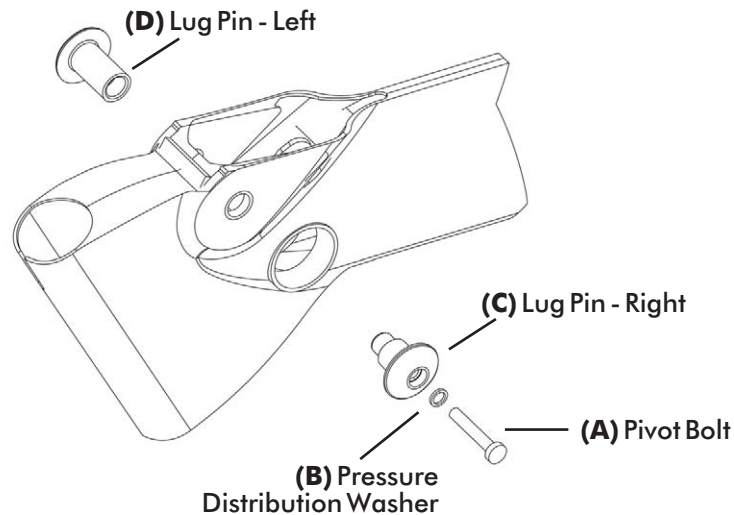


ROCKET BEAM UPPER PIVOT ASSEMBLY & MAINTENANCE

SOFTTRIDE, Inc.

4201 Meridian Street, Bellingham, WA 98226

(360) 647-7420



SOFTTRIDE recommends that this procedure only be completed by a trained mechanic with the correct parts and tools. If these instructions are not adhered to, the assembly will not perform as designed. The Rocket pivot design allows for simple adjustments of the beam using just one tool. However, the pivots are precision mechanisms with close tolerances and require exact adjustment to function properly.

***Replace the entire upper assembly every 2 years or every 5000 miles (SKU #23771).**

TOOLS NEEDED:

- Torque wrench in inch/pounds with 4mm Allen attachment.
- Teflon or Lithium based grease
- Cleaning rag

1. To remove the Upper Pivot Assembly, back out the M6 bolt with a 4mm Allen wrench. Remove and thread the M6 bolt into the opposite side female/threaded pin. Then insert your 4mm Allen wrench or a 1/8 punch through the male/non-threaded pin and tap out the opposite side pin by pushing directly inward on the Allen wrench to dislodge the female/threaded pin from the frame. Once loose, back out and remove the M6 bolt and the female/threaded pin completely. Now, insert your 4mm Allen wrench or a punch through the empty lug socket and manually dislodge the male/non-threaded pin. Once removed, clean the frame surface as well as the Pins and M6 bolt assemblies thoroughly.
2. To re-install, insert the beam in the frame and place the female threaded pin into the drive side socket of the frame and the male/non-threaded pin into the non-drive side socket of the frame. Use a liberal amount of Teflon or Lithium based grease.

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3. Place Lock Washer onto the M6 bolt before installing.
4. Slide the M6 Bolt and Lock Washer through the male/non-threaded pin and begin threading the M6 bolt into the female/threaded pin. DO NOT force the bolt. If these parts are misaligned, or threads stripped, it places undue load on the bolt and compromises the strength of the bolt.
5. Using a torque wrench, tighten the bolt to 75 inch/pounds. Over-tightening the M6 bolt will lead to weakening and possible breakage.

NOTES & HELPFUL HINTS:

- If you remove and re-thread the bolt numerous times, be sure to follow the above instructions each time. To maintain strength, periodic replacement of the bolt is also recommended.
- If friction induced noise is heard coming from the assembly, clean and then lightly grease both pins and reassemble per Step 2.
- Placing the thin Lock Washer between the M6 bolt head and where it contacts the male/non-threaded disperses the load and strengthens the M6 bolt's head.
- At 75 inch/pounds there will be some slight side-to-side play at the beam-frame junction, Do not fret! This motion is suppose to be there and was designed into the beam to help encourage better hip alignment for the rider. DO NOT attempt to eliminate this play by over-tightening the M6 bolt (A) until all the play is gone; you will jeopardize the integrity of the bolt and eliminate the alignment feature. 75 inch/pounds is the exact torque specification recommended by SOFTTRIDE and can only be accurately set up with a torque wrench. DO NOT over-tighten.

Questions?

Call Technical Support from 8 to 5 Pacific at 1-800-557-6387 or visit www.softride.com
