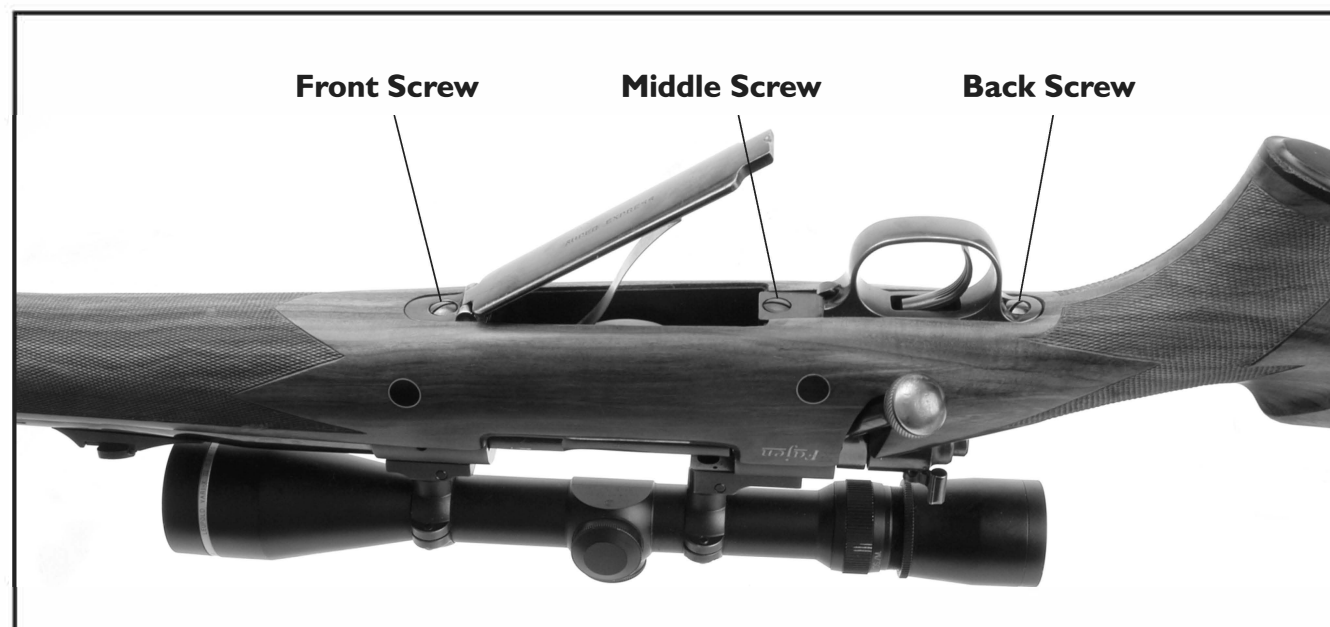


A FEW USEFUL TIPS:

- 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 bit 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.



Wheeler[®] Engineering

THE FAT WRENCH[®]

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...

Battenfeld[™]
Technologies, Inc.

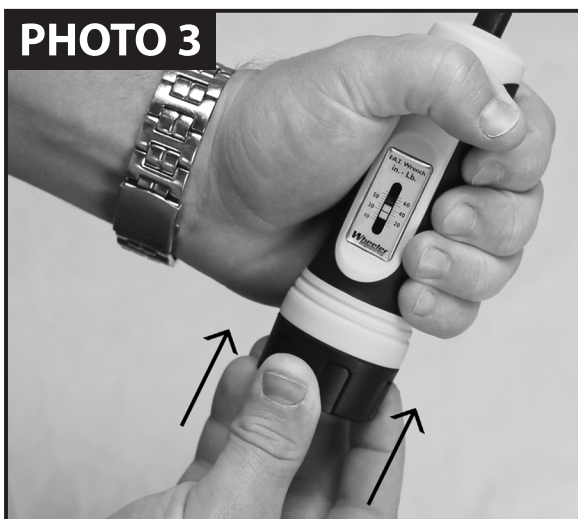
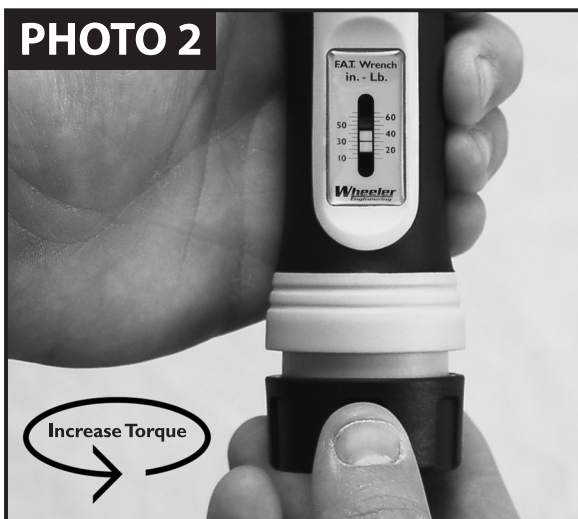
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WARNING: IMPORTANT SAFETY INFORMATION!

- 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.

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 1/4" 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.



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

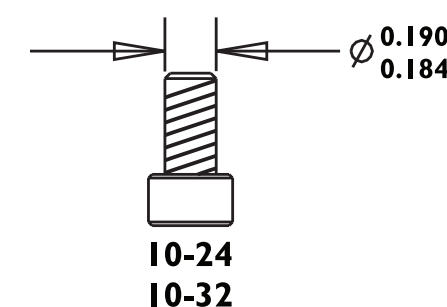
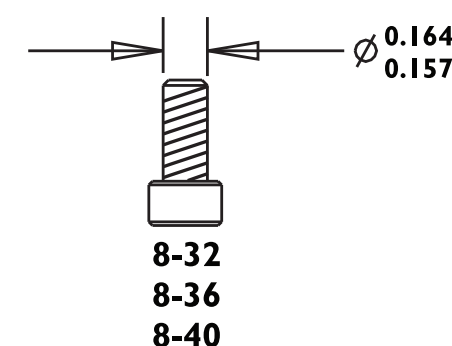
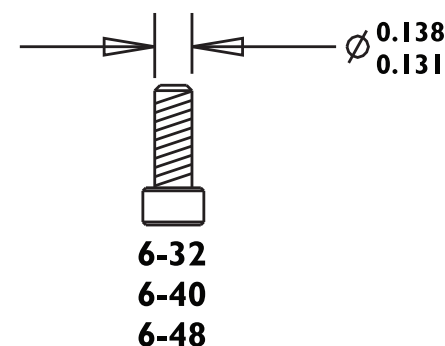
- Always practice safe gun handling procedures when working on firearms.
- Always be sure the firearm being handled is unloaded.
- Most work on firearms should be performed by a qualified gunsmith.

TORQUE RECOMMENDATIONS:

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 warrantied 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



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