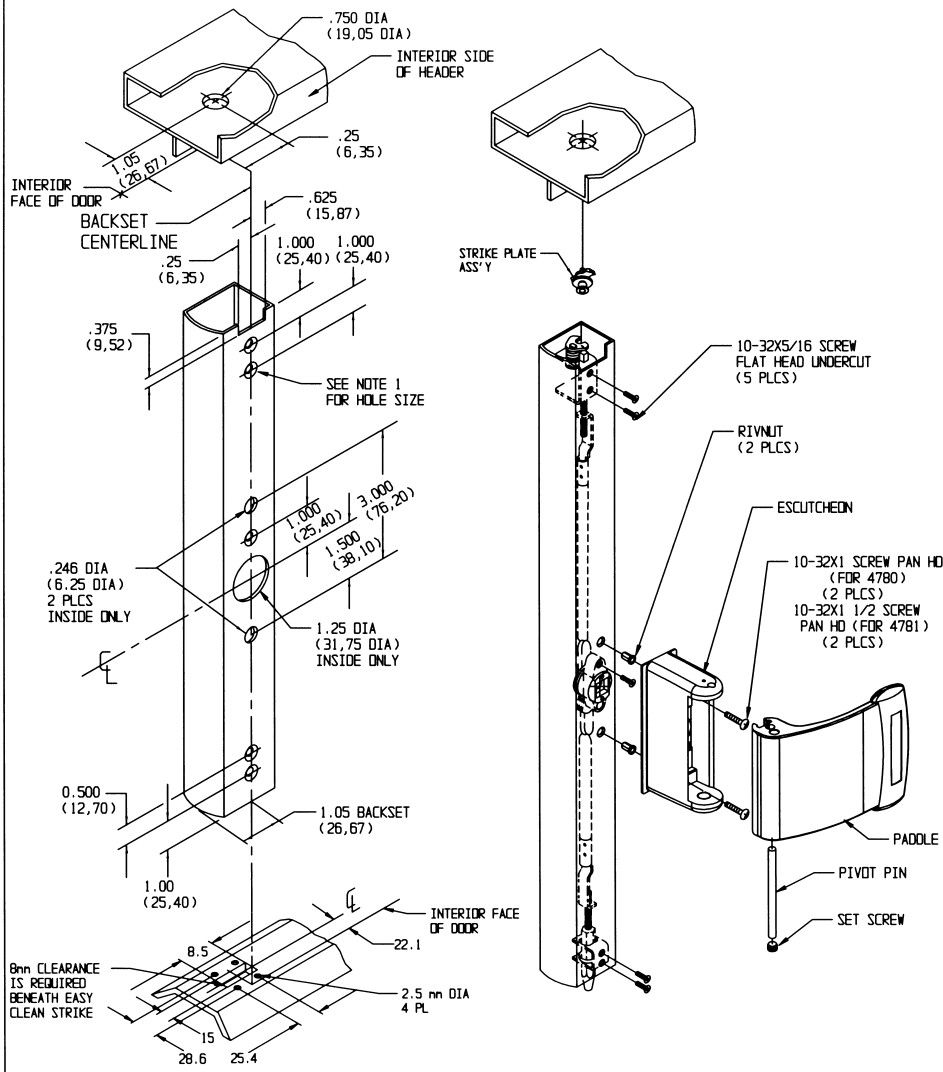


CONCEALED VERTICAL ROD & PADDLE

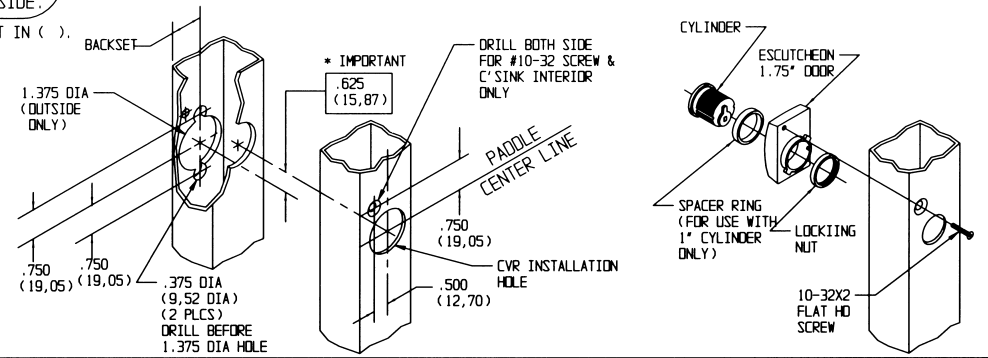


NOTE 1: DRILL AND COUNTERSINK 5 HOLES FOR #10-32 FLAT HEAD SCREWS, INSIDE ONLY.

**IMPORTANT!**  
FOLLOW THE INSTALLATION  
INSTRUCTIONS ON THE OPPOSITE SIDE.

ALL DIMENSIONS IN INCH WITH MM EQUIVALENT IN ( ).

AMERICAN MORTISE CYLINDER



Recommendations for the Installation and Fixing of Adams Rite  
Emergency Push Pad Escape Devices

- The Adams Rite emergency push pad series are manufactured in accordance with BS EN 179:1998+A1: 2001 and will provide a high degree of safety and reasonable security provided they are correctly fitted to doors and frames that are in good condition. It is not recommended that emergency exit devices be fitted to hollow core doors. The door (s) should be checked to ensure correct hanging and freedom from binding.
- Adams Rite emergency push pad series are not designed for fire/smoke door applications.
- Care should be taken to ensure that any seals or weatherstripping fitted to the complete door assembly does not inhibit the correct operation of the emergency exit device.
- On double doorsets with rebated meeting stiles and where both leaves are fitted with emergency exit devices, it is essential to check that either leaf will open when its emergency exit device is operated.
- The single point mortise and Euro cylinder versions are available in different backset sizes therefore it is important that the installer selects the correct size.
- Adams Rite emergency push pad series are classified as category 2 devices (low projection) and are suitable for situations where there is restricted width for escape, or where the doors to be fitted with the exit devices are not able to open beyond 90 degrees.
- Where an emergency escape device is fitted to a glazed door that glazing should be of tempered or laminated glass.
- The Adams Rite emergency push pad series are not designed double action (double swing) doors.
- The centerline of the push pad should normally be installed at a height of between 900 mm to 1100 mm from the finished floor level, when the door is in the secured position. Where it is known that the majority of the occupants of the premises will be young children, BS EN 179:1998+A1: 2001 states that consideration should be given to reducing the height of the operating element.
- The header mechanism and/or strike assemblies should be correctly installed, as per the fitting instructions, so as to provide secure engagement and compliance with BS EN 179:1998+A1: 2001. Care should be taken to ensure that no projection of the bolt heads, when in the withdrawn position, could prevent the door swinging freely.
- Where emergency devices are to be fitted to double doorsets with rebated meeting stiles and self-closing devices, a door coordinator device according to BS EN 1158 should be fitted to ensure the correct closing sequence.
- No devices for securing the door in the closed position other than within BS EN 179:1998+A1: 2001 should be fitted unless prior consent has been obtained from approving authorities. Please note that this does not preclude the installation of self-closing devices.
- BS EN 179:1998+A1: 2001 requires that sign or pictogram is fitted to either the inside face of the door immediately above the operating element, or on the operating element if it presents sufficient flat surface to take the size of the lettering required. A "push to open" sign suitable for positioning immediately above the pad is provided for your convenience.

IN U.S.A.

ADAMS RITE MANUFACTURING COMPANY  
POMONA, CA. 91767

IN EUROPE

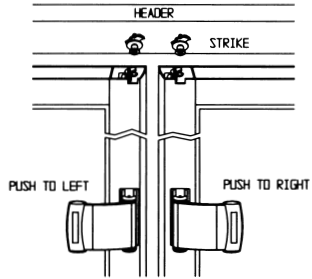
ADAMS RITE (EUROPE) LTD.  
SWANLEY, KENT, ENGLAND BR8 8TZ

CE CERTIFICATE OF CONFORMITY  
No. 1121-CPD-AB0012

4781 TWO-POINT LATCH

# INSTALLATION INSTRUCTION CHECKLIST

## 4781 TWO-POINT LATCH

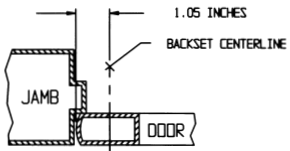


### IMPORTANT!

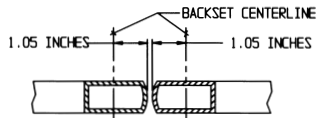
The rod mechanism is unhandled. It can be installed in either push to left or push to right without alteration. The doors' lead stile and header preparation are IDENTICAL *not* mirror image. Note in the sketch above that the yoke type bolt *always* faces right (as viewed from inside) and the strike post is toward the back of the backset centerline for *both* doors.

**NOTE** STEPS 1 THRU 5 ARE MORE EASILY ACCOMPLISHED IF DOOR IS NOT INSTALLED IN FRAME.

### HOW TO FIND BACKSET

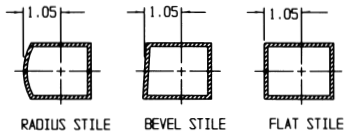


#### SINGLE DOOR

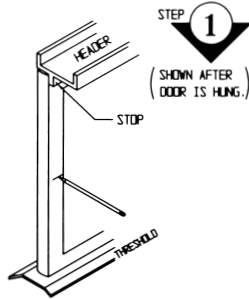


BEVEL STILE AND FLAT STILE APPLY TO SINGLE SINGLE DOOR ONLY.

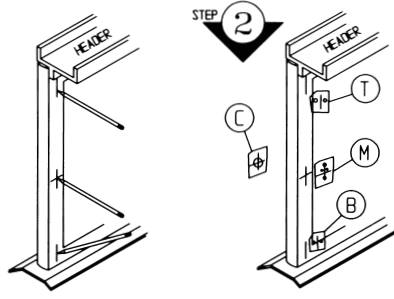
#### PAIR DOOR



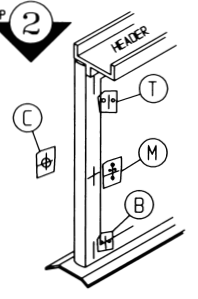
BACKSET IS MEASURED AT DOOR CENTERLINE, NOT THE EDGE.



MARK PADDLE HEIGHT ON INSIDE OF DOOR STILE (AND ON OUTSIDE, IF CYLINDER WILL BE FITTED).



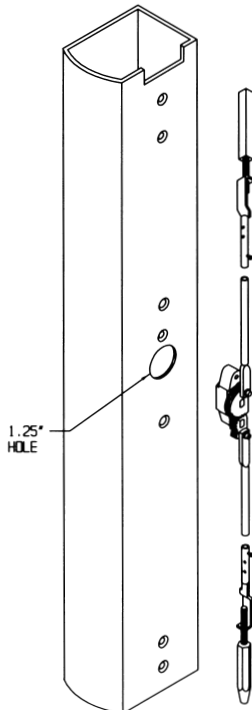
MARK BACKSET CENTERLINE AT TOP, PADDLE HEIGHT AND BOTTOM. (ALSO MARK ON OUTSIDE AT PADDLE HEIGHT IF CYLINDER TO BE FITTED).



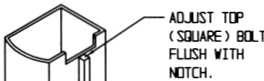
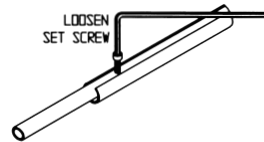
PEEL OFF BACKING AND APPLY CLEAR STICK-ON TEMPLATES OVER THE PENCIL LINES; NOTCH, DRILL AND COUNTERSINK WHERE SHOWN.



LAY ROD MECHANISM ON PREPARED DOOR WITH GEAR PLATES OUTWARD AND CASTING RESTING IN 1 1/4" DIAMETER HOLE IN DOOR AS SHOWN BELOW.



ADJUST RODS TO APPROXIMATE LENGTH. (ROUGH ADJUSTMENT FOR NOW)



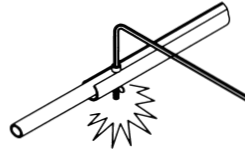
TOP BOLT THREADED ABOUT HALF-WAY IN (FOR NOW)



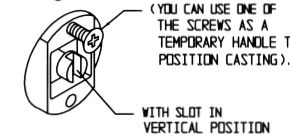
ADJUST BOTTOM BOLT FLUSH WITH BOTTOM OF DOOR.



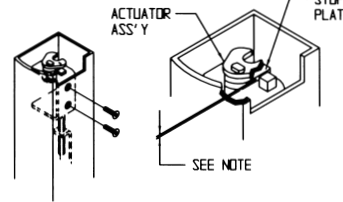
WHEN ROUGH ADJUSTMENT OF RODS IS CORRECT, TIGHTEN METAL-PIERCING SCREWS ALL THE WAY THRU TUBE. YES! ALL THE WAY THROUGH AND TIGHT.



SLIP ROD MECHANISM INTO DOOR AND SECURE WITH SCREW.



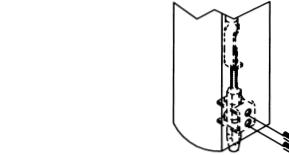
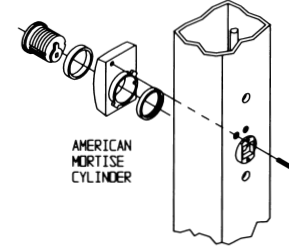
INSTALL TOP BOLT ACTUATOR ASSEMBLY AND SECURE WITH TWO SCREWS. WITH ASSEMBLY IN LOCKED POSITION AND PUSH BAR RELEASED, END OF SQUARE BOLT SHOULD ENGAGE STOP PLATE AS SHOWN. (FOR FINE ADJUSTMENT, REMOVE ACTUATOR ASSEMBLY, ADJUST BOLT UP OR DOWN AND REINSTALL ASSEMBLY.)



NOTE: SQUARE BOLT MUST BE FLUSH WITH TOP OF STOP PLATE TO 1/16" MAX. BELOW FLUSH.



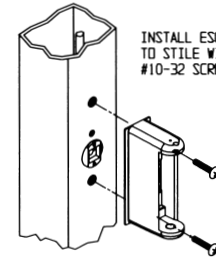
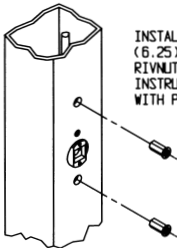
INSTALL CYLINDER KIT IF FITTED.



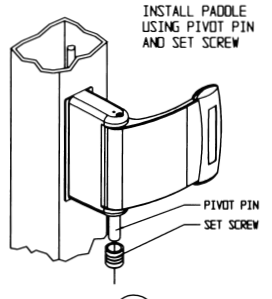
#8 X 19 mm FLAT HD WOOD SCREW (4 REQ'D) S226-08R12



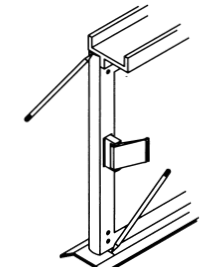
INSTALL RIVNUTS IN .246 (6.25) DIAMETER HOLES PER RIVNUT INSTALLATION INSTRUCTIONS PROVIDED WITH PADDLE OPERATOR.



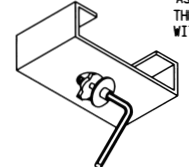
INSTALL ESCUTCHEON TO STILE WITH TWO #10-32 SCREWS.



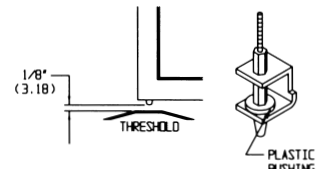
INSTALL DOOR IN FRAME. MARK BACKSET CENTERLINE ON HEADER AND THRESHOLD. ALSO MARK WHERE FACE OF CLOSED DOOR RESTS. APPLY CLEAR TEMPLATES (H) AND (E) AND DRILL STRIKE HOLES.



POSITION STRIKE PLATE ASSEMBLY ON HEADER. THEN, TIGHTEN SECURELY WITH HEX WRENCH.

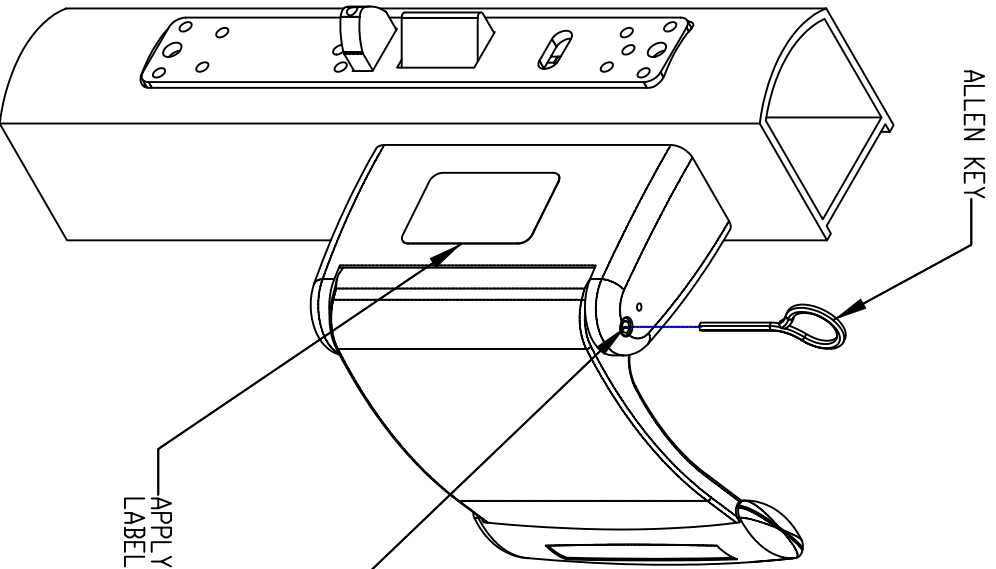


- (1) HOLD DOOR OPEN.
- (2) DEPRESS AND RELEASE PUSH BAR.
- (3) ADJUST BOTTOM BOLT SO IT CLEARS THRESHOLD BY 1/8" AS DOOR CLOSSES.
- (4) INSTALL BOTTOM GUIDE (PLASTIC BUSHING DOWN) AND SECURE WITH TWO SCREWS.



# 4591 / 4596 / 4781 DOGGING INSTRUCTIONS

(NOT TO BE USED WITH PULL HANDLE CONFIGURATION)



DEPRESS AND HOLD

TO DOG:

WHILE DEPRESSING PADDLE, USE A 1/8  
ALLEN KEY TO DRIVE SET SCREW INTO THE PADDLE  
UNTIL SNUG (APPROXIMATELY 2 ROTATIONS,CLOCKWISE)

TO UNDOG:

DEPRESS PADDLE, AND ROTATE DOGGING  
SCREW (APPROXIMATELY 2 ROTATIONS, ANTI CLOCKWISE)  
UNTIL PADDLE MOVES FREELY.



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