



INSTALL MANUAL

LOAM STEM



TOOLS NEEDED:

- 4mm, 5mm, 6mm, or T25 hex wrench
(depending on your headset top cap)
- A properly calibrated torque wrench that measures in Newton-meters [Nm]
- Fiber paste *(if using a carbon handlebar)*

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

YOU SHOULD REGULARLY INSPECT YOUR LOAM STEM FOR ANY CRACKS OR DAMAGED BOLTS, ESPECIALLY AFTER A CRASH, NO MATTER HOW MINOR IT MAY SEEM. ANY CRACK IS SERIOUS AND THE BIKE SHOULD NOT BE RIDDEN IF A CRACK OR DAMAGED BOLT IS FOUND.



LOAM STEM INSTALL MANUAL



Note how many headset spacers you have above and below your stem.



Disassemble your handlebar from your stem, and remove your existing stem from the fork steerer.



Loosen the Loam stem steerer bolts on your PNW Loam stem so that the stem can easily fit onto the fork steer tube.



Install your stem with the same number of headset spacers as you noted earlier. Be sure to have at least one 5mm 1-¹/₈" headset spacer under the stem. Depending on your existing stem stack height, you may need additional spacers above the Loam Stem.



Remove the Loam stem faceplate.



Install the handlebar into the stem and replace the faceplate by loosely and evenly tightening each faceplate bolt. Ensure the faceplate is in the correct position by checking the "PNW" logo on the front is upright.



LOAM STEM INSTALL MANUAL



7. The bar should be held in place, yet still able to rotate easily. Note* If installing a carbon fiber handlebar, check your handlebar manufacturer's recommendation regarding carbon assembly paste.



8. Rotate the bar to your preferred alignment and be sure the bar is in the center of the stem.



9. Once the bar is in the correct position, tighten the top two faceplate bolts until there is no gap between the faceplate and the stem body. Torque to 6Nm.



10. Once the top two bolts are tight, proceed to tighten the lower stem bolts. Torque to 6Nm.



11. If you used carbon assembly paste, wipe away any excess.



12. Install and tighten the headset top cap.



Now, be sure that there is no play in the headset, and that it's not overly tight. With the bike on the ground, stand over the bike to adjust the headset preload bolt. Turn it clockwise a half turn at a time, stopping to check if it is still loose by placing one hand over the lower headset cup and one on the brake lever – apply the brake and check for knocking as you rock the bike back and forth. When the excess play is corrected, lift the front end off the ground a few inches and to be sure the wheel still turns freely side to side. If the wheel does not turn freely side to side begin loosening the headset preload bolt a turn at a time until the wheel turns freely and there is no knocking/play. Note: If there is still play after this step, you may need another headset spacer.



Adjust the bars/stem so that the bars are straight and aligned with the front tire.



Torque the stem steerer bolts to 6Nm.



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