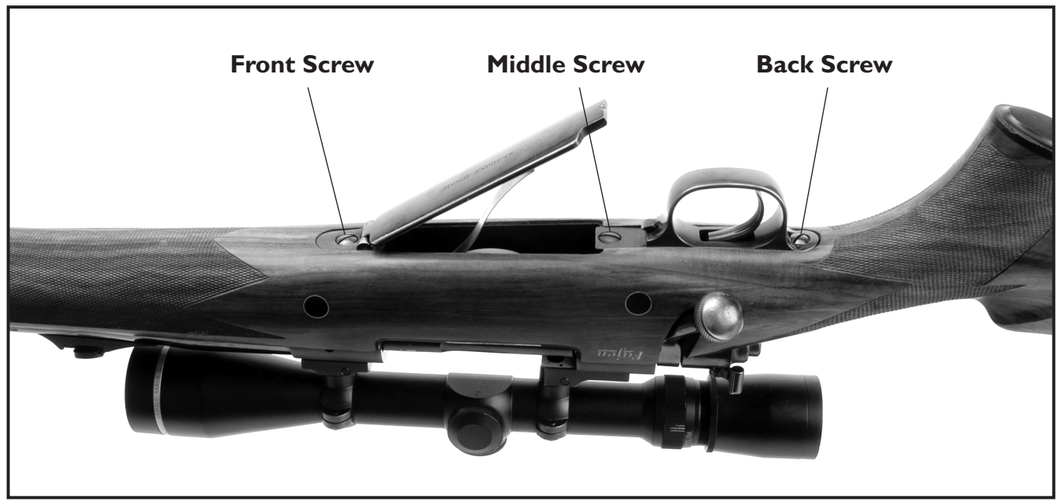
A FEW USEFUL TIPS:

- **The F.A.T. Wrench® is used like a screwdriver; it is not a ratcheting device.**
- **Leaving the F.A.T. Wrench® adjusted at high torque settings for extended periods of time may damage the internal mechanism, resulting in inaccurate torque adjustment. ALWAYS ADJUST THE F.A.T. WRENCH® TO THE LOWEST TORQUE SETTING AFTER USE.**
- **Adjusting the F.A.T. Wrench® beyond a torque setting of 65 in-lbs may damage the internal mechanism, resulting in inaccurate torque adjustment.**
- **The F.A.T. Wrench® is compatible with all of the bits contained in the Wheeler® Engineering 89 Piece Screwdriver Set.**
- **The F.A.T. Wrench® is designed for +/- 2 in-lbs accuracy up to 40 in-lbs, +/- 5% over 40 in-lbs.**
- **The F.A.T. Wrench® can be used to apply torque to any fastener; it is not limited to firearms and firearm accessories.**
- **Always protect the area surrounding screw heads with masking tape to prevent marring of metal and wood finishes - just in case a bit slips out of the screw head while tightening.**
- **Small, inexpensive screws can be damaged with high torque settings. Be sure to comply with recommended settings.**
- **Small bits can be damaged with high torque settings. Replacement bits are available from many of our dealers and through our website.**

Note: The middle screw in a guard that has three screws should only be slightly tightened. Please see the photo below so you can better understand this instruction.



Battenfeld® Technologies, Inc.

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Wheeler®

F.A.T. Wrench®

Product #553556 / Instruction #1011823 / Revision F

Usage & Care Instructions

STOP! If you have a problem with this product, **DON'T RETURN IT TO THE STORE WHERE YOU PURCHASED IT. Contact customer service at...**

AMERICAN OUTDOOR BRANDS CORPORATION℠

1800 North Route Z
Columbia, MO 65202
www.aob.com

NOT WARRANTED AGAINST MISUSE, ABUSE, OR COMMERCIAL USE.

Limited Warranty

Every Wheeler® product is warranted to be free from defects in materials and workmanship for a period of one (1) year from the date of original purchase. Any such defects for which Battenfeld Technologies, Inc. (BTI) receives written notice by the original retail purchaser will be remedied within a reasonable time after such notification and delivery of the covered products as provided herein. BTI will, at its option, repair or replace without charge, except for transportation costs, covered products that are defective in either materials or workmanship that have been used and maintained in accordance with the provided instructions. Warranty claims (in writing) and the product or part thereof concerned should be delivered, postage prepaid, to BTI at the address above. In addition, a copy of the bill of sale indicating date of purchase must be included. Please include your physical address, phone number and email address. BTI will not be responsible for defects or malfunctions resulting from careless handling, unauthorized adjustments or modifications, corrosion, neglect, abuse, ordinary wear and tear, or unreasonable use, commercial use, criminal misuse, negligence, or use under the influence of drugs or alcohol. This warranty does not apply to normal wear or to items whose life is dependent on their use and care. UNDER NO CIRCUMSTANCES SHALL BTI BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES WITH RESPECT TO ECONOMIC LOSS, INJURY, DEATH OR PROPERTY DAMAGE, WHETHER AS A RESULT OF BREACH OF THIS WARRANTY, NEGLIGENCE OR OTHERWISE. Some states do not allow the exclusion or limitation of implied warranties and/or incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

The Wheeler® Engineering F.A.T. Wrench® is a hand driven, click/clutch style torque wrench that is very useful for applying the necessary torque to most firearm and firearm accessory fasteners. The F.A.T. Wrench® features a thick ergonomic handle, a standard ¼" hex drive tip, and can be used to apply torque from 10 to 65 in-lbs at 5 in-lb increments. Common uses include, but are not limited to; installation of scope ring and base screws, action screws and trigger guard screws. With proper care and use, the F.A.T. Wrench® will provide you with a lifetime of reliable service. Package includes 9 bits and a square drive adapter.

PHOTO 1

PHOTO 2

PHOTO 3

F.A.T. WRENCH® USER INSTRUCTIONS

To adjust the Wheeler® Engineering F.A.T. Wrench®, please follow these steps to guarantee the most accurate torque settings:

1. Begin with the F.A.T. Wrench® adjusted to the lowest torque setting. To do this, grasp the body of the F.A.T. Wrench® as shown in PHOTO 1. Using your other hand, grasp the black knob at the bottom end of the handle. Pull the knob away from the handle to unlock it, and turn it counter-clockwise. The knob is spring loaded and will return to the locked position when it is released, preventing it from being turned. You must repeatedly pull the knob and turn it counter-clockwise until it comes to a stop. The red mark on the sliding indicator should be visible at the bottom of the scale below the 10 tic mark, as shown in PHOTO 1. This is also the where the F.A.T. Wrench® should be adjusted when it is not in use.

2. Using the same technique described in Step 1 to adjust the wrench, pull and turn the knob clockwise until the red mark on the sliding indicator is aligned with the desired tic mark on the scale. This can be seen in PHOTO 2, where the F.A.T. Wrench® is adjusted to 30 in-lbs.

3. When the F.A.T. Wrench® is adjusted to the desired torque setting, make sure the knob has returned to the locked position. This may require turning the knob slightly one way or the other and pressing it back into the locked position. See PHOTO 3.

4. Insert the bit needed into the hex drive tip. The F.A.T. Wrench® can now be used to apply torque to the fastener.

5. Tighten the fastener by turning the F.A.T. Wrench® clockwise. As the fastener begins to get tight, turn the F.A.T. Wrench® SLOWLY until you hear an audible click. Turn it two more for a total of 3 clicks. The fastener has now been tightened with the torque specified on scale.

6. After use, return the F.A.T. Wrench® to the lowest torque setting as described in Step 1.

Note: When using the F.A.T. Wrench® to torque small fasteners, make sure the bit and the head of the fastener are correctly aligned. Correct alignment will prevent damage to both the bit and fastener.

⚠ WARNING

- Always practice safe gun handling procedures when working on firearms.
- Always be sure the firearm being handled is unloaded.
- Most work on firearms should be performed by a qualified gunsmith.

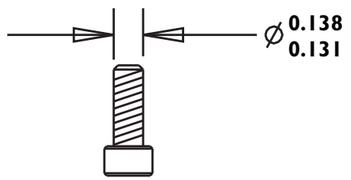
TORQUE RECOMMENDATIONS:

Always follow torque specifications provided by scope base or ring manufacturer.

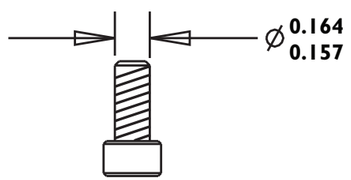
Before applying torque to any fastener, consider whether the fastener is lubricated or dry/degreased. Lubricated fasteners require much less torque to achieve consistent clamping power compared to dry un-lubricated fasteners. Keep in mind that most fasteners used for installing gun accessories are coated with oil to prevent corrosion. This oil as well as removable thread-locking compounds that are often applied to screw threads should be considered as lubricant.

NOTE: The values tabulated below are for high grade (SAE Grade 8 or equivalent) steel fasteners. If you are unsure about the size or quality of the fastener you are installing, start with a lower torque value and only increase to the maximum torques listed if you feel comfortable doing so. Bits are considered "use" items and are not warranted against bending or breakage.

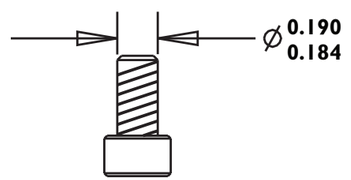
Nominal Screw Sizes	Common Uses For These Screws	Screw Diameter at Threads (in)	Lubricated Fastener Torque (in.-lbs.)
6-32 UNC 6-40 UNF 6-48 FINE	Commonly used on scope base mounts	0.131" - 0.138"	18 - 20
8-32 UNC 8-36 UNF 8-40 FINE	Commonly used on scope rings	0.157" - 0.164"	28 - 30
10-24 UNC 10-32 UNF	Commonly used on scope base windage screws	0.184" - 0.190"	40 - 45



6-32
6-40
6-48



8-32
8-36
8-40



10-24
10-32