

# Pulse Tool Torque Adjustments

There are several basic steps to adjusting the torque on Uryu Pulse tools. The guide below will walk you through the procedure whether your tool is front or side adjusting.

## FRONT ADJUSTING:

### Left Hand Thread

1. Unscrew (left hand thread) Front Casing and remove from tool. You do not need to remove the quick change chuck. Locate the hex head adjustment screw through a small hole in the Front Liner Plate. The highly visible hex head screw on the Front Liner Plate is the oil plug. Do not adjust the oil plug.
2. Turn the torque adjustment screw clockwise to increase the torque and counter clockwise to decrease the torque. Never turn the torque adjuster all the way in clockwise until it stops, always back it off about a half turn. Be careful not to lose the ball between the Anvil and the Driver Anvil.
3. Replace the Front Casing and test for proper torque.

### Hex Head Fastener

1. Use the correct size Allen wrench to remove the three hex head fasteners. Remove the Angle Head Casing. Locate the small hex head torque adjustment screw on the front of the pulse unit. The large hex head screw is the oil plug. On some models the oil plug may be a slotted screw. Do not adjust the oil plug.
2. Turn the torque adjustment screw clockwise to increase the torque and counter clockwise to decrease the torque. Never turn the torque adjuster all the way in clockwise until it stops, always back it off about a 1-1/2 turns.
3. Replace the Angle Head Casing and test for proper torque.

### Front Plug

1. Use the correct size Allen wrench to remove plug. Rotate the Anvil until you find the small hex head torque adjustment screw. The large hex head screw is the oil plug. On some models the oil plug may be a slotted screw. Do not adjust the oil plug.
2. Turn the torque adjustment screw clockwise to increase the torque and counter clockwise to decrease the torque. Never turn the torque adjuster all the way in clockwise until it stops, always back it off about a half turn. On larger tools back off 2-1/2 turns.
3. Replace the front plug and test for proper torque.

### Knurled Sleeve

1. Pull up Knurled sleeve from front of Angle Head Casing to gain access to the opening in the Angle Head Casing. Rotate the Anvil until you find the hole in the Front Liner Plate. Locate the small hex head torque adjustment screw. The large hex head screw is the oil plug. On some models the oil plug may be a slotted screw. Do not adjust the oil plug.
2. Turn the torque adjustment screw clockwise to increase the torque and counter clockwise to decrease the torque. Never turn the torque adjuster all the way in clockwise until it stops, always back it off about a half turn.
3. Replace the Knurled sleeve and test for proper torque.

### Front Adjusting Basics

1. Remove the set screw from the front housing of the tool with a metric Allen key.



2. Rotate the anvil to expose a small Allen key opening. Do not expose the slotted screw - that is the oil fill plug.



3. Insert the small hex key into the pulse unit. Rotate clockwise to increase torque / counter clockwise to decrease the torque.



Full adjustment is about 3-1/2 - 4 rotations. Do not adjust full to one end - always back off. Return the large set screw.

## SIDE ADJUSTING:

### Plastic Sleeve

1. Turn the one inch wide black plastic sleeve to line up the hole in the sleeve with the hole in the Front Casing. Locate the hole in the side of the Front Casing. Rotate the Anvil until you find the small hex head torque adjustment screw.
2. Turn the torque adjustment screw clockwise to increase the torque and counter clockwise to decrease the torque. Never turn the torque adjuster all the way in clockwise until it stops, always back it off about a half turn.
3. Replace the Plastic sleeve and test for proper torque.

### Knurled Sleeve

1. Unscrew (right hand thread) Knurled sleeve from Front Casing. Locate the hole in the side of the Front Casing. Rotate the Anvil until you find the small hex head torque adjustment screw.
2. Turn the torque adjustment screw clockwise to increase the torque and counter clockwise to decrease the torque. Never turn the torque adjuster all the way in clockwise until it stops, always back it off about a half turn.
3. Replace the Knurled sleeve and test for proper torque

### Side Adjusting Basics

1. Some Alpha-T models are adjusted from the side of the casing. Rotate the black band until you see the access hole.



2. Some small pulse tools are adjusted internally on the pulse unit itself after removing the front casing.

