

## Original Enkei Headset Top Cap Mount Installation Guide

### *Pack Contents:*

- 1x CNC Machined 6061-T6 Aluminium Cap
- 1x Plastic insert
- 1x M6 Countersunk Headset Bolt
- 2x Fixing Screws
- 2x Spare Fixing Screws

#### 1. Pre-Installation Check:

- Ensure your existing headset and stem are in good condition. Worn parts or bearings may need to be replaced before fitting your new Enkei cap.
- 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.

#### 1. Original 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.

#### 2. JRC Enkei Top Cap Mount Installation:

- Grease the threads of the new M6 countersunk bolt, pass it through the corresponding hole in the Enkei mount.
- Thread it into the star nut or expander plug finger tight until the Enkei cap is touching (but not forced against) the top of the stem clamp.
- Undo the stem steerer bolts until the stem is just able to rotate left or right on the stationary steerer for a firm, sliding fit.

#### 3. Enkei Top Cap Bolt tightening 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 until play is no longer felt. NB: Take care not to over tighten the cap when performing this.

- 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.

#### 4. Computer Insert Fitting:

- Locate the 2 smaller bolt holes on the Enkei cap.
  - A. For Wahoo installation, these should sit at 3 o'clock and 9 o'clock positions**
  - B. For Garmin installation, these should sit at 6 o'clock and 12 o'clock positions**
- It is important to ensure these align precisely to the above alignments to ensure the bike computer sits straight after installation.
- Mount the plastic insert on the Enkei aluminium inserting the smaller M3 bolts provided into the bolt holes there. *It is important to use a fresh, square-edged allen key* for this step as a more rounded (or worn) hex tip of this size may damage the smaller bolt hex recess.
- **Torque the M3 bolts evenly to 2Nm only.**

#### 5. Pre-Ride Check:

- Ensure the cap, plastic insert 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.