Instruction Manual for

E TIMES TOUR M & E TIMES TOUR F

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1. INTRODUCTION

Our this E-time tour E-bikes is developed off road and City, traditional style combined with modern elements! FAT tire equipment is Suitable for down city road and all terrain versatility riding. Double seats give the most attractive, and more important, it is the comfort ability, it bring you the most possibility travelling enjoyment.

Before your riding this bike, do read this manual to ensure the riding safety for you!

2. ASSEMBLING THE BIKE

2.1 BIKES ELEMENTS

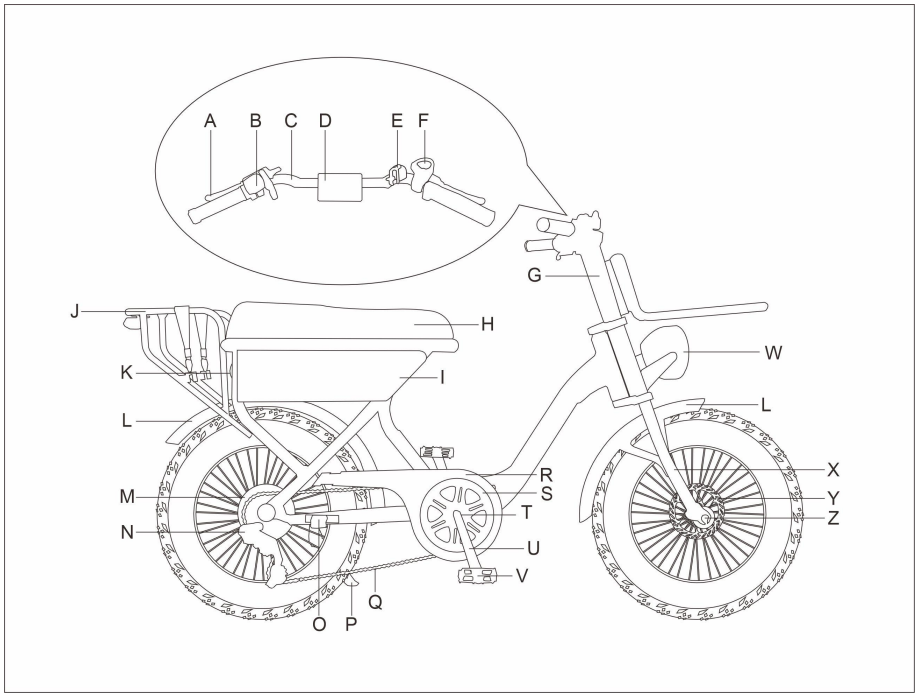


FIG 1

A.BRAKE LEVER
B.PANEL SWITCH
C.HANDLEBAR
D.LCD PANEL
E.BELL
F.GEAR SHIFT
G.STEM
H.SADDLE
I.BATTERY COVER
J.REAR CARRIER
K. BATTERY
L. FENDER
M.MOTOR
N.REAR DERAILEUR
O. FOOT PEG
P.KICKSTAND
Q.CHAIN
R.CHAINCOVER
S.CHAINWHEEL
T. BB SETS
U. CRANK
V. PEDAL
W. FRONT LIGHT
X.FRONT FORK
Y.DISC BRAKE
Z.FRONT HUB

2.2 INSTALLING EACH COMPONENTS

2.2.1 WHAT ARE IN THE SMALL BOX

They are Foot peg(FIG 2), Bell(FIG3), Elastic Strap(FIG4),Tool kits(FIG 5), , Pedal(FIG 6), Manual(FIG 7), CHARGER(FIG 8), FRONT LIGHT(FIG 9). see below photos.



FIG 2



FIG 3



FIG 4

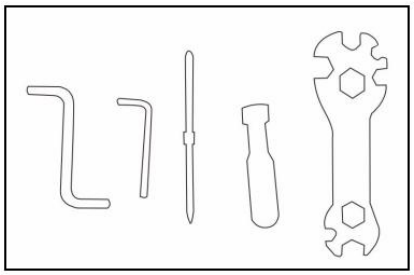


FIG 5

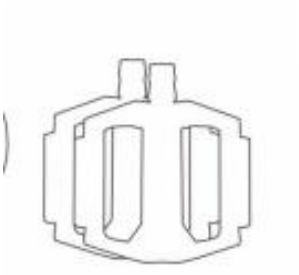
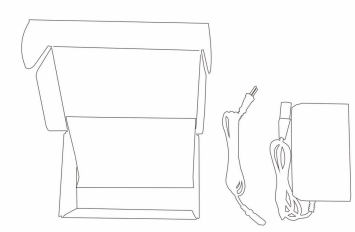


FIG 6



FIG 7



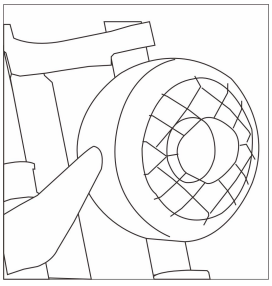


FIG 8 FIG 9

2.2.2 FRONT FENDER ASSEMBLY

-remove the screws from the fork legs inside with the hex key;

-fix the fender to its place and screw it there. Refer to below photos.

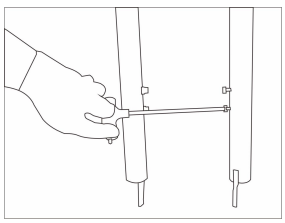
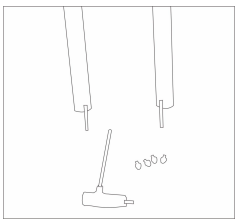
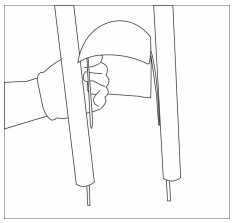
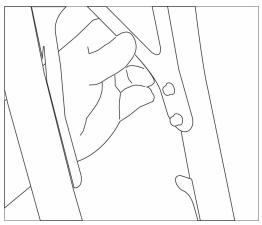





FIG 10 FIG 11 FIG 12 FIG 13

★ Make sure that the front mudguard does not touch the front tire.

2.2.3 FRONT WHEEL ASSEMBLY, HOW TO FIX IT WITH THE FORK

-Putting the front wheel between the fork legs, under the fender, and screw it to the front hub two sides with the tool-spanner.

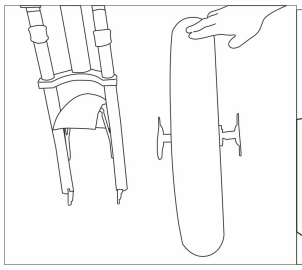
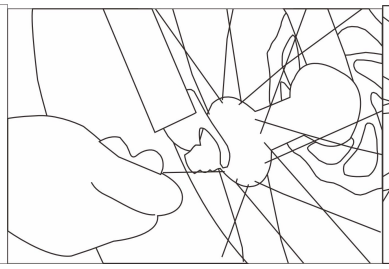
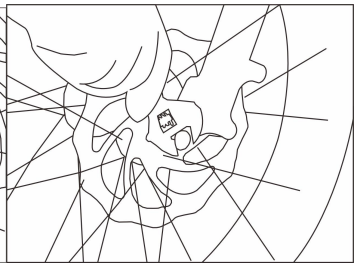




FIG 14 FIG15 FIG16

2.2.4. Foot peg Assembly

Take the foot peg from the small box ABOVE 2.2.1-FIG2, and screw it to the frame rear chainstay with the hex key, refer to be FIG 1- O kits.

2.2.5 Bell Assembly

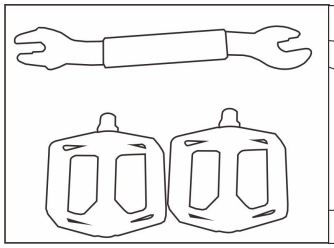
Take the bell from the small box ABOVE 2.2.1- FIG 3, and screw it to the handle, see FIG1- E parts.

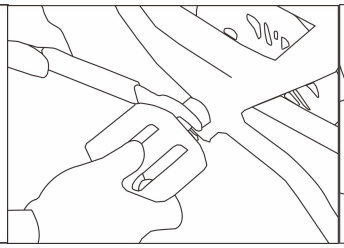
2.2.6 Elastic Strap Assembly

Take the Elastic strap from the small box ABOVE 2.2.1- FIG 4, and fix it to the rear carrier, see FIG1- J-rear carrier.

2.2.7 Pedal ASSEMBLY

Take it out of the small box above 2.2.1-FIG 6, and fix it to the crank by a spanner, see below photo showing. The one with L letter is fixed to the left side, the one with R letter is fixed to the right side. Do recognize it well before fixing it.





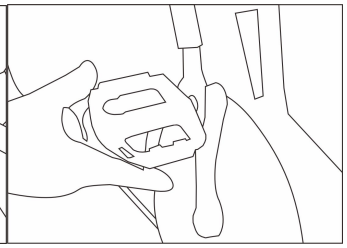
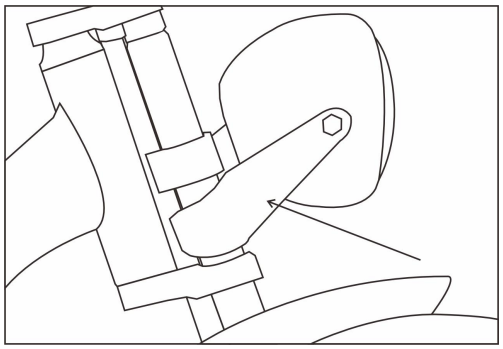


FIG 17 **FIG18** FIG 19

2.2.8 Front light ASSEMBLY

Take the front light out of a small box, and fix it to the front light bracket, see below arrow place and screw it well.



★After all of above parts are assembly well, inspect it again to ensure they are well fixed before your riding.

3. SAFETY

3.1 SAFTY NOTES-EBIKE SAFETY FUNDAMENTALS

•Always wear a helmet.

• Wear bright, highly visible clothing, preferably with reflective tape or patches.

• Obey the rules of the road. Stop at stop signs and lights.

• Remember to use a low assistance level when you start off. The power comes in at the second

rotation of the pedals.

• Always ride at a safe speed that allows you to react quickly to unexpected circumstances.

•Always use your front and rear bike lights and reflectors in low-light or dark conditions.

--Press the power button(above bike photo B and hold the button to turn on the rear light and the front light of the bike.

--Press and hold the button again to turn on the rear light and the front light of the bike off.

3.2 SAFTY NOTES-EBIKE SAFETY FUNDAMENTALS

• NEVER use a battery that seems to be damaged.

• NEVER charge a battery at temperatures below 4 °C (40 °F).

• NEVER charge a battery that has been exposed to saltwater.

• NEVER leave the battery unattended in case of indoor charging.

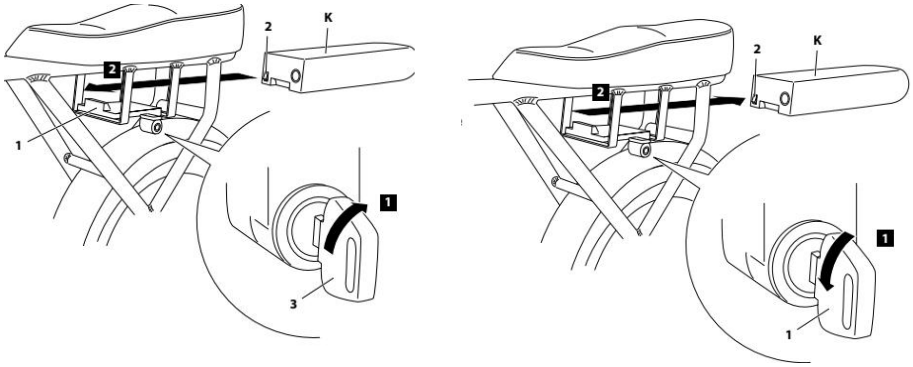
• NEVER charge the battery near flammable materials.
• ALWAYS use the charger that comes with your GRUENBERG bike.
• ALWAYS charge and store the battery in a dry environment.
• NEVER charge the battery with charger cables that are damaged.

4. <u>RIDING THE BIKE</u>

4.1 Battery usage

4.1.1 How to install/remove the Battery

The battery is situated under the saddle.
The battery key is fixed on the frame rear fork, remove the key and insert it to the keyslot, this keyslot is exposed under the saddle, refer to below photo the arrow showing.
Push the battery along the the slide, and lock it well by turning the the key as the arrow showing.
If you need to remove the battery from the bike, unlock it by turning the key to the open direction, and pull it out.

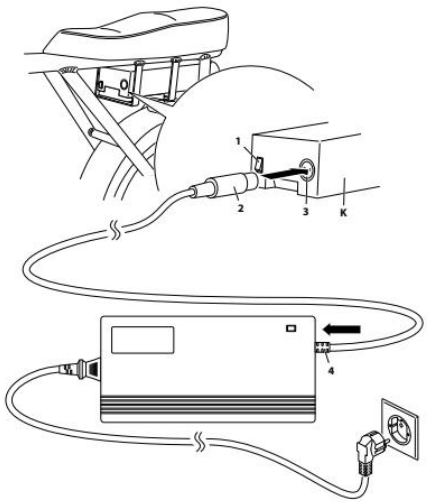


★Already ensure the battery power is under off state. See above photo 2 is the black power on/off button.

4.1.2 How to charge the battery

You can charge the battery with it on the bike, or removed it from the bike. Below photo is showing the charging operation.
Connect the charger output plug to the battery,
Connect the input plug of the charge to the charger,
Connect the power plug to the AC power socket,
when the LED on the charger is red, the charging is under going on,
when the LED is green, the battery is charged full.

After the battery is charged full, disconnect the battery with the charger, also disconnect the charger with the AC outleg.



Notice:

★Already ensure the battery power is under off state. See above photo 2 is the black power on/off button.

★After charging, the charger must be disconnected from the battery and the AC power socket immediately.

★ Charging a new battery takes approximately 8 hours from empty. During usual use, the battery charging needs 6~8hours.

★Already ensure the battery power is under off state during the charging. See above photo 2 is the black power on/off button.

4.1.3 How to storage the battery

•Batteries should be stored at temperatures between 4 °C and 27 °C (40 °F and 80 °F) for maximum life and safety. Higher storage temperatures increase the self-discharge rate from the nominal 1-2% per month to as high as 35% per month, and can reduce battery life and increase the possibility of catastrophic failure with long term high temperature storage. Never store batteries at temperatures higher than 76°C (170 °F).

• Batteries shall be stored at 100% charge if used frequently. However, for maximum life,batteries that are not used frequently should be stored at 40% to 70% charge. An easy way to bring a discharged battery into the proper long-term storage charge is to charge for about 60 minutes with the supplied charger. Batteries in long-term storage at room temperature should receive a refresh charge every three months or so.

4.1.4 The LEDS on the battery

Press the power button on the battery:

4.1.4.1 If none of the battery status LEDs lights up: The battery is damaged. Do NOT charge the battery. If within warranty period, contact the retailer from where you purchased this bike.

4.1.4.2 If 4 LEDs are lit: The battery is fully charged.

4.1.4.3 If 0 LEDs are lit: The battery is empty.



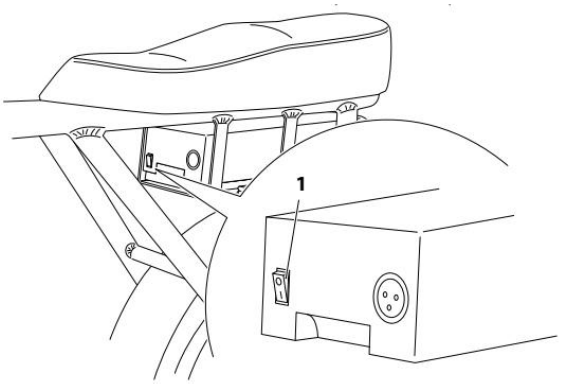
4.2 The brake usage

For the EU: The rider's right hand control the rear brake and the rider's left hand control the front brake.

If any of the brakes feels too loose or too tight, consider adjusting the brakes.

4.3 LCD usage.

4.3.1 Make sure the Battery power is under ON state when you use the LCD panel on the handlebar. Below 1 is the battery power button.



4.3.2 Press ⏻ and hold the button of the speed controller. The LCD display lights up.



4.3.3 Press the ⏻ button and use the + - buttons until you reach the level of pedal assist level you want(above photo 11) from 1 to 5

.

4.3.4 Start or continue pedal-ling. The rear hub motor starts providing the level of electrical power you selected at the second rotation of the pedals.

4.3.5 When you stop the riding, Press and hold the button of the speed controller to switch off the LCD Display.

4.3.6 LCD PANEL **FUNCTIONAL OVERVIEW**



4.3.6.1 **USB**

Keep pressing the SET and UP key to turn on the USB charging function, and the USB icon is displayed here. See above 1.

4.3.6.2 **Riding mode display**:

There are three riding modes: Power, ECO, Normal, and the mode can be adjusted through the
setting interface, and each mode corresponds to its interface theme skin. See above 2

4.3.6.3 **Voltage display**

Displays the system battery voltage. See above 3

4.3.6.4 **Backlight**

When the user is powered on, tap the ON/OFF button to light up the instrument backlight, and at
the same time the headlight is turned on, and the headlight symbol is displayed here.see above 4

4.3.6.5 **Speed display**

Displays real-time speed. See above 5

4.3.6.6 **Units display**

Displays whether the current speed is in kilometers or miles based on the units set by the customer. See above 6

4.3.6.7 **Electricity display**

Displays the remaining battery of the current meter in the form of a progress bar, and the low battery flashes. See above 7

4.3.6.8 **Power display**

Displays the current motor output power in the form of a progress bar. See above 8

4.3.6.9 **Single distance display**

Displays the current single mileage. See above 9

4.3.6.10 **Riding time display**

Displays the current ride time. See above 10

4.3.6.11 **Assist level display**:

●Tap "+" or "-" to change the electric vehicle gear, switch the assist gear, change the motor output power, the range of instrument output power is 0-5 gears, and the default gear is 1 gear when booting. see above 11

●6KM Implementation:
Press and hold the DOWN button for 2 seconds to turn on the boost function.

4.3.7 GENERAL SETTINGS

Click SET 2seconds enter the general setting page, and press + - to adjust it.

4.3.7.1 General Setup



4.3.7.1.1 Speed limit setting (attention: 25KM/H has been set well for your bike, no need to set it anymore)



4.3.7.1.2 Wheel diameter setting (attention: 20'' has been set well for your bike, no need to set it anymore)

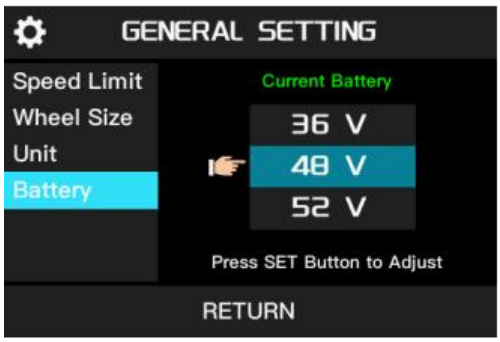


4.3.7.1.3 Units setting (attention: KM/H has been set well for your bike, no need to set it

anymore)



4.3.7.1.4 Voltage setting (attention: 48V has been set well for your bike, no need to set it anymore)



4.3.7.1.5 Riding mode setting
ECO:



Normal:



Power:



4.3.7.2 **INFOMATION**

Include software version,hardware version and error information.

4.3.7.2.1 Version information



4.3.7.2.2 Error information



4.3.7.2.3 EXIT



※When the riding speed is 0 km/h for 5 minutes, the system will go to sleep

automatically.

4.3.11 Error code table

Error 10 is displayed when the meter reports an error.

The error code is corresponding with the fault definition.:

Error code	Definition
9	Communication display receiving error
21	Current error
22	Throttle error (Start detection)
23	Motor no phase position
24	Hall error
25	Brake error (Start detection)

4.4 Shift Gear usage

The bike has a 7-gear shifter, so you can pedal comfortably no matter what the terrain.
Use an easier gear (1 is the easiest) on hills or when you're riding into the wind.
Use a harder gear (7 is the hardest) on flats or if the wind is blowing from behind.
When you shift, keep pedal ling but ease up on the pedals, especially on hills. If you are pushing hard or if you stop pedal ling completely, the chain can skip or fall off.
4.4.1. Press the gear up button 1 to shift into an easier gear.
4.4.2. Press the gear down lever 2 to shift into a harder gear.

4.5 LIGHTING SYSTEM

4.5.1 Front and Rear light

4.5.1.1. Make sure that the battery and the LCD display are switched on.

4.5.1.2. Press the button to switch on the lights.

4.5.1.3. Press the button to switch off the lights.

4.5.2 Reflector system

The bike has three types of reflectors:
• Reflectors attached to the wheels
• Reflectors on the pedals
• Reflector on the back side of the battery

5. MAINTENANCE 车子的维护

In order to keep your bike in a good shape it must be inspected and maintained at regular intervals.

Notice:

Before your doing the maintenance of the bike, ensure below points:
Always remove the battery and before removing, keep the battery at off state;
Ensure all cables are at well connection state, no bend,no any damage and routed well;
Always check the wear and tear parts if it is their life;

5.1 Cleaning the bike

★Risk of damage:
Do NOT use a high pressure cleaner. Water coming from a high-pressure hose
can cause damage to the bearings of your bike. Water can also get into the electrical wiring, which can lead to short-circuits in the electrical system.
Ideally the bike should be put in a work stand.
Make sure that the ON/OFF button of the battery is in the OFF position and remove the battery from the bike.

5.1.1 if your bike is very dirty, Carefully wash it with a hose or clean rag, wash it with a gente stream of water;

5.1.2 Degrease the chain.
5.1.2.1 Soak a clean rag with degreaser.Make sure that the degreaser gets on every link: Back pedal while you grasp the chain with the rag. The dirt will come off the chain.and Repeat until the chain is clean.

5.1.3 Clean the drive.
5.1.3.1 Use a clean rag to clean between chain-rings, cogs and other hard-to-reach parts;
5.1.3.2 Scrub the chain rings,Use a brush to get into the hard-to-reach parts;
5.1.3.3 Moisten the cassette with bike cleaner and scrub it clean;

5.1.4 Clean the frame
5.1.4.1 Wash off the frame with a sponge moistened in water with bike cleaner;
5.1.4.2 Clean the brake pads.

5.1.5 Clean the wheels:
5.1.5.1 Wash off each wheel with a brush moistened in water with bike cleaner.
5.1.5.2 Clean the area around the valve, scrub all the way around the wheel, clean the spokes and the wheel hub.

5.1.6 Wash off the bike with clean water. Wipe everything dry with a dry clean cloth or let

your bike air-dry in the sun.
5.1.7 Lubricate the chain of the bike

5.2 Adjusting the chain tension
Find the right tool
5.2.1 Put your bike on a bike stand. The wheels should be up in the air; otherwise it is difficult to
tighten the bike chain.
5.2.2 Carefully loosen the axle nuts that are holding your rear wheel onto the bike. This loosens the
rear wheel, allowing you to adjust the tension on the chain.
5.2.3 Carefully pull back on the rear wheel. This increases the tension on the chain.
5.2.4 Check whether the tension is correct: The maximum play allowed when moving the chain is 1cm or half an inch in either direction.
5.2.5 If you the chain has more play than 1 cm / 0.5 inch in either direction: Pull back on the rear tire a bit more.
5.2.6 When you reached the ideal chain tension: Tighten the axle nuts one by one.
5.2.7 Make sure that the wheel is correctly installed on the bike.

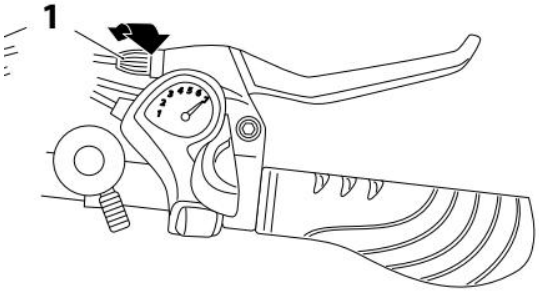
★While tightening the rear axle nuts: Always check the rear wheel position. The rear wheel must never touch the chain or the bike frame.

5.2.8 If you feel that the tension of the chain is still not adjusted properly, you may need to adjust the B screw. Contact a skilled technician for assistance, if needed.

5.3 ADJUSTING THE BRAKES
Tools/Material required: • Allen key 5mm
It is hydraulic disc brake is equipped on this bike.

★The adjustment procedure is the same for the front and the rear brake.
If the brakes feel too tight or too loose:
TIP: A 20mm length is needed between the handlebar and the brake lever when you squeeze. If this is not the case, the brake must be adjusted.

5.3.1 Twist the small screw adjuster outward to tighten or inwards to loose, refer below photo, arrow place.



5.3.2 If this does not help, you may need to further adjust the brake pads.

5.4 Lubricating the bike

Tools/Material required:
• Bike lubricant (not included)
• Silicone cleaning spray (not included)
• All season chain oil (not included)

5.4.1 Ideally the bike should be put in a work stand.
5.4.2 Make sure that the bike is clean and that the drive chain is degreased. See section 5.1 Cleaning the bike.

LUBRICATION POINT	INSTRUCTION
Rear shift cable	1. Shift the gears until the chain is on the largest sprocket, and then stop the wheel from rotating. 2. Shift your shifter all the way in the opposite direction, as if you were going to shift to the smallest sprocket. 3. The rear derailleur should now be stuck on the largest sprocket. This will give you enough slack to fully release the cable from the frame. 4. Pull the upper section of the outer cable down leaving a section of inner cable exposed. 5. Carefully put a few drops of lubricant onto the inner cable just where it runs down into the housing. 6. Reconnect the outer housing. 7. Pull the lower section of the housing free from the frame, and slide it away from the derailleur. 8. Repeat the lubrication process and reconnect the housing. 9. Don't forget to move your rear shifter back to the largest sprocket
Pivot points	1. Drip lubricant onto each pivot point: • rear derailleur • rear brake • front brake 2. Wipe off any excess of lubrication so it doesn't attract dirt. TIP: Lubricate the pivot points every few months, especially if you ride in wet weather conditions.
Derailleur pulleys	1. Wipe off the grime from your derailleur pulleys with a clean rag and degreaser. 2. Then apply a small drop of lubricant to the bearings at the center of the pulley. 3. Backpedal a few revolutions. 4. Use a clean rag to wipe off any excess of lubrication. NOTICE Never use grease.

5.5 MAINTENANCE SCHEDULE

Per DAY	Per Month	Per 6 months	Per Year
Check your tire	Clean your bike (see	Clean your bike	Inspect the pedals,

pressure if need a inflate. The required pressure is marked on the tyre	**section 5.1 Cleaning the bike) and inspect the frame/ components for cracks and wear.**	**(see section 5.1 Cleaning the bike) and inspect the frame/ components for cracks and wear.**	**add fresh grease, and check the bearings.**
Check your tires for debris, thorns, these can cause a flat.	**Check the tightness of the crank arms, pedals, chainring bolts, stem/ handlebar bolts, and any other mounting bolts.**	**Check the tires for wear and replace as needed.**	**Check the tires for wear and replace as needed.**
Make sure that the quick-releases and axle bolts on the wheels are tight and secure.	**Check all cables and cable housings for wear, kinks, rust and fraying. Replace as needed and lubricate good cables/housing at entry/exit points**	**Check the bearing systems (hubs, bottom bracket, headset) for play and/or grinding and grumbling. Replace or adjust as needed.**	**Check the bearing systems (hubs, bottom bracket, headset) for play and/or grinding and grumbling. Replace or adjust as needed.**
Lifting the front and rear of the bike, spin each wheel while looking for wobbles and rim damage. Wobbly wheels should be centered by a skilled technician.	**Check the wheels for loose or damaged spokes.**	**Check the brake pads for wear and replace as needed. Also check for worn grips and replace as needed.**	**Check the brake pads for wear and replace as needed. Also check for worn grips and replace as needed.**
Check your brake pads for wear and make sure that they are making firm contact	**Maintain, lubricate, and service your suspension components.**	**Check all cables and cable housing for wear, kinks, rust and fraying.**	**Check all cables and cable housing for wear, kinks, rust and fraying.**

with either the rim or the brake disc.		**Replace as needed and lubricate good cables/housing at entry/exit points.**	**Replace as needed and lubricate good cables/housing at entry/exit points.**
Check the suspension fork (and shock) for compression and release, and make sure that there is no flex or play in the suspension		**Check the cassette and the chainrings for wear; check the chain for wear, tight links, and bent links. Also check the derailleur cage for damage. Replace drivetrain parts as needed.**	**Maintain, lubricate, and service your suspension components.**
Check the chain for cleanliness. Clean if dirty, lubricate if dry.		**Maintain, lubricate, and service your suspension components.**	

5.6 TORQUE SETTINGS

This table showing the torque settings of the bolt.

Handlebar/stem fixing	180Kgf.cm^2
Brake lever locking	75kgf.cm^2
Brake Caliper screws	60-90kgf.cm^2
Brake Rotor screws	50-70kgf.cm^2
Fender screws	40-60kgf.cm^2
Rear wheel screw	450KGF.CM^2
Front wheel screw	350KGF.CM^2
Chainwheel lock screw	Alloy:350KGF.CM^2 steel: 450KGF.CM^2
BB lock screw	350KGF.CM^2
Fork cap sets screw	350KGF.CM^2
Ssddle screw	40-60kgf.cm^2

6. TRANSPORT AND STORAGE

★Risk of damage. Due to its size, shape and weight we do not recommend carrying the

bike on the roof of a passenger car.

★Risk of fire. Appropriate measures must be taken when transporting the battery.

6.1 TRANSPORTING THE BIKE AND THE BATTERY

6.1.1 TRANSPORTING THE BIKE

6.1.1.1 Make sure that the ON/OFF button of the battery is in the OFF position.

6.1.1.2 Remove the battery from the bike.

6.1.1.3 If you are shipping the bike by plane, boat, truck or train:Choose the shipping container: cardboard box, soft shell case or hard shell case,semi assemble the bike,Wrap the fragile pieces, such as the derailleur, the lighting and the pedals in a protective cover.

6.1.2 TRANSPORTING THE BATTERY

6.1.2.1 Make sure that the ON/OFF button of the battery is in the OFF position.

6.1.2.2 Remove the battery from the bike.

6.1.2.3 Pack the battery in a case designed to keep it safe in transit.

6.1.2.4 If you are shipping the battery by plane, boat, truck or train: Check with your carrier for the latest regulations.

6.2 STORING THE BIKE

Attention below points if you need to store your bike for a long time without riding.

6.2.1 Wash the bike thoroughly. Clean grease and oil key components like the chain and the cassette. See section 5.1 Cleaning the bike for more details.

6.2.2 Make sure that the battery is only charged to approximately 60% for storage. Check your battery regularly. If the charge drops, recharge the battery to about 60%. Do not let the battery discharge completely.

6.2.3 Make sure that the ON/OFF button of the battery is in the OFF position.

6.2.4 Store the bike in a dry area. Storing the bike indoors is ideal, but if you are storing your bike in an outside that will go below freezing temperatures, remove the
battery from the bike and bring it inside. Also keep in mind that temperature changes can cause condensation, with rusted bike components and corroded battery connectors as a result.

7. PROBLEM SOLVING

Issue	**Cause**	**Solution**
The lights does not work	**The bike battery power is empty**	**Charge the battery**
	The wire connection/damage	**Check the connection, contact a skilled person**
	The light is damaged	**Replaced by a new one**
The brake does not work properly（too tight, loose..）	**The brake pads are not adjusted well**	**Check the brake cable/pads by yourselg or ask the technical**

	The brake pads is worn	**Replace the brake pads by the technical**
	The wheels is not centered	**Adjust the wheels to the right position by the technical**
The motor does not work	**The battery power is empty**	**Charge the battery**
	Other reason	**Ask the technical**
The bike is vibrating	**The wheel is not centered**	**Adjust the wheels/pursue to the local technical**
The max speed is not enough	**The battery power is not sufficient**	**Charge the battery full, Adjudge the battery cycling life if end Ask your local technical**
Riding distance is not normal	**The tires is not inflated well**	**Inflate the tire**
	The battery charging is not finished or the charger is problem	**Charge the battery to check, or replace the charger to see**
	The battery cycling life is end	**Repalce the battery**
	High frequently braking or over loads, windy weather?	**Repalce the battery**
The charger is not charging	**The cable connection is not well**	**Check the connection**
	The charger life is end	**Replace a charger**
	The battery is damaged?	**Replace a battery to see**
The battery is not charging	**Check the power supplies**	**The AC power outlet is function? The charger is working? LED shall be green**
		The battery connected well with the charger
The battery is discharge very quickly	**The battery capacity is not sufficient anymore**	**Replace the battery**
The gear are not changing smoothly	**The gear cable may be slack or overtightened.**	**-Check the gear cable. -The gear shifter may be broken: so replace the gear shifter. - Contact your retailer or a skilled technician.**
	The derailleur needs adjustment.	**-Check the hanger of the derailleur is good? -If the hanger is not bent:**

		Adjust the bolt **-If the hanger is bent, you must replace the hanger first.** **- Contact your retailer or a skilled technician.**
The hub motor is with noise		**Ask your local technical**
The LCD is no showing the speed	**The speed sensor is not assembled well**	**Check the speed sensor assembly or replace it.**
The LCD does not work	**The battery is off**	**Check the battery is switched on**
	The battery power is empty	**Check the battery power**
	The display cable is not connected well	**Check the display cable connection**
	The speed sensor is not well assembled	**Check the speed sensor if tight fixed**
		Do not change the wheel size from the panel set system
The display shows error code	**A software error**	**Check the error code list** **Reset the LCD, turn it off, and unplug it for two mins, and plug it again to see** **Contact your local technical pwerson to see**
The pedal assistance is not working	**The speed sensor is not fixed well**	**Check the sensor and fix it again**
	The sensor cable is damaged or not well connected	**Check the cable and connection**

8. ENVIRONMENT AND DISPOSAL

Environment protection is our each person responsibility!

By disposing the product, its packaging and its components in the proper way, you help to avoid possible hazards for the environment and public health that could otherwise be caused by improper treatment of waste equipment. The recycling of materials contributes to the conservation of our natural resources.

8.1 DISPOSAL OF ELECTRONIC COMPONENTS

Old or worn parts have to be disposed of in the most environmentally friendly way, for

example by bringing them to an acknowledged recycling centre. It is not allowed to dispose of electronic parts, accessories and components with unsorted municipal waste. These have to be recycled separately in an environmentally friendly way in accordance with the applicable legislation.



The lithium-ion battery of your bike, as all lithium-ion batteries, contains highly toxic chemicals
that cannot be disposed of with your regular household waste. eBike battery recycling programs are being launched all over the world. Consumers can dispose of their used and no longer proper functioning eBike batteries by bringing them back to their local bikeshop.

8.2 DISPOSAL OF PACKAGING MATERIAL

The packages of the Grunberg bike is mostly made of environmentally materials. Dispose of the product packages via a collection point for the recycling of plastics (bubble wrap) and paper (carton boxes). Please check with your local recycling center to dispose them.



9 SPEC/TECHNICAL DATA

FRAME:	20''*4.0 Alloy, painted, with water decal
FORK:	Alloy crown steel outer legs, with handlebar integrated
HANDLEBAR:	Integrated with the fork
Chainwheel:	3/32"x48Tx152mm Steel chainring and alloy crank PROWHEEL
Pedal:	Alloy 9/16" with BS reflector
Chain:	1/2"x3/32"x130L KMC
Saddle:	Over size Vinyle soft top cover, brown
BRAKE:	Hydraulic disc brake WUXING
BRAKE LEVER:	Alloy, with electric brake off
GEAT SETS:	Shimano 7 speed
Front hub:	Alloy for disc brake
RIM:	20"x4.0"x13Gx36H Alloy single wall rim black
SPOKES:	C45 13G, with brass nipple black
Tires:	20''*4.0 KENDA
Tubes:	20''*4.0 butyle tube KENDA
Accessories:	Steel fender, Alloy kickstand, bell, foot peg, front and rear light, rear alloy carrier, elastic strap
E-kits:	48V/250W rear hub motor
	48V/15.6AH lithium battery
	48V charger EU plug
	LCD panel with multi-funtion
	PAS,no throttle
Packing size:	165*32*105cm
G.W.:	42kgs
N.W.:	33kgs
Max speed:	25km/h
Riding distance:	45~50km