



MANUAL

# LOAM CARBON HANDLEBAR



# LOAM CARBON HANDLEBAR MANUAL



## 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)

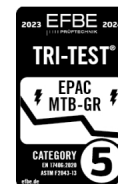
## HANDLEBAR SPECS:

*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.*

- MAX STEM CLAMP WIDTH: 70MM
- MINIMUM TRIM WIDTH: 740MM
- MAX STEM CLAMP TORQUE: 8NM
- MAX RIDER WEIGHT: 130KG/ 286LB
- MAX LEVER CLAMP TORQUE: 6NM

## NOTES ABOUT THE PRODUCT:

The PNW Loam Handlebar has been tested and passed ISO and EFBE testing (EPAC CAT 5 - Gravity) for mountain bike and e-MTB handlebars. It has been tested to DH and E-MTB Category 5 Standards. However, proper installation techniques are required for safe operation.



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

YOU SHOULD REGULARLY INSPECT YOUR LOAM CARBON HANDLEBARS FOR ANY CRACKS OR SPLINTERED AREAS, ESPECIALLY AFTER A CRASH, NO MATTER HOW MINOR IT MAY SEEM. ANY CRACK IS SERIOUS AND THE BIKE SHOULD NOT BE RIDDEN WITH THE LOAM CARBON HANDLEBAR INSTALLED IF A CRACK OR SPLINTER IS FOUND.



# LOAM CARBON HANDLEBAR MANUAL

## STEP-BY-STEP HANDLEBAR INSTALLATION:



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. Apply carbon assembly paste to the PNW Loam Handlebar center bore area, directly where the handlebars will be mounted on the stem.

*Note: Follow the carbon assembly paste manufacturer's instructions for proper application.*



4. Install your PNW Loam 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.



5. Wipe away any excess carbon assembly paste.



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



# LOAM CARBON HANDLEBAR MANUAL

## STEP-BY-STEP HANDLEBAR INSTALLATION:



7. Fully torque each faceplate bolt to the stem manufacturer's torque specifications to complete the installation of the PNW Loam Handlebar.

*Note: Review the stem manufacturer's installation manual for stem specifications.*



8. 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.*



9. Double-check that all items installed are fully torqued.

*Note: Do not use handlebar extensions on the PNW Loam Handlebar bar ends. Do not use grips with a single outer clamp.*



# LOAM CARBON HANDLEBAR MANUAL

## CUTTING THE LOAM CARBON HANDLEBAR

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

**WARNING:** ONLY USE A SAW BLADE THAT IS INTENDED FOR USE WITH COMPOSITE MATERIALS. DO NOT USE A PIPE CUTTER, GRINDER, STANDARD HACKSAW BLADE, OR ANY OTHER METHOD NOT INTENDED FOR USE WITH CARBON FIBER. INHALING CARBON FIBER REMNANTS CAN BE HAZARDOUS TO YOUR HEALTH. WEAR PROPER PPE AND CAREFULLY AND COMPLETELY CLEAN YOUR WORKSPACE AND HANDLEBARS AFTER CUTTING IS COMPLETE.

## RECOMMENDED TOOLS:

- HACKSAW
- CARBON CUTTING SAW BLADE
- ELECTRICAL TAPE
- SAW GUIDE
- BENCH VICE
- FINE GRIT SANDPAPER, FILE, OR EMERY STONE
- PPE: SAFETY GLASSES, FACE MASK, PROPER VENTILATION





# LOAM CARBON HANDLEBAR MANUAL

## HOW TO CUT THE LOAM CARBON HANDLEBAR:



**1.** Before cutting your Loam Carbon handlebar, be sure to determine your preferred width. Double-check your desired width before proceeding.



**2.** Put on your PPE, carbon fiber dust can be hazardous to your health and dangerous for your eyes and sinuses.



**3.** Apply tape on the inboard side of the bar, right up to the outer edge of the marked cutline that you're aiming for, electrical tape works well. The application of the tape will help prevent the carbon from fraying during the cutting process.



**4.** 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 Loam Handlebar down from 800mm to 780mm, you'll want to cut 10mm from each side of the bar.



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



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



# LOAM CARBON HANDLEBAR MANUAL

## HOW TO CUT THE LOAM CARBON HANDLEBAR:



7. 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.



8. Repeat Steps 5-7 on the other side.



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



# LOAM CARBON HANDLEBAR MANUAL

## PNW STICKER KIT APPLICATION:

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

1. Clean the desired installation area with an alcohol wipe to remove any dirt, debris, or oil.
2. Slowly peel off the backing paper from the decal, ensuring each decal bit remains on the plastic top film.
3. Once the alcohol is dry on the installation area, align the PNW transfer 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. Slowly peel off the plastic film, ensuring that each letter stays adhered to the handlebar.
6. Gently press each letter as you go to ensure they are fully adhered to the handlebar.
7. Well dang, look at your fresh colorful PNW Loam Carbon Handlebars!







# LOAM CARBON HANDLEBAR MANUAL

## 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](mailto: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](mailto:info@pnwcomponents.com)