



INSTALL MANUAL

GEN 4 RANGE HANDLEBAR



TOOLS REQUIRED FOR INSTALLATION

- Allen wrenches: 2.5mm, 3mm, 4mm, 5mm, 6mm or T25 (depending on your cockpit and stem)
- Torque wrench that measures in Newton-meters (Nm)

HANDLEBAR SPECS:

Note: Review the stem manufacturer's installation manual for stem torque specifications. Refer to each of the manufacturer's torque specifications for each cockpit item.

SIZES/WEIGHTS:

- 31.8x25mm - 316g
- 31.8x 38mm - 313g
- 31.8x50mm 323g
- 35x25mm - 314g
- 35x38mm - 318g
- 35x50mm 324g

CLAMP WIDTH: 70mm

BACKSWEEP: 10 Degrees

UPSWEEP: 5 Degrees

MAX RIDER WEIGHT: 275 lbs

WARNING: DO NOT DRILL INTO OR MODIFY THE PNW RANGE HANDLEBAR IN ANY WAY. DOING SO WILL VOID THE WARRANTY. MODIFICATION OF THE RANGE HANDLEBAR IN ANY WAY MAY RESULT IN DAMAGE TO THE HANDLEBAR, WHICH MAY RESULT IN SERIOUS INJURY DURING USE.



GEN 4 RANGE HANDLEBAR INSTALL MANUAL



1. Remove grips and all other components and accessories from existing handlebars.



2. Remove the faceplate from the stem, and remove the existing handlebars.



3. Install your PNW Range Handlebar onto the stem and replace the faceplate by loosely and evenly tightening each faceplate bolt. The bar should be held in place, yet still able to rotate easily.



4. Rotate the bar into alignment by using the handlebar graphics.



5. Fully torque each faceplate bolt to the stem manufacturer's torque specifications to complete the installation of the PNW Range Handlebar. *Note: Review the stem manufacturer's installation manual for stem torque specifications. The maximum torque for the Range Bar is 8Nm.*



6. Install brake levers, shifters, dropper lever, and any other accessories onto the handlebar, adjust to your preferred positions, and then install grips. *Note: Refer to each of the manufacturer's torque specifications for each cockpit item.*



Double-check that all items installed are fully torqued.



CUTTING THE RANGE HANDLEBAR

For optimal safety and satisfaction, we recommend consulting with a professional bicycle mechanic before cutting your PNW Range Handlebar. It is highly recommended that you have your Range Handlebar cut and installed by a professional bicycle mechanic.

RECOMMENDED TOOLS:

- Hacksaw with guide or pipe cutter.
- Bench Vice if using saw and guide
- File
- Safety Glasses



HOW TO CUT THE RANGE HANDLEBAR USING A SAW AND GUIDE



Before cutting your Range handlebar, be sure to determine your preferred width. Double-check your desired width before proceeding.



We recommend using a handlebar cutting guide such as the ParkTool SG-6/ SG-7, or a pipe cutter to ensure a clean and straight cut.



Be sure to mark both ends of the bar to be cut equally to achieve your desired width. For instance, if you want to cut your Range Handlebar down from 800mm to 780mm, you'll want to cut 10mm from each side of the bar.



Once you've marked both ends appropriately, insert one end of the bar into the saw guide and tighten down with the desired cut line lined up in the saw guide.



Insert the saw guide into the bench vice and secure it in place.



Begin cutting the bar on the cut line. Start with a few strong strokes backward to initiate a straight and even cut, then build up your rhythm in a forward and backward motion until cutting is complete.

HOW TO CUT THE RANGE HANDLEBAR USING A SAW AND GUIDE



Repeat Steps 5-7 on the other side.



Remove any burrs or sharp edges from the ends of the handlebar using fine grit sandpaper, a file, or an emery stone.



PNW STICKER KIT APPLICATION

Note: For ideal decal application, install your PNW Decals after you have installed your Range Bar.

1. Clean the desired installation area with an alcohol wipe to remove any dirt, debris, or oil.
2. There are three large and three small “PNW” decals. The small ones are located next to the stem and the large ones are closer to the brake levers.
3. Slowly peel off the decal from the backing sheet, align the PNW decal with the corresponding PNW graphic found on your handlebars.
4. Apply the decals, rubbing each letter for 5-10 seconds each, this will remove any air bubbles under the decal.
5. Well dang, look at your fresh colorful PNW Range Handlebars!





PNW LIFETIME WARRANTY

PNW Components® branded products covered by this warranty are warranted to the original owner against manufacturing defects in materials and workmanship for the lifetime of the product, except for products that are identified as “PNW Cycled”, which instead are covered by a one-year warranty. This warranty applies to all PNW Components branded products. If your product covered by this warranty fails due to a manufacturing defect we will repair it without charge, or replace it, at our discretion. Only original, unaltered, and unmodified items and workmanship are covered. This warranty does not cover damage caused by accident, improper care, improper installation, negligence, normal wear and tear, or the natural breakdown of colors and materials over extended time and use. Damage not covered under warranty may be repaired for a reasonable rate and a fee will be charged for return shipping.

The products eligible for the lifetime warranty are covered for the original owner, for the lifetime of the product, the warranty is not transferable. Proof of purchase is required to validate warranty eligibility.

For warranty evaluation, a warranty claim must first be submitted to PNW Components using the Warranty Return Form: <https://www.pnwcomponents.com/pages/warranty>

Our policy requires that products accepted for repair be clean. Charges will be assessed if cleaning is necessary or the product may be returned to you if it cannot be adequately cleaned.

Did you want to begin a return instead? Please email us at: info@pnwcomponents.com

OTHER WARRANTY LIMITATIONS AND EXCLUSIONS: PNW Components is not responsible for direct, incidental, or consequential damages for any reason including damage resulting from a breach of a warranty or condition such as scratches in a device surface, lost data, or lost or destroyed personal property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations on the duration of the warranty may not apply to you.

This warranty gives you specific legal rights; you may have other rights, which vary from state to state.

CRASH REPLACEMENT POLICY/NO-FAULT REPLACEMENT

In the event of a non-warranty situation, PNW Components will make replacement parts available to the original owner at a reduced charge for the applicable warranty period described above.

Please email us at: info@pnwcomponents.com