

# ASSEMBLY REQUIREMENTS

after removal of all packing material except the front brake caliper wedge

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This bicycle is designed for travel. The tools needed to pack and reassemble are included. The initial assembly is almost the same as reassembly after airline travel. We recommend that bike owner learn the skills that allow them to reassemble the bike themselves, for example at an airport. The skills include judging torque (tightness) levels by hand the way bike mechanics do.

SUB ASSEMBLY	TOOLS REQUIRED	GUIDE FOR MECHANICS	TORQUE	OWNER SHOULD KNOW
Black front brake rotor cover		Removed it during unpacking and place it with the owner's package.		Reuse this if packing to fly
Handlebars (hb), stem, controls	4MM HEX (ALLEN) KEY.	With the bike held vertically and the fork dropouts firmly on the floor. Remove the steerer top-cap and the 40mm spacer below it. Lift the HB assembly to the approximate position it will be in and check you have the cables around the right way. Fit the stem to the steerer and refit the top cap above it. Follow stem-to-fork tightening system as taught in the Vivente document enclosed plus on the website at bike_service. If a trekking or riser bar model of bike, adjust the angle of the brake and shift levers to suit the rider.	TOPCAP - 5-8Nm. STEM=STEERER topcap screw) the stem and bars 5Nm LEVERS ON subassembly. FLATBARS - 5Nm	
Front mudguard & front light	4MM & 5MM HEX (ALLEN) KEY + 10MM RING SPANNER.	Fit the front reflector under the headlight and, with the mudguard tab at the back of the fork crown, fit the light and the guard with the 50x6mm bolt, hex head at the back and tighten loosely at first. Attach the mudguard stays to the lower of the twin fork blade mounts, using both a small and large washer. Centre the guard and, tighten from the hex key end. During tightening, recheck for centring and possibly raise or lower the guard. Mount the headlight cable to the inside of the fork blade, leaving the hub connector end with about 3cm of spare cable. Connect the rear light wires at the top of the frame downtube to the wires at the rear of the headlight. Adjust the double-pivot light bracket to suit.	STAYS - 8Nm. Light grease on mounting screws. Removal of WIRE MOUNTS- front light or reflector not necessary when 5Nm. CENTRE packing to fly. BOLT 10Nm.	
Tail Light	8MM OPEN ENDED SPANNER	Connect wires at the rear of the carrier and then fit the light to the carrier.		5Nm Removal not necessary when packing to fly.
Front wheel & quick release (qr) skewer		Remove the wedge in the brake caliper. Don't depress the front brake lever until the wheel is fitted in place. The qr lever may be on either side of the bike but should point to the rear when closed. The hub light connection should be at 1-2pm when viewed from the right side of the bike.		Not to depress the front brake lever unless the rotor is in place. Correct use of a quick release mechanism.
Kick stand	5MM HEX (ALLEN) KEY. T25 KEY.	Lightly grease the threads. Fit and tighten to the position at the rear left side. Use the spring washers. Vary the height of the wire leg to suit.	45Nm	Grease the threads. High torque.
Seat and Seatpost	5MM HEX (ALLEN) KEY.	Note and abide by the minimum insertion line on the seatpost. Line the seat up along the frame top tube. Use a marking pen during the period of getting the best seat height.	5Nm	Light grease on the seatpost area inside the frame.
Pedals	15MM OPEN ENDED SPANNER.	Lightly grease the threads. The left side pedal has a left-hand thread. On drop bar bikes the plastic plate may be removed to give double sided clipless pedals.	35Nm	Left pedal has left hand thread.
Cage & Bottle	4MM HEX (ALLEN) KEY.	There are three possible mounting points (two on xs bikes). There is an extra bottle and cage in the owners box. Normally use the top-of-downtube for the first mounting location.	5Nm	
Inflate Tyres	SCHRADER VALVE AIR PUMP.	Follow the maximum pressure levels indicated on the rim. For width 32-35 = max 5.5 bar (80psi).		How to recognise the correct air-pressure level.

## TORQUE CONVERSION

5Nm 45 In-lb  
8Nm 70 In-lb  
10Nm 90 In-lb  
35Nm 310 In-lb  
45Nm 400 In-lb

## AFTER ASSEMBLY, FOR ALL BICYCLES

Check gear and brake adjustments and adjust them if necessary.  
Recommend that the bike be returned in the earliest of 1 mth or 500km for 1st service.  
Check that the crank bolts are tight to 45nm.

## LEFT AND RIGHT SIDE OF ROAD RIDING

This bike is currently set up for left side riding. For right hand riding search 'right hand traffic' on [www.viventebikes.com](http://www.viventebikes.com)

## MAX TYRE PRESSURES DEPEND ON TYRE WIDTH

28 WIDE 6 BAR (87 PSI)  
32-35 WIDE 5.5 BAR (80PSI)  
45 WIDE 4 BAR (58 PSI)