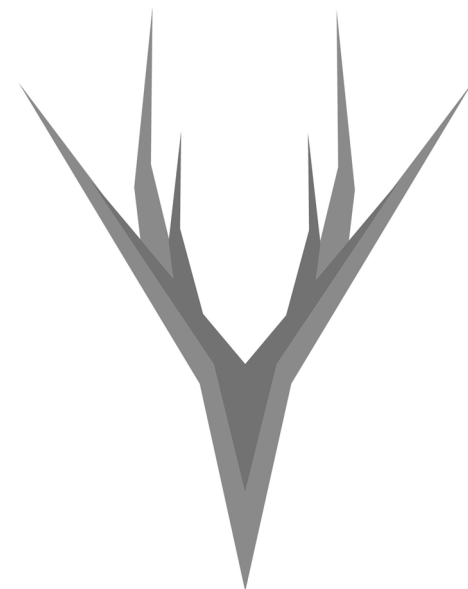


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Electric Range

eC-7 Men's & Women's: Coniston

**Supplementary Service Manual
2016 Edition 1**

NOTES (continued)



Table of Contents

- 1.0 Introduction
- 2.0 Geometry:
 - 2.01: Coniston Men's
 - 2.02: Coniston Ladies
- 3.0 Preparations for riding:
 - 3.1 Making Adjustments
 - 3.2 Set up of Fork
 - 3.3 Battery maintenance
- 4.0 Safety
- 5.0 Lubrication:
 - 5.1 General Lubrication
- 6.0 Torque Settings
- 7.0 Notes.



1.0: INTRODUCTION

Thanks for choosing to purchase this Whyte product. We hope you will enjoy all the benefits its advanced design and engineering will bring to your riding experience.

This particular range of Electric bikes are fitted with electric pedal assistance, which depends upon how much force you will exert on the pedals. The following specific components are what makes these bikes different from a conventional pedal cycle:

- A battery pack fitted above the downtube.
- An electric motor fitted to the bottom-bracket, output power of up to 250 Watts maximum.
- A controlling system fitted to the handlebars.

This manual will guide you through the set-up, safety and maintenance procedures that are specific to your Whyte bike. For other more general information, we strongly advise that you also read thoroughly the General Instruction Manual that is also supplied with your new bike.

Also, please note that the specification of all the components that are fitted to your bike as standard may be obtained from the Whyte Bikes Brochure or alternatively from the Whyte Bikes website **www.whyte.bike**

Please remember, if you are in any doubt about your ability to safely service or repair your Whyte bike, do not ride it and instead arrange for a professional bicycle mechanic at your local Whyte dealer to do the job correctly.

Bundled with this manual, are the respective manufacturers instructions and manuals for the branded parts that are fitted to your Whyte bike. Please take time to study all the relevant instruction manuals to ensure you have a continually safe and well set-up bike before every ride, and to help you build up a relationship of knowledge between you and your Whyte Dealer.

Happy and safe riding,

Whyte design team.



WARNING: There are specific safety instructions for the Shimano STEPS electric power system, which are detailed in the Shimano STEPS User manual UM-70H0A-002-00 and Dealer manual DM-SP0001-03. ***In particular, certain potential hazards associated with handling/disposal of the battery and also how to safely utilise the electric motor assistance whilst riding your bicycle.*** We therefore strongly recommend that these points are studied with great care, to ensure safe operation of your Whyte electric bicycle.

Designed for the following use:

The bicycles in the Whyte eC-7 series' have all been designed, tested and comply with ISO 4210-2 Safety Standard, for typical road or path cycling use. They have not been designed or tested for mountain biking or for use in competition.

5.0: LUBRICATION

5.1: GENERAL LUBRICATION

For the correct lubrication regime and maintenance of all parts on a Whyte bicycle, please refer to the specific component manufacturers detailed instructions bundled with this manual or for further information visit the specific manufacturers website.

6.0: TORQUE SETTINGS

IMPORTANT: For all torque settings, refer to the specific manufacturers information bundled with this manual, or alternatively, refer to the specific manufacturers website for further information.

7.0: NOTES

3.3: BATTERY MAINTAINENCE

Tools Required: Shimano charging equipment.

Given that the combined mass of the electric power system makes these bikes significantly heavier than equivalent pedal cycles, it is important to avoid running out of battery power whilst riding. Otherwise the bike will be quite a challenge to continue riding! Therefore it is advised to implement the recommendations made by Shimano concerning battery maintenance, charging regime and replacement/disposal, as detailed within the Shimano STEPS User manual UM-70H0A-002-00 and Dealer manual DM-SP0001-03.

4.0: SAFETY

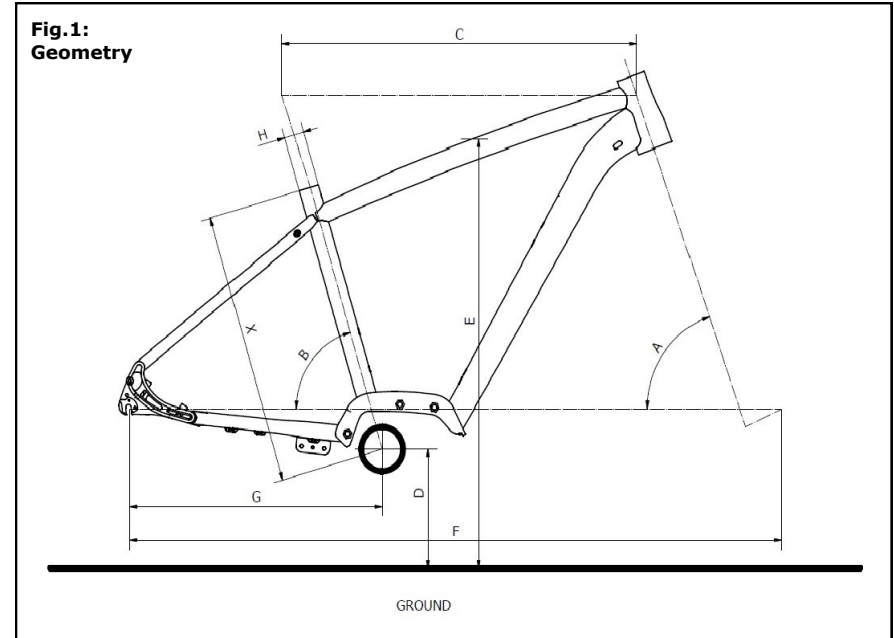
IMPORTANT: The following are intended to be advisory notes on the safe use of your Whyte bike. You should also read thoroughly the General Instruction Manual also supplied with your new bike. If at any stage you are uncertain about the safety or safe operation of the bike as a whole, or any specific component, then **DO NOT RIDE YOUR WHYTE** and instead please consult the specific component manufacturers instruction manual or your Whyte Dealer for advice.

Maximum Rider Weight Limit for this range of Whyte Bikes: 19 Stone/120kg

WARNING: As is the case with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear and stress fatigue in different ways. If the design life of a component has been exceeded, it may fail suddenly causing possible injury to the rider. Any form of crack, scratches and decolouring in highly stresses areas are showing that the component has exhausted its life time and has to be replaced. If you are in any doubt about one or more components on your Whyte **DO NOT RIDE YOUR BIKE**. Consult the specific component manufacturers literature, or take your bike to your local Whyte Dealer.

CAUTION: These bikes have disc brakes as standard equipment. It is NOT PERMITTED to convert the braking system to a rim brake type, since the frame has only been tested for disc brake use and also because the wheel rims are not suitable to be used as a braking surface. Making such a modification of components will also void the warranty.

2.0: GEOMETRY



2.01: WHYTE Coniston Men's

Frame Size	X	Small	Medium	Large
Head Angle	A	69.5°	70.0°	70.0°
Seat Angle	B	74.0°	73.5°	73.0°
Top Tube	C	591mm	617.6mm	637.8mm
BB Height*	D	288mm	288mm	288mm
Stand Over	E	767mm	821mm	825mm
Wheel Base	F	1117mm	1133mm	1148mm
Chain Stay	G	455mm	455mm	455mm
Seat Post Ø	H	30.9mm	30.9mm	30.9mm

Note:
Geometry shown here is 'Showroom' i.e. without rider aboard the bicycle. 'With Sag' geometry is with rider after correct sag is set at the front. Please refer to section 3.2 for information on how to achieve the correct sag of the fork.
*BB height with Ø706mm tyres fitted (35mm / 37-622)

2.02: WHYTE Coniston Ladies

Frame Size	X	Small	Medium
Head Angle	A	68.0°	69.0°
Seat Angle	B	74.5°	74.0°
Top Tube	C	557mm	584mm
BB Height*	D	288mm	288mm
Stand Over	E	716mm	748mm
Wheel Base	F	1103mm	1116mm
Chain Stay	G	455mm	455mm
Seat Post Ø	H	30.9mm	30.9mm

Note:
 Geometry shown here is 'Showroom' i.e. without rider aboard the bicycle. 'With Sag' geometry is with rider after correct sag is set at the front. Please refer to section 3.2 for information on how to achieve the correct sag of the fork.
 *BB height with Ø706mm tyres fitted (35mm / 37-622)

3.0: PREPARATIONS FOR RIDING

3.1: MAKING ADJUSTMENTS

Please refer to the specific component manufacturers manual or published technical information about adjusting the components on your Whyte bike. Instructions may be downloaded from the relevant manufacturer's internet site, as shown in the table to the right.

FSA	www.fullspeedahead.com
Shimano	www.shimano.com
SR Suntour	www.srsuntour-cycling.com
Tektro	www.tekro.com
Vittoria	www.vittoria.com
VP	www.vpcomponents.com

This electric range of bikes are fitted with the Shimano Steps E6000 series of components. Shimano publish comprehensive instructions for these products, which are available from the <http://si.shimano.com> website, under the E-Bike section on that webpage. User manual UM-70H0A-002-00 and Dealer manual DM-SP0001-03 are particularly relevant.

If you are uncertain in any way, about making adjustments to any components on you Whyte bike, then DO NOT RIDE YOUR BIKE. Contact your Whyte dealer who will be able to advise you on how to go about setting up you Whyte for riding, and or making adjustments to the components fitted to your Whyte.

3.2: SET UP OF FORK

We recommend you refer to your forks owners manual or relevant website for detailed information about your fork set up and performance relating to all controls and features of your fork.