

Ridge Headset Spacer Mount Installation

Pack Contents:

- 1x CNC Machined 6061-T6 Aluminium Body

1. Pre-Installation Check:

- Ensure your existing headset and stem are in good condition. Worn headset parts may need to be replaced before fitting your new Ridge Hinged Mount.
- Ensure that you have the correct tools; Hex keys, torque wrench and lithium grease.
- Ensure your bike is securely held in a work stand or is on a stable surface.

2. Original Headset Top Cap Removal:

- Use a hex key of the appropriate size to loosen the original headset top cap bolt, ensuring that the hex key is securely inserted into the bolt recess before attempting to remove it.
- If the cap cannot be removed easily, undo the stem steerer bolts to release any lip that may be on the underside of the cap that may be preventing easy removal.
- Completely remove the original headset top cap and retain it for reuse.

3. JRC Ridge Hinged Mount Installation:

- Fit the JRC Ridge Hinged Mount to the extended steerer tube above the stem. The total spacer stack height including the Ridge Mount must allow the headset to be adjusted correctly.
- Refit headset top cap and adjust headset as detailed below in Section 4: '*Refitting headset top cap and final headset adjustment*'.
- Adjust the Ridge Hinged Mount hinge section to attain your desired screen angle.
NB: For the mount's hinge adjustment, the 3mm hex main bolt on the right side must always be used with the included split washer and tightened to 2.5-3.5Nm to prevent the mount splaying open BEFORE locking it into position with the 2mm hex grub screw.
- ***The hinged section has a range of +/-45 degrees from horizontal to accommodate the preferred screen angle.***
- The hinged section is further secured using the 2mm hex grub screw on the left side of the mount which should be tightened to maximum torque of only 1.5Nm*
****Warranty does not cover damage caused by performing the above adjustment steps in the incorrect sequence****
****It may be necessary to partially undo the 2mm hex grub screw to attain the desired screen angle before tightening the main hinge bolt and then finally retightening the grub screw.***

4. Refitting headset top cap and final headset adjustment:

- For top cap tightening there is no specified torque setting but the headset is considered adjusted correctly when you have achieved '**free rotation without play**'. That is, free rotation left to right without any discernible headset play when the front brake is pulled and the bike is rocked back and forth with the brake held on.
- If headset play is detected, it must be readjusted, (but not overtightened) until play is no longer felt.
- Align stem with front wheel and tighten the stem steerer clamp bolts to the stem manufacturer's recommended torque ensuring you have achieved 'free rotation without play' and the headset is correctly adjusted.

5. Pre-Ride Check:

- Ensure the cap and stem are fully secure and the headset is adjusted as described above before test riding the bike.
- If you encounter any difficulties during fitting, or are unsure about any step, it is recommended that you consult a suitably certified bike mechanic for assistance.

Troubleshooting:

- If the mount is rattling during the pre-ride check, stop and recheck the installation of both mount and device to ascertain the cause.
- Do not keep tightening the bolts without checking if there is an issue with the fit of the GPS device to the mount insert.

Additional Notes:

- If you encounter any difficulties during fitting, or are unsure about any step, it is recommended that you consult a suitably certified bike mechanic for assistance.