TERAFRAME® FRONT DOOR SINGLE-POINT LATCH ELS1000/ELS1500

Included Hardware:

ELS1000 Master kit:
M4 X 10mm Taptite screw, 2 ea.
M4 Tooth Washer, 2 ea.
M4 Washer, 1 ea.
M4 X 12mm screw, 1 ea.
M6X12mm PH Screw, 2 ea.

ELS1000 latch box contains a set of standard fasteners, please select the items shown below from the box:
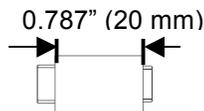
M4X10mm Flanged Screw, 1 ea.   M16 Nut, 1 ea.

ELS1500 Master Carton:
M4X10mm Taptite screw, 2 ea.
M4 Tooth Washer, 2 ea.
M5 X 16mm screw, 2 ea.
M6 X 35mm Hex screw, 1 ea.
M6 X 12mm PH screw, 2ea.

Please select the spindle shown below from the ELS1500 latch box:

0.787" (20 mm)

Tools Required:
#2 Philips screw driver
19 mm wrench
10 mm wrench

ELS1000/1500 Lock Preparation:
Locate the batteries from the lock box and install in the latch before assembly. Please refer to the following Instruction documents for configuring the locks: IIS-739226 (ELS1000), ISS-739228 (ELS1500).

ELS1000 Assembly Sequence:
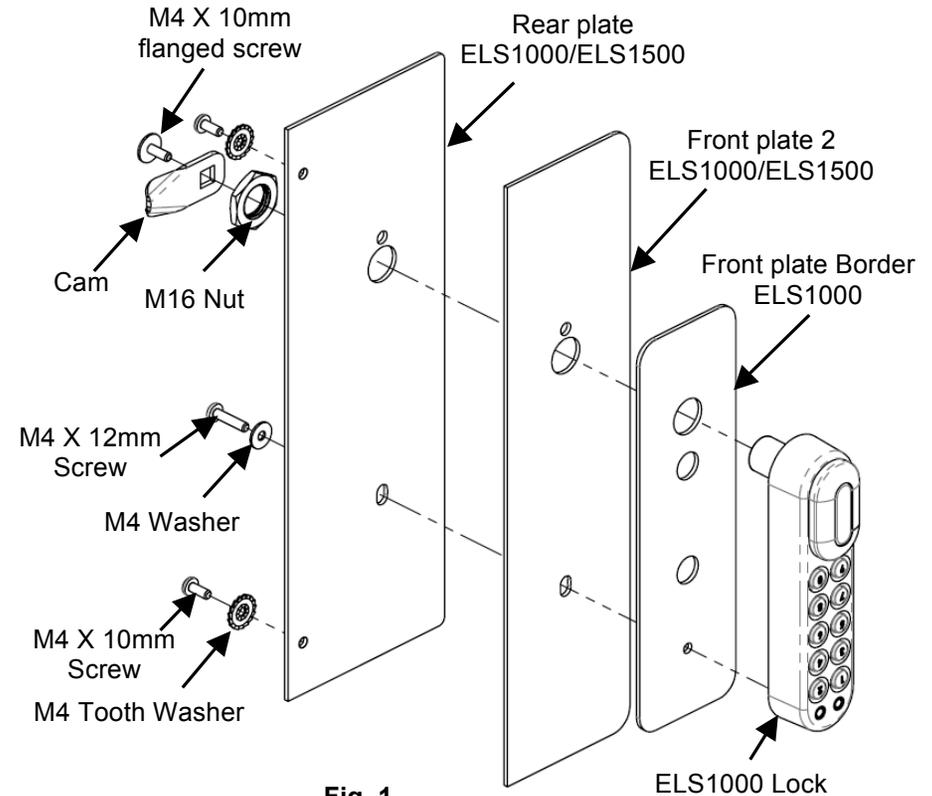Installing the Single point ELS1000 latch (Fig.1) onto TeraFrame Front door.

Fig. 1
ELS1000 Lock Kit

Labels in figure: M4 X 10mm flanged screw; Rear plate ELS1000/ELS1500; Front plate 2 ELS1000/ELS1500; Front plate Border ELS1000; Cam; M16 Nut; M4 X 12mm Screw; M4 Washer; M4 X 10mm Screw; M4 Tooth Washer; ELS1000 Lock

CPI CHATSWORTH PRODUCTS
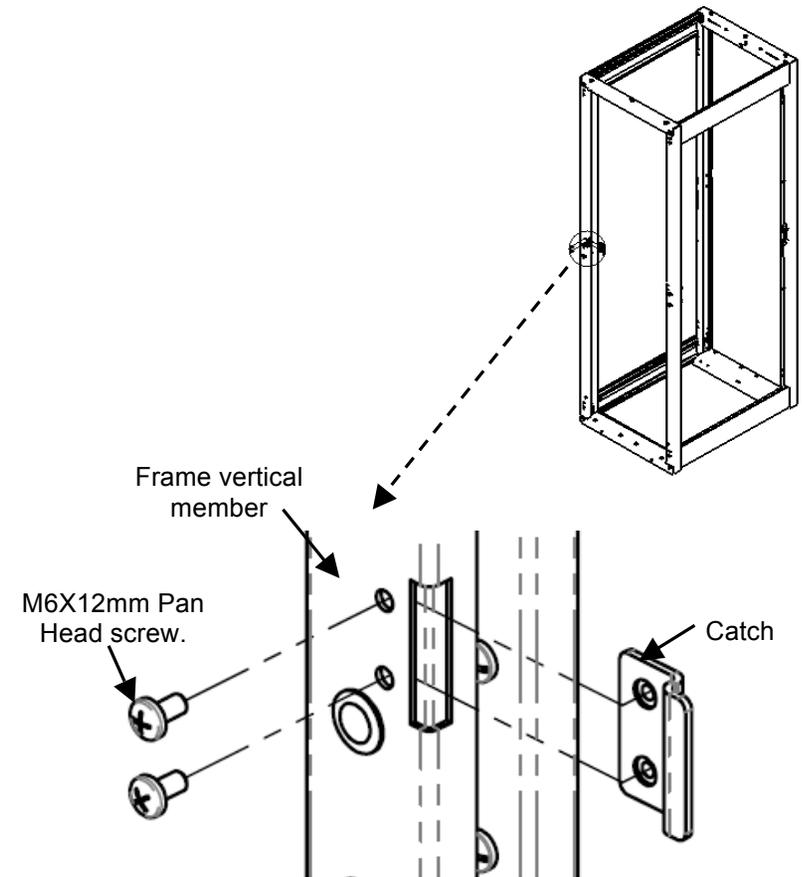
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1. Position the Rear plate inside the door, over latch cut out, and fasten with two M4X10mm screws, with M4 Tooth washer under each screw head. (Fig. 2)
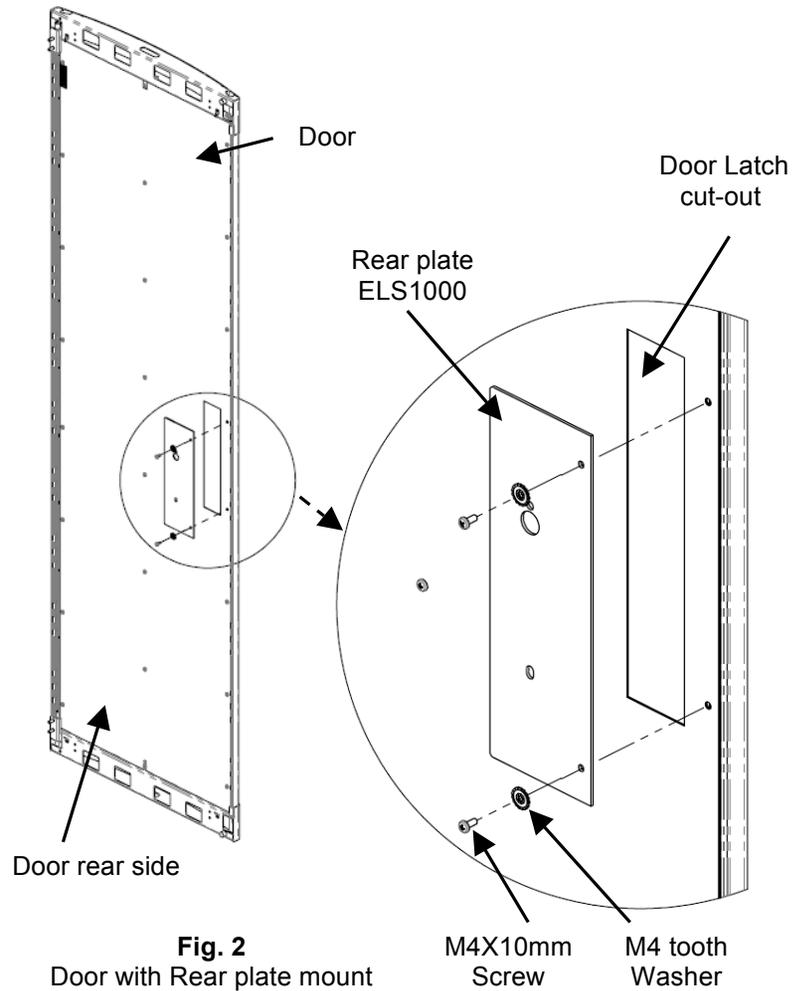
2. Install the Catch in the upper cut-out in the frame opposite the hinges, fastening with M6X12mm screw.(Fig.3)

Door

Door Latch cut-out

Rear plate ELS1000

Door rear side

Fig. 2
Door with Rear plate mount
ELS1000

M4X10mm Screw

M4 tooth Washer

Frame vertical member

M6X12mm Pan Head screw.

Catch

Fig. 3
Catch installation on
Frame ELS1000

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3. Place the ELS1000 on the Front plate border and Front plate 2 with the lock spindle orientation up (Fig. 4).
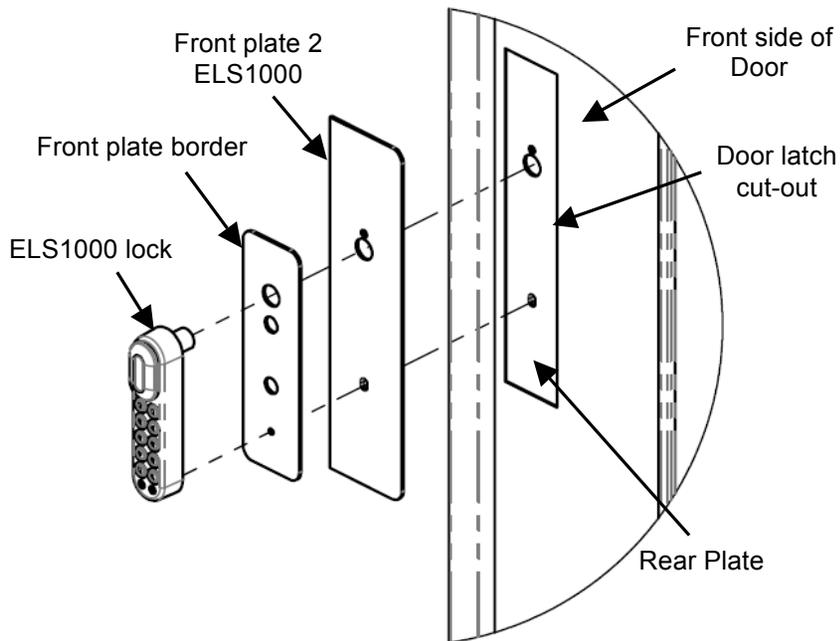
4. Secure the ELS1000 lock to the rear plate with the M4 X 12mm screw for ELS1000 Lock (Fig. 5).

5. For ELS1000 place the M16 Nut over the lock Spindle, push the cam onto the cam Spindle and fasten it with M4 X 10mm flanged screw (Fig.5).
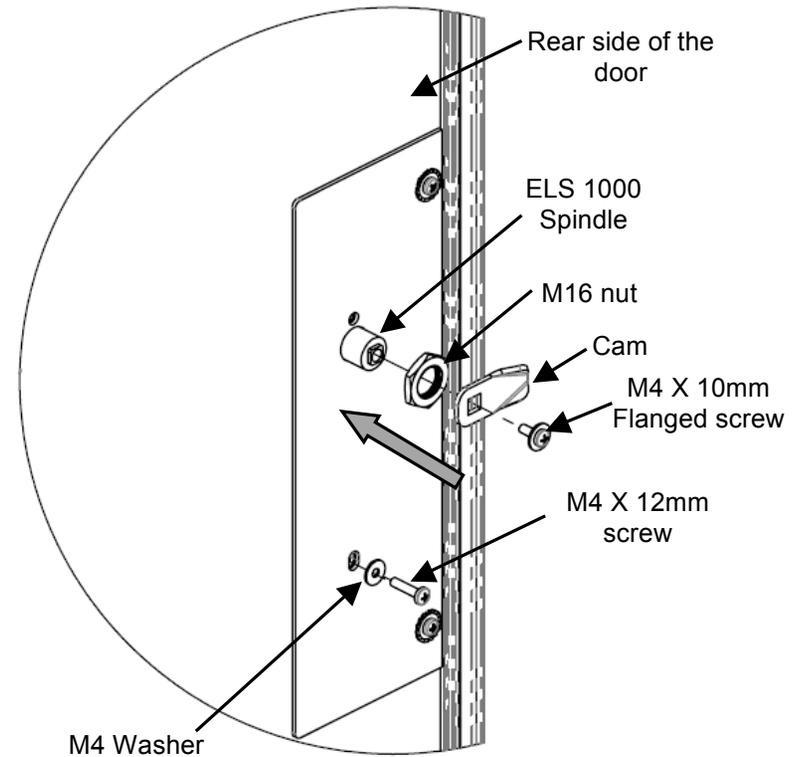
Fig. 4
ELS1000 Lock installation

Fig. 5
ELS1000 lock installation
Latch back side view

TERAFRAME® FRONT DOOR SINGLE-POINT LATCH ELS1000/ELS1500

ELS1500 Assembly Sequence:
Installing the Single point ELS1500 (Fig. 6) onto Teraframe front door.

1. Position the Rear plate inside the door over latch cut out-and fastens with two M4X10mm screws with an M4 tooth washer under each screw head. The tooth washer provides an electrical bonding point (Fig. 7)
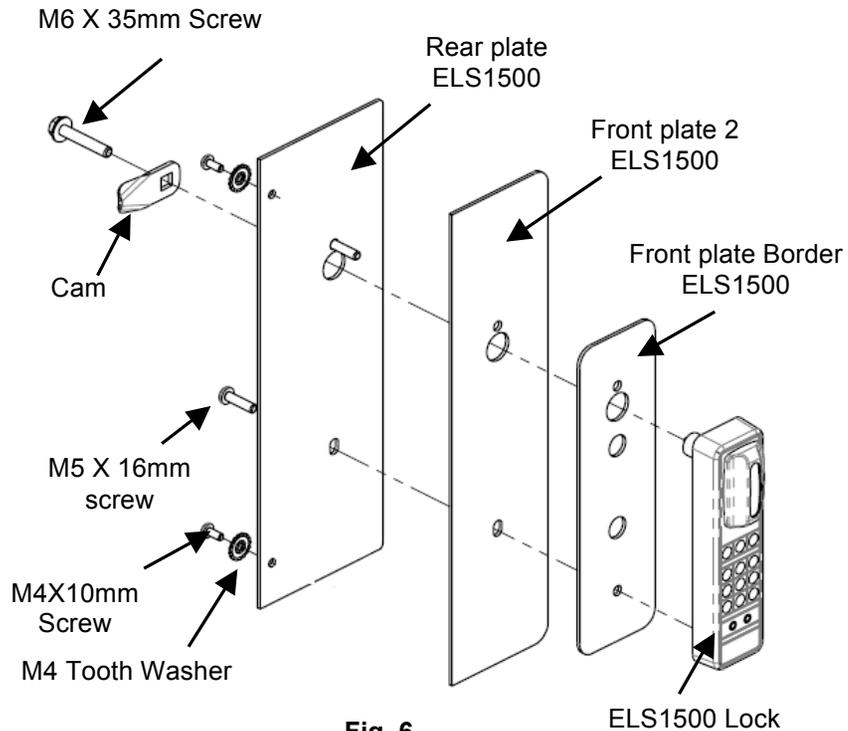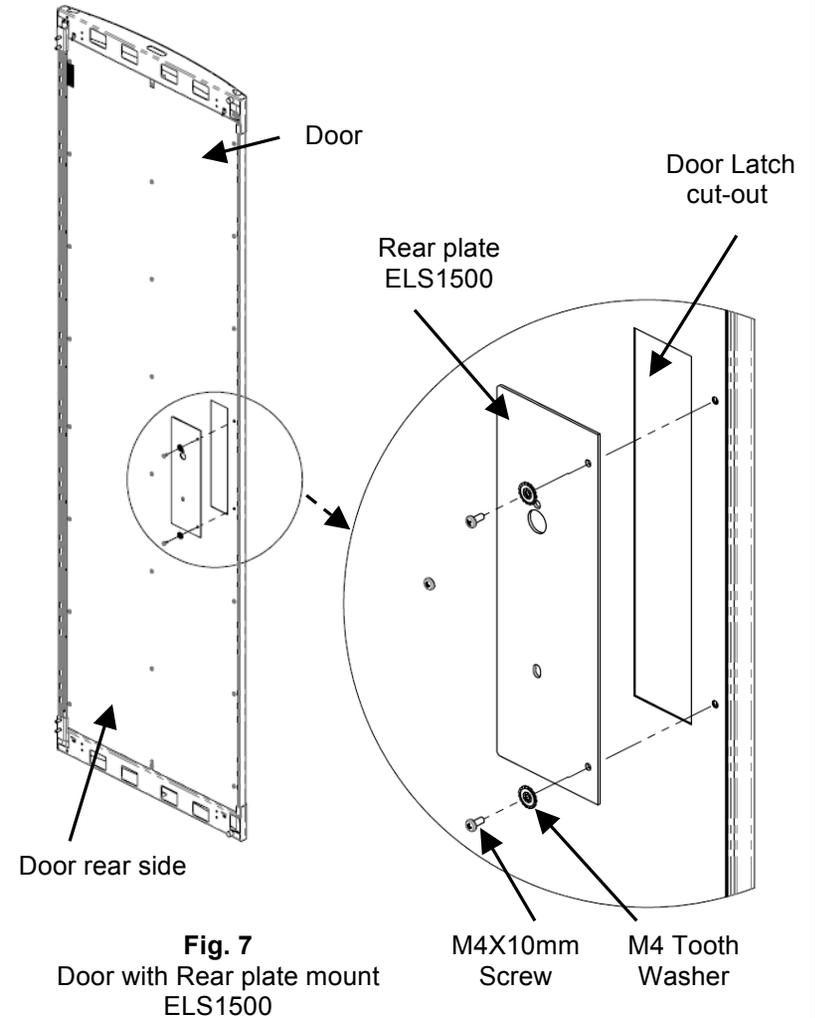
M6 X 35mm Screw

Rear plate
ELS1500

Front plate 2
ELS1500

Front plate Border
ELS1500

Cam

M5 X 16mm
screw

M4X10mm
Screw

M4 Tooth Washer

ELS1500 Lock

Fig. 6
ELS1500 Lock Kit

Door

Door Latch
cut-out

Rear plate
ELS1500

Door rear side

Fig. 7
Door with Rear plate mount
ELS1500

M4X10mm
Screw

M4 Tooth
Washer

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2. Install the Catch in the upper cut-out in the frame opposite the hinges, fastening with M6X12mm screw (Fig. 8).

M6X12mm Pan Head screw.

Catch

Fig. 8
Catch installation on Frame
ELS1500
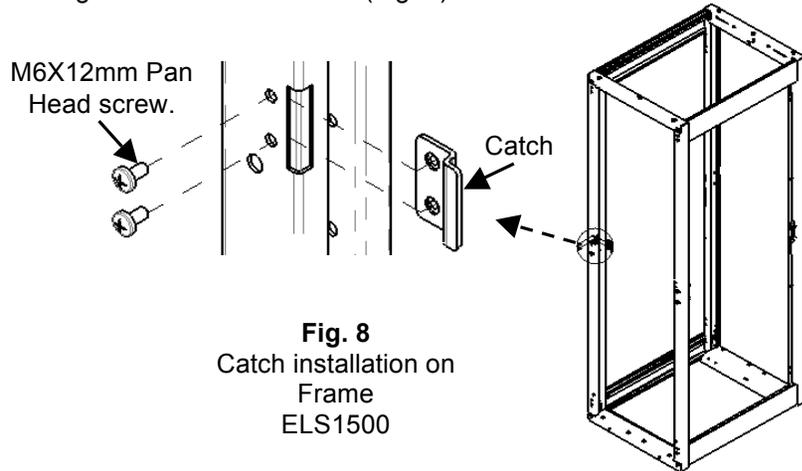
3. Place the ELS1500 on the Front plate border and Front plate 2 with the lock spindle orientation up (Fig. 9).

Door latch cutout

Front side of door

Front plate 2 ELS1500

Front plate border

ELS1500 Lock

Fig. 9
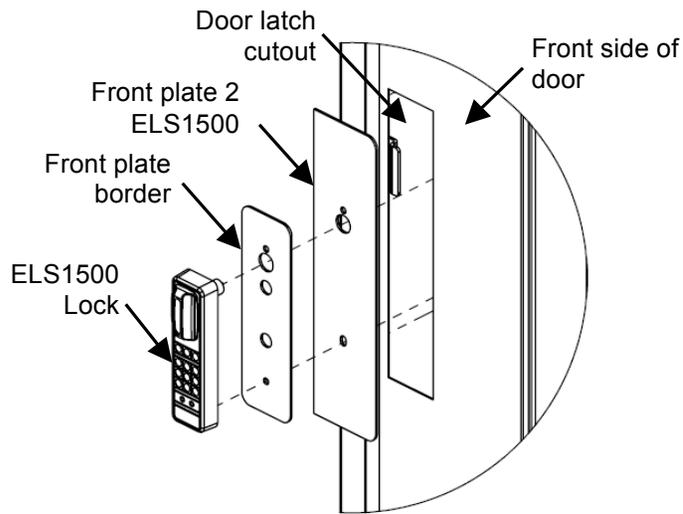
4. Secure the ELS1500 lock to the rear plate with the M5 X 16mm screw (Fig. 10).

5. For ELS1500 push the cam onto the cam Spindle and fasten it with M6 X 35mm Hex screw (Fig.10).

Rear plate

M5 X 16mm screw

Cam

M6 X 35mm Hex screw

Fig. 10
ELS1500 lock installation
Latch back side view