FRONT AND REAR THRU-AXLE SYSTEM FITTING AND MAINTENANCE

WARNING: BEFORE USING YOUR MASON BICYCLE OR FITTING AND REMOVING THE FRONT WHEEL, PLEASE READ CAREFULLY, UNDERSTAND AND FOLLOW THE BELOW FITTING, ADJUSTMENT AND SAFETY INSTRUCTIONS FOR THE MASON 'F-STOP AXLE SYSTEM'.

HOW TO USE THE F-STOP THRU-AXLE

- Install the wheel into the fork until the hub comes up against the stops on the inside of the fork tips.
- Slide the thru-axle 'A' through the fork and hub until it contacts the threads on the non-drive side axle insert 'B'.
- **Place the thru-axle** 'release lever' 'C' in the 'Open' position and turn the axle clockwise to tighten the axle into the thread of the insert.
- **Do not apply excessive** turning force to the lever but turn firmly until the axle is secure. The adequate turning force on the lever is 100N.
- **Move the lever to the 'Closed' position** to secure the wheel into the fork. Use firm pressure [150-200N is adequate] and make sure the lever is fully closed.

NOTE: If you cannot fully close the lever without excessive force, re-open and turn the thru-axle slightly counter-clockwise, then re-close the lever firmly.

- The 'F-Stop system' allows you to accurately adjust the closing angle of the release lever in relation to the fork blade. **See 'F-Stop Lever Angle Adjustment' for full instructions.**

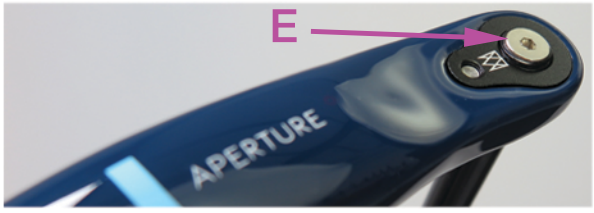
WARNING: It is important to remember that just a quarter turn of the release lever 'C' can be the difference between correct and incorrect closing force of the thru-axle lever. If thru-axle is not properly adjusted and the axle comes loose, the wheel may suddenly and unexpectedly eject from the fork. This may result in an accident causing personal injury or death.

BEFORE RIDING:

- **Check that the thru-axle is properly secured and fastened and all retaining hardware is tight and un-damaged.**
- **Check wheel installation before riding. Lift the front of the bicycle and give the wheel a downward blow and check for side to side play. The wheel should not move. If in doubt repeat the installation procedure or consult Mason Cycles.**
- **Practice use of the thru-axle until you can obtain correct closing force easily.**
- **If you have any doubts about tightness or correct use, contact Mason Cycles immediately.**

F-STOP LEVER ANGLE ADJUSTMENT

The angle of the closing lever 'C' can be adjusted so that it always closes to your chosen position when the axle is tightened and the lever moved to the 'closed' position. Recommended position for the closed lever is pointing backwards, away from direction of travel and at a slight upwards angle towards the brake caliper. **SEE PHOTO 'D'.**



- The lever closing angle is adjusted by loosening hex-screw 'E' using a 3mm hex-wrench. **NOTE:** Always move lever 'C' to the 'Open' position when loosening or tightening screw 'E'.
- When the screw is slightly loosened [you DO NOT need to remove completely], it is possible to rotate the lever 'C' and axle 'A' independently of the threaded end section 'F'.

- Rotate the release-lever/axle to your required position and re-tighten screw 'E', using a torque wrench to a setting of 7.5Nm.
- The small arrow and F-Stop graduations can be used to reset to your chosen angle if the threaded section is ever removed or replaced.
- Now re-close the lever and repeat the steps above to fine-tune or as the system 'beds-in' with use.

NOTE: CHECK SCREW 'E' REGULARLY AND NEVER RIDE IF LOOSE OR MISSING. CONTACT US IMMEDIATELY IF IN DOUBT OR FOR SPARE PARTS.

REAR THRU-AXLE TORQUE SETTINGS

WARNING: Failure to securely fasten any axle or fastener to the recommended torque can result in sudden injury or death.

BEFORE RIDING:

- Check that the thru-axle is properly secured and fastened using a torque wrench to a setting of **9Nm**. The Hex socket head accepts a 5mm Hex key.
- Check wheel installation before riding. Lift the rear of the bicycle and give the wheel a downward blow and check for side to side play. The wheel should not move. If in doubt repeat the installation procedure or consult Mason Cycles.
- Practice use of the thru-axle until you can obtain correct closing force easily.
- If you have any doubts about tightness or correct use, contact Mason Cycles immediately.