

PITTSBURGH[®] PRO

TORQUE WRENCH

Models 00239 00807
00808 02696

ASSEMBLY AND OPERATING INSTRUCTIONS



Model 00239, 1/2" Drive Torque Wrench shown above.

Visit our website at: <http://www.harborfreight.com>



**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

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For technical questions or replacement parts, please call 1-800-444-3353.

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Keep this manual and the receipt in a safe and dry place for future reference.

IMPORTANT SAFETY INFORMATION

In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE NOTICE is used to address practices not related to personal injury.

CAUTION CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.



WARNING Read all safety warnings and instructions.

Failure to follow the warnings and instructions may result in serious injury.

Save all warnings and instructions for future reference.

1. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
2. Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
3. Use only within rated torque range. Do not use for loosening.
4. Use as intended only. Do not use as hammer or pry bar. Do not use handle extension to increase force. Do not drop.
5. Inspect before every use; do not use if damaged or parts loose.
6. Keep away from children.
7. For your safety, service, calibration, and maintenance should be performed regularly by a qualified technician.
8. Use only sockets with the correct drive and rated to at least the torque that will be applied to it.

SPECIFICATIONS

Model	02696	00807
Torque Range	20-200 in-lb	5-80 ft-lb
Drive	1/4"	3/8"
Length	11"	14-1/4"
Accuracy	±4%	

Model	00239	00808
Torque Range (ft-lb)	20-150	50-300
Drive	1/2"	3/4"
Length	18"	33-1/2"
Accuracy	±4%	

UNPACKING

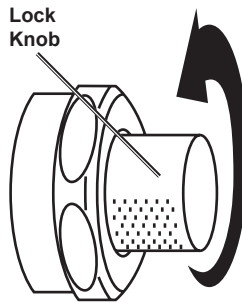
When unpacking, make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at 1-800-444-3353 as soon as possible.

OPERATING INSTRUCTIONS

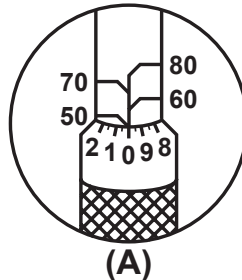


Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual before set up or use of this product.

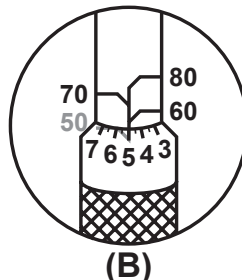
1. Wear ANSI-approved safety goggles and heavy-duty work gloves.
2. Clean and/or repair the threads that will be tightened. Damaged or dirty threads will result in a misleading torque reading.
3. Select the desired socket and verify it fits properly on the nut or bolt being tightened.
4. Press the socket firmly onto the drive anvil.



5. Turn the Lock Knob at bottom of the Handle counterclockwise until it stops.
6. Turn the handle to set the torque. To set to 55, for example:



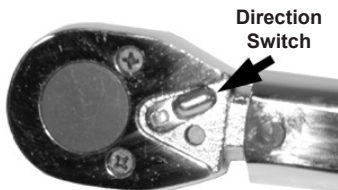
- a. Turn the knurled handle (CW or CCW) until the "0" graduation on the bevel edge lines up with 50. See illustration (A), above.



The 50 line is shown in grey because it will likely be hidden at this point.

- b. Continue turning the knurled handle about a half turn clockwise until the "5" graduation mark lines up with the centerline. It is now set for 55. See illustration (B), above.

7. Retighten Lock Knob by turning it all the way clockwise.



8. Set the Direction Switch for clockwise or counterclockwise operation. The Switch shown above is in position for clockwise operation.
9. Place socket onto the nut or bolt and pull handle gradually until a click is heard or felt. **Do not pull beyond that point;** the click indicates that the torque setting has been reached.
10. Stop pulling and the Torque Wrench will automatically reset.
11. When finished, set the Torque to the lowest torque setting (not lower than the lowest setting) before storing indoors out of reach of children.

handle (CW and CCW) several times to re-lubricate the internal workings. Then, operate at a low torque setting several times. This ensures proper operation. **Do not turn knurled handle below the lowest torque setting.**

3. Wipe Torque Wrench with a cloth to clean. Do not immerse in any cleaning solution. This would damage the internal lubrication.
4. The Torque Wrench was calibrated and tested to $\pm 4\%$. Periodically have the Wrench calibrated and serviced by a qualified technician.
5. Store inside case in a clean and dry location.

Note: Replacement parts are not available for this item.

CLEANING, MAINTENANCE, AND LUBRICATION

CAUTION TO PREVENT INJURY FROM

TOOL FAILURE:

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for loose hardware, misalignment or binding of moving parts, cracked or broken parts and any other condition that may affect its safe operation.
2. If the Torque Wrench has not been used for some time, turn the knurled