

Inswing - Allegis Latch Installation

Photo # 1

Photo shows latching mechanism.



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Photo # 2

Place the gasket onto the inner surface of the latch mechanism. Align the small hole in the gasket with the peg on the mechanism.



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Photo # 3

Insert the latch mechanism shaft into the large hole in the panel.

Note: the side of the door with the large and small hole is considered the "outside".

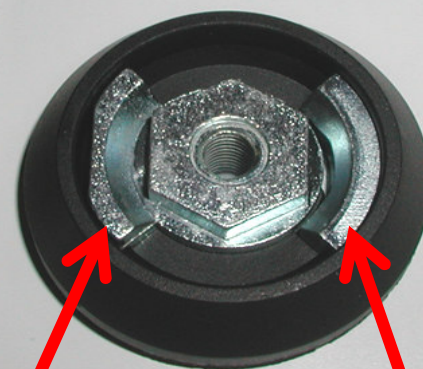
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Photo # 4

Align the mechanism so the small hole in the panel and the "peg" are aligned and push into place.



If necessary, rotate the shaft of the latch mechanism so the inner two cams are on opposite sides of the hex nut.

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Photo # 5

Move to the inside of the door and place the inside escutcheon onto the shaft. Remember to orient it so the smaller diameter collar will slide into the bored hole.

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Photo # 6

Push the escutcheon all the way to the door surface.

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Photo # 7

Using the locking nut*, tighten until the escutcheon just begins to compress the door. Over tightening will impair proper functioning of the latch. Under tightening will cause the latch to wobble.



Caution:
The escutcheon has a one way "tinnerman clip". Once installed, it can not be removed

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Photo # 8



Inswing door latch for the 1", 2" and 4" thick doors. Note the hole in the side.



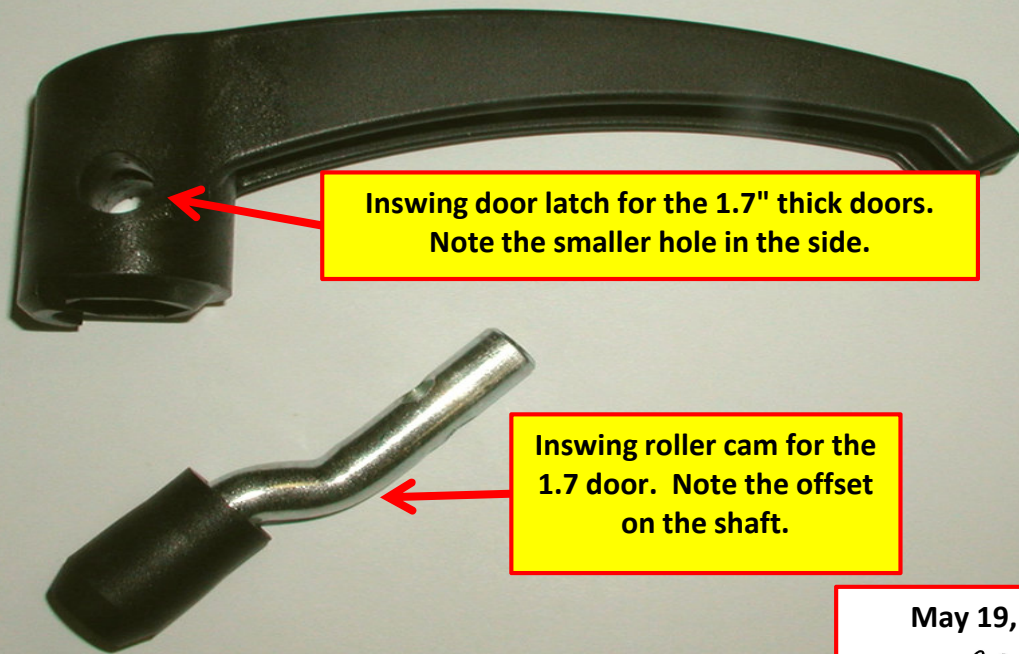
Inswing roller cam.

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Photo # 9



Inswing door latch for the 1.7" thick doors.
Note the smaller hole in the side.

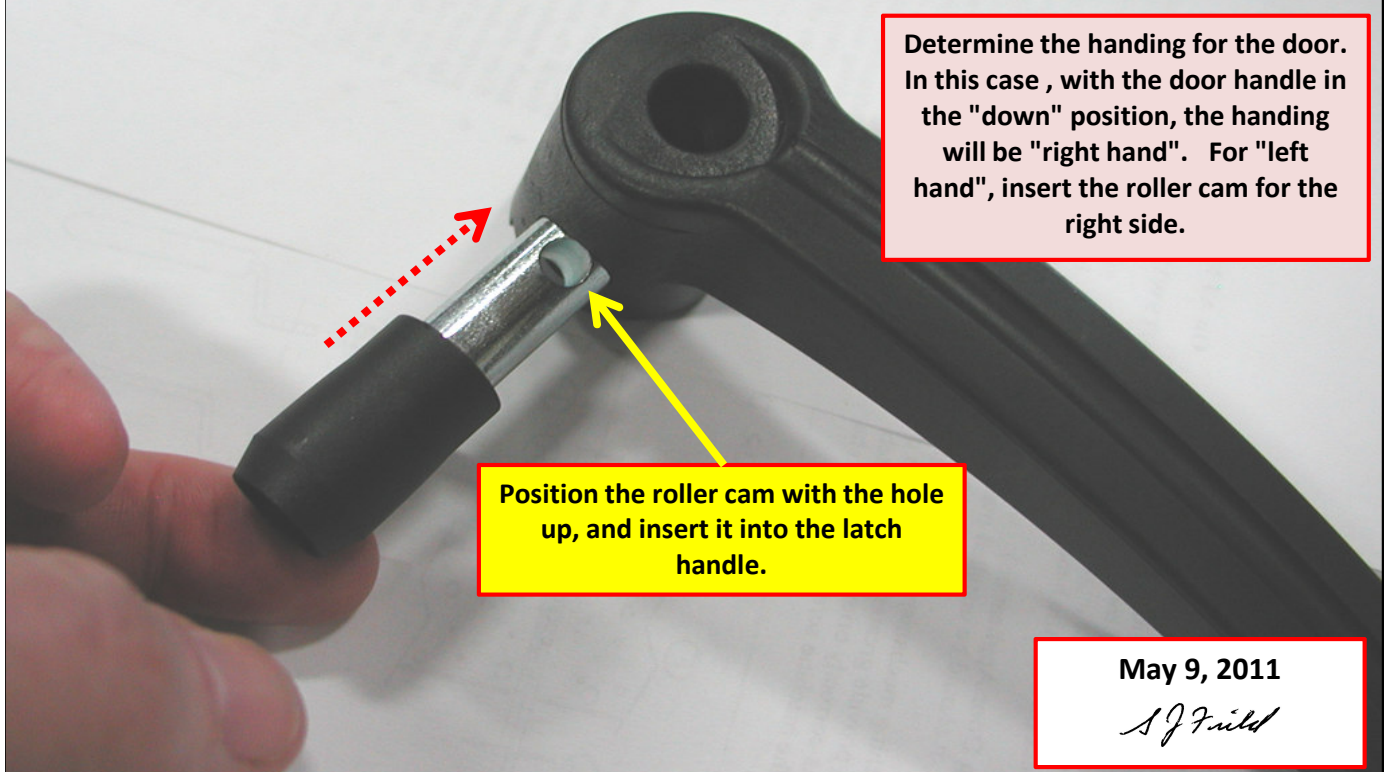
Inswing roller cam for the
1.7 door. Note the offset
on the shaft.

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Photo # 10



Determine the handing for the door.
In this case , with the door handle in
the "down" position, the handing
will be "right hand". For "left
hand", insert the roller cam for the
right side.

Position the roller cam with the hole
up, and insert it into the latch
handle.

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Photo # 11



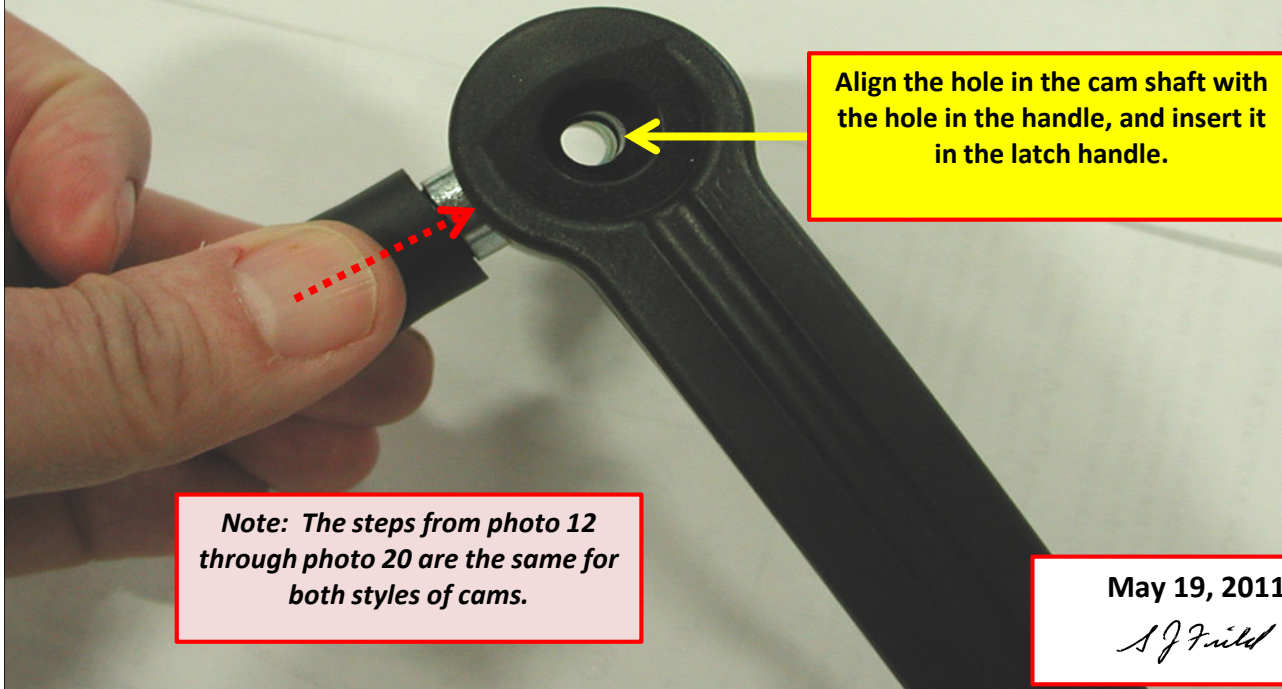
On the roller cam for the 1.7" door, position the roller cam with offset down, and insert it into the latch handle.

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Photo # 12



Align the hole in the cam shaft with the hole in the handle, and insert it in the latch handle.

Note: The steps from photo 12 through photo 20 are the same for both styles of cams.

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Photo # 13

Insert the machine screw
into the latch handle / roller
cam shaft.

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Photo # 14

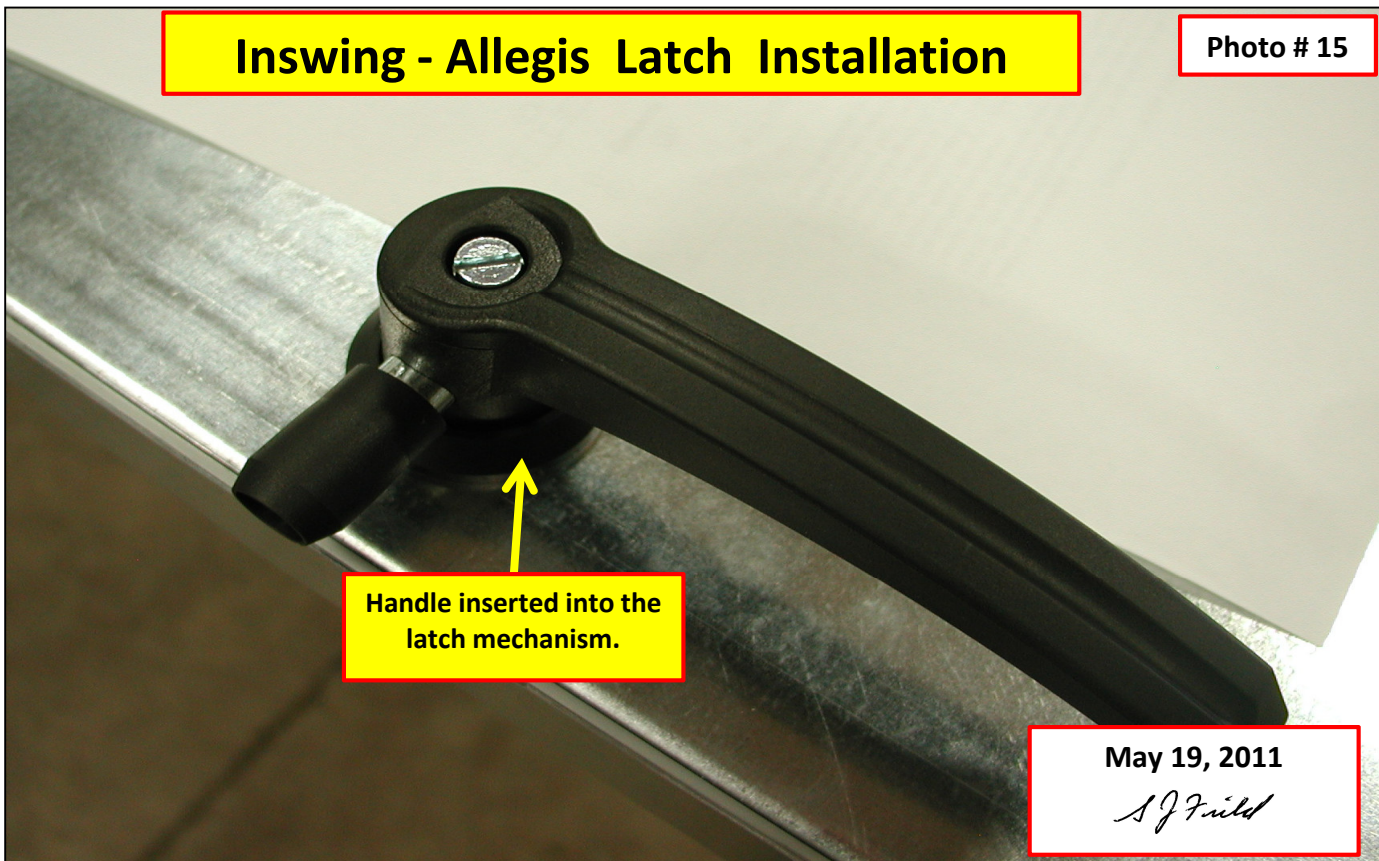
Line up the handle with
the latch mechanism on
the door.

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Photo # 15



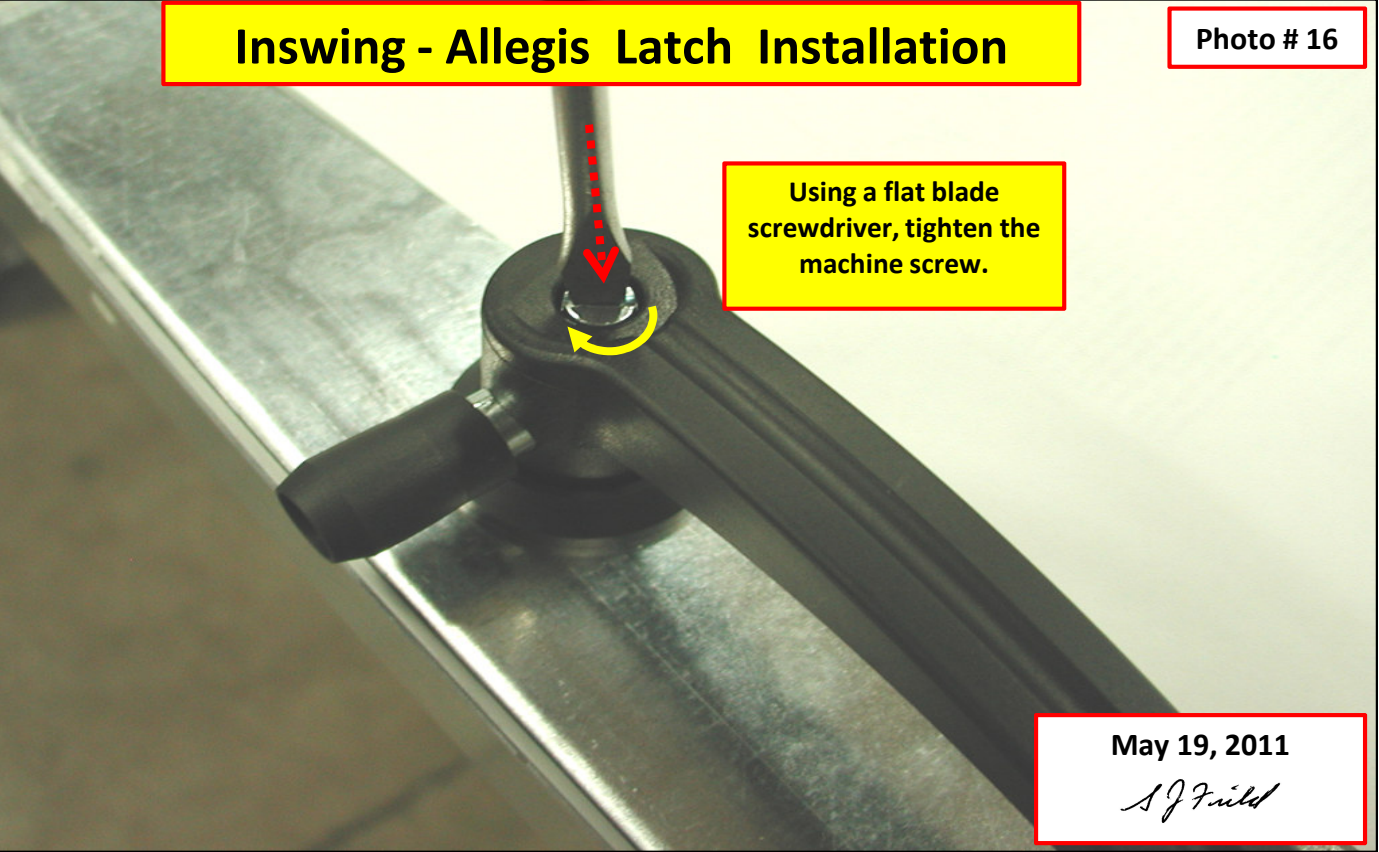
Handle inserted into the latch mechanism.

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Photo # 16




Using a flat blade screwdriver, tighten the machine screw.

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Photo # 17



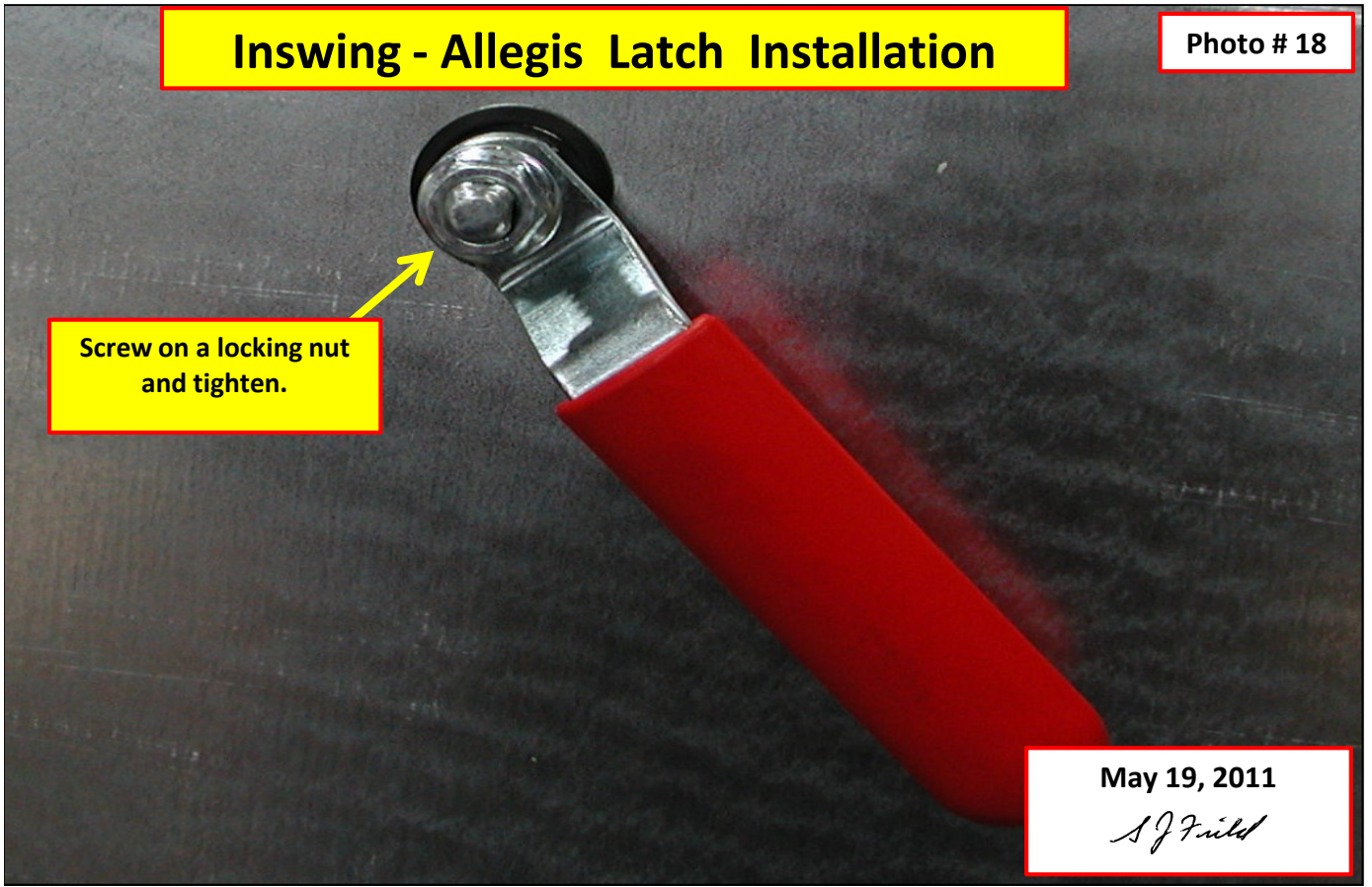
Take a red inside handle and attach it to the latch mechanism bolt on the inside of the door. Attach so the handle is down and away from the latch frame.

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Photo # 18



Screw on a locking nut and tighten.

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Photo # 19

When you are satisfied that the handle is correctly orientated in the latching mechanism, install the plastic cover plug.

Note: The inswing latch cannot be adjusted to provide greater compression on the gasket.

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Photo # 20

Photo shows completed install of the inswing Allegis latch for a "right hand" (inswing) door.

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