2015

HUWE INC.

Operation Manual

Operational procedures and information on the HUWE wrench product line.

HUWE Operation Manual

Getting To Know your HUWE Product

HUWE wrench consists of two parts: a head and a handle. There are 12 different types of HUWE heads and 4 lengths of HUWE handles available to fit a variety of hammer union sizes and figure numbers. All HUWE heads and handles are interchangeable, creating the best fit for the work space and size of union you are working on. The HUWE head can also be used by itself, as a hand tool, to easily maneuver the wing of the union, before attaching a handle to apply the torque needed to make a solid seal.

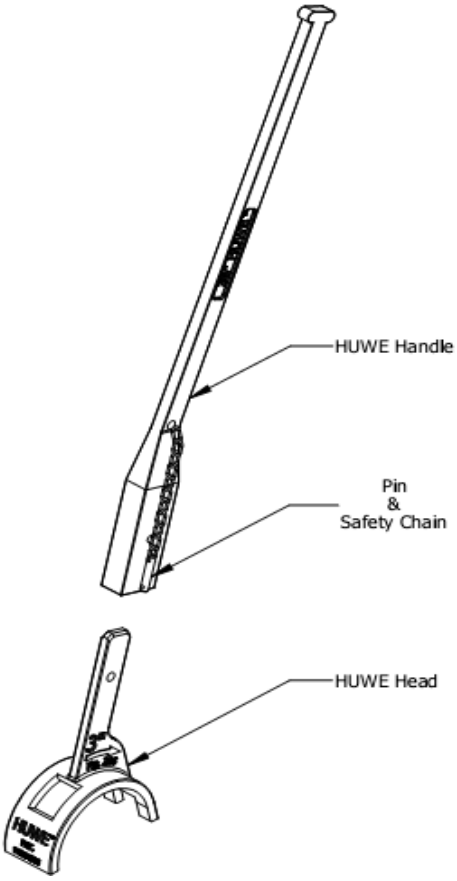

Figure 1 HUWE Head and Handle

HUWE HEAD

An important feature marked on the HUWE head is a directional arrow to show which way the wrench should be operated. DO NOT APPLY FORCE IN THE OPPOSITE DIRECTION OF THE ARROW. This can result in injury or damage to the tool.

Figure 2 Variety of Sizes of HUWE Heads sitting on hammer unions. Directional arrows and sizes are displayed on each head

Each HUWE Head is also labeled with the size and Figure Number of union that the head was designed to fit on. In some cases, a HUWE Head will blanket 2- 4 different Figure numbers of unions, and there isn't enough room to label all sizes directly on the head. Please consult the list below for reference on all the union sizes each head can fit on.

HUWE PART LIST

HUWE part #	Description
	Heads
710-0019	HUWE Head, 2" Fig. 100/200/206/400
710-0020	HUWE Head, 2" Fig. 602/607/1002
710-0021	HUWE Head, 2" Fig. 1502
710-0022	HUWE Head, 3" Fig. 100/200/206/300
710-0023	HUWE Head, 3" Fig. 602/1002
710-0024	HUWE Head, 3" Fig. 1502
710-0048	HUWE Head, 3" Fig. 400
710-0025	HUWE Head, 4" Fig. 602/1002
710-0027	HUWE Head, 4" Fig. 1502
710-0049	HUWE Head, 4" Fig. 100/200/206/400
710-0050	HUWE Head, 5" Fig. 1002/1502
710-0028	HUWE Head, 6" Fig. 100/200/206
	Handles
710-0059	HUWE Handle, 24”
710-0030	HUWE Handle, 36"
710-0031	HUWE Handle, 42"
710-0032	HUWE Handle, 46"

Figure 3 HUWE part list showing all part numbers and sizes

HUWE Handle

The HUWE handles are clearly marked with their length. They are removable and have a reversible angle to them to create more room in confined spaces. This makes it a user friendly and versatile tool that generates incredible torque.

Figure 4 Two different positions of the handles installed on the HUWE heads.

SAFE OPERATING PRACTICES

- Always follow safe practices when operating your HUWE wrench.
- In overhead applications make sure your tools are properly secured and tethered off to something solid.
- Do not use the HUWE wrench on Unions that are worn out beyond repair.
- Always make sure the union you are working with is in good condition and the threads oiled and clear of debris or ice.

OPERATING YOUR HUWE WRENCH

Step 1: Inspection

a. **Inspect Head**: Check the HUWE head for any signs of damage. Make sure that there are no cracks or bends around any of the openings in the head from prior use.

b. **Inspect Handle**: Check Handle for any cracks or bends from prior use. Make sure that the quick pin and securing cable are in good condition.

c. **Inspect Head to Handle Connection**: Insert HUWE head into the handle and install quick pin, give the head and handle a solid shake to make sure there is a good connection.

d. **Inspect Head and Union**: Ensure that you have the correct head and union pairing. Make sure that the union is in good condition and should not be removed from service. Do not use the wrong size head on an incorrect union; this will result in a mismatch and possible injury to the person operating the wrench or damage to the tool itself.

Step 2: Making up Your Connection

a. **Maintain Unions**: Make sure the threads on both the inside of the wing and threaded half of the union are clean and lubricated.

b. **Follow the Arrow**: On the HUWE head there is a directional arrow dictating the only way that force should be applied to the wrench. Make sure that your arrow is facing in the proper direction to tighten your union.

c. **Start with the HUWE Head**: Using the proper size head as a hand tool, bring the wing side of your connection up tight to the threaded half of your union.

d. **Install HUWE Handle**: Remove the head from the union and install into the proper length Handle for the size of union you are working with, insert quick pin and check for solid connection.

e. **Using a Backup**: Sometimes a backup is necessary to keep your piping from turning. Have someone install and hold Pipe wrench in place for a backup.

f. **Tightening Union**: Place HUWE head on the wings of the union. Ensure that the head has a good placement on the union and pull the handle in the direction of the arrow. Repeat until union is tight.

Step 3: Breaking Apart Your Connection.

a. **Follow the Arrow**: On the HUWE head there is a directional arrow dictating the only way that force should be applied to the wrench. Make sure that your arrow is facing in the proper direction to loosen your union.

b. **Start with both the HUWE Head and Handle**: Make sure you are using the proper size HUWE Head for the union you are breaking apart. Install the head into the desired length of handle insert the quick pin. Check for solid connection.

c. **Using a Backup**: Sometimes a backup is necessary to keep your piping from turning. Have someone install and hold Pipe wrench in place for a backup.

d. **Breaking apart the Union**: The opening in the HUWE head is oversized allowing room to move back and forth, creating a "snapping" effect on the union's wings. Place the HUWE head on the wings of the union, ensure that the head has a good placement on the union and apply the snapping force in the direction of the arrow. Repeat this action until the union is loose.