STOP AVOID ERRORS READ CAREFULLY STOP

PRODUCT MUST BE INSTALLED ACCORDING TO ALL APPLICABLE BUILDING AND LIFE SAFETY CODES

STEP NO. 1
TO LOCATE PIVOT ON FRAME, HOLD COMBINATION SQUARE IN CORNER OF FRAME AND PLACE INSTALLATION TEMPLATE AGAINST SQUARE EXACTLY AS SHOWN. SPOT HOLE CENTERS WITH CENTER PUNCH.

STEP NO. 2
DRILL HOLES REQUIRED AS PER SCHEDULE.

METAL FRAME
DRILL .2010 DIAMETER HOLES (NO. 7 DRILL) FOR 1/4-20 MACHINE SCREW AND TAP HOLE.

NOTE: IF MATERIAL THICKNESS IS NOT SUFFICIENT OR WHEN HOLLOW METAL FRAMES ARE NOT REINFORCED, USE #14 x 1 1/4" TYPE A SHEET METAL SCREWS.

WOOD FRAME
DRILL PILOT HOLES AND INSTALL WOOD SCREWS.

STEP NO. 3
WITH DOOR IN PLACE, CHECK TO BE SURE THAT HINGES ARE FIRMLY ATTACHED AND THERE IS PROPER CLEARANCE BETWEEN DOOR AND FRAME AT ALL SIDES, INCLUDING BOTTOM OF THE DOOR.

IF DOOR TENDS TO SAG AWAY FROM HINGE JAMB AT TOP, DRIVE WEDGES BETWEEN FRAME AND DOOR AT OPPOSITE STRIKE SIDE AND RE-ALIGN HINGES UNTIL DOOR IS PROPERLY POSITIONED TO SWING FREE.

STEP NO. 4
PLACE DOOR PORTION OF PIVOT (WITH PIVOT IN PLACE) ON DOOR AND MOVE INTO POSITION SO THAT PIN ENTERS BRONZE BUSHING. WHEN PROPERLY ALIGNED WITH LOWER PART MAKING LIGHT CONTACT WITH BEARING FLANGE, HOLD FIRMLY IN PLACE, PARALLEL WITH HEAD OF DOOR AND MARK HOLE LOCATIONS.

STEP NO. 5
REPEAT DRILLING INSTRUCTIONS NOTED IN STEP NO. 2 FOR METAL DOORS, DRILL .2010 DIAMETER HOLES (NO. 7 DRILL) FOR 1/4-20 MACHINE SCREWS AND TAP HOLE.

NOTE: USE TWO SLEEVE BOLTS FURNISHED WITH EACH PIVOT. USE AS REQUIRED FOR HOLLOW METAL, OR MINERAL CORE DOORS. (SEE FIG. 3) DRILL 1/4" HOLE THRU DOOR. ENLARGE HOLE ON SIDE OPPOSITE PIVOT TO 3/8" DIAMETER FOR SLEEVE BOLT.

FIGURE 1
(LEFT HAND SHOWN)

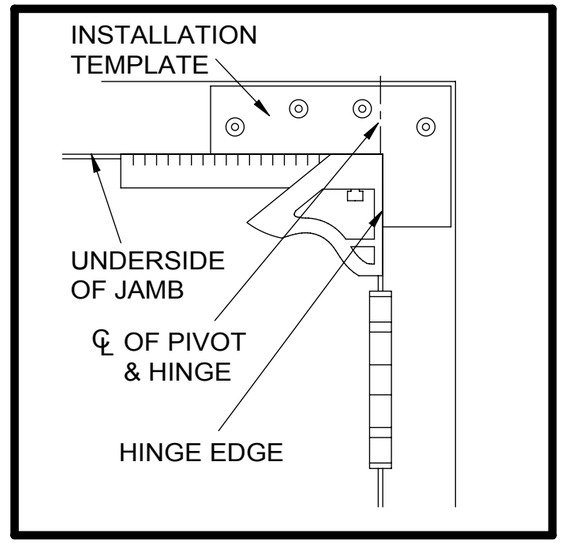


FIGURE 2
(LEFT HAND SHOWN)

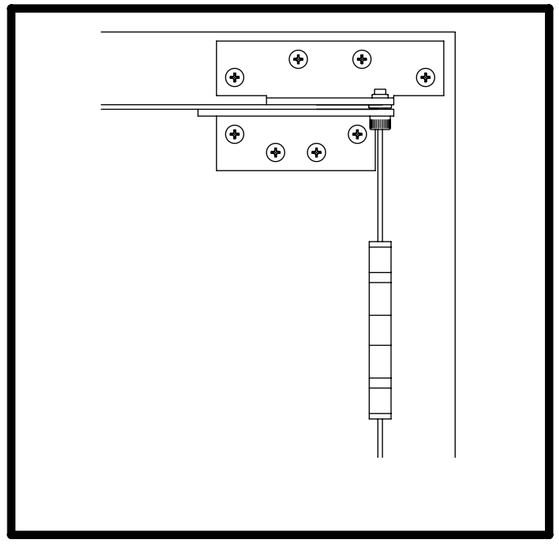
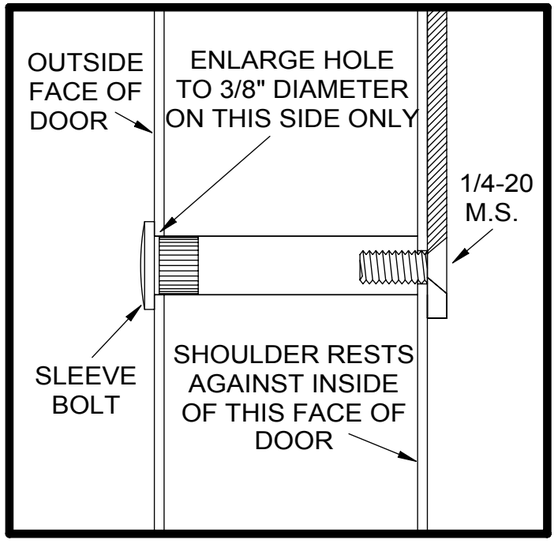


FIGURE 3



Adams Rite
ASSA ABLOY
Adams Rite Manufacturing Co.
10027 S. 51st Street, Suite 102
Phoenix, AZ 85044
Phone: 800-872-3267
www.adamsrite.com

FULL SURFACE REINFORCING PIVOT HINGE (B1921/B1923)

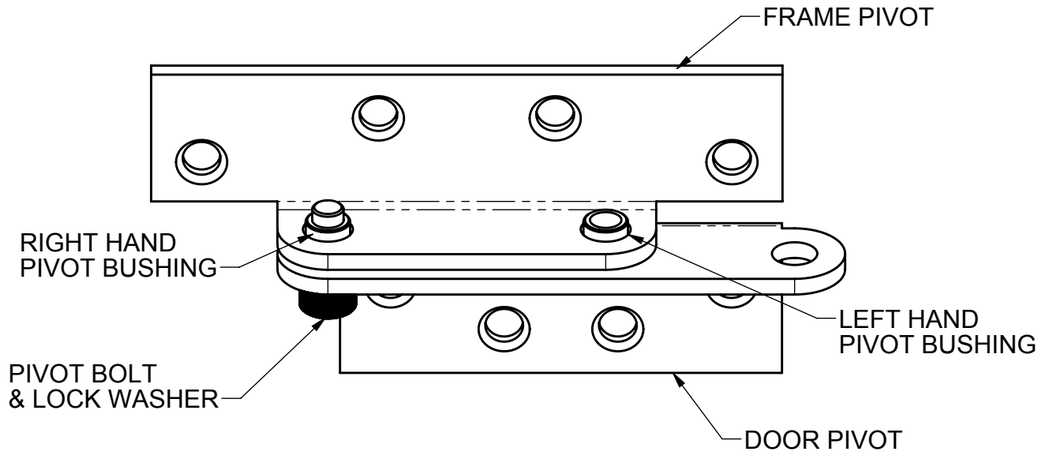
INSTALLATION INSTRUCTIONS

80-0180-1923 Rev. E ECN: M1227 Date: 07/15/11

PRODUCT MUST BE INSTALLED ACCORDING TO ALL APPLICABLE BUILDING AND LIFE SAFETY CODES

B1921 / B1923 PIVOT ASSEMBLY

(RIGHT HAND SHOWN).



STEP 1

TO CHANGE THE HANDING:
- REMOVE THE PIVOT BOLT AND LOCK WASHER USING ALLEN KEY #5/16 FOR B1921 AND #3/8 FOR 1923 (Fig.1)

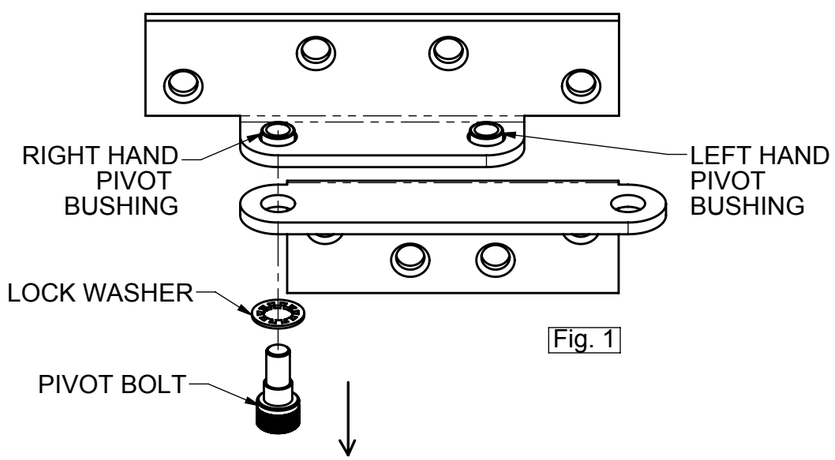


Fig. 1

STEP 2

- SECURELY FASTEN LOCK WASHER AND PIVOT BOLT TO DOOR PIVOT AT THE DESIRED HANDING.
- REPOSITION THE DOOR PIVOT USING THE ALTERNATE BUSHING ON THE FRAME PIVOT. (Fig. 2 SHOWS THE B1921 / B1923 PIVOT ASSEMBLY AS BEING LEFT HANDED).

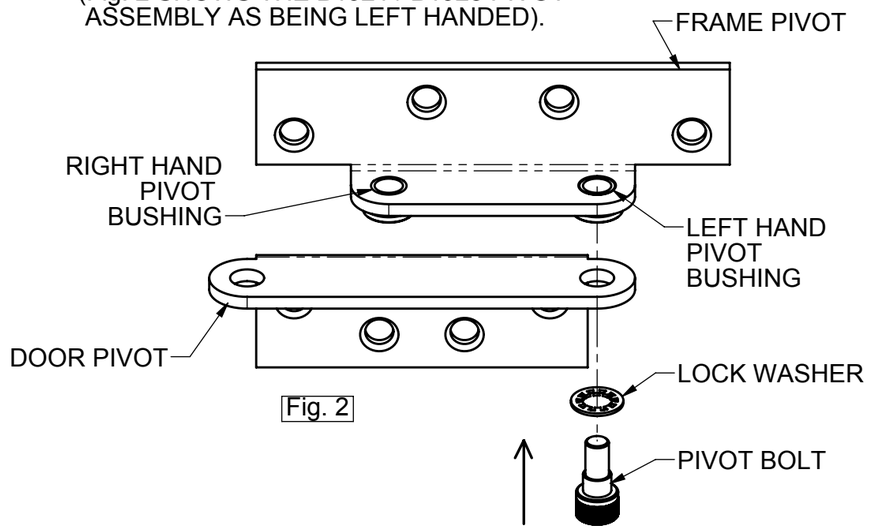


Fig. 2

STEP 3

- REMOVE THE PIVOT BUSHING THAT IS NOT BEING USED TO PREVENT INTERFERENCE. (Fig. 3 SHOWS THE B1921 / B1923 PIVOT ASSEMBLY AS BEING LEFT HANDED).

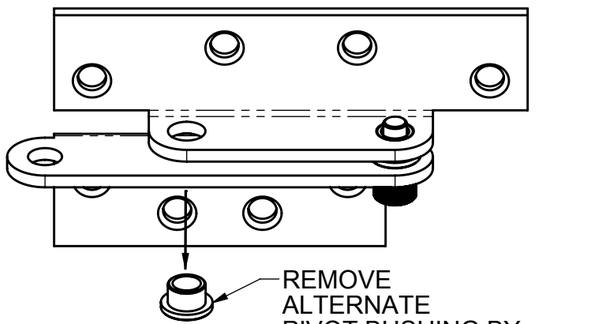


Fig. 3