

Q: HOW DO I USE A SCOPE MOUNT TO ASSIST IN INSTALLING A RAIL?

A:

1. INSTALL THE UPPER RECEIVER IN A VISE

- Secure the upper receiver in a vise using a reaction rod or a clamshell vise block to prevent damage.

2. ATTACH THE BARREL AND BARREL NUT

- Insert the barrel into the receiver and secure it with the barrel nut.
- Use a torque wrench to tighten the barrel nut to specifications (typically 30-80 ft/lbs), ensuring it aligns for proper gas tube installation.

3. INSTALL THE SCOPE MOUNT ACROSS THE RECEIVER AND HANDGUARD

- Before fully tightening the handguard, loosely install a one-piece scope mount across both the upper receiver rail and the handguard rail.
- This creates a continuous alignment and ensures that both sections are level.

4. SECURE THE HANDGUARD

- While the scope mount is still attached, tighten the handguard screws to the manufacturer's recommended torque specs.
- The scope mount acts as a guide to eliminate any misalignment between the receiver rail and the handguard rail.

5. REMOVE THE SCOPE MOUNT AND INSPECT THE ALIGNMENT

- Carefully remove the scope mount.
- Visually check and run your hand over the top rail to ensure a smooth, level transition between the receiver and handguard.
- Use a straight edge or a bubble level if needed.

6. FINAL TIGHTENING AND TESTING

- Ensure all screws are torqued properly.
- Reinstall the scope or optics and confirm alignment before finalizing your rifle setup.

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