

1. Door Preparation

- a. Verify glass thickness before any preparation. PLH900 housing can only be installed on glass doors 10 mm to 12.7 mm (3/8" to 1/2") thick.
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b. Confirm door handing. Ensure mortise lock and housing are configured to match.
- c. Ensure glass door cutout matches the glass cut template shown on sheet 2.
- d. If using PLH901 glass strike housing, follow the instructions supplied with it. Otherwise use strike instructions included with lock.
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If using PLH901 strike housing, strike position can be adjusted directly – the two housings will remain aligned.
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A gap of minimum 3 mm (1/8") is required between the door lock edge and the door frame or fixed glass panel where the strike housing is attached.
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PLH900 should not be paired with another PLH900 in a double-door application.

2. Pre-assemble the Patch Lock Housing (without covers)

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Please note: the PLH900DB housing can accomodate all auxiliary/deadbolt locks. Ensure that the included covers match.
- a. Take the two housing halves (#1a and #1b) and lay them on a flat surface with the recesses for gaskets facing up.
- b. Place gaskets into the recessed areas of each half as required.
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> For 10 mm (3/8") glass: stack 2 gaskets on to each housing half.

> For 12 mm (1/2") glass: place 1 gasket on to each housing half.
- c. Install the spacers #2a and #2b on housing half #1b, using available counter-sunk holes as shown. Tighten firmly.
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> For pre-existing glass cuts – please consult the spacer chart on page 2.

> Ensure the threaded hole and the end of the spacer is facing outward as shown. (Figure 1)
- d. Install latch brackets #3 on housing half #1a as indicated.
- e. Loosely assemble both halves together using included hex screws (A) - 2 from either side - as shown (Figure 2). Do not tighten yet.

3. Install & Align Lock Housing

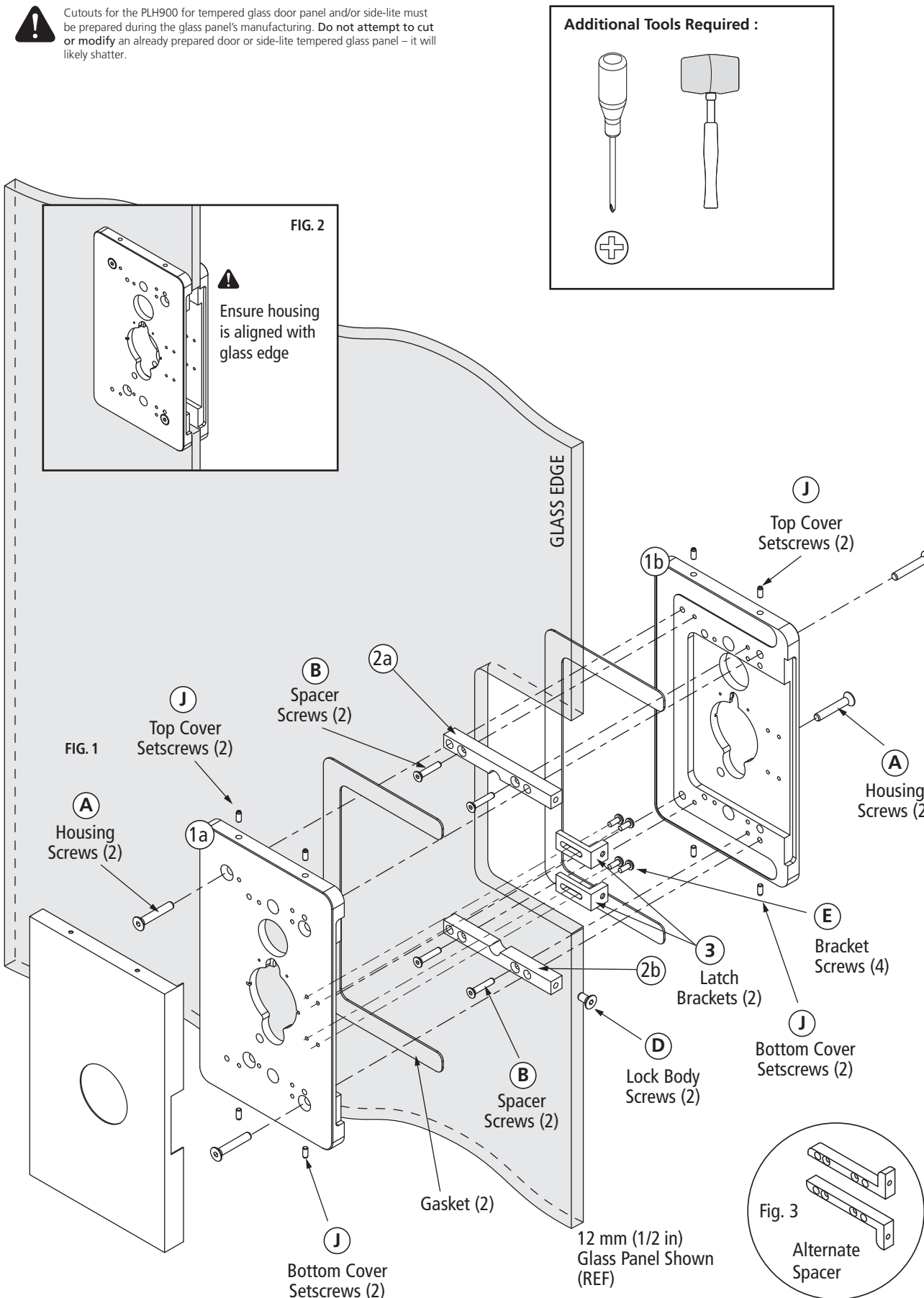
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Install PLH900 only after glass door has been hung.
- a. Orientate the housing to match handing and insert it slowly into the cut out.
- b. Push the housing upward until the spacer makes light contact with top of the cut-out. Keeping a slight upward pressure, align the housing's edge with the glass door's edge as shown (Figure 2).
- c. Holding housing in place, tighten all 4 housing screws until it holds in place (do not fully tighten).
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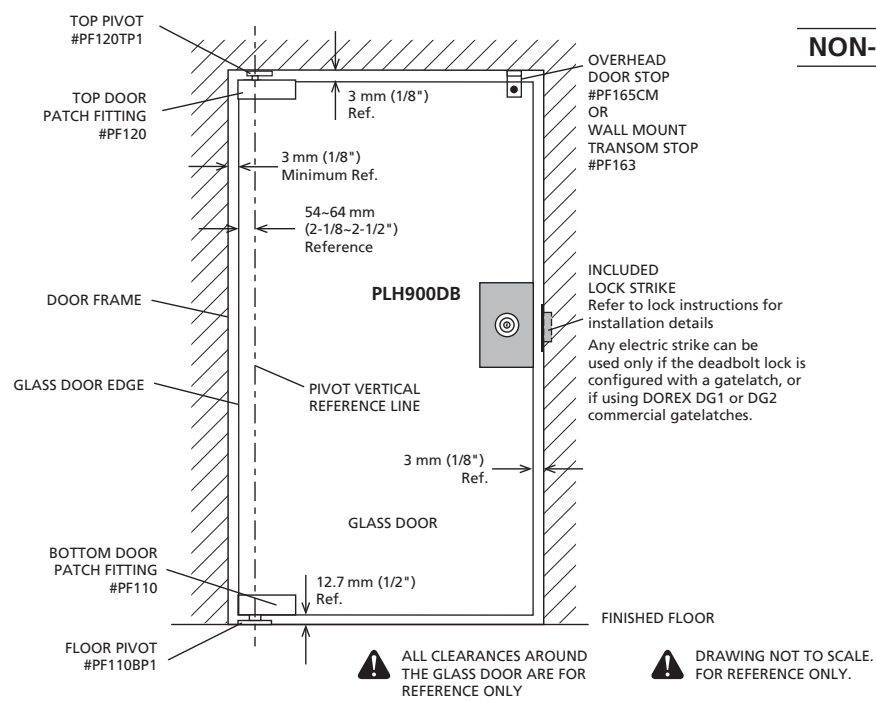
Caution: Before moving to the next step, ensure no metal part is touching the glass surface in and around the cutout.
- d. Temporarily place a cover on the side that is facing the doorstop.
- e. Verify the housing's alignment. If adjustments are needed, loosen the accessible housing screws by a ¼ turn and lightly tap the housing with a rubber mallet until levelled and aligned as required.
- f. Slowly close the door to ensure that the housing does not hit an existing strike or door frame's edge. Adjust with light taps as required.
- g. Once aligned, lightly re-tighten the loosened housing screws (A), and remove the cover.

FASTENER CHART

ITEM	QTY	SIZE	LENGTH	DESCRIPTION
A	4	M6X1	40 MM	FLAT HEAD HEXAGON DRIVE
B	4	M5X0.8	25 MM	FLAT HEAD HEXAGON DRIVE
C	2	#12-24	3/8"	FLAT HEAD UNDERCUT PHILLIPS DRIVE
D	–	M5X0.8	10 MM	FLAT HEAD PHILLIPS DRIVE
E	4	M4X0.7	10 MM	PAN HEAD PHILLIPS DRIVE
F	2	M4X0.7	10 MM	FLAT HEAD PHILLIPS DRIVE
G	–	M3X0.5	16 MM	FLAT HEAD PHILLIPS DRIVE
H	4	M4X0.7	20 MM	FLAT HEAD PHILLIPS DRIVE
J	8	M4X0.7	7 MM	SET SCREW HEXAGON DRIVE
K	1	2MM	110 MM	2MM HEX SCREW, BALL END
L	1	3MM	60 MM	3MM HEX SCREW
M	1	4MM	70 MM	4MM HEX SCREW

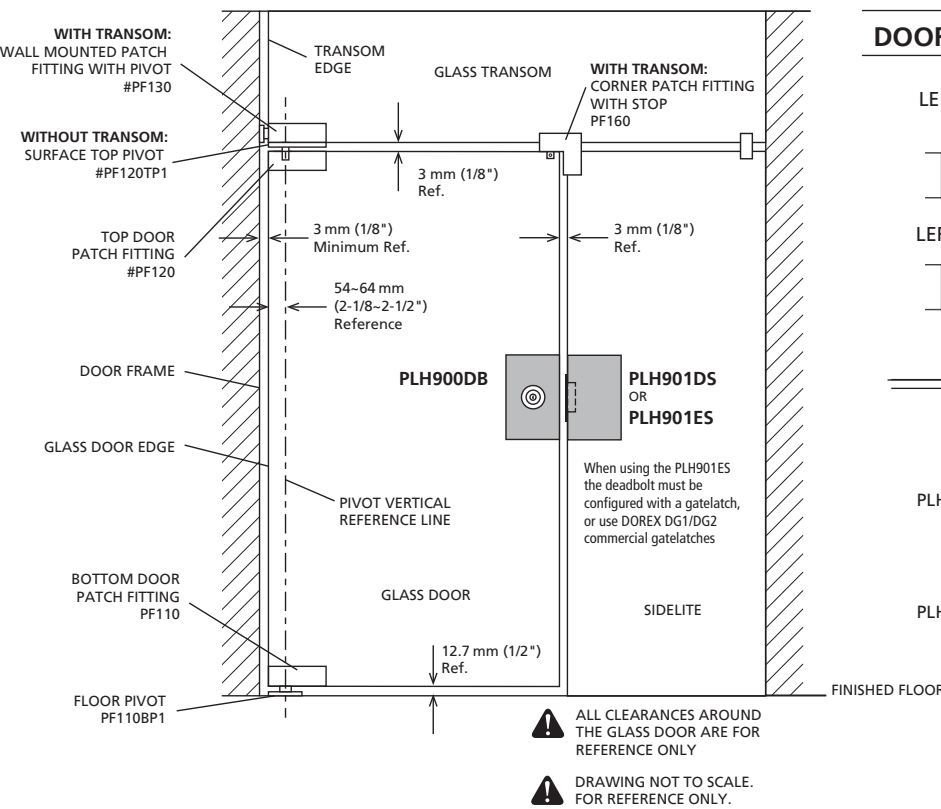


SINGLE DOOR IN FRAME

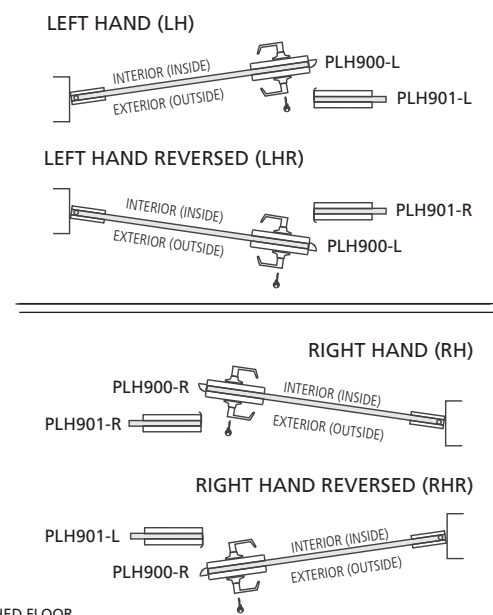


NON-HANDED

DOOR IN FRAME WITH SIDELITE

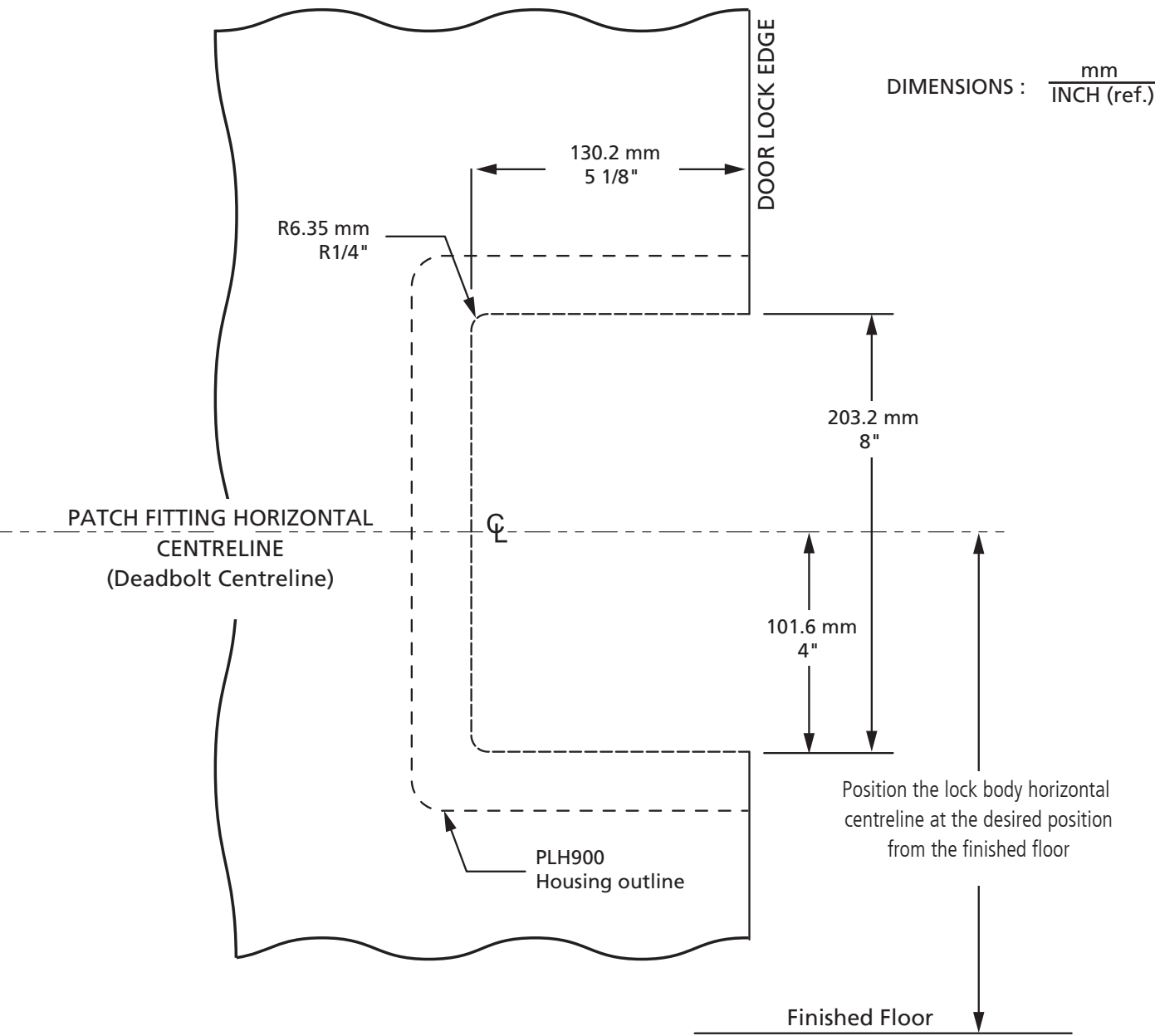


DOOR HANDING GUIDE

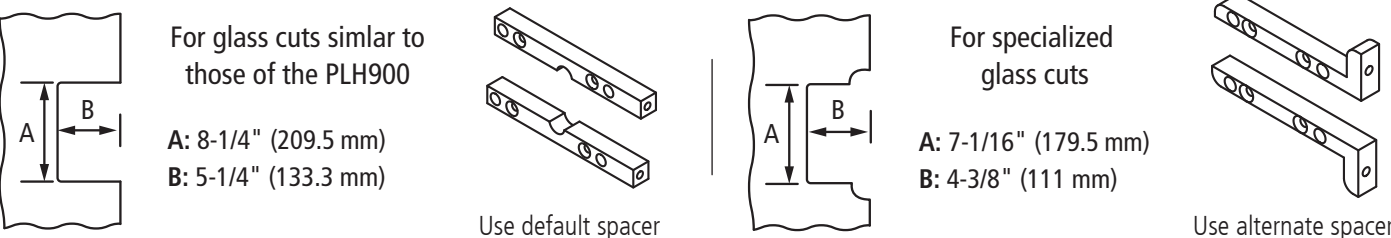


GLASS PANEL PREPARATION

! DRAWING NOT TO SCALE DO NOT USE AS TEMPLATE **FOR TEMPERED GLASS DOORS 10 mm to 12.7 mm (3/8" to 1/2") THICK**



SPACER GUIDE FOR EXISTING GLASS CUTS



! Use with other non-tested glass cuts at your own risk.