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Installation Instructions for TS2000 trim with Detex Wide Stile, Narrow Stile or Value Series exit devices

Dwg # 107900

Wide Stile
Rim (10) & SVR (20, 21)
Narrow Stile
Rim (40) & SVR (50, 51)
Value Series
Rim (V40) & SVR (V50, V51)

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Tools Required:

Safety glasses
Drill
1", 1/2", 3/8" drill bits
Tape measure
Center punch
Hammer
Pencil
Phillips screwdrivers & T15 Torx bit

Should you have a Question/Problem with your Detex device please call Detex Technical Support from job site at 1-800-729-3839 and choose option 2 on our menu. Please do not return the product to the distributor.

For **WARRANTY** information,
scan code below or
go to www.detex.com/warranty



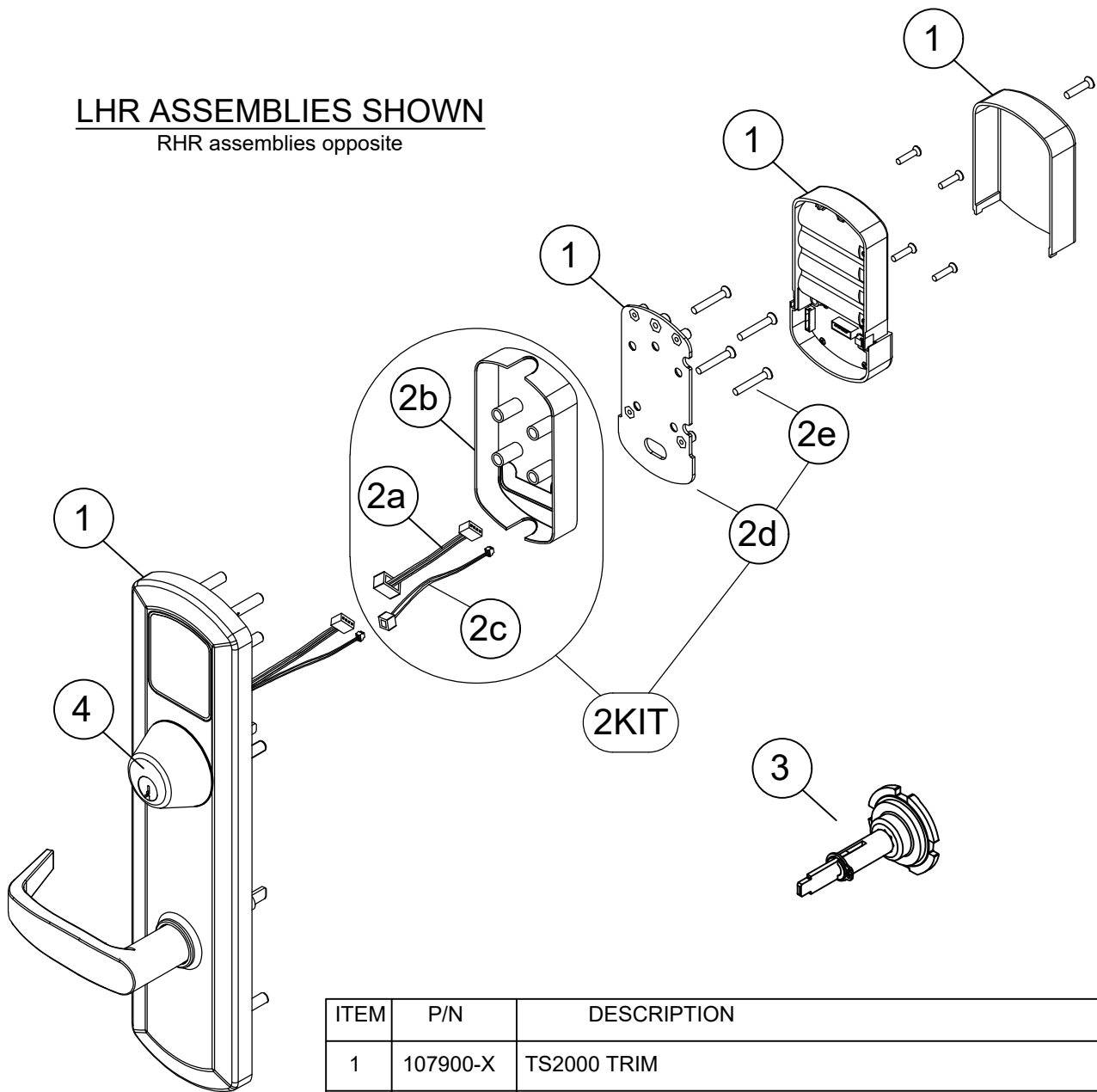
Owner's Copy

For device installation videos,
scan code below or
go to www.detex.com/videos



LHR ASSEMBLIES SHOWN

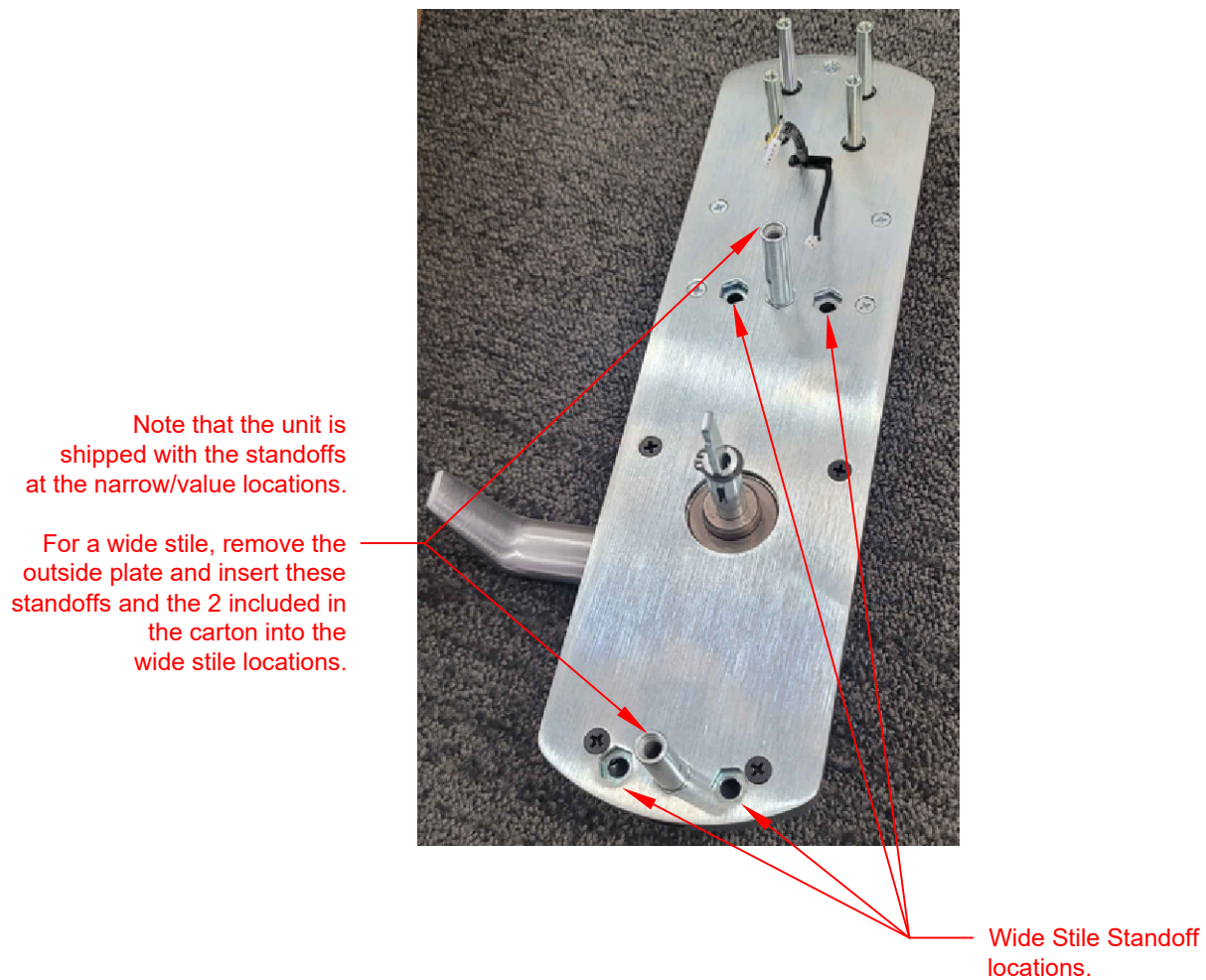
RHR assemblies opposite



ITEM	P/N	DESCRIPTION	QTY
1	107900-X	TS2000 TRIM	1
2KIT	107473-1	TS2000 SVR KIT, 626 SPACER & HARNESS (SVR only)	1
2a	107505	TS2000 SVR 5-WIRE HARNESS EXTENSION	1
2b	107506	TS2000 SVR SPACER 626	1
2c	107509	TS2000 SVR 2-WIRE HARNESS EXTENSION	1
2d	107510	TS2000 SVR BATTERY BACKPLATE	1
2e	107508	8-32 x 2" FHPMS	1
3	107474	TS2000 SHAFT KIT TAILPIECE EXTENSION FOR 3" DOOR	1
4	102281-7-X	KIT, MORTISE CYLINDER, 5 PIN, 26D	1

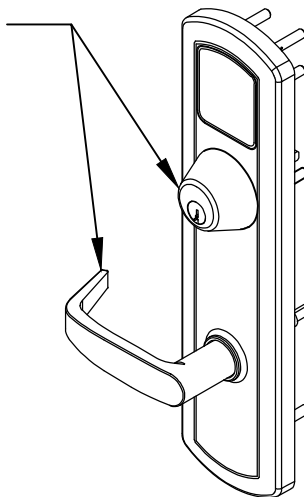
FOR ITEM 4
"-X" REFERS TO
KEY CODE AA THRU KK

WIDE STILE vs NARROW / VALUE STANDOFF LOCATIONS

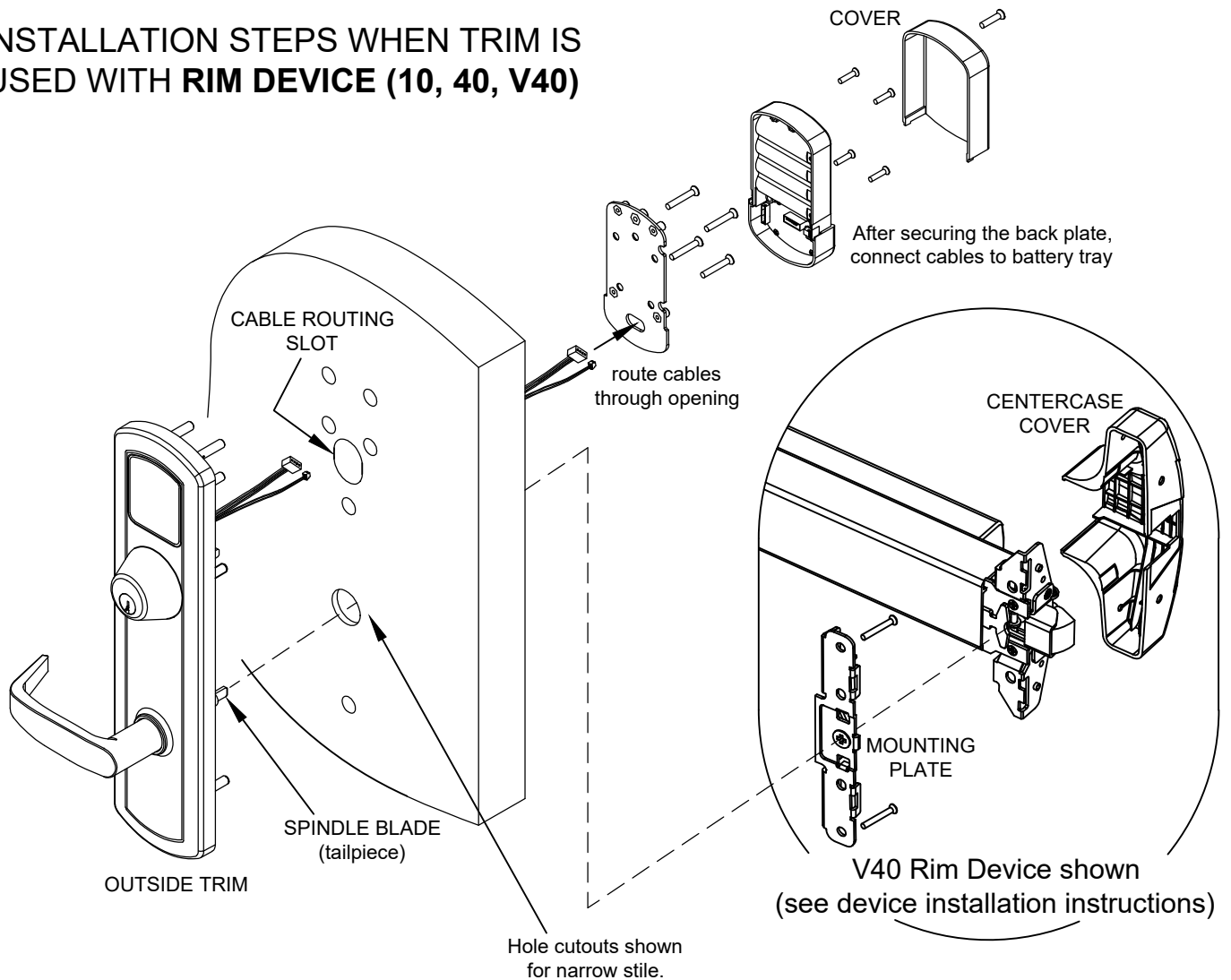


KEY vs LEVER ACTION

When using the key to unlock the lever, hold the key fully rotated while turning the lever.

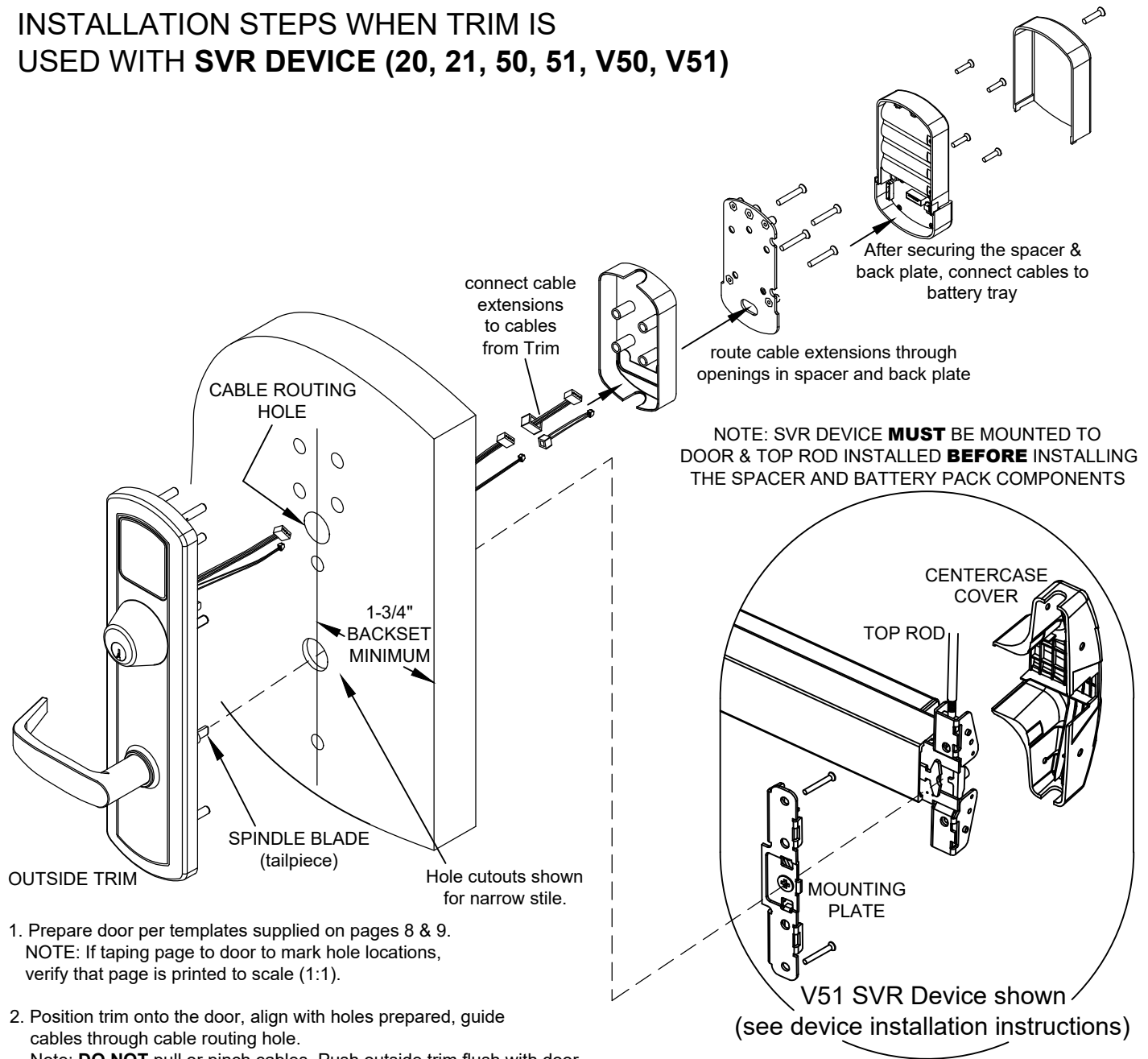


INSTALLATION STEPS WHEN TRIM IS USED WITH **RIM DEVICE (10, 40, V40)**



1. Prepare door per template supplied on page 7.
NOTE: If taping page to door to mark hole locations, verify that page is printed to scale (1:1).
2. Position trim onto the door, align with holes prepared, guide cables through cable routing hole.
Note: **DO NOT** pull or pinch cables. Push outside trim flush with door.
3. Position exit device mounting plate as shown and align with trim. Spindle blade (tailpiece) on trim to line up with drive on the device mounting plate. Secure with two 1/4-20x1" mounting screws supplied with exit device.
4. Route cables through the opening in the bottom of the Trim back plate & secure plate with 4 mounting screws supplied with trim.
5. Plug in the 2 cables into the battery tray. Push excess cabling back into the door cavity as much as possible.
Any additional excess cable can be folded into the cavity on the battery tray.
6. Place battery tray onto the back plate, push flush to the door. Note: Do not pinch cables. Secure with 4 mounting screws supplied with trim.
7. Install 4 AA alkaline batteries into the battery tray. Install cover on the battery tray and secure with 1 screw supplied with trim.
8. Finish installing the RIM device per device instructions.
9. Check lock for correct operation before closing the door.

INSTALLATION STEPS WHEN TRIM IS USED WITH **SVR DEVICE (20, 21, 50, 51, V50, V51)**



1. Prepare door per templates supplied on pages 8 & 9.
NOTE: If taping page to door to mark hole locations, verify that page is printed to scale (1:1).
2. Position trim onto the door, align with holes prepared, guide cables through cable routing hole.
Note: **DO NOT** pull or pinch cables. Push outside trim flush with door.
3. Position exit device mounting plate as shown and align with trim. Spindle blade (tailpiece) on trim to line up with drive on the device mounting plate. Secure with two 1/4-20x1" mounting screws supplied with exit device.
Mount the SVR device per device instructions up to and including installation of the top rod before proceeding to step 4.
4. Connect the cable extensions to the Trim cables protruding from the door. Feed the cable extensions through the rod spacer and Trim backplate (as shown above) and install the rod spacer and Trim back plate, securing them with 4 mounting screws supplied with trim.
5. Plug the 2 cables into the battery tray. Push excess cabling back into the door cavity as much as possible. Any additional excess cable can be folded into the cavity on the battery tray.
6. Place battery tray onto the back plate, push flush to the door. Note: Do not pinch cables. Secure with 4 mounting screws supplied with trim.

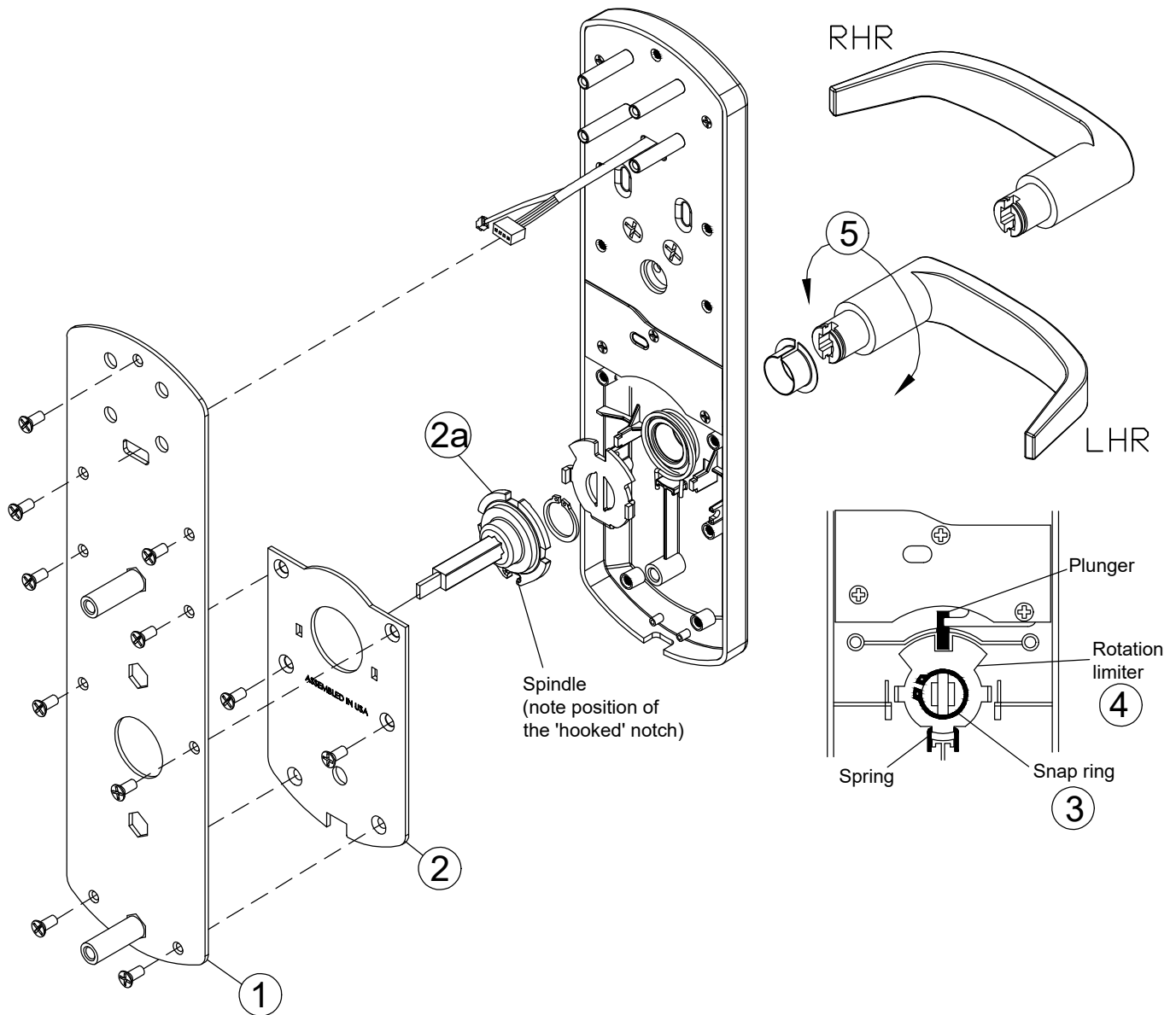
NOTE: SVR DEVICE **MUST** BE MOUNTED TO DOOR & TOP ROD INSTALLED **BEFORE** INSTALLING THE SPACER AND BATTERY PACK COMPONENTS

7. Install 4 AA alkaline batteries into the battery tray. Install cover on the battery tray and secure with 1 screw supplied with trim.

8. Finish installing the SVR device per device instructions.

9. Check lock for correct operation before closing the door.

RE-HANDING OF TRIM INSTALLING SHAFT SPINDLE TAILPIECE EXTENSION 3" DOOR

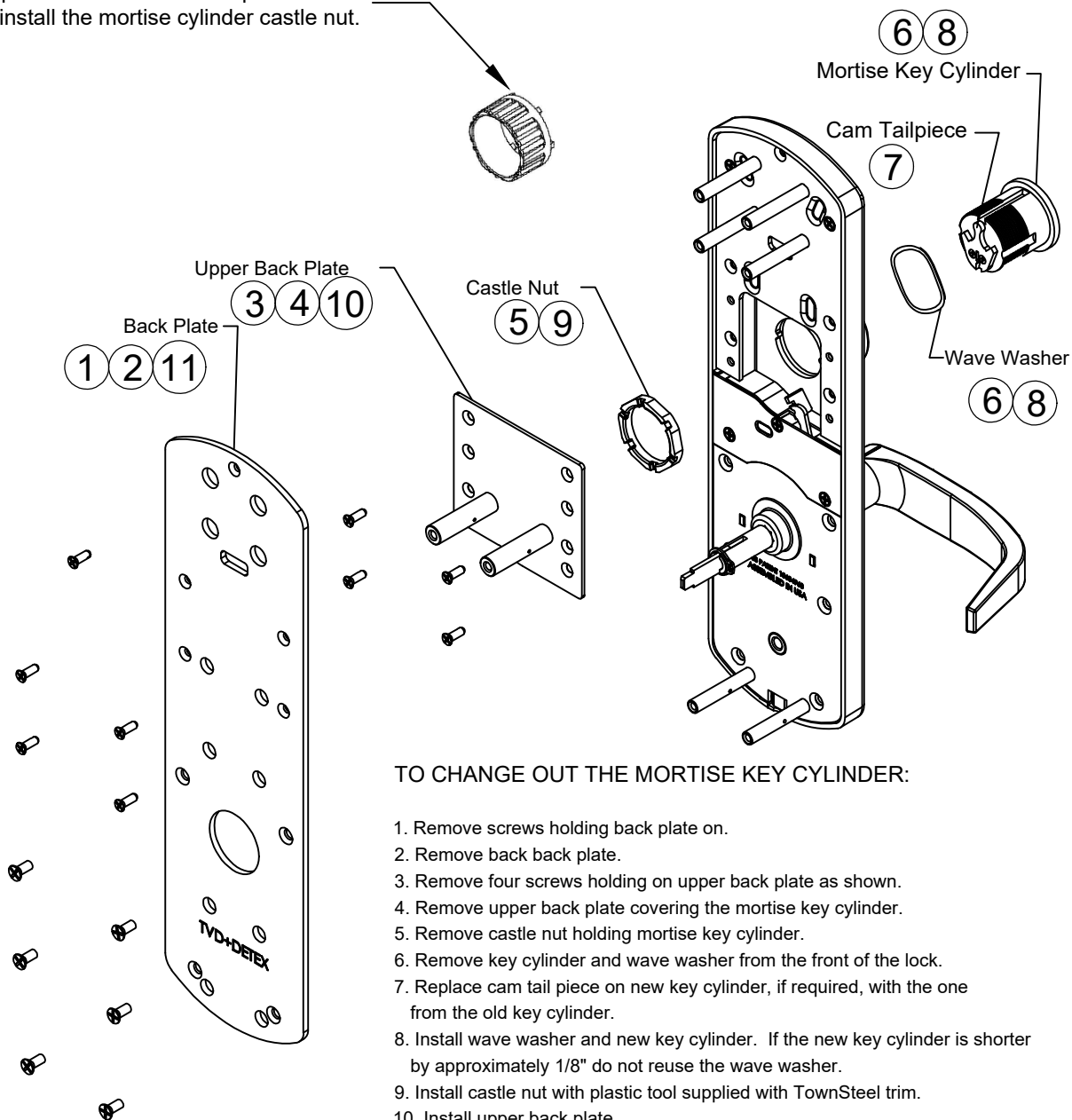


REHANDING & 3" DOOR SHAFT SPINDLE REPLACEMENT

1. Remove outside plate. Carefully work the cables out of the plate opening.
2. Remove lower inside plate. Note that spindle may fall free.
- 2a. If only replacing the shaft spindle for a 3" door, replace the part and reassemble.
Continue if re-handing.
3. Remove snap ring with snap ring pliers.
4. Push in on the rotation limiter to hold it, the plunger and spring in place.
5. Slide the lever out from the opposite side, rotate it 180° and re-insert it into the trim, aligning the vertical slot in the lever with the vertical bar of the limiter. Re-install the snap ring.
6. Check the function of the lever, verifying that it springs back to the horizontal position.
7. Reassemble components in reverse order of removal.

MORTISE CYLINDER REPLACEMENT

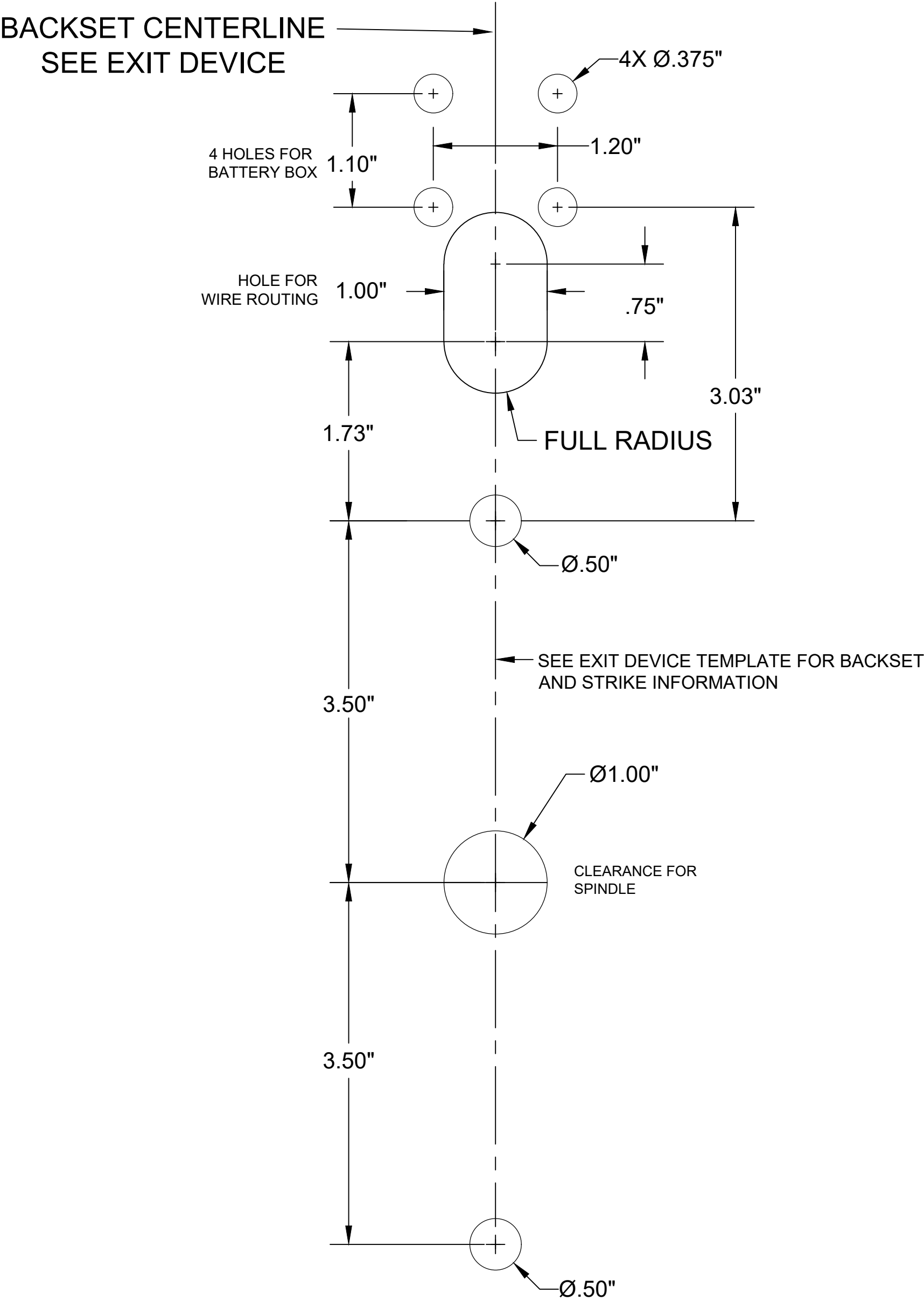
This plastic tool is used to help install and uninstall the mortise cylinder castle nut.



TO CHANGE OUT THE MORTISE KEY CYLINDER:

1. Remove screws holding back plate on.
2. Remove back back plate.
3. Remove four screws holding on upper back plate as shown.
4. Remove upper back plate covering the mortise key cylinder.
5. Remove castle nut holding mortise key cylinder.
6. Remove key cylinder and wave washer from the front of the lock.
7. Replace cam tail piece on new key cylinder, if required, with the one from the old key cylinder.
8. Install wave washer and new key cylinder. If the new key cylinder is shorter by approximately 1/8" do not reuse the wave washer.
9. Install castle nut with plastic tool supplied with TownSteel trim.
10. Install upper back plate.
11. Install back plate, test new mortise key cylinder.

TEMPLATE FOR TS2000 TRIM FOR DETEX **RIM** DEVICES
 ALL HOLES ARE THROUGH DOOR
 TEMPLATE SCALE IS 1:1 IF THIS MEASURES 1":



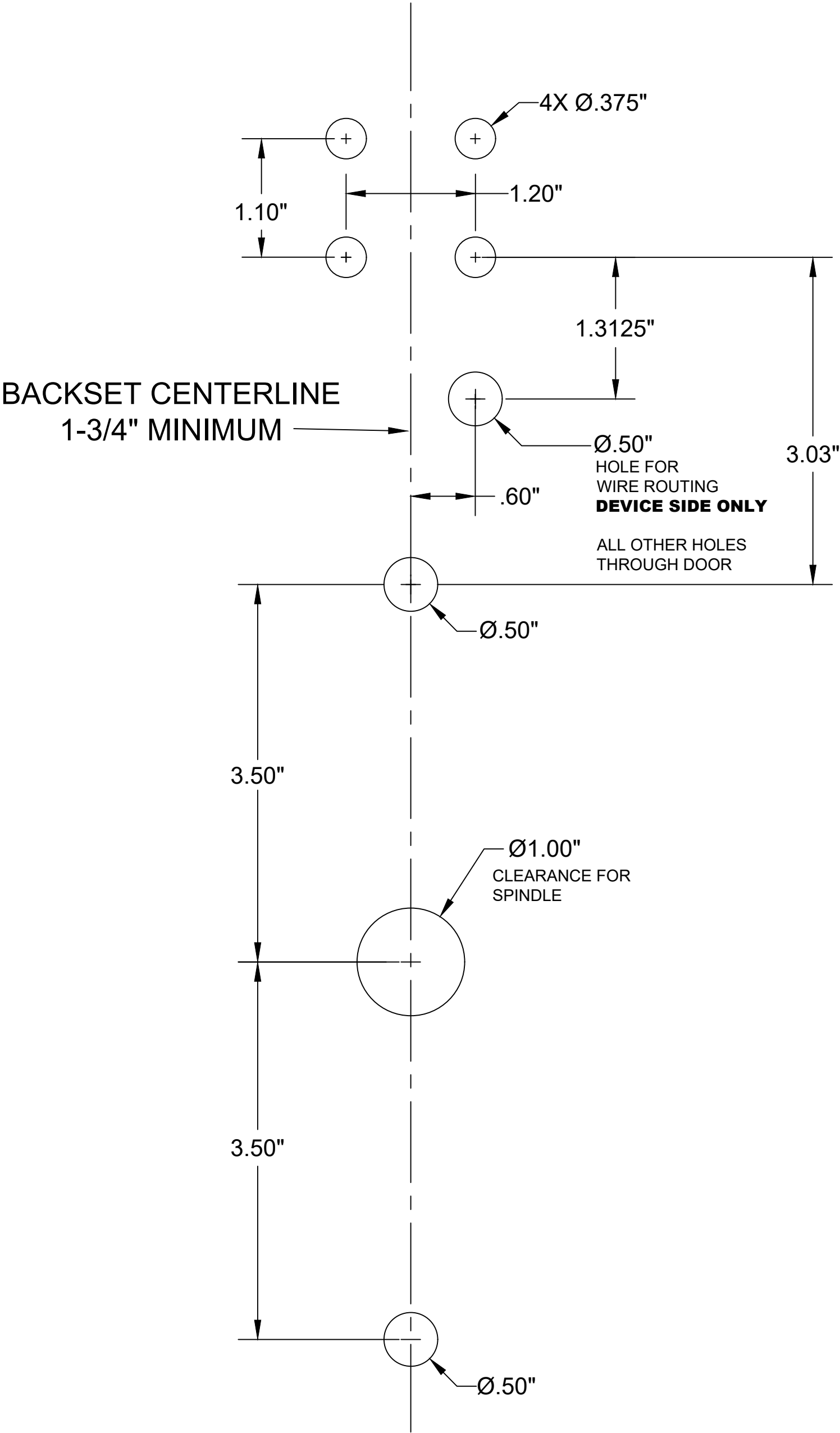
RESPONSIBILITY
 Door and Frame Manufacturers are responsible for providing adequate construction or reinforcements for proper installation of hardware shown.
 All architectural builders hardware must be installed on properly reinforced doors and frames, regardless of the type, material, or method of construction.

TEMPLATE FOR TS2000 TRIM FOR DETEX **SVR** DEVICES
EXIT DEVICE SIDE OF DOOR

ALIGN BACKSET CENTERLINE AND MARK HOLES

TEMPLATE SCALE IS 1:1 IF THIS MEASURES 1":

DOOR EDGE

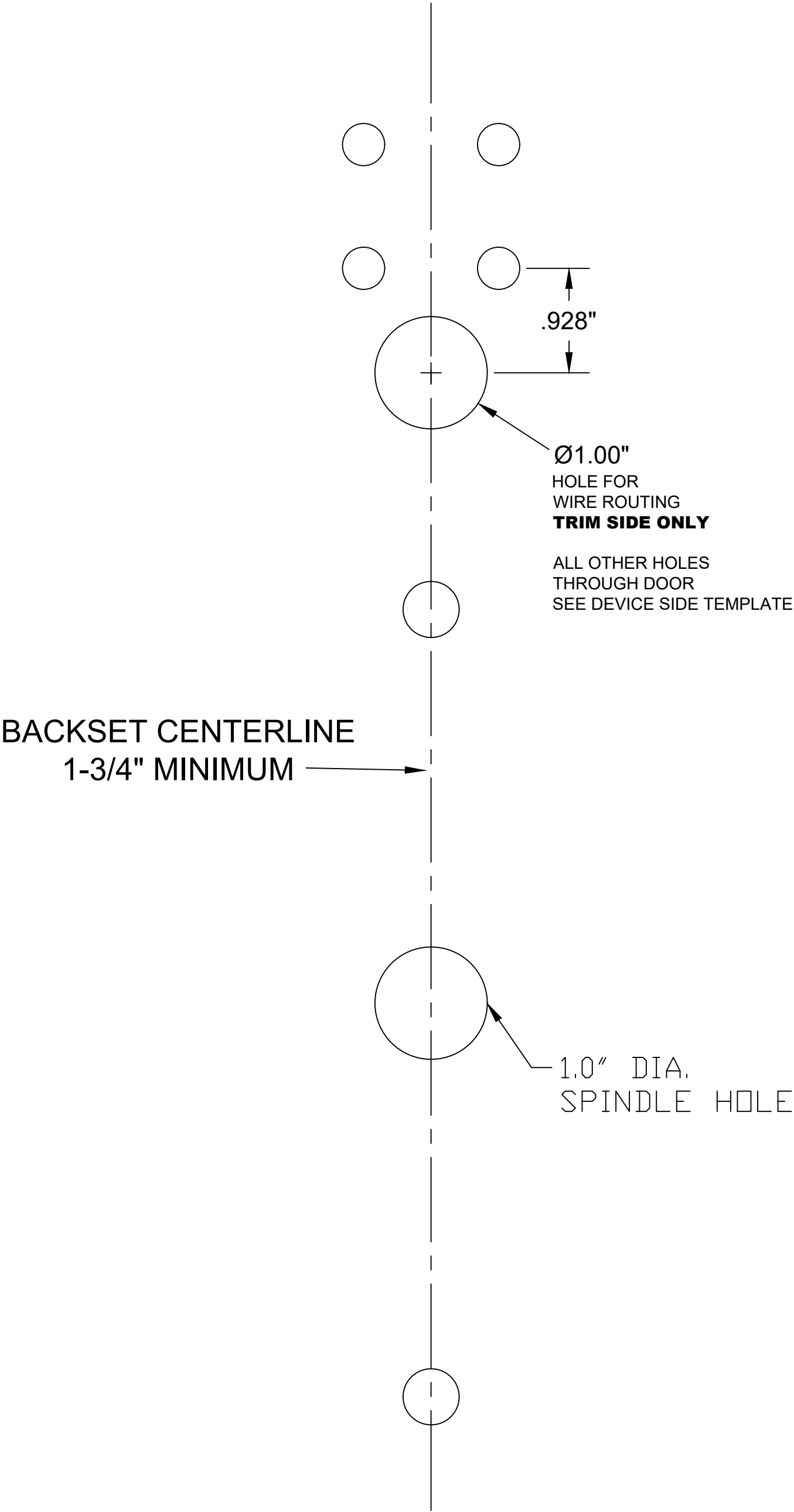
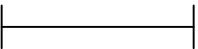


DOOR EDGE

TEMPLATE FOR TS2000 TRIM FOR DETEX **SVR** DEVICES
TRIM SIDE OF DOOR

ALIGN BACKSET CENTERLINE AND MARK HOLES

TEMPLATE SCALE IS 1:1 IF THIS MEASURES 1":



DOOR EDGE

DOOR EDGE