

The "Challenger" ®

Forcible Entry Training Door Product Specifications & Information

Engineered for Excellence, Designed for Durability

- The "CHALLENGER" Forcible Entry Door has 11 forcible entry features/functions, 12 counting our newest feature listed below. (4 are patented)
- Meets numerous NFPA 1001 JPR's for Forcible Entry
- Product dimensions at outer most points 55"w x 33"d x 78"h, 860 lbs.
- Shipping dimensions are single pallet 56"w x 36"d x 84"h and ship weight is 1050 lbs. and comes fully assembled securely bolted to the pallet and wrapped.
- No dis-assembly required to move (completely welded assembly), patented 3rd wheel mobility system allows for quick, easy movement and set up.
- Will roll through all standard width/height commercial exterior doors measuring 36" or larger
- 1 year manufacturer's warranty. See page 2 for details
- Every Challenger Door comes standard with these 11 features....
 1. Cut up to 3/4" #6 rebar or other round metal material at 3 different heights and angles.
 2. Hinge cutting attachment (patented) allows you to....
 1. Cut Commercial hinges
 2. Pull Commercial hinges with the haligan
 3. Cut 3/16" flat plate (to simulate hinges and save costs)
 3. Combination and pad lock cutting, breaking (using irons, K-12, Duck bill or bolt cutters)
 4. Conventional forcible entry with irons...
 1. Residential & Commercial inward swinging
 2. Commercial outward swinging
 5. Hydraulic Forcible entry (rabbet tools)
 6. "K" tool use, commercial lock pull simulator (patented)
 7. Through the lock complete function with real commercial dead bolt latch manipulation
 8. "R" tool use, residential dead bolt lock pull simulator (patented)
 9. Through the lock complete function with real residential dead bolt latch manipulation
 10. Commercial door metal plunge cut window with real working panic bar to activate and open. (patented)
 11. Jamb spreading using the "W" Tool (from the Weddle Tool Co.)
 12. ***An Optional Carriage Bolt Head grinding/cutting fixture is available and sold separately. Please see pages 3-5 for more in depth information, photos and pricing on this option.***
 1. ***This new fixture inserts into the plunge cut window channel for grinding/cutting Carriage Bolt Heads using your K-12 saw that are encountered on doors with added drop bar brackets.***

Please see pages 3-5 for more in depth information, photos and pricing for the Carriage Bolt Head Grinding/cutting fixture.

Experience and Manufacturing

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Experience

The **Challenger Forcible Entry Training Door Simulator** is the result of over 56 years of combined fire service experience, meticulously crafted and rigorously tested by experienced firefighters and instructors. Designed for the needs of the fire service the Challenger® is recognized for its unmatched realism, practicality, and quality. This product currently serves colleges, universities, high schools, both career and volunteer fire departments, as well as US government agencies and international clients across 7 countries. Proudly manufactured in the USA, the Challenger® continues to set the standard for mobile hands-on training in the fire service industry.

Manufacturing

Built with precision, the **Challenger** is constructed from high-quality structural steel, utilizing advanced **INVENTOR CAD** software for design and laser cutting technology to ensure perfect precision. Automated bending and jig welding are carried out to exacting tolerances, and all welds are made by certified professionals who adhere to the highest U.S. standards (AWS, ASME). To guarantee lasting performance, every finished product is subjected to professional media blasting for optimal surface preparation, followed by a heavy-duty commercial-grade PPG hammered texture and Cardinal powder coat finishes.

Warranty Information

The "Challenger" Forcible Entry Door Simulator is proudly manufactured in the **USA** and includes a 1-year warranty on craftsmanship (welds and operation). Due to the nature of its intended use, PEB Enterprises, LLC does not provide a warranty for damage to components not designed to withstand cutting, striking, or prying. This includes, but is not limited to, the panic bar assembly, threads, bolts, nuts, frame, latch bolt assembly, the 16-gauge sheet metal door covering, and the powder coat finish, which is not covered against chips or scratches. PEB Enterprises, LLC also reserves the right to void the warranty in cases of improper assembly, use, operation, or modifications made without prior written consent from the manufacturer.

Note: The use of large heavy door forcing equipment such as but not limited to battering rams, sledge hammers etc. are not approved devices for sounding or for direct forcing of the door. The use of such equipment will void this warranty. The YELLOW strike plates are designed for impact /sounding by the use of fire dept. haligans and pro-bars only.

The
Challengers
Newest Optional Feature

**“K-12 Carriage Bolt Head Grinding/Cutting
Fixture”**

Part # RM-CHB-15

Introducing our latest optional feature for the Challenger Forcible Entry Door: the *Carriage Bolt Head Grinding/Cutting Fixture*, designed for use with your K-12 saw. This tool helps you practice grinding off carriage head bolts commonly found on doors with drop bar brackets. These bolts are used to secure the brackets to the door.

The fixture easily slides into the existing plunge cut window channel on the door and can hold up to 42 bolts at once. Once the front plate is worn out, simply unbolt and flip it to use the reverse side. On average, each hole can handle 6-8 cuts before the front “consumable” plate needs replacing. This gives you approximately 504 cuts before replacement is necessary (42 square holes x 2 sides = 84 x 6 cuts per hole = 504 total cuts/bolts).

The fixture includes 2 plates, providing a total of 1008 cuts for only \$399.99. Additional replacement plates are available for \$90.40 each, plus shipping.

Please see the following pages for images.



CAUTION

LOCK OUT THIS LATCH BEFORE
USING ANY RABBIT HYDRAULIC
FORCING TOOLS!
FAILURE TO DO SO WILL RESULT IN
DAMAGE TO
THE LATCH BOLT ASSEMBLY!

