



*“Doing What’s Right”*

Weddle Tool Company Inc. - 1419 Sam Mason Road - Bunker Hill, WV 25413

### W-Tool – “Basic” In Service Training

The following are training and operational guidelines for public safety personal that will use and operate the W-Tool- “Basic” and it’s approved accessories and attachments.

#### Tool Positioning

The W-Tool should be placed in all door and window openings in a Level and Horizontal Position. The tool should be positioned with the Power Head on the right hand side of the operator with the handle on top facing the operator. The W-Tool should be positioned just above the strongest lock (Deadbolt) that is being breached. Angled placement or failure to have the Base Plates Flatly Seated at 90-degree Angles Against The Jambs may decrease the operational functionality of the tool. Angled placement may also lead to unnecessary damage of the door/window jambs and/or the W Tool.



#### Basic Tool Adjustment

The W-Tool should be Pre Adjusted to the rough opening of the door/window being breached before placing the tool into the jamb. This is best performed by sitting the W Tool on the ground in front of the door/window and adjusting the slide tube (with the use of the detent pin) to the closest width of the jamb. This should be performed with the Hydraulic Cylinder Completely Retracted or Seated. Voids or spaces of greater than 2” should be addressed by readjusting the slide tube.

When using the W-Tool for any operation it is critical that the ***detent pin be fully inserted through both the upper and lower slide tube holes***. Failure to do so may result in Injury or damage to the W-Tool.



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### **Adjustment of the Screw Head**

*The Screw Head should remain in the fully closed/tightened position at all times.* The Screw Head may be turned slightly to obtain correct positioning of the top plate during tool placement. Maximum operational strength is only obtained with the Screw Head Left in the fully closed or tightened (clockwise) position inside the hydraulic piston.

### **Tool Engagement/Release**

The W Tool controls the Hydraulic Power Head by the Engagement/Release Thumb Lever located on the top of the tool. The Hydraulic Power Head is engaged by turning the lever to the right (clockwise) until it stops. This should be performed with **Light Thumb Pressure Only** and the lever should never be forced. The W Tool releases the hydraulic pressure to the Power Head by turning the Engagement/Release lever to the left (counter clockwise). NEVER strike the Engagement/Release lever with a tool or other device to engage or release the Power Head.

**Rapid Release** of the W Tool is best obtained by leaving the power head handle in the raised position and turning the thumb lever several turns to the left (counter clockwise)

### **Battering Ram Operation**

For Battering Ram applications the W-Tool must be in the fully stored or closed position. The detent pin must be inserted with the slide tube in the fully collapsed or closed position and the handle in its posted slot. The **“RAM END”** is used as the impact point of the tool with the door or object to receive the impact. The W-Tool should be shouldered using the carrying strap with the **RAM END** of the tool facing the door or object of impact. One hand is placed on the handle and the other hand placed on the hydraulic power head plate. The W Tool is swung and should strike the door in close proximity to the **strongest lock**. Caution should be used to assure hands and other body parts are not in contact with impact points of the door or tool.



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### **Power Head Handle**

The W-Tool should never be carried by the handle unless it is in the fully closed and pinned position. The padded handle should only be used to operate the hydraulic power head once it has been released.

### **Cleaning and Preventive Maintenance**

- Wipe and/or dry the exterior surfaces of the W-Tool after each use with a clean soft cloth. If the W Tool has been exposed to extreme dirt or other elements rinse the tool with a mild cleaning solution of soap and water and dry with a soft cloth.
- Keep the Detent Pin greased with a light coat of white lithium grease to insure smooth insertion and removal during slide tube adjustment.
- Back Flush the Powerhead on a regular basis. This is performed by extending the Hydraulic Powerhead piston fully, then releasing the Engagement/Release lever and manually pushing the piston back to it’s fully seated or closed position.
- Contact WTC or your WTC Authorized Dealer for all service and maintenance related questions.