Universal Wall Box Installation
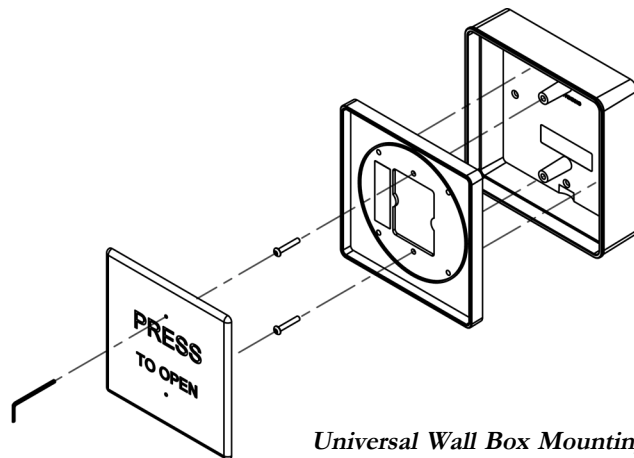

DORMA

Surface Mount Installation

Step 1. Determine wall switch mounting location based on wall construction, applicable standards and intended use. In high use and abuse areas, a solid mounting surface or additional reinforcement may be required behind the box.

Step 2. Punch out holes in box in areas indicated on the top view drawing by the notation "mounting screw punch outs."
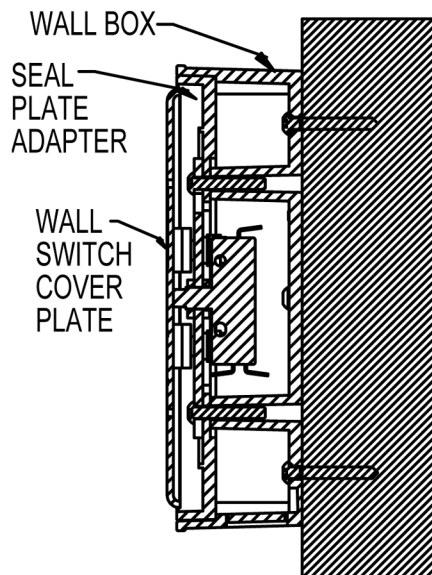
Step 3. Determine stud location in mounting area. Drill holes in mounting surface and into mounting stud.

Step 4. Insert appropriate fastener through box and into mounting surface and tighten securely. For mounting directly into a stud or solid wall, the recommended fastener is a #8-32 x 1" wood screw. For mounting into a hollow wall or surface, the recommended fastener is an #8-32 x 1" toggle bolt.
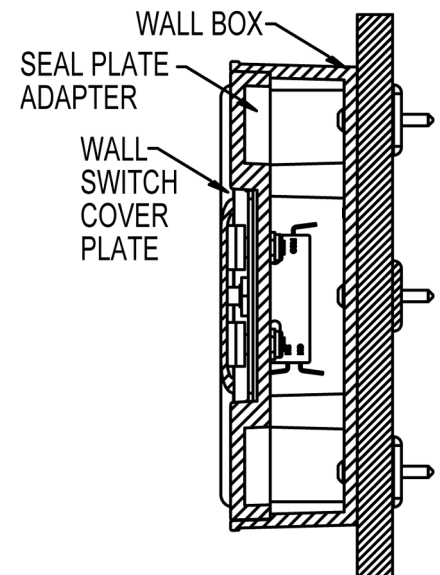
Step 5. Complete wall switch assembly using instructions included with your wall switch.
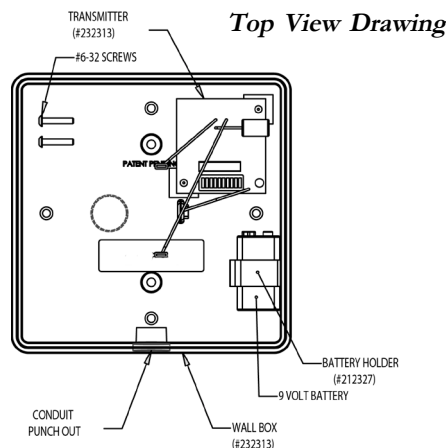
Note:

DORMA's Labor Saver System can be used to affix mounting boxes to partitions and walls where mechanical fasteners cannot be used. Read and follow the instructions that accompany the Labor Saver System

Observe all codes according to the authority having jurisdiction. Observe all manufacturers recommendations for safety and operation of their products. ANSI/BHMA standards that offer specific recommendations for each type and class of automatic door have been developed. To obtain a copy of the ANSI/BHMA standard that applies to your installation, visit www.buildershardware.com or www.ansi.org.

Universal Wall Box Mounting

WALL BOX
SEAL PLATE ADAPTER
WALL SWITCH COVER PLATE

WALL BOX
SEAL PLATE ADAPTER
WALL SWITCH COVER PLATE

Solid Wall Mounting Illustration   *Hollow Wall Mounting Illustration*

Top View Drawing

TRANSMITTER (#232313)
#6-32 SCREWS
PATENT PENDING
BATTERY HOLDER (#212327)
9 VOLT BATTERY
CONDUIT PUNCH OUT
WALL BOX (#232313)

AD10-March 2003

Universal Wall Box Installation

Flush Mount Installation

Step 1. Determine wall switch mounting location based on wall construction, applicable standards and intended use. In high use and abuse areas, a solid mounting surface or additional reinforcement may be required behind the box.

Step 2. Determine stud location in mounting area. Cut an access hole adjacent to stud for extra support. Access hole dimensions should be 6-3/4" square. Use the included template as your guide.

Step 3. Punch out holes in box in areas indicated on the top view drawing by the notation "mounting screw punch outs" (see reverse side).

Step 4. Slide the flush mounting ring over the mounting box.

Step 5. Thread two #8-32 screws through the pilot holes and into the retaining bracket. Do not tighten screws completely.

Step 6. Insert the mounting box and bracket into the access hole. The bracket is slightly larger than the access hole. Squeeze the sides of the bracket into the mounting box and gently force the bracket through the hole. Tighten both screws until the assembly is held tightly to the wall surface.

Step 7. Complete wall switch assembly using instructions included with your wall switch.

Observe all codes according to the authority having jurisdiction. Observe all manufacturers recommendations for safety and operation of their products. ANSI/BHMA standards that offer specific recommendations for each type and class of automatic door have been developed. To obtain a copy of the ANSI/BHMA standard that applies to your installation, visit www.buildershardware.com or www.ansi.org.

FLUSH MOUNTING BRACKET

FLUSH MOUNTING RING

UNIVERSAL WALL BOX

#8-32 MOUNTING SCREWS

SEAL PLATE ADAPTER

#6-32 WALL SWITCH MOUNTING SCREWS

WALL SWITCH

PRESS TO OPEN

Flush Mount Kit Assembly Illustration

FLUSH MOUNTING RING

WALL BOX

WALL SWITCH COVER PLATE

FLUSH MOUNTING BRACKET

MOUNTING SCREW

Flush Mounting Illustration

DORMA Architectural Hardware
DORMA Drive, Drawer AC, Reamstown, PA 17567
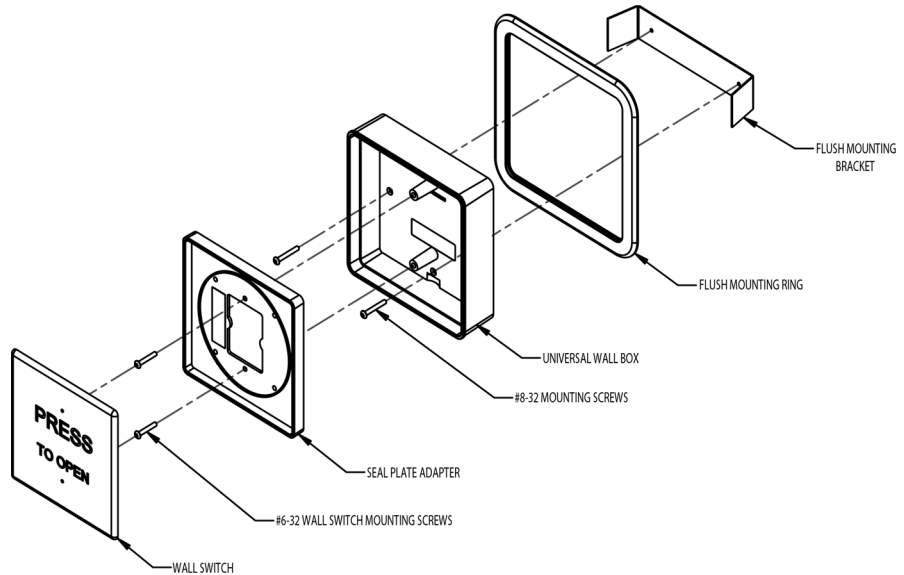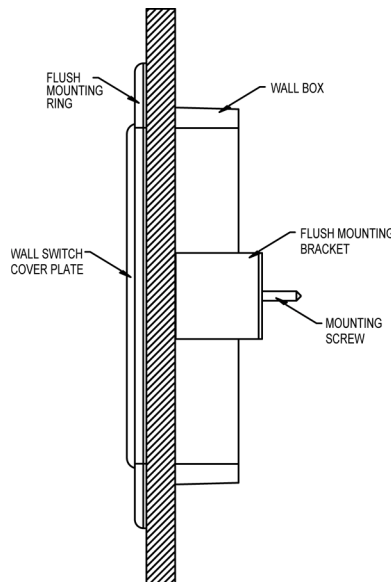Phone: 717-336-3881 Fax: 717-336-2106 Toll Free: 1-800-523-8483
www.dorma-usa.com