



Weddle Tool Company

W TOOL

Operating Guide

DUAL MODE OPERATION

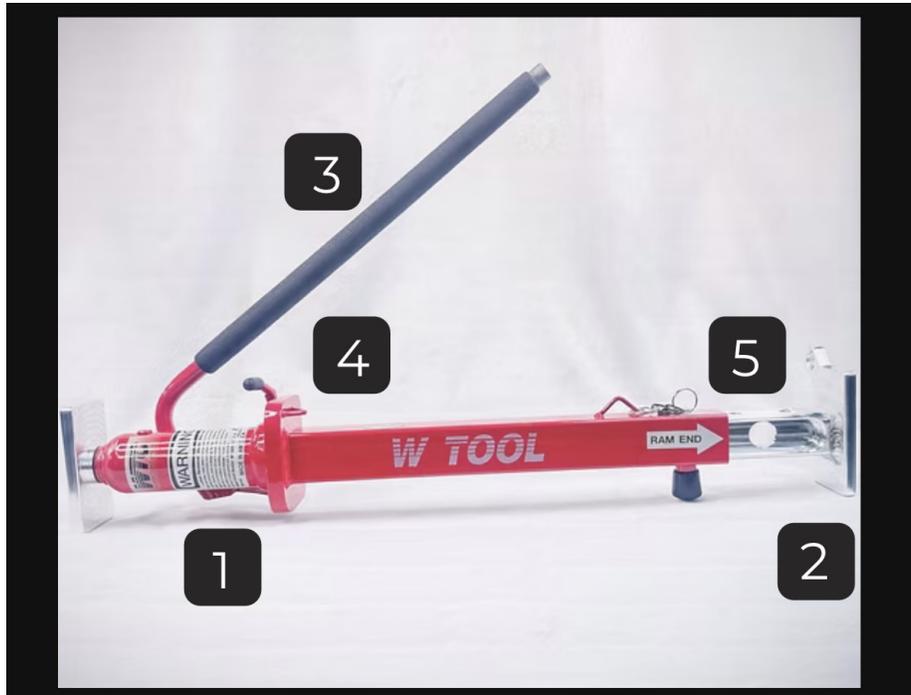
Hydraulic Door Jamb Spreader • Battering Ram

For use by fire & rescue, law enforcement, and EMS personnel

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CONTENTS	
Tool Components	p. 2
Mode 1 – Hydraulic Door Jamb Spreader	p. 3
Mode 2 – Battering Ram	p. 4

Tool Components



1 – Power Head	Hydraulic door jamb spreading mechanism. Generates up to 6,000 PSI of controlled expansion force.
2 – Slide Tube	Adjustable aluminum tube that sizes the tool to fit the door frame width.
3 – Pump Handle	Operated up and down to build hydraulic pressure and expand the tool.
4 – Power Head Control Valve (Quick-Release)	Turn right (clockwise) to engage and pressurize. Turn left (counter-clockwise) to release pressure and remove the tool rapidly.
5 – Detent Pin	Secures the slide tube once sized. Must be fully inserted through the slide tube – engaging both the top and bottom holes – before use.

Mode 1 — Non-Destructive Entry

Controlled door jamb spreading | Door and lock remain functional after entry

Use this mode when entry is required without damaging the door or locking hardware — welfare checks, locked-out occupants, or any scenario where the door must remain functional after entry.

NOTE: Always confirm the power head control valve is in the closed position — turned fully right (clockwise) — before beginning. The tool should always be stored in this position.

Procedure

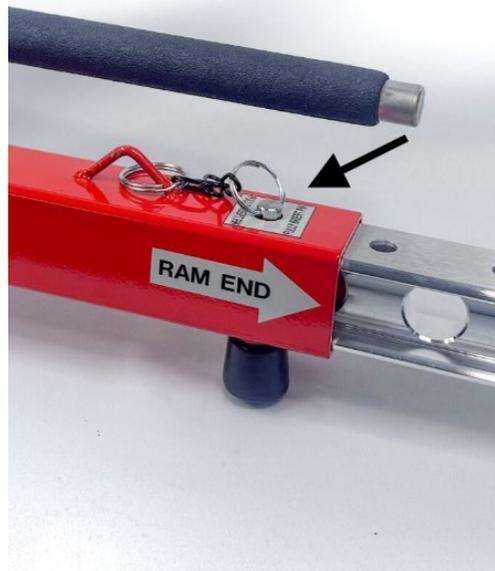
- 1. Position and size the tool.** Place the tool on the ground inside the door jamb with the power head on the right side and the handle facing outward. Remove the detent pin and adjust the slide tube to the nearest hole so the tool fits within the door width. Fully reinsert the detent pin through the slide tube, engaging both the top and bottom holes, to secure the slide tube.



Tool positioned in door jamb, pin in place



Slide tube extended to fit, pin removed



Detent pin fully inserted through both holes — slide tube secured

- 2. Raise the tool and pump to first contact.** Confirm the power head control valve is closed — turned fully right (clockwise). Raise the tool and place it in a level horizontal position in close proximity to the strongest lock — typically the top lock or deadbolt. Pump the handle to expand the tool, applying gentle pressure in slow increments until it makes firm contact with the door frame.



Control valve CLOSED — turned fully right (clockwise) Tool positioned horizontally at lock point

- 3. Control the door and continue pumping.** Place one hand on the door knob to control the inward swing. Continue pumping in slow increments until the deadbolt releases

and the door opens. Do not over-spread beyond what is needed to release the lock.



One hand on pump handle, one hand on door knob controlling inward swing

- 4. Release the valve and remove the tool.** Turn the power head control valve one full turn to the left (counter-clockwise) to release pressure. Carefully remove the tool from the door jamb. The door frame will return to its original position.



Turn control valve one full counter-clockwise turn to release



Control valve in open position

5. **Collapse the power head and close the valve for storage.** With the valve open, push the power head back down into place. Once fully collapsed, turn the control valve to the right (clockwise) to close.



Push power head back down into place, then close valve for storage

NEVER STORE THE TOOL INVERTED

The tool may be stored with the power head facing up or on its side – the control valve must be closed (clockwise) either way. Never store the tool with the power head facing down. Storing the tool inverted with the valve open allows air into the hydraulic system, which will prevent the tool from functioning.



Mode 2 — Battering Ram

Fast forced entry | One-person operation

Procedure



Backswing — strap over dominant shoulder, both hands on tool



Forward strike — drive toward lock using pendulum motion

- 1. Strap and grip.** Place the shoulder strap over your dominant shoulder. One hand on the power head, other hand behind the strap, ram end facing the target.
- 2. Stance.** Feet shoulder-width apart, approximately 2 feet from the door. The tool weight and strap generate the force — upper body strength is not required.
- 3. Strike.** Swing back and drive forward using the shoulder strap and pendulum motion. Aim at the strongest lock — typically the top lock or deadbolt. Reset stance between strikes.

GRIP AND STANCE ARE CRITICAL

One hand on the power head, other hand behind the strap. Feet shoulder-width apart, approximately 2 feet from the door. Reset fully between strikes.

NOTE: For a demonstration of both modes, see the full training video and quick operations overview at weddletoolco.com.

NOTE: For hydraulic fluid maintenance, O-ring inspection, and storage procedures, refer to the W Tool Maintenance Guide.