Installation Instructions for CL400 Magnetic Bi-Parting ADA Privacy Handles

Before you Start:
1. These handles have been manufactured to specifications which cannot be altered by the installer. These include:
   a. Handle type: the CL400 ADA handle is available in Passage, Privacy and Bi-Parting versions. You
      have purchased the Bi-Parting Privacy version.
   b. Configuration: the Privacy handle configurations include: Sibe/Sibm, Sibm One Side and Sibm/Emergency.
   c. Door thickness range: These are four different door thickness ranges: 34-40mm, 40-46mm, 40-50mm and 52-56mm (1.3/8" to 1.7/8", 1.5/8" to 1.3/4", 1.7/8" to 2" and 2-1/8" to 2-1/4"). Handles for thicker doors are available on request.
   d. Security: the CL400 handle varies in security depending on the version and configuration. The
      CL400 ADA Bi-Parting Privacy configuration provides low level security. It is important to note that
      the CL400 handle should not be installed in situations where a high level of security is
      required, e.g. external entry points or high security internal doorways.
      Refer to the information printed on the Side Handle and Chassis boxes to ensure you have
      purchased handles with the correct specifications for your situation. If the specifications are
      incorrect you will need to exchange the handles.
   2. Component drawings have been provided. Please familiarise yourself with the components and
      check the package to ensure nothing is missing. Note: Components may vary slightly between
      configurations.
   3. To ensure the handles latch accurately, it is essential that both doors are adjusted for height and
      are parallel with each other when closed before installing the handles.
   4. The CL400 is a metric handle. Accurate measurements are shown in millimetres. Conversions to
      inches are approximate.
   5. NZS4121/2001: To comply with NZS4121/2001 the centre of the handles should be positioned between
      900mm and 1200mm (1000mm optimum) above finished floor level. There must be a minimum clear
      walk through of 760mm (Async. 800mm). There must be a 40mm clear space from edge of pull handle
      to door jamb when the doors are fully open. The supplied ‘Down to Lock’ label must be positioned as
      close as possible to the locking handle. Consult local standards for guidelines relating to the
      specific project.
   6. USA ADA (American Disabilities Act) Guidance: Handle should be positioned between 34 - 48" above
      finished floor level. Allow a minimum of four inches for the protrusion of the door in the
      open position. This can be achieved by using track stops or blocking in the back of the pocket.
      Consult local standards for guidelines relating to the specific project.

Door Preparation
1. Mark a line on the face of the doors where the centre of the handles are to be positioned. Align the centre line on the door cut out template with the centre line on the door. Follow the instructions on the template.
   Repeat cut out for both doors.

2. Mark two holes in the centre of the door thickness in the positions shown. Using these marks, drill two 2.5mm (3/32") diameter holes to a depth of 38mm (1 1/2"). Repeat holes for both doors.

Fitting the Bi-Parting Mate
3. The Bi-Parting chassis contains a strong magnet. Read the warning on page 3 before continuing.
   Remove the Bi-Parting chassis from its packaging. Remove the face plate screw and face plate from the chassis.
   Align the chassis with the centre of the door thickness. Screw the chassis to the door using the two chassis mounting screws through the slotted holes at the top and bottom of the chassis.
   DO NOT tighten the screws.
   Realign the chassis with the centre of the door thickness. When happy with the chassis position, fully tighten the screws.

4. Fit the 6x side handle to chassis screws.
   Leave a 3mm gap (1/8") between the underside of the screw head and the chassis.

Fitting the Bi-Parting Mate
5. Select the Bi-Parting side handle that has no visible fasteners (see diagram 5).
   Fit it to the chassis by sliding the front flange of the handle under the heads of the 3x side handle to chassis screws. Tighten the screws.

6. Fit the remaining Bi-Parting side handle to the chassis using the 3x face plate screws.

7. Use the ball end of the CL400 Allen key to tighten the 2x handle joining screws.
   Use the other end of the Allen key to firmly tighten the screws.

8. Fit the Bi-Parting face plate to the chassis using the 3x face plate screws.

Go to page 5 (overleaf)
Fitting the Privacy Handle

10. Fit the six side handle to chassis screws. Leave a 3mm gap (1/8") between the underside of the screw head and the chassis.

11. Fit the privacy side handle containing the snib latch to the chassis as follows if installing a snib/lock handle:
   a. Align the recess in the back of the snib button with the arm of the locking slider.
   b. Slide the front flange of the handle under the heads of the 3x side handle to chassis screws. Tighten the screws.

Adjusting the Plunger

12. Manually push the plunger in the privacy chassis forward until there is no gap between spring resevoir one (SR1) and spring resevoir two (SR2).

13. Two identical spanners have been supplied. Realign the plunger nut using the large end of one of the supplied spanners. Place the small end of the second spanner across the flange under the head of the plunger. Keep the spanner restraining the plunger nut stationary while turning the second spanner clockwise.

Fitting the Remaining Side Handle and Face Plate

16. Fit the remaining privacy side handle to the chassis by sliding the front flange of the handle under the heads of the 3x side handle to chassis screws. Tighten the screws.

Fitting the Clip-in Indicator

20. Lift the pull handle up to unlock it. Insert the GREEN clip-in indicator into the BOTTOM hole.

Fixing the Side Handle

17. With the pull handle in the 'unlocked' position, insert one of the handle joining screws through the bottom hole in the side handle and tighten.

Fitting the Clip-in Indicator

Warning: It is very important that you follow the next instructions carefully as the clip-in indicator cannot be easily removed once installed.

19. With the pull handle down in the 'locked' position, insert the RED clip-in indicator into the TOP hole.

Note: The indicator is designed to remain in place permanently and may require some force to install.

CaviLock®
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