

THE TRAP DOOR

A NEW PRODUCT WITH SECURITY AND ACCESS IN MIND



SECURED ACCESS

When Cleaning or service is needed at your facility, The Trap Door allows access without leaving the door propped open.

EASY ACCESS

Water hoses and electrical cords can be easily passed through The Trap Door allowing easy access for maintenance while the back door remains closed and locked for security.



LOCK TIGHT FROM THE INSIDE

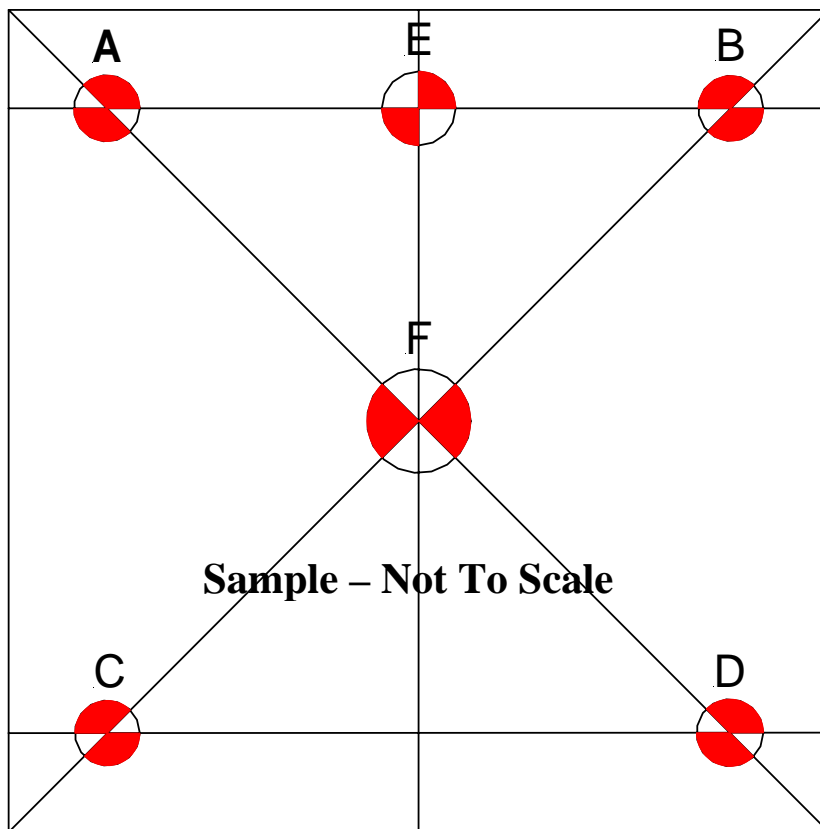
Once the job is finished, The Trap Door is securely locked from the inside. Its sturdy, all metal design is built to last.

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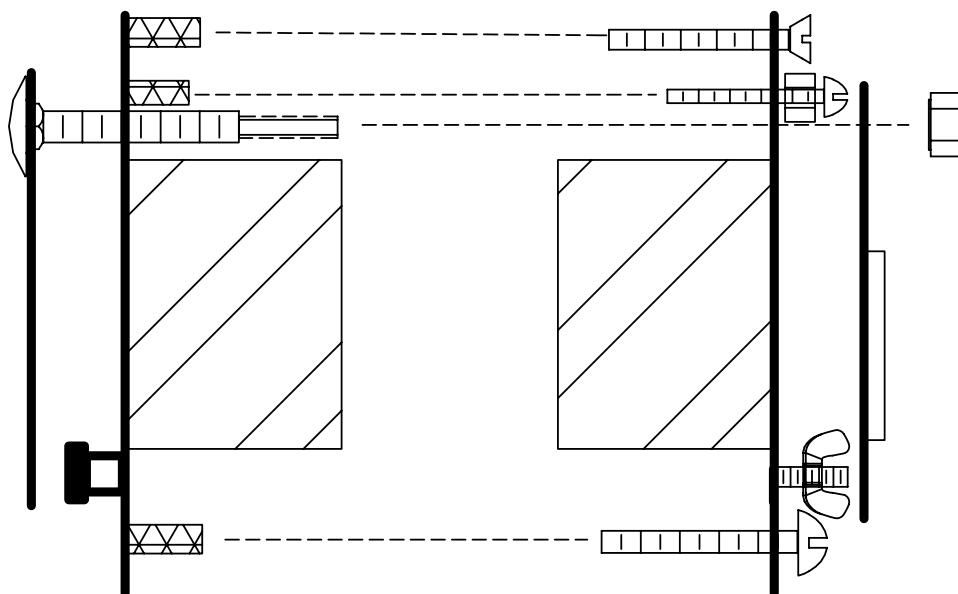
TEMPLATE VIEW



EXPLODED VIEW

OUTSIDE

INSIDE



Installation Instructions for the TRAP DOOR

Model TDI – 3 ¾”

Attention Installers – The Trap Door is shipped in a fully assembled state. Two PVC spacers have been placed between the two sections. These spacers are the same thickness as a common door (approximately 1 ¾ inches). Please look over the assembled unit prior to taking it apart. When you install the Trap Door you will assemble it exactly as you took it apart.

Special Tools Required: 4 ¼ “ Hole Saw, 5/8” Drill Bit, 1/8” Drill Bit, 7/16” Drill Bit.

Instructions:

Step 1 – Take the enclosed 2 sided paper template and wrap it around the (approximate 1 ¾ “) edge of the door so that side 1 of the template is on one side of the door and side 2 of the template is on the other side of the door. Secure the template with scotch tape, making sure it is level and exactly the same distance on each side of the door. The template should be at least 6” from the floor and may be mounted on either the left or right side of the door.

Caution – Make sure the Center Line of the template is **EXACTLY** in the center of the approximate 1¾ “ edge (thickness) of the door. The template is designed for a 1¾ “ door, but may be used on a thicker or thinner door by adjusting the fold.

Step 2 – Drill Pilot Holes – Location A, B, C, D, E & F. With a 1/8” drill bit. Drill 12 pilot holes, 6 on each side of the door, through the template, in the center of the designated marks, labeled **A, B, C, D, E & F.**

Step 3 – Enlarge Pilot Holes – At Location A, B, C & D. With a 7/16” drill bit, drill 8 holes, 4 on each side of the door, through the template, using the pilot holes as guides to enlarge the holes labeled **A, B, C & D.**

Step 4 – Enlarge Pilot Holes – Location E. With a 5/8” drill bit, drill 2 holes, 1 on each side of the door, through the template, using the pilot holes as guides, to enlarge the holes labeled **E.**

Step 5 – Hole Saw Cut – Location F. These holes must be drilled **LAST.** With a 4 1/4 “ hole saw with a pilot drill attached, (**mandatory**), drill 2 holes, 1 on each side of the door, through the template, using the pilot holes as guides, to enlarge the holes labeled **F.** Hold the drill motor exactly level and straight. Drill through any supports or material inside of the door on the first side, but do not drill completely through the door. Go to the other side of the door and drill the hole labeled F to complete the cut. Attention: When drilling hole F you will cut into the bottom half of hole **E.**

Assembly Instructions for the TRAP DOOR

Attention Installers – Use parts list and picture view of the Trap Door for ease of assembly. All screws and bolts should be finger tight until the unit is completely assembled.

Step 1 – Take the outside main body Part I and place it in the hole in the outside of the door with the hole E on top.

Step 2 – Take the inside main body Part J (the side with the wing nut attached) and place it in the hole in the inside of the door with hole E on the top.

Step 3 – Take flathead bolt A and insert it into hole A on the inside main body and loosely tighten.

Step 4 – Take pan head bolt B with the spacer and insert into hole B on the inside main body and loosely tighten.

Step 5 - Take 2 pan head bolts C& D and insert into holes C & D on the inside main body and loosely tighten.

Step 6 – Take the outside teardrop with bolt attached, Part G and G1, and insert it into hole E on the outside of the door.

Step 7 – Take the inside teardrop part H and slide it over the end of the bolt (Part G1) on the inside of the door. Make sure the lip on part H is facing out.

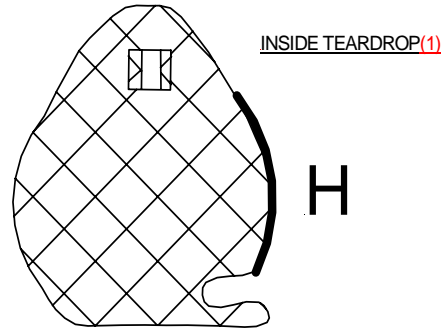
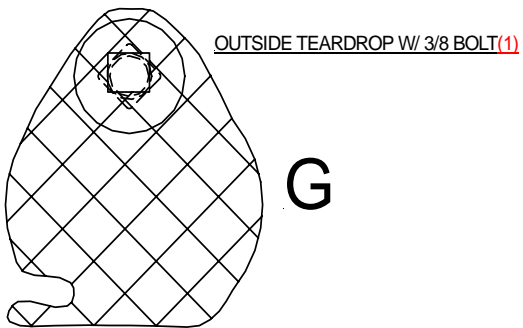
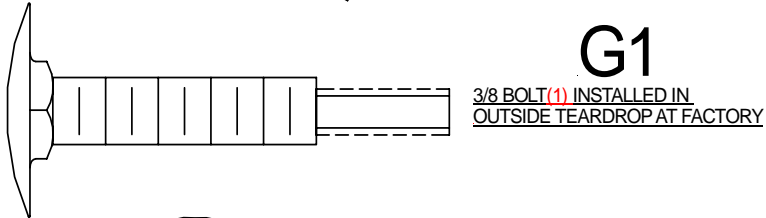
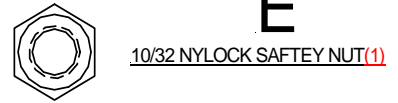
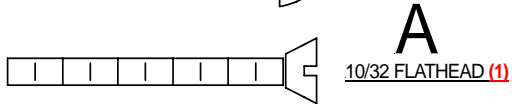
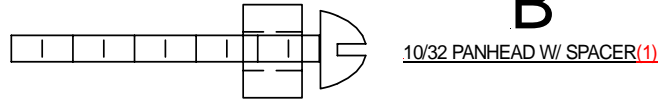
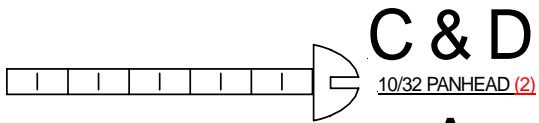
Step 8 – Take the Nylock safety nut Part E and hand tighten over the bolt Part G1 on the inside of the door.

Step 9 – Evenly tighten bolts A, B, C & D. Don't over tighten.

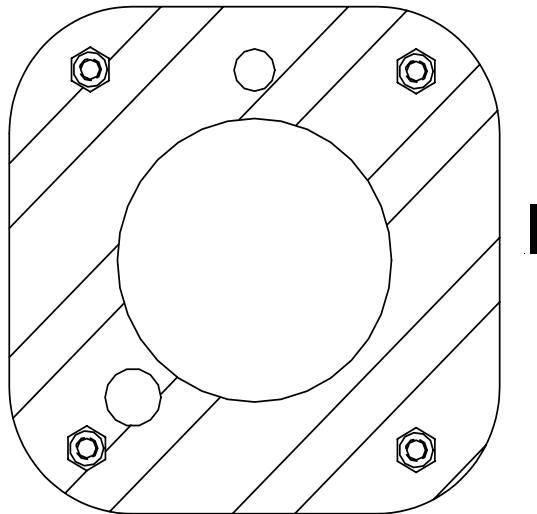
Step 10 – Make sure the doors swing smoothly and close completely.

Step 11 – Tighten the Nylock bolt Part E $\frac{1}{4}$ turn at a time until you feel resistance in the door closing. Do not over tighten.

PARTS LIST



OUTSIDED MAIN BODY (1)



INSIDE MAIN BODY (1)

