Installation Instructions for CL400 ADA Magnetic Bi-Parting Passage (Magnetic Latching) 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 Passage (Magnetic Latching) version.
   b. Configuration: the Passage handle configurations include Passage Magnetic Latching and Passage Non Latching.
   c. Door thickness range: There are four different door thickness ranges: 34-40mm, 40-46mm, 46-52mm and 52-63mm (CL400) to 1-3/16", 1-1/8" to 2" and 2-1/8" to 2-1/4". Handles for thicker doors are available on request.
   d. Refer to the information printed on the Side Handle and Chassis boxes to ensure you have purchased the 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 familiarize yourself with these components and check the packaging to ensure nothing is missing.

3. To ensure the handle latch accuracy, it is essential that both doors are adjusted for height and are parallel with each other when closed before installing the handle.
4. The CL400 is a metric handle. Accurate measurements are shown in millimetres. Conversions to inches are approximate.
5. "USA ADA (American Disability Act) Guidelines": Handle should be positioned between 34 - 48" above finished floor level. Allow a minimum of four inches for the provision 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 handle is 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 (9/32") 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 2 before continuing.
   a. Remove the Bi-Parting chassis from its packaging. Remove the face plate screw and face plate from the chassis.
   b. Align the chassis with the centre of the door thickness. Screw the chassis to the door using the two plastic mounting screws through the slotted holes at the top and bottom of the chassis. DO NOT fully tighten the screws.
   c. Realise the chassis with the centre of the door thickness. When happy with the position, fully tighten the screws.

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

5. Fit the side handle to the chassis screws. Refer to page 2.

6. Fit the remaining Bi-Parting side handle to the chassis and tighten the 3x side handle to chassis screws.

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

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

Tools (containing in Bi-Parting Chassis Box):
1. CL400 Allen Key

WARNING: THE BI-PARTING CHASSIS CONTAINS A STRONG MAGNET
IRON FILINGS - Magnets will attract iron from iron and ferrous metal objects which may be harmful to remove. Keep magnets a safe distance away from these materials.
DANGER FOR CHILDREN - Magnets may cause serious injury if swallowed. Keep out of reach of children.
CRUSHING, BUSTERS AND CUTS - Fingers may become caught between magnets resulting in crushing, blisters or cuts.
BREAKING OR CHIPPING - It is possible that magnets could chip or shatter on contact with other hard materials, resulting in chips flying off at high speeds into someone's eyes. Chips can also be very sharp - treat them as you would broken glass.
MAGNETICALLY SENSITIVE ITEMS - Keep a safe distance between the magnet and all objects that can be damaged by magnetism (i.e., mechanical watches, pacemakers, cell phones etc.).
DISPOSAL - Magnets should be disposed of carefully and in accordance with your local regulations.
Fitting the Passage Handle
9. Remove the passage 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 slooted holes at the top and bottom of the chassis. DO NOT fully tighten the screws.
Realign the chassis with the centre of the door thickness. When happy with the chassis position, fully tighten the screws.

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

11. Fit the passage side handle (with no visible fasteners) 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 Remaining Side Handle
15. Fit the remaining passage side handle (with visible M3.5 screws fitted) to the chassis (using the 3x side handle to chassis screwed by sliding the front flange of the handle under the heads of the three screws. Tighten the screws.

Fitting the Face Plate
17. Fit the passage face plate to the chassis using the 3x face plate screws.

Adjusting the Plunger
12. Manually push the plunger in the passage chassis forward until there is no gap between spring reservoir one (SR1) and spring reservoir two (SR2).

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

14. Continue to turn the spanner until there is no longer a gap between the spanner and the chassis. Now turn the spanner and clockwise half a turn.
The plunger should now be adjusted correctly. Slide the doors closed and check that they latch. Adjust if necessary.