

AERO BOOM[®]

**HIGH FORCE HYDRAULIC
TOOLS & SOLUTIONS**

ELECTRIC TORQUE WRENCH



OPERATION MANUAL

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ELECTRICTORQUE WRENCH

| | |
|-----------------------------------|--------|
| Supply voltage, nominal (VAC) | 230VAC |
| Supply voltage, Minimum (VAC) | 195VAC |
| Supply voltage, Maximum (VAC) | 253VAC |
| Mains frequency, nominal (Hz) | 50 Hz |
| frequency, maximum (A) | 16 A |
| Power consumption, maximum (W) | 2000 W |
| Ambient temperature, minimum (°C) | -20°C |
| Ambient temperature, maximum (°C) | +45°C |

Incoming Goods Inspection and Packaging

Check the device and accessories for transport damage. If any damage is detected, please notify the carrier immediately and return the device in its original packaging to: AEROBOOM or the responsible sales partner. Please retain the original packaging.

Read these instructions before putting the device into service and make yourself familiar with the procedure for handling it. Do not use the device if you are unsure of the purpose, the consequences and the precise execution of the specific operation.

In particular, make yourself familiar with the safety instructions. Failure to observe them may result in severe bodily harm.



ELECTRICTORQUE WRENCH**Safety Precautions Prior To Commissioning and Assembling the Device**

Each time you use the device and accessories, inspect them for any damage. Devices that are damaged or defective must not be put into service. Repairs may only be performed by the manufacturer. Send any defective/damaged devices back to the manufacturer in the original packaging.

Check whether the available mains voltage supply matches the data on the identification plate. Only use the device for its intended purpose.

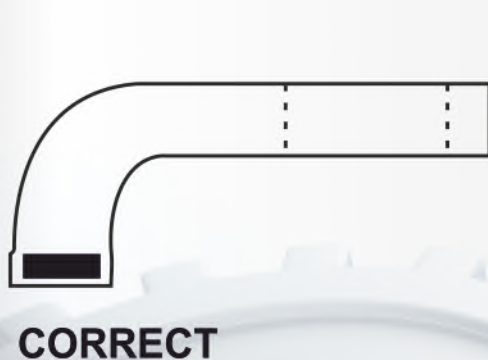
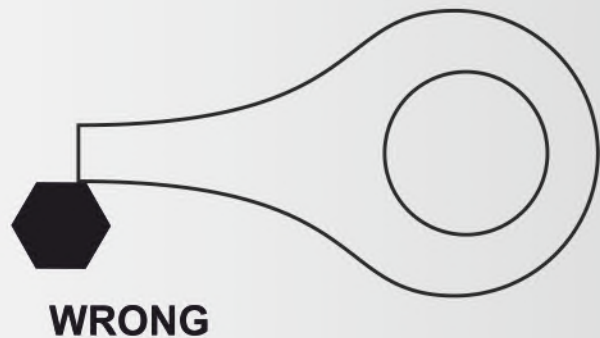
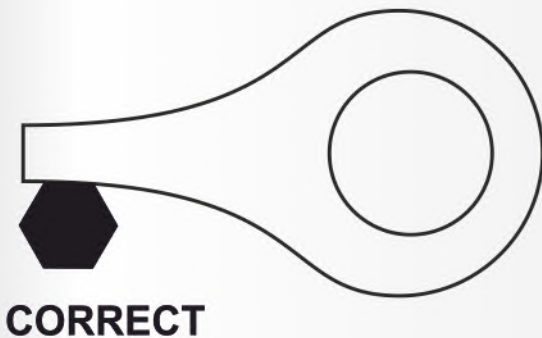
The noise level may exceed 85 dB(A) so you must always wear ear protection.

Observe any local, industry-specific regulations, such as the wearing of safety footwear, helmets, gloves, etc.

Do not use the device in an explosive atmosphere or in the presence of inflammable liquids, gases, paints, vapours or dust.

Do not use the device in rain or other damp conditions.

Before you insert the mains plug, assemble the socket and the reaction arm in accordance with the illustration above. Make sure that these parts are correctly and completely in position. Do not use any defective or damaged accessories.

**Safety Precautions and Performing the Tensioning Operation**

ELECTRICTORQUE WRENCH

Never hold the device at the front by the socket or reaction arm due to the risk of crushing and other injuries! Under no circumstances should you reach into the space between reaction arm and support point.

Set the desired torque. A power reserve of approx. 25% should be allowed for loosening bolts.

The socket must be placed completely onto the head of the bolt and must not be tilted. The transmission axis must be in line with and not deviate from the axis of the bolt.

The reaction arm must be securely supported on the adjacent bolt or on another fixed point. The supporting point must be at the same height as the bolt. The reaction arm must be supported with the vertical side surfaces.

Never block the operating button with any kind of aid. Always be ready to switch it off.

Only press the trigger switch lightly while the reaction arm is not firmly positioned on the support point so that the device is able to turn slowly. Do not press the trigger switch to its maximum extent until the tensioning device is firmly in position.

The wrench switches off when the preset torque has been attained. Now set the direction of rotation to the left and run the device until the reaction arm is free.

Controls: Setting the Torque



Fig 1

Fig 2

Fig 3

Figure 1: The word "Press" appears above the centre button after the device has been switched on or a mains failure has occurred in order to avoid unintentional startup. Press the middle button so that you can continue working. Afterwards you can change the modus between "Torque" and "Ready Start". These have "TA" in the type specification.

Figure 2: Modus "Torque": Pressing the left-hand button changes the device to the next lower torque setting and pressing the right hand button to the next higher setting

Figure 3: Modus "Ready Start": Now you can start the bolting process.

ELECTRICTORQUE WRENCH

In the event of faults, the display flashes and shows "E" followed by a two-digit error number. Please make a note of this number and send the device to AEROBOOM or the responsible sales partner. Do not try to repair the device yourself.

After 10,000 tensioning operations or 1,000 operating hours, the message "InsP" appears in the display. You can continue to work after pressing the centre button but should send the device to AEROBOOM as soon as possible for servicing.

Setting the direction of rotation (Fig. 4)

Reversing switch next to label Trigger switch on the front of the handle

Moving the reversing switch changes the direction of rotation, see Figure 4. Make sure that the reversing switch has clicked firmly into place at the top or bottom. Only change the direction of rotation when the device is not moving.

Pressing the trigger switch starts up the device and releasing it stops the device. The device also stops when the preset torque has been attained. If you only press the trigger switch lightly, the motor only rotates slowly. Only when the trigger switch is depressed completely will the maximum speed be attained.

When the selected torque has been reached the displayed torque value will change from white to green. If the selected torque could not be reached the displayed torque value will change from white to red.



Fig 4

CE Declaration of Conformity

Description AEW Series

Types AEW80A, AEW150A, AEW300A, AEW450A, AEW750A.

Year of construction 20141

We hereby declare under our sole responsibility that this product conforms with the following directives and standards:

2006/42/EC Machinery Directives

EN 607451 Hand-held electric tools

EN 607452 Requirements for screwdrivers

EN 550142. Electromagnetic compatibility



WORLDWIDE HYDRAULIC SOLUTIONS

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YOUR NEAREST DISTRIBUTOR



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LIFETIME WARRANTY

Aeroboom warrants all of its products to be free from defects in material and workmanship for the life of the product. This warranty applies to original purchaser and is not transferable. Damaged components, including broken welds, dented or crushed cylinder walls, bent pistons, or couplers are the result of misuse, and are not covered under this warranty. Items such as seals, o-ring and spring wearing out shall not constitute a defect and shall not be considered for warranty credit. We believe that the Aeroboom products you purchase will meet or exceed your performance requirements. However, in the unlikely event that an Aeroboom product fails due to material or workmanship defect please contact Aeroboom, to have it resolved.



Aeroboom does reserve the right to make changes to the specifications of any product or discontinue any product, contained within this catalogue without prior notice.

