

# INSTALLING Inspired HEADLOCK SYSTEM

**WARNING!** If you are unsure of any of the instructions outlined below, please do not attempt to ride your bike until it has been checked and certified by a qualified cycle mechanic.

## 1. FORK PREPARATION.

Remove the existing headset preload bolt and top cap, and loosen the stem pinch bolts. Remove any star-nut in the fork steerer before fitting the headlock system.

## 2. SELECT BOLT LENGTH.

Insert the lower assembly into the fork steerer until the bottom cap sits tightly against the inside of the fork crown as shown in fig.1. Measure the distance (**X** in fig.1) from the top of the headlock tube to the top of the stem. Remove the lower assembly and use the measurements in the table in fig.1 to choose the correct top bolt length for your bike.

## 3. ROUTE THE BRAKE HOSE.

Disconnect the front brake cable/hose from the front brake lever (see manufacturer's instructions). Route the cable/hose up through steerer/stem and over the handlebar to reconnect to the brake lever. If using a hydraulic brake, re-bleed the system according to manufacturer's instructions. Check the brake is functioning correctly before proceeding.

## 4. BOTTOM CAP ALIGNMENT.

If the brake cable/hose enters the steerer from the drive side, the bottom cap must be fitted so the bolt is positioned to the front of the bike (as shown in fig.2). If the brake cable/hose enters the steerer from the non-drive side, the bottom cap must be fitted so the bolt is positioned to the back of the bike (as shown in fig.3).

## 5. INSTALL THE BOTTOM ASSEMBLY.

Re-insert the lower assembly into the fork steerer tube until the bottom cap sits tightly against the inside of the fork crown and ensure the bolt is correctly positioned (see step.4). Check the brake cable/hose exits on the non-drive side and is **not crushed by the bottom cap**.

## 6. INSTALL THE TOP ASSEMBLY.

Insert the correct length bolt into the top cap and apply a small amount of grease to the threads. Screw the assembly into the headlock tube ensuring the brake cable/hose is lined up with the channel in the top cap. Make sure the routing is smooth and the top cap is **not crushing the cable/hose**. Tighten the top bolt using a good quality 5mm Allen key according to headset manufacturer's instructions (there should be no play in the headset and the forks/handlebar are still able to turn freely.).

## 7. COMPLETE INSTALLATION.

Tighten the stem pinch bolts according to the manufacturer's instructions and check that the brake cable/hose does not rub on the tyre. Ensure that the brake has been tested and is functioning normally before using the bike.

## HEADLOCK REMOVAL.

To remove the headlock, follow the instructions above in the reverse order. It may be necessary to use an additional 5mm Allen key to hold the bottom bolt when loosening the top assembly.

Fig.1 - Bolt Length Diagram.

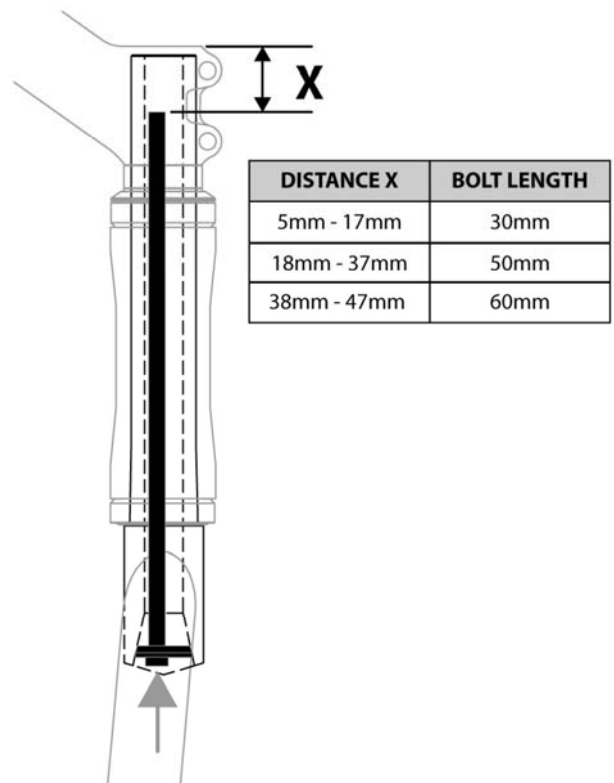


Fig.2 - Top Hose Enters On Drive Side, Fit Bottom Bolt Towards Front.



Fig.3 - Top Hose Enters On Non-Drive Side, Fit Bottom Bolt Towards Back.

