti-jump on roller carrier.
4.10.2 Using a hex key, push anti-jump adjustment screw IN and turn **CLOCKWISE** 90° to engage anti-jump.

**Hex key size**

| XL80 | 3mm |

ENSURE ROLLERS AND TRACK ARE FREE OF DEBRIS.
4.11 Align the cable

4.11.1 Slide SMP arm bracket over top of the QMP carrier clamp bracket.

4.11.2 Jump the arm bracket over the clamp bracket to align cable with clamp bracket.
4.12 Adjustment end stop location: LEADING end stop

**Fig 27**

- **Set end stop location:**
  - Adjust the end stop to the desired location on the track.
  - The bumper should touch the edge of the roller carrier.

- **XL80 torque:**
  - 2 ft lbs [3 Nm]
  - Hand tighten

- **Hex key size:**
  - XL80: 2.5mm

- **Legend:**
  - Closing edge of door

**NOTE:** Bi-folding:
- Be sure there is a 1/4" [6] gap between the right and left hand sets.

---

Adjustment end stop location: TRAILING end stop

**Fig 28**

- **Set end stop location:**
  - Adjust the end stop to the desired location on the track.
  - The bumper should touch the edge of the roller carrier.

- **XL80 torque:**
  - 2 ft lbs [3 Nm]
  - Hand tighten

- **Hex key size:**
  - XL80: 2.5mm

**NOTE:** Bi-folding:
- Be sure there is a 1/4" [6] gap between the right and left hand sets.

Legend
- Closing edge of door
4.13 Securing the cable to the QMP cable clamp

Fig 29

4.13.1 **Remove** cable clamp set screws #1 and #2.
4.13.2 **Loosen** cable clamp set screws #3 and #4.
4.13.3 Align cable inside clamp.
4.13.4 Reinsert and retighten all screws.

*VIEWED FROM BACK OF TRACK/CARRIERS*

<table>
<thead>
<tr>
<th>Hex key size</th>
<th>XL80</th>
<th>Cross-head screw driver (magnetic recommended)</th>
</tr>
</thead>
</table>

**Simultaneous drive**
4.14 Install DORMOTION start/stops into QMP track (optional)

**DISREGARD IF SYSTEM IS LESS DORMOTION**

4.14.1 Loosen hex screws on plates.

- Plates should start out parallel to track.

4.14.3 Slide door all the way OPEN.

4.14.4 Carrier should touch end stop.

4.14.5 Slide SHORTER start/stop into Dormotion unit trigger.

4.14.6 Rotate plates inside track to engage.

4.14.7 Hand tighten hex screws.

4.14.8 Adjust using center set screw, then fully tighten hex screws.

4.14.3 Slide door all the way CLOSED.

4.14.4 Carrier should touch end stop.

4.14.5 Slide LONGER start/stop into Dormotion unit trigger.

4.14.6 Rotate plates inside track to engage.

4.14.7 Hand tighten hex screws.

4.14.8 Adjust using center set screw, then fully tighten hex screws.
4.15 QMP track cover and end caps

Fig 31

4.15.1 Add adhesive foam pieces to QMP glass clamp profile, spaced accordingly.
4.15.2 Peel off adhesive.
4.15.3 Slide cover over outside of profile.
4.15.4 Peel adhesive off end caps and press onto ends of profile.
4.16 SMP cover profile

4.16.1 Slide doors fully CLOSED.
4.16.2 Slide SMP cover profile up and between the SMP roller carriers as shown in Fig. 1 above.
4.16.3 Secure with two included fasteners.

NOTE: SMP track and QMP track hidden for easier viewing.

NOTE: If cover profile does not fit, check and correct roller carrier locations, if necessary.

Hex key size

| XL80  | 3mm |

M4 x 8 Low head socket cap screw

8mm 4mm
4.17 Cover profile for passage

Fig 33

<table>
<thead>
<tr>
<th>Hex key size</th>
<th>XL80 2.5mm</th>
</tr>
</thead>
</table>

4.17.1 Slide both doors all the way **OPEN**.
4.17.2 Slide cover profile for passage up behind QMP track.

4.17.1 Secure cover profile for passage with all included fasteners at 2 ft lbs [2.5Nm].

4.18 Cover clips

Fig 34

<table>
<thead>
<tr>
<th>M4 x 6 Fat head socket cap screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>6mm</td>
</tr>
<tr>
<td>4mm</td>
</tr>
</tbody>
</table>

4.18.1 Insert cover clips into track (one clip per foot).
4.18.2 Insert perpendicular to track, and turn **CLOCKWISE** to snap into place.
4.19 Install brush profile

4.19.1 Match brush to cover length.

4.19.2 Slide brush into cover.
4.20 Secure system cover and system end caps

4.20.1 Secure cover to clips and snap into place.

NOTE: Roll cover from the bottom upwards. Ensure the bottom of the cover is supported by the groove in the cover clip.

4.20.2 Snap end caps onto track.