

TORQUE SPECS

The following torque specs were gathered through various means, and to the best of our ability. We do not guarantee that they are correct, or that the manufacturer has not changed them.

ACCURACY INTERNATIONAL

AI One Piece Scope Mounts

- Ring Cap Screws: 18 in-lbs
- Scope Mount Clamp Screws: 31 in-lbs

AT / AX AICS

- Action Retaining Screws: 53 in-lbs
- Key Slot Accessories: 35 in-lbs
- M3 & M3 Stockside Securing Screws: 7 in-lbs

AT / AX Rifles

- Butt Pad Screws: 3.5 Nm (31 in-lbs)
- Barrel Clamping Screw: 5.5 Nm (49 in-lbs)
- Forend Retaining Screws: 5.5 Nm (49 in-lbs)

Aimpoint

Acro C-1/P-1

- Mounting screw: 25 in-lbs

Micro H1/H2

- Mounting screw: 18 in-lbs

Micro S1

- Mounting screws: 8 in-lbs

Micro T-1/T-2

- Mounting screw: 18 in-lbs

Micro Mount for Dovetail

- Mounting screws for H2: 12 in-lbs
- Mounting screws for H1: 7 in-lbs

Micro Tikka T3

- Mounting screws: 11.5 in-lbs

AMERICAN RIFLE COMPANY

M10 Scope Rings

- Scope Clamp Screws: 50-55 in-lbs
- Rail Clamp Screws: 50-55 in-lbs

M10 QD-L Scope Mount

- Scope Clamp Screws: 50 in-lbs
- Rail Clamp Thumb Screws: Finger Tight

Mausingfield Action

- Rail to Receiver Screws: 45 in-lbs

Barloc

- Clamping Screw: 90 in-lbs

BADGER ORDNANCE

Scope Mounts

- Ring Screws: 15-18 in-lbs
- Crossbolts: 65 in-lbs

BARRETT

MRAD

- Barrel Retaining Screws: 140 in-lbs
- Rail Accessories: 25 in-lbs

Fieldcraft

- Front Action Bolt: 80 in-lbs
- Rear Action Bolt: 36 in-lbs

BERGARA

Premier & Custom Rifle Series

- Action Screws: gradually tighten until 55 in-lbs

B14 Rifle Series

- Stock Screws: 7 Nm (62 in-lbs)

DESERT TECH

DT Scope Mount

- Base Screws: 80 in-lbs
- Ring Screws: 15 in-lbs

HTI

- Barrel Retention Screws: 80 in-lbs
- Stock Panel Screws: 24 in-lbs
- Trigger Position Screw: 24 in-lbs
- Trigger Mounting Screws: 24 in-lbs
- Sling Stud Screw: 24 in-lbs
- Cheek Piece Screw: 24 in-lbs
- Rail Segment Screws: 8 in-lbs

SRS

- Barrel Retention Screws: 80 in-lbs

- Stock Panel Screws: 8 in-lbs
- Trigger Screw: 24 in-lbs
- Trigger Mounting Screws: 24 in-lbs
- Sling Stud Screw: 24 in-lbs
- Cheek Piece Screw: 24 in-lbs
- Rail Segment Screws: 8 in-lbs

MDR

- Barrel Retention Screws: 80 in-lbs
- Handguard Screws: 30 in-lbs
- DTRO Mount: 30 in-lbs

EOTECH

512/552

- Mounting bolt: 17 in-lbs

XPS2/XPS3

- Mounting bolt: 17 in-lbs

GEISSELE AUTOMATICS

Super Precision® - AR15 / M4 Scope Mounts

- Ring Screws: 15-18 in-lbs
- Crossbolts: Do Not Exceed 70 in-lbs

GLOCK

- Front sight screw: 6 in-lbs

HAWKE OPTICS

- Base screws: 30 in-lbs
- Cap screws: 16 in-lbs

HAWKINS PRECISION

Ultra Light Tactical Scope Rings

- Ring Screws: 25 in-lbs
- Crossbolts: 65 in-lbs

H-S PRECISION

Rifles & Stocks

- Action Screws: 65 in-lbs

J ALLEN ENTERPRISES

JAE 700 / 700 XL

- Action Screws: 65 in-lbs

JP ENTERPRISES

APAC Chassis

- Action Screws: Front 45 in/lb, Rear 30 in-lb
- Hand Guard Screws: 32 in-lb
- Buttstock Adjustment Plate Screws: 32 in-lb

KAHLES

- Ring Screws: 21 in-lbs (max)
- Zero Stop Screws: 8 in-lbs
- Turret Screws: 8 in-lbs

KINETIC RESEARCH GROUP (KRG)

Whiskey-3 Chassis (Gen 6)

- Action Screws: 65 in-lbs

Bravo Chassis

- Action Screws: 65 in-lbs
- Screw located behind Action Screws: 45 in-lbs (after Action Screws have been tightened)

X-Ray Chassis (Gen 3)

- Action Screws: 65 in-lbs

X-Ray Chassis (Gen 2)

- Action Screws: 35 - 50 in-lbs

180 X-Ray Chassis

- Action Screws: 65 in-lbs

LEUPOLD

Tactical Mounts (including Mark 2, Mark 4, Mark 6, Mark 8)

- Ring Screws: 25 in-lbs
- Crossbolts: 65 in-lbs

Hunting Mounts

- Ring Screws: 25 in-lbs
- Base Screws: 45 in-lbs

MANNERS

For Remington size screws / actions

- Action Screws: 65 in-lbs Front / 45 in-lbs Rear

MAGPUL

PRO 700 Rifle Chasis

- Action Screws: 55-60 in-lbs

- Grip Screw (for Trigger Reach adjustment): 35 in-lbs
- Butt Pad Retaining Screws: Hand tight to 10 in-lbs

MASTERPIECE ARMS

BA Chassis System

- Action Screws: Sequence is as follows: Front- 25 in-lbs then Rear - 25 in-lbs, then Front - 65 in-lbs then Rear - 65 in-lbs

MCMILLAN USA

All Stock Models

- Action Screws: 40 - 45 in-lbs

M-LOK ACCESSORIES

- Polymer to metal: 15 in-lbs
- Polymer to polymer: 15 in-lbs
- Metal to metal: 35 in-lbs

MODULAR DRIVEN TECHNOLOGIES (MDT)

MDT Elite / Premier Scope Rings

- Ring Cap Screws: 18-20 in-lbs
- Ring Base Screws: 25-30 in-lbs

MDT 20 MOA Scope Base / MDT ESS Tall Scope Base

- Attachment Screws: 25 in-lbs

MDT ESS Chassis

- Action Screws: 60 in-lbs
- Forend Attachment Screws: 30 in-lbs

MDT LSS-XL Gen2

- Action Screws: 60 in-lbs

MDT Tac21 Chassis

- Action Screws: 60 in-lbs

MDT LSS Chassis

- Action Screws: 65 in-lbs

MDT HS3 Chassis

- Action Screws: 65 in-lbs

MDT LSS-22 Chassis

- Actions Screws: 30 in-lbs (adjust torque to improve accuracy)

MDT ESS Chassis

- Action Screws: 60 in-lbs
- Forend Attachment Screws: 30 in-lbs

NIGHTFORCE

- Ring Screws: 25 in-lbs
- Crossbolts: 68 in-lbs
- Base & Direct Mount attachment screws: 25 in-lbs
- Zero Stop Screws: 4 in-lbs
- Turret Screws: 4 in-lbs

Note: Crossbolts on six-screw 34mm rings: 100 in-lbs

Q

The Fix

- M1913 Accessory Rail Screws: 40 in-lbs
- Length of Pull Adjustment Screw: 35-40 in-lbs
- Comb Height Adjustment Screw: 35-40 in-lbs
- Barrel Nut: 40 ft-lbs (please note this in ft lbs)
- Barrel Cross Bolt: 40 in-lbs

- Handguard Draw Bolt and Cross Bolt: 40 in-lbs
- Top Rail Screws: 40 in-lbs (start at back and work towards front of Handguard)

REMINGTON

700

- Front action screw: 55-60 in-lbs
- Middle action screw: 40-45 in-lbs
- Rear action screw: 15-20 in-lbs

RUGER

10/22

- V-block screws: 10-20 in-lbs
- Action screw: 15-20 in-lbs (most people seem to prefer 20)

RPR

- Barrel Nut: 35-50 ft-lbs (please note this in ft lbs)
- Handguard Screws: 25 in-lbs

Ruger American Rifle

- Action screws: 60-80 in-lbs

SEEKINS PRECISION

SP15:

- NOXs Handguard Screw: 25 in-lbs
- SP3R & MCSR Handguard Screws: 25 in-lbs
- AR Grip Screw: 25 in-lbs

SP10:

- Handguard Screw: 25 in-lbs
- AR Grip Screw: 25 in-lbs

Havak:

- DBM Set Screw: 20 in-lbs
- DBM screws: 55 in-lbs
- Scope Base Screws: 25 in-lbs
- Misc:
- 30-35mm Scope Rings: 20 in-lbs (Cap) 50-55 in-lbs (Clamp)
- 1-inch Scope Rings: 20 in-lbs (Cap) 50-55 in-lbs (Clamp)

SIG SAUER

MCX:

- Barrel Screws: 60 in-lbs

MPX:

- Barrel Screws: 40 in-lbs

ROMEO zero:

- Mounting Screw: 9 in-lbs

SPUHR

- Ring Screws: 25 in-lbs
- Base Screws: 45 in-lbs
- Accessory Screws: 25 in-lbs

SWAROVSKI

- Ring Screws: 18 in-lbs

TALLEY MANUFACTURING

Lightweight rings:

- Ring Screws: 17-20 in-lbs
- Base Screws: 22-25 in-lbs

Steel Fixed Rings:

- Top Screw: 20 in-lbs

- Bottom Screw: 30 in-lbs

Picatinny Rings:

- Ring Screws: 20 in-lbs
- Crossbolts: 65 in-lbs

TRIJICON

RMR:

- Mounting Screw: 12 in-lbs

US OPTICS

Foundation Series

- Turret screws (silver/black): 5 in-lbs

VORTEX

- Ring Screws: 18 in-lbs
- Base Clamp Screws: 45-50 in-lbs
- Zero Stop Screws: 8 in-lbs
- Turret Screws: 8 in-lbs

Sparc Solar

- Base screws: 20 in-lbs

WARNE

- Ring screws: 25 in-lbs
- Base clamp screws: 65 in-lbs

XLR INDUSTRIES

Element, Evolution, Evolution HD, Evolution BMG Chassis:

- Action Screws: 65 in-lbs
- Buffer Tube Set Screw: 10 in-lbs

- Grip Screw: 45 in-lbs
- Handguard Cap Screws: 35 in-lbs
- Trigger Guard: 25 in-lbs

Carbon Chassis:

- Action Screws: 65 in-lbs
- Buffer Tube Set Screw: 10 in-lbs
- Grip Screw: 45 in-lbs
- Handguard Cap Screws: 35 in-lbs
- Handguard Bottom Bolts: 35 in-lbs
- Trigger Guard: 25 in-lbs

Envy Chassis:

- Action Screws: 65 in-lbs
- Buffer Tube Set Screw: 10 in-lbs
- Grip Screw: 45 in-lbs

XLR Scope Rings

- Ring Screws: 25 in-lbs
- Side Plate: 45 in-lbs

ZRODelta

DLOC-M4 and DLOC-M2 Scope Mount

- Ring Screws: 14 in-lbs
- Side Knob: 44 in-lbs