

Mark & drill holes

1 Determine the proper backset for the door.

Note For backsets other than 2 3/4" and for metal doors, see the *W14 Template—Installation Specifications for 83KW/93KW–85KW/95KW IDH Max Cylindrical Locks*.

2 Mark the centerlines on the door and door jamb. See the *Installation Instructions for 83KW/93KW–85KW-95KW IDH Max Cylindrical Locks (T60771)*.

3 **For uncut doors:** Fold the template on the dashed line and carefully place it in position on the door.

For doors with standard cylindrical preparation:

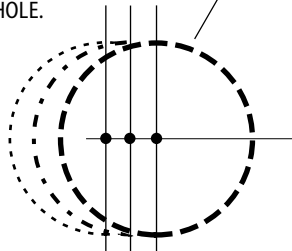
Looking through the hole from the opposite side of the door, align the template so that you see the template outline of the 2 1/8" diameter hole.

4 Tape the template to the door and center punch the appropriate drill points.

5 Drill the holes. See the installation instructions.

Door status switch hole – 1" dia.

Drill to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.



Drill & mortise door edge

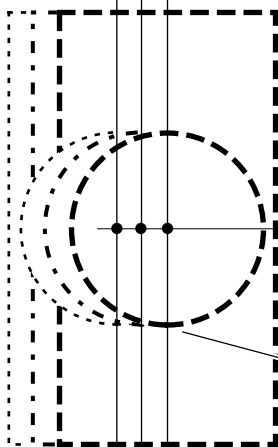
1 Mark the centerline of the door edge, and the drilling points for the LATCH HOLE and the DOOR STATUS SWITCH HOLE.

2 Drill the LATCH HOLE (1" dia.) into the edge of the door to meet the center of the CHASSIS HOLE.

3 Mortise the edge of the door to fit the latch face.

4 Drill the DOOR STATUS SWITCH HOLE (1" dia.) into the edge of the door to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.

5 Drill a HOLE THROUGH THE DOOR (3/8" dia.) from the bottom of the DOOR STATUS SWITCH HOLE to the hinge mortise.



1 3/4"

2"

2 1/4"

Door edge centerline (based on door thickness)

Door status switch & LH/LHRB reader wire hole – 7/8" dia.
Drill through the door.

Trim hole (upper) – 5/8" dia.
Drill through the door.

Field harness & RH/RHRB reader wire hole – 7/8" dia.
Drill through the door.

Hole through door – 3/8" dia.
From the latch edge of the door, drill through the bottom of the DOOR STATUS SWITCH HOLE to the hinge mortise.

for 2 3/4" backset

Through-bolt hole (upper) – 5/16" dia.
Drill through the door. DRILL FOR 9KW ONLY.

Note
Use the KD303 Drill jig to ensure proper alignment of through-bolts and levers.

horizontal centerline of knob or lever

Solenoid wire hole – 3/8" dia.
Drill through the door BEFORE DRILLING THE CHASSIS HOLE.

Note
When installing the lock, make sure the wires are routed through this hole.

Chassis hole – 2 1/8" dia.
Bore through the door AFTER DRILLING THE SOLENOID WIRE HOLE.

Through-bolt hole (lower) – 5/16" dia.
Drill through the door. DRILL FOR 9KW ONLY.

Trim hole (lower) – 5/8" dia.
Drill through the door.

Fold the template along this line.

Latch hole – 1" dia.
Drill to meet the center of the CHASSIS HOLE.

Title
Installation Template for 83KW/93KW IDH Max Cylindrical Locks

BEST ACCESS SYSTEMS

Series
83KW/93KW

Backset
2 3/4"

Trim style
MS, KP, PH, PM

Door thickness
1 3/4" to 2 1/4"

Rev date

Template number

W16

Rev
—

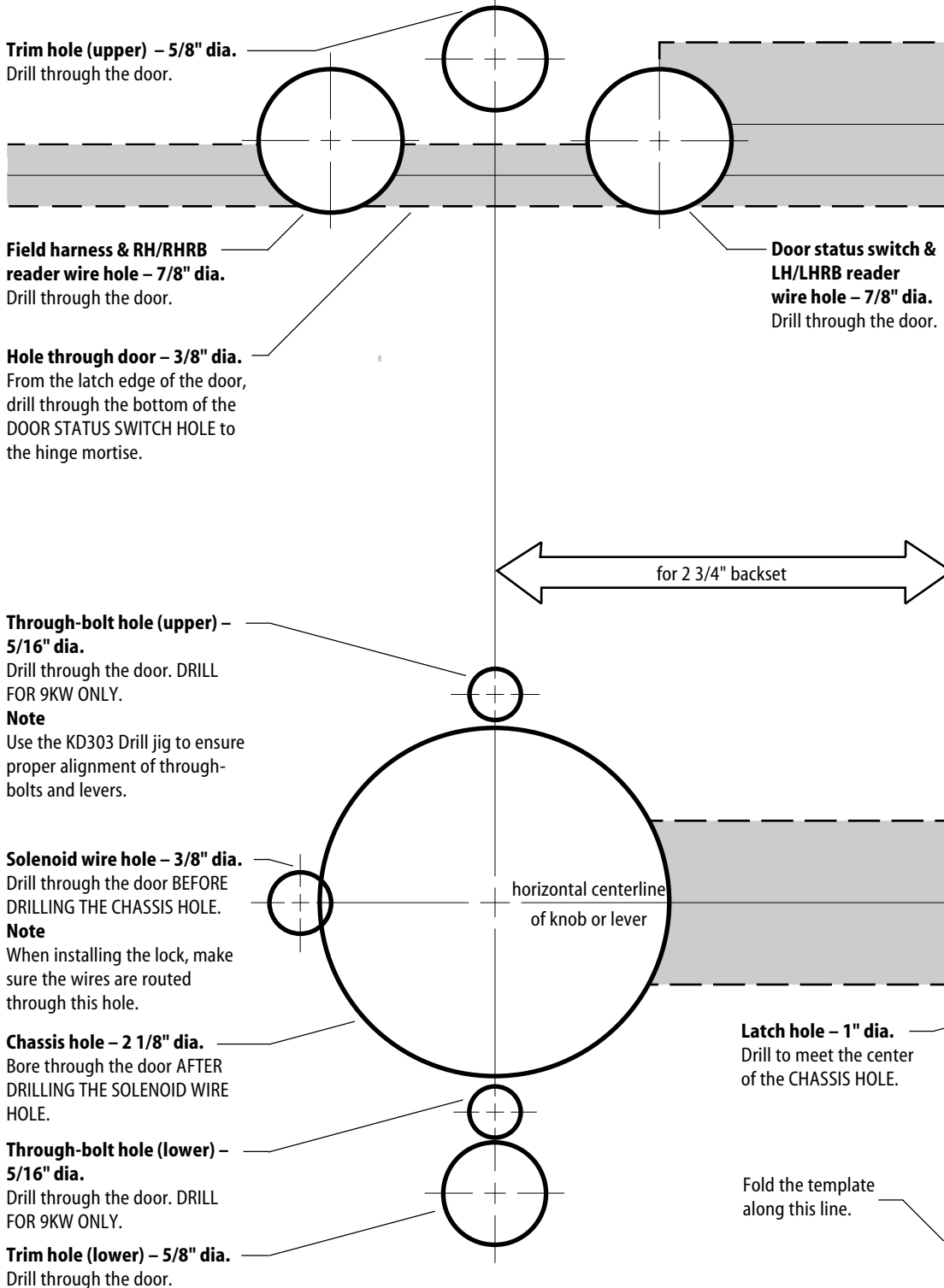
Note: To ensure accurate door preparation, use only factory-printed templates. Do not use copies or facsimilies.

T60773/Rev – 1807834 ER-7991-1 November 1999

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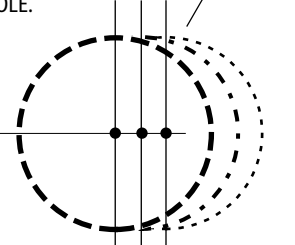
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- Drill the holes. See the installation instructions.



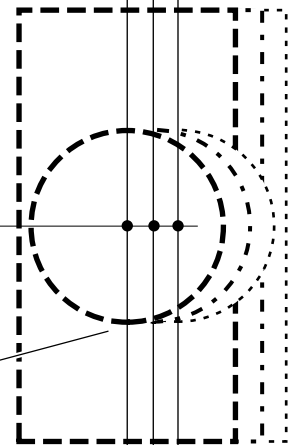
Door status switch hole – 1" dia.

Drill to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.



Drill & mortise door edge

- Mark the centerline of the door edge, and the drilling points for the LATCH HOLE and the DOOR STATUS SWITCH HOLE.
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1 3/4"
2"
2 1/4"

Door edge centerline (based on door thickness)