C800 Cylindrical Lever Set
Installation Instructions

1. **Install latch**

   1.1.1 Place latch into door edge.
   1.1.2 Orient such that the beveled edge of latch faces door jamb.
   1.1.3 Secure with two 8-32 x 3/4" combo screws.

2. **Optional extension instructions**

   1.2.1 Connect latch bolt extension to latch bolt.
   1.2.2 Slide sleeve over top of both, extension and latch bolt.
   1.2.3 Extension can be oriented in either direction.

3. **Install lock assembly**

   1.3.1 Align so center of chassis is in line with center of latch.
   1.3.2 Slightly separate thru-bolt retainer from outside rose assembly.
   1.3.3 Rotate outside assembly to adjust for proper door thickness.
   1.3.4 Realign thru-bolt retainer with outside rose.

4. **Install inside rose insert**

   1.4.1 Hold lock assembly in place.
   1.4.2 Thread inside rose mounting onto chassis until snug against door.

5. **Install rose**

   1.5.1 Push inside rose onto inside rose mounting plate.
   1.5.2 Push inside lever onto spindle until it clicks into place.

6. **Install strikes**

   1.6.1 Insert strike as shown, and secure with two 12-24 x 1” combo screws.

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**PART LIST**

1- IC CORE
2- OUTSIDE IC LEVER
3- OUTSIDE ROSE
4- OUTSIDE ROSE INSERT
5- THRU BOLT RETAINER
6- CHASSIS
7- INSIDE ROSE MOUNTING PLATE
8- 10-32 X 1-1/2" SCREWS (X2)
9- INSIDE ROSE
10- LEVER INSERT
11- INSIDE LEVER
12- LATCH
13- 8-32 X 3/4" COMBO SCREWS (2)
14- OUTSIDE CONVENTIONAL CYLINDER LEVER
15- CONVENTIONAL CYLINDER

**STRIKE PART LIST**

1 - STRIKE PLATE
2 - DUST BOX
3 - 12-24 X 1” COMBO-SCREWS

**Tools required**

- #2 Cross drive screwdriver
- Flathead screwdriver

**Non-wood doors**

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**Diagram**

- Latch or latch bolt with extension
- Chassis
- Spanner wrench
- Inside lever
- Inside rose mounting plate
- Rose mounting plate
- Spindle
- Strike plate
2 C877/C866 Timing instructions

Fig 7

Tools required
Flathead screwdriver
Lever pick

DORMA Lever Lock / C877/C866

Fig 7

Fig 10

5.1 Insert key in outside lever.
5.2 Turn CLOCKWISE and hold at 45°.
5.3 Using pick, depress lever catch through pick hole and remove lever.
5.4 Remove key (Fig 10A/10B).
5.5 Remove lever insert and cylinder.

REINSTALLATION
5.6 Replace with new cylinder and reinstall lever insert. (Fig 10C)

Be sure tailpiece is horizontal. (Fig 10D)
5.7 Press outside lever onto spindle until it contacts lever catch. (Fig 10E)
5.8 Insert key turn CLOCKWISE and hold at 45°.
5.9 Press lever fully onto spindle until it clicks into place.
5.10 Release key.

1 C860/C865/C870/C872 Timing instructions

Fig 8

INTERCHANGEABLE CORE LOCKS:
- Front and rear levers:
- 2 Cylinders
- LEVER LOCK C877/C866

INSIDE / OUTSIDE OF DOOR:
- Inside levers:
- Outside levers:

TIMING INSTRUCTIONS:

5.1 Install lock on door.
5.2 Remove inside and/or outside levers and cylinders.
5.3 Using pick, depress lever catch and hold at 45°.
5.4 Remove key. (Fig 10A/10B)
5.5 Remove lever insert and cylinder.
5.6 Replace with new cylinder and reinstall lever insert. (Fig 10C)

CHECK THE LOCK OPERATION BEFORE SHUTTING THE DOOR.

4 Removing & reassembling interchangeable core lever

Removal
4.1 Insert control key into IC core.
4.2 Rotate key 15° clockwise.
4.3 Remove core and tail piece from lever.

NOTE: DO NOT REMOVE the rubber stopper or security disc from the IC cylinder tailpiece. (Both parts are necessary on 6 & 7 pin cores.)

4.4 Using a flathead screwdriver, retract lever catch inside spindle and remove lever.

Reinstallation
4.5 Press lever onto spindle until it snaps into place.
4.6 Install tail piece in the core.
4.6.1 Insert control key into the core.
4.6.2 Rotate key 15° clockwise.
4.6.3 Push core fully into lever and turn counter-clockwise 15° (home position), and remove the key.

3 C860/C865/C870/C872 Timing instructions

Fig 9

INTERCHANGEABLE CORE LOCKS:
- Front and rear levers:
- 2 Cylinders
- LEVER LOCK C877/C866

INSIDE / OUTSIDE OF DOOR:
- Inside levers:
- Outside levers:

TIMING INSTRUCTIONS:

5.1 Install lock on door.
5.2 Remove both inside and outside levers.
5.3 Rotate key spindle fully CLOCKWISE.
5.4 Install inside cylinder and lever.
5.5 Remove lever insert and cylinder.
5.6 Replace with new cylinder and reinstall lever insert. (Fig 10C)

CHECK THE LOCK OPERATION BEFORE SHUTTING THE DOOR.

Fig 11

5 Removing & reassembling standard cylinder lever (cylinder changes)

Fig 10

Removal
5.1 Insert key in outside lever.
5.2 Turn CLOCKWISE and hold at 45°.
5.3 Using pick, depress lever catch through pick hole and remove lever.
5.4 Remove key (Fig 10A/10B).
5.5 Remove lever insert and cylinder.

Reinstallation
5.6 Replace with new cylinder and reinstall lever insert. (Fig 10C)

Be sure tailpiece is horizontal. (Fig 10D)
5.7 Press outside lever onto spindle until it contacts lever catch. (Fig 10E)
5.8 Insert key turn CLOCKWISE and hold at 45°.
5.9 Press lever fully onto spindle until it clicks into place.
5.10 Release key.

6 Dummy trim installation

Fig 21

Single dummy trim: C801
6.1 Position inside dummy rose mounting plate on the door.
- Orientation: Lever catch facing towards door edge.
6.2 Secure to door using four #8 combo screws.
6.3 Push rose onto rose insert.
- Orientation: Lever catch facing downward.
6.4 Push inside lever onto spindle until it clicks into place.

Double dummy trim: C802
6.1 Slide outside dummy rose mounting plate into through-bolt holes on door.
- Orientation: Lever catch faces towards the door edge.
6.2 Align inside dummy rose insert and secure to door using two #8 combo screws and two 10-32 x 1-1/2” screws.
6.3 Push roses onto dummy rose mounting plates.
- Orientation: Rose notches facing downward.
6.4 Push levers onto spindles until they click into place.

CB01
CB02
Rose notch
Door edge
Rose
Inside rose insert mounting plate
Outside rose mounting plate
10-32 x 1-1/2” screws