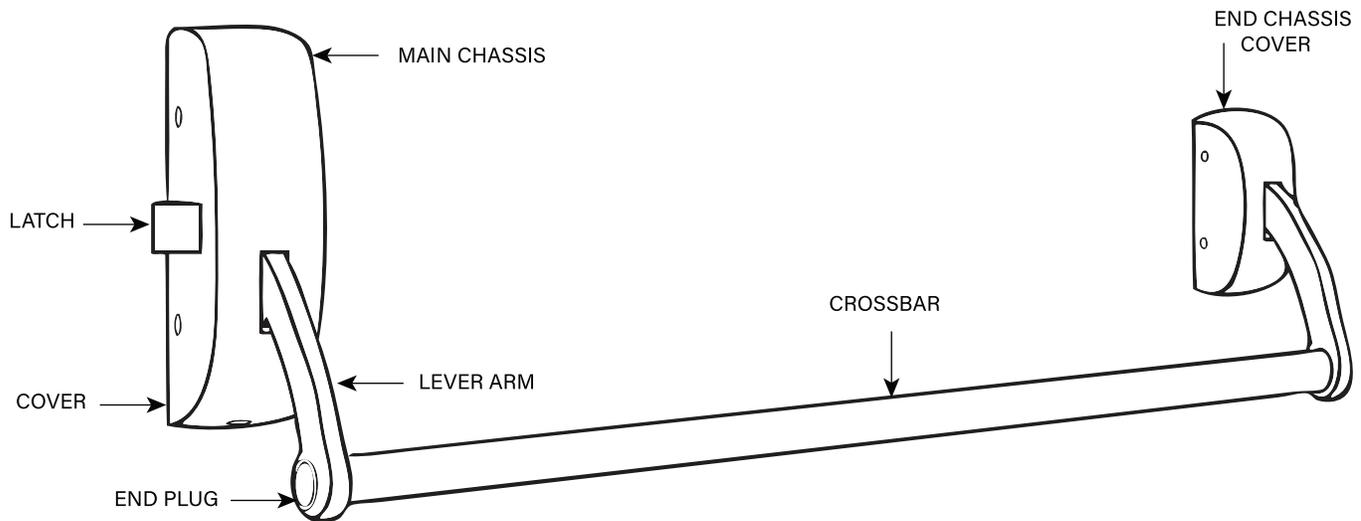


INSTALLATION SEQUENCE

1. Carefully read and understand the installation instructions, templates and door preparation BEFORE starting any installation or door preparation.
2. Prepare door for the installation of the exit device and any applicable trim.
3. Follow exit device and trim installation steps using supplied components and mounting hardware.
4. Test function and performance after installing each component.
5. Perform a function and performance test at completion of installation.



FUNCTION VARIATIONS

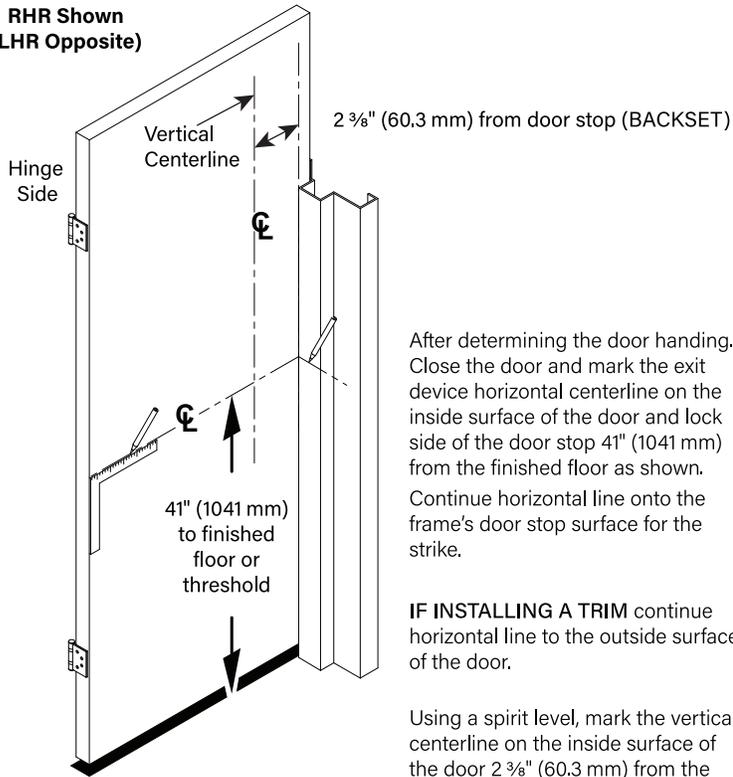
FUNCTION 1	FUNCTION 3	FUNCTION 4	FUNCTION 5
EXIT ONLY, NO EXTERIOR TRIM.	PASSAGE WITH EXTERIOR THUMBPIECE TRIM. LATCH ALWAYS FREE. LATCH OPERATED BY THUMB PIECE	(NIGHT LATCH) ENTRANCE WITH EXTERIOR PULL TRIM. ALWAYS LOCKED. LATCH OPERATED BY EXTERIOR RIM CYLINDER.	ENTRANCE WITH THUMBPIECE TRIM. LATCH OPERATED BY THUMBPIECE, UNLESS LOCKED BY EXTERIOR RIM CYLINDER.

GENERAL NOTES

1. The door surface must be flat within $\frac{1}{16}$ " (1.5 mm) and properly reinforced at the exit device mounting locations or have a solid wood door stile width of at least $4\frac{3}{4}$ " (121 mm). If door is not reinforced, the door surface may collapse or bow-in, causing malfunction in the exit device operation.
2. Door must be properly fitted and hung.
3. Use supplied templates for field installations. If available, use door preparation documents for door/frame manufacturing.
4. For wood doors or hollow metal doors use wood/sheet metal (wood screws), and for metal reinforced doors drill & tap to use machine screws. All threaded holes require a minimum metal thickness of $\frac{1}{8}$ " (3 mm) - refer to template for details.
5. Prepare the exterior of door using the trim template (or door preparation) and installation instructions.
6. We recommend samples be used to verify preparation before mass door or frame manufacturing.
7. NOT RESPONSIBLE for any physical or property damage due to incorrect / improper preparation or installation.
8. For warranty information please contact your product provider.
9. These instructions should be passed on to the owner/operator on completion of installation.

01. MARK CENTERLINES

RHR Shown
(LHR Opposite)



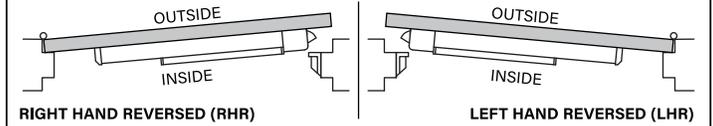
After determining the door handing. Close the door and mark the exit device horizontal centerline on the inside surface of the door and lock side of the door stop 41" (1041 mm) from the finished floor as shown. Continue horizontal line onto the frame's door stop surface for the strike.

IF INSTALLING A TRIM continue horizontal line to the outside surface of the door.

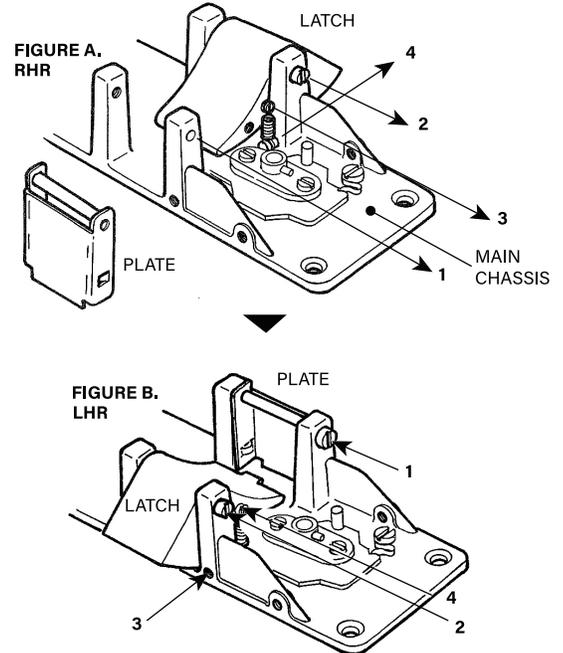
Using a spirit level, mark the vertical centerline on the inside surface of the door $2\frac{3}{8}$ " (60.3 mm) from the door stop as shown.

IF INSTALLING A TRIM check the same vertical lines on the outside surface of the door.

DETERMINE DOOR HANDING



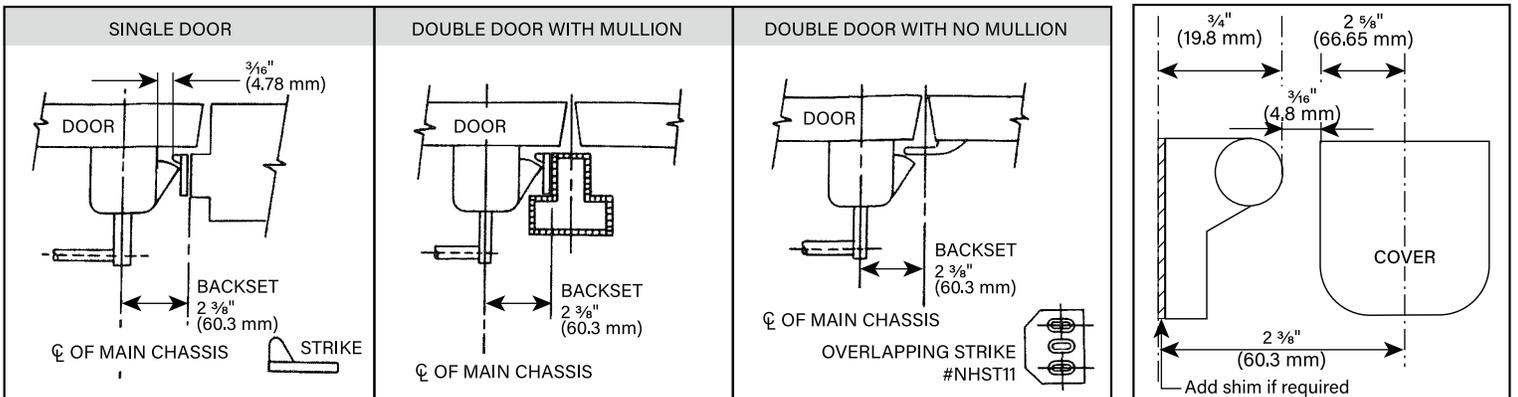
CHANGE HANDING (IF REQUIRED)



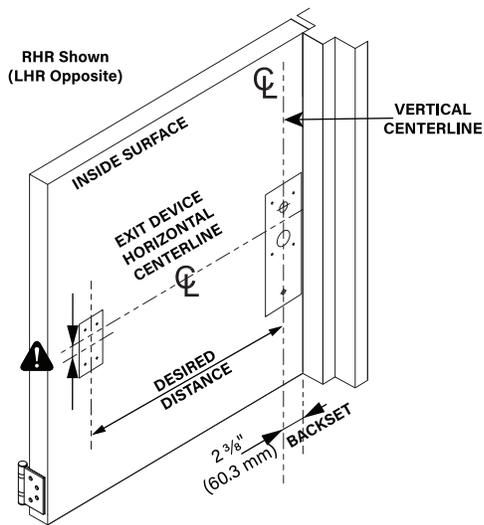
1. Remove bolts, screws and spring - Figure A. Steps 1 through 4.
2. Interchange latch and plate.
3. Reinstall bolts, screws and spring - Figure B. Steps 1 through 4.

02. INSTALL STRIKE

REFERRING TO THE INSTALLATION TYPES BELOW. Align the center of the strike with marked centerline of the device, and the edge of the strike with the edge of the door stop. Install the strike using provided #10-24 combo screws. If using NHST11 overlapping strike, please refer to those installation instruction included with the strike.



03. APPLY TEMPLATES & DRILL HOLES



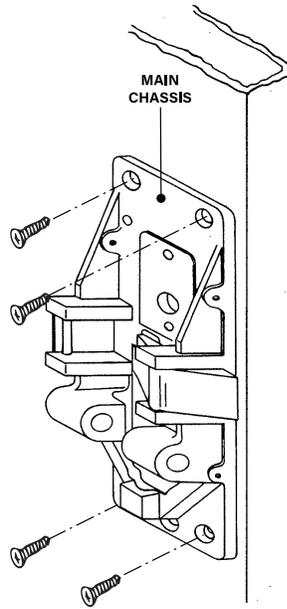
Using the marked centerlines from Section 01, apply the templates on the inside surface of the door and frame.

⚠ Please ensure that the end case template is positioned properly. The horizontal centerline of the end case is offset from the main chassis by 1 1/2" (38 mm).

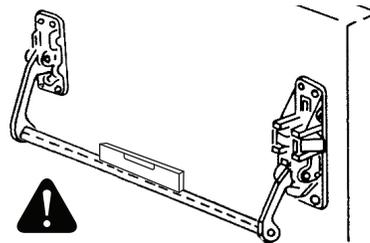
Pre-drill for wood screws or drill and tap holes and cut holes as indicated on templates.

IF INSTALLING A TRIM, drill exit device holes first, then drill the holes for the trims as indicated on the template.

04. INSTALL EXIT DEVICE

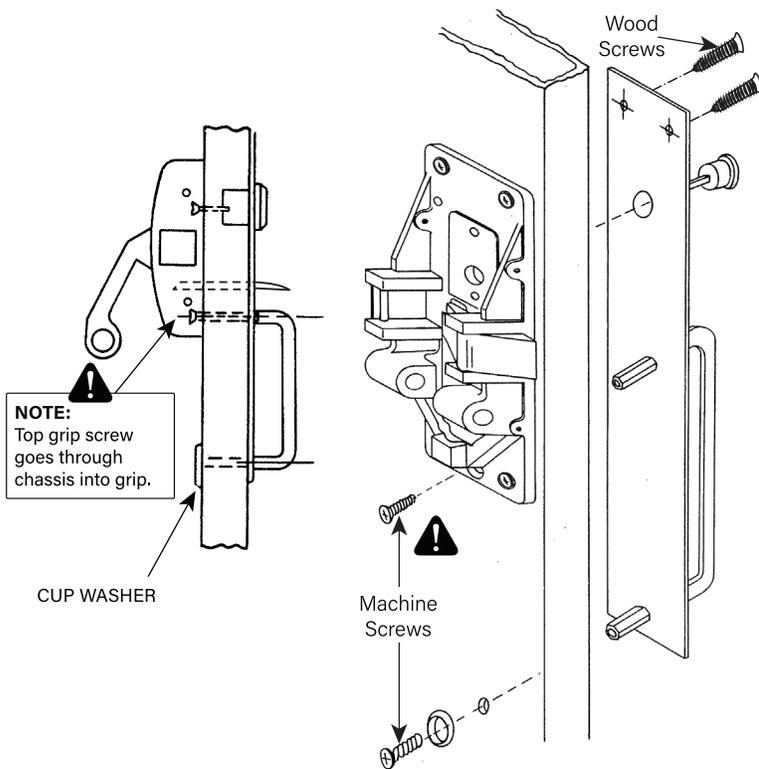


1. Remove main chassis and end case templates.
2. Remove covers from main chassis and end case.
3. Fix main chassis to the door using supplied wood or machine screws as shown.
4. Insert crossbar into the lever arm of the main case, and that of the end case.
5. Using the crossbar as a reference surface, use a level to ensure that the crossbar and end case are level.
6. Fix the end case to the door using supplied wood or machines as required.
7. Remove the crossbar before continuing.



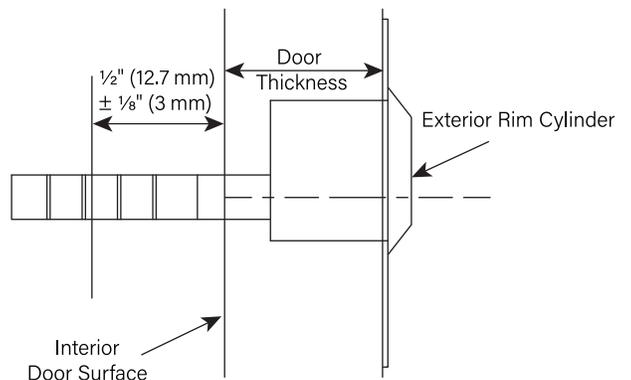
Use a level to ensure the crossbar is level **BEFORE** fixing the end case to the door.

05. INSTALL TRIM (IF REQUIRED)

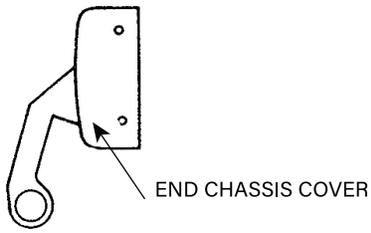


06. INSTALL RIM CYLINDER (IF REQUIRED)

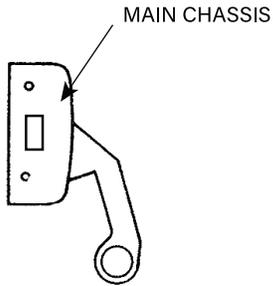
1. Cylinder tail piece must extend 1/2" (12.7 mm) from outside the surface of the door.
2. Trim tail piece as required.
3. Verify that the cylinder works as a Function #04 (Night Latch) or Function #05 (Entrance) when operated.



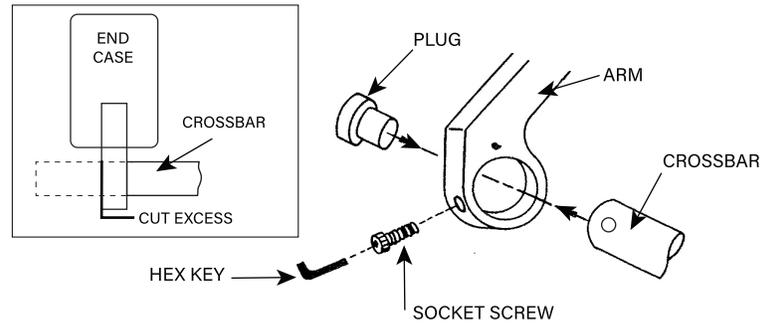
07. INSTALL COVERS



1. Install main chassis and end case covers using 4 screws.

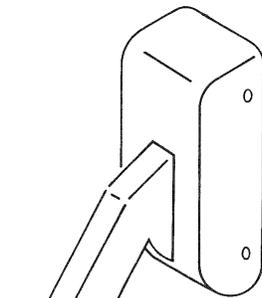


08. ASSEMBLE CROSSBAR



1. Insert crossbar through both lever arms.
2. Crossbar ends should meet flush with the outer surface of either arms as shown.
Trim and deburr cut if necessary, or if too short, order longer 48in (1219mm) crossbar (#NH926-48) and trim accordingly.
3. Using lever arm holes, drill hole into the crossbar for the screw.
4. Insert end plugs and align holes.
5. Secure with included socket screw as shown.

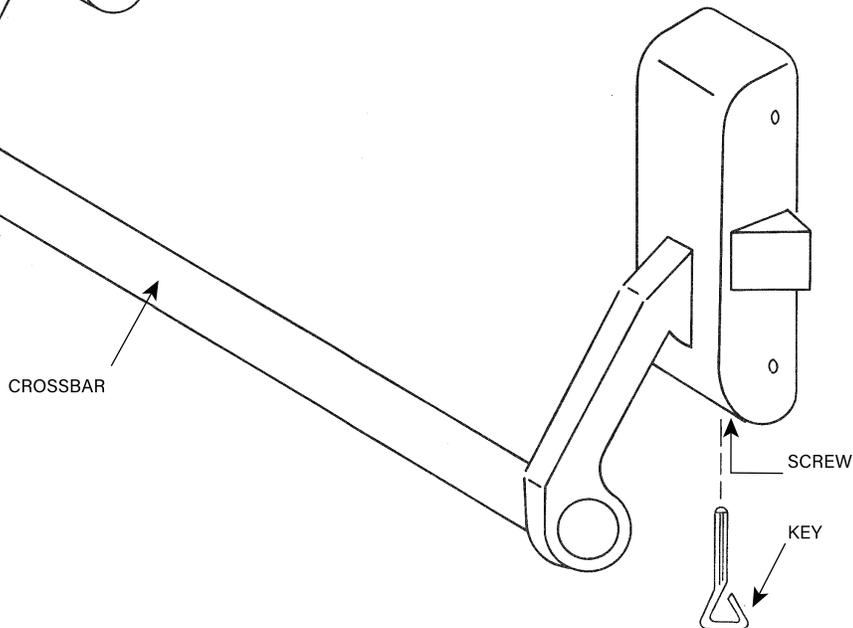
09. LATCH DOGGING (LOCKING THE CROSSBAR)



TO EXTEND THE LIFE OF THIS PANIC EXIT DEVICE- LOCK DOWN CROSSBAR WHEN DOOR IS IN CONTINUOUS USE.

TO LOCK:
HOLD CROSSBAR DOWN- INSERT AND TURN KEY, CW

TO UNLOCK:
HOLD CROSSBAR DOWN - INSERT AND TURN KEY, CCW



LATCH IS IN DOGGING POSITION AS SUPPLIED IN THE BOX UNLATCH TO RELEASE THE LATCH DURING INSTALLATION.