

BIKE

ENGLISH

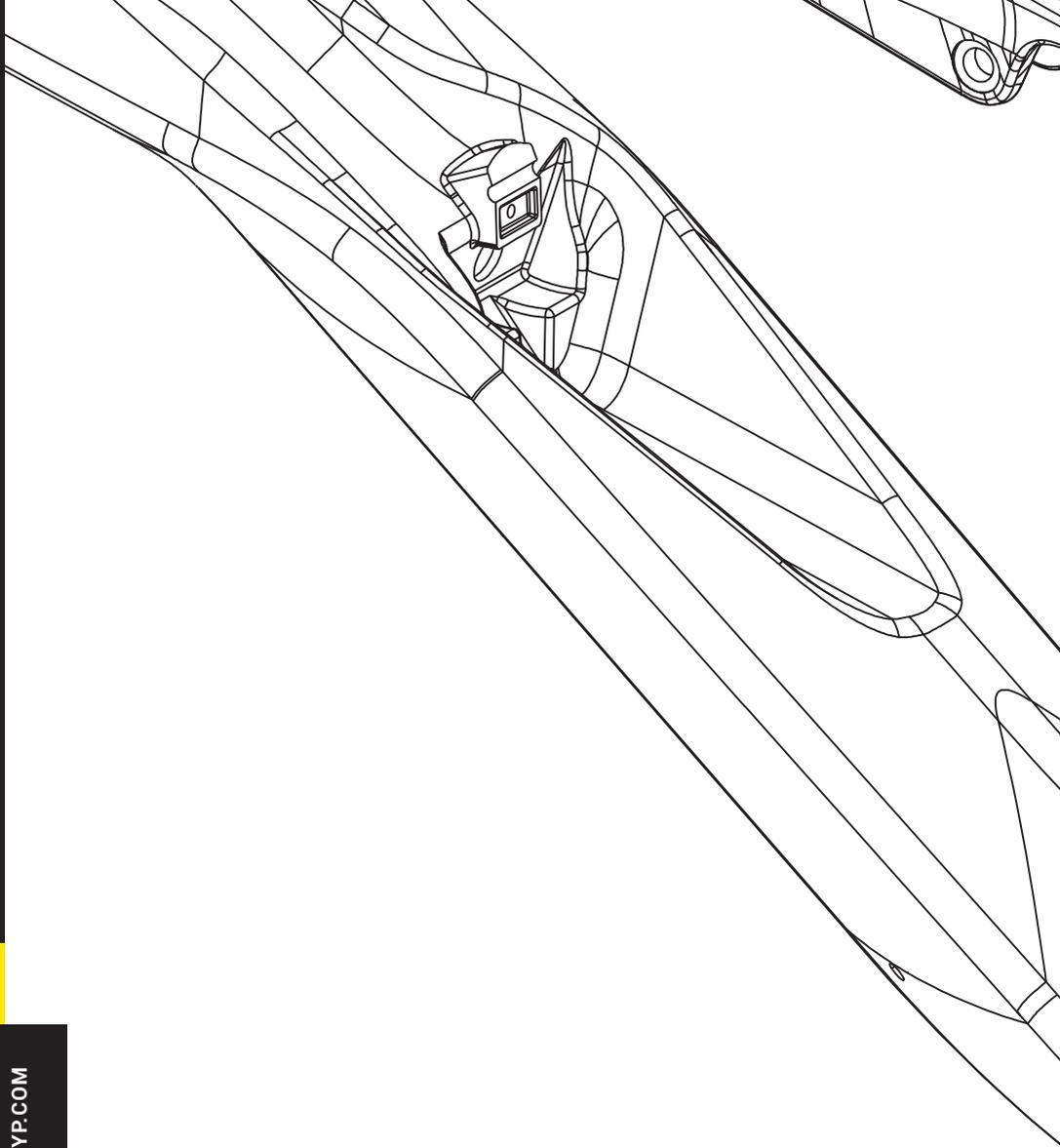
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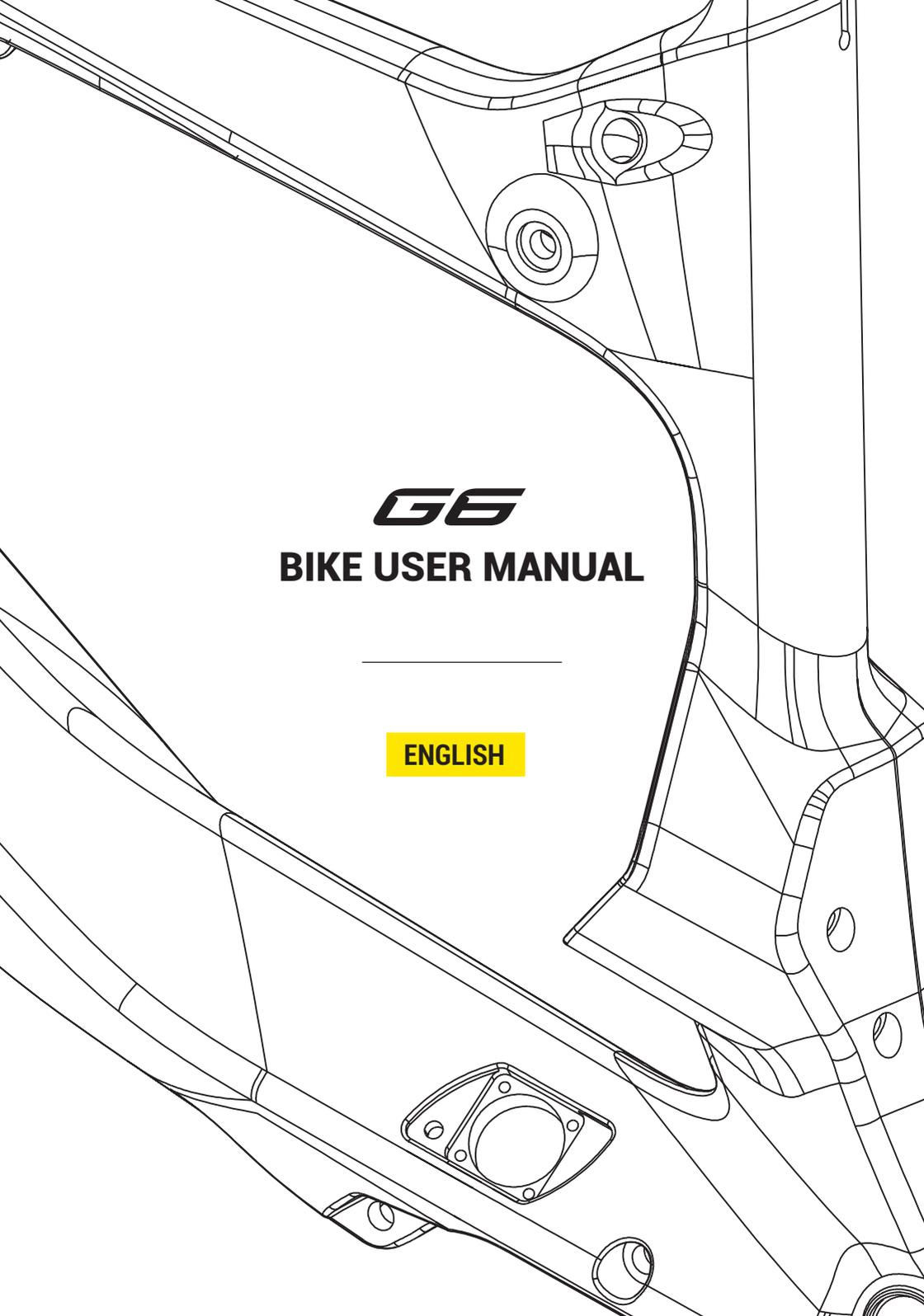
MAN-

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READ
BEFORE
FIRST
RIDE





A detailed line drawing of a bicycle frame, showing the top tube, down tube, seat tube, and chain stays. The drawing is oriented vertically, with the top of the frame at the top of the page. The frame is shown in a perspective view, highlighting its curved and angular structure. The drawing is composed of black lines on a white background.

GE
BIKE USER MANUAL

ENGLISH

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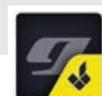
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Greyp G6 mobile application is available on [Google PlayStore](#)

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Introduction

This user instruction manual is developed for your Greyp G6 vehicle only. It contains important safety, performance and technical information, which you should read before your first ride and keep for reference. You should also read the entire User Manual, because it contains additional important general information and instructions that you should follow.

If you do not have a copy of the User Manual, please download it for free at www.greyp.com or obtain it from your nearest Authorised Greyp Retailer.

Greyp Bikes Disclaimer

Any modifications of the bike are strictly forbidden and Greyp Bikes d.o.o. will bear no liability whatsoever for the consequences of such modifications. Greyp Bikes d.o.o. does not grant, explicitly or implicitly, to any party any patent rights, licenses or any other IP rights, whether with regard to such information itself or to anything described by such information. The information provided by Greyp Bikes d.o.o. hereunder is provided "as is, where is" and with all faults, and the entire risk associated with such information is entirely with the Buyer. The information provided in this document is proprietary to Greyp Bikes d.o.o., and Greyp Bikes d.o.o. reserves the right to make any changes to the information in this document or to any products and services at any time without notice.

You should check www.greyp.com for any changes made in the user manual.



Greyp Bikes d.o.o.,
Ljubljanska 7, 10431 Sveta Nedelja, Croatia,
15th of February 2020.

General warning

This Manual contains many "Warnings" and "Cautions" concerning the consequences of failure to maintain or inspect your bike and of failure to follow safe cycling practices.

The combination of the safety alert symbol and the word WARNING indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

The combination of the safety alert symbol and the word CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, or is an alert against unsafe practices.

Many of the Warnings and Cautions say "you may lose control and fall". Because any fall can result in serious injury or even death, we do not always repeat the warning of possible injury or death.

As it is impossible to anticipate every situation or condition which can occur while riding, this Manual makes no representation about the safe use of the bicycle under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and which are the sole responsibility of the rider.

General information



Important notice: Please make sure you read this Manual before operating a Greyp bike for the first time. It is very important to follow the instructions in the manual to make sure you use Greyp in the proper way. Greyp Bikes d.o.o. reserves the right to change the design, components and specifications at any time without notice and without any obligation. The illustrations and pictures in this manual are for demonstration purposes only.

- » **EU** - *The G6.1 and G6.2 are high-performance bicycles. The G6.3 is an off-road vehicle.*
- » **US** - *The G6.1(US) and G6.2(US) are CLASS 1 electric bicycle. The G6.3(US) is CLASS 3 electric bicycle.*

G6 bikes are intended to be used on gravel, paved and non-paved hiking trails (with several roots, thresholds, rocks and small drops) and rougher unpaved terrain, with jumps and drops not more than 1m (maximum height).



WARNING — Please contact your dealer or manufacturer before trying to repair your Greyp. This Manual is not intended as a service and repair manual.

The Greyp G6 is classified as a Pedelec. The G6 is a vehicle where the rider's pedalling is assisted by an electric motor with 5 assist and torque levels, which gives you a range of power assistance.

Motor support will automatically switch off when you reach a maximum speed of: 25km/h for G6.1 and G6.2; 32km/h (20mph) for G6.1(US) and G6.2(US); 45km/h (28mph) for G6.3 and G6.3 (US). A driver's license or insurance is typically not required. Regardless of its classification, it will only provide motor support only while pedalling.

Before using your Greyp vehicle, please inform yourself of all applicable legal requirements and regulations in your country or state. There may be restrictions on riding your Greyp on public roads, cycling paths, and/or trails. There may also be applicable helmet requirements, age restrictions or license or insurance requirements. As laws and regulations regarding electric vehicles vary by country and/or state and are constantly changing, please make sure you obtain the latest information. You should also regularly see your Authorized Greyp Retailer for updated information.

All Greyp G6 vehicles have a fixed pre-set speed limit at which the motor support will automatically shut off. Any (attempted) tampering with the power output and/or system (i.e. excluding the exchange of sprocket with non-original parts) is prohibited, will void the warranty, is extremely dangerous and could result in severe and/or fatal injuries.

Safety information

Please carefully read all the warnings and notes in this user Manual before using your Greyp.



WARNING – You add to your risk of injury when you use your bicycle in an incorrect manner. Misuse can add stress to your bike. High stress can cause the frame or a part to break and increase your risk of injury. To decrease your risk of injury, use your bicycle in the manner for which it was designed.



WARNING – As with all mechanical components, the EPAC (Electrically Power Assisted Cycles) is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail, possibly causing injuries to the rider. Any form of crack, scratches or change of colouring in highly stressed areas indicate that the lifespan of the component has been exceeded and it should be replaced.



WARNING – For composite components, impact damage may be invisible to you and may result in serious personal injury or death. If composite components exhibit any signs of damage, do not use them and immediately bring them to your authorized Greyp Bikes retailer for inspection.

The A-weighted emission sound pressure level at the driver's ears is less than 70 dB(A)



WARNING – Inappropriate handling of Greyp products can cause damage, injury and/or death. Please make sure you learn how to operate the Greyp products in a safe and responsible way.

The Greyp G6 is intended to transport only one person at a time. If you allow somebody else to use your Greyp product, please provide them with this user Manual.

We advise keeping the original box that the bike came with for the warranty period in case there are any troubles.



WARNING – We strongly advise you to wear a helmet and other safety equipment while riding the Greyp. In some countries, there is an obligation to wear a helmet. Please check if this is the case in your country.

Only ride at ambient temperatures between 5°C (41°F) and 40°C (104°F).



WARNING – Greyp lights are primarily designed as auxiliary lights and you should take care that you use lights that are accordance with the provision in force in the country of use.



WARNING – Reflectors, which function only when light shines on them, are not a substitute for lights. Riding in dark conditions or at times of poor visibility without adequate lighting is extremely hazardous.

General information about assembly

This user Manual is not intended as a comprehensive use, service, repair or maintenance guide. Please see your authorized Greyp Bikes partner for all service, repairs or maintenance.



WARNING — Do not alter or modify any parts of the Greyp. Do not install incompatible components or hardware.

The maximum permissible total weight (vehicle + driver + luggage) of Greyp G6 is 150kg [330.7 lb].

VEHICLE	THE PERMISSIBLE TOTAL PAYLOAD (DRIVER + LUGGAGE)	VEHICLE WEIGHT
G6.1 AND G6.1(US)	125.5 kg [276.7 lb]	24.5 kg [54 lb]
G6.2 AND G6.2(US)	125 kg [275.6 lb]	25 kg [55.1 lb]
G6.3 AND G6.3(US)	126 kg [277.8 lb]	24 kg [52.9 lb]

Please find additional safety, performance and service information for specific components such as suspension, brakes or motor in the Manufacture's Guidelines.

ONLY FOR BIKES SOLD IN THE USA

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Contains FCC IDs: QIPPLS8-USR4, Z64-WL18SBMOD

NOTE — This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- » *Reorient or relocate the receiving antenna.*
- » *Increase the separation between the equipment and receiver.*
- » *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- » *Consult the dealer or an experienced radio/TV technician for help..*

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General notes about riding

The G6 motor provides pedal assistance while you are pedalling, and the vehicle is in motion. The amount of pedal assistance will be higher or lower depending on the amount of force applied to the pedals. If you stop pedalling, the motor will stop providing any assistance. The G6 vehicle can also be ridden as a normal bicycle without motor assistance by switching the vehicle to the OFF mode. The same applies if the battery is empty.

The G6 vehicle has a walk-assist mode (the motor engages without pedal force being applied) which is designed to provide assistance when walking the vehicle up a hill.

Riding tips

Below are some riding tips, which may also reduce component wear and increase battery range.

- » *Pay attention to your speed when going into a corner and be sure to stop pedaling well before entering the corner. Otherwise you may have too much speed as you enter the corner.*
- » *Ride efficiently and look ahead. Any time a braking force is applied, more energy is needed to get the vehicle back up to speed.*
- » *Shift gears regularly to stay in an optimal cadence range and downshift before coming to a stop.*
- » *Reduce pedal force before initiating a gear shift to reduce drivetrain wear.*
- » *Check the tire pressure regularly. Low pressure can cause the tires to roll inefficiently.*
- » *If your vehicle is exposed to cooler weather, keep the battery stored indoors until just before riding.*
- » *Do not expose your vehicle to excessive heat.*
- » *Only carry the cargo you need. More cargo weight requires more energy to move.*



WARNING – Improper derailleur shifting technique could cause your chain to jam or come off, causing you to lose control and fall.

Pre-Ride Inspection

- » *Prior to the first ride, charge the battery to 100%*
- » *Check to ensure that the quick-release levers or axle nuts are tight*
- » *Check the brake pads for excessive or uneven wear*
- » *Make sure that all bolts on the brakes and steering parts are tight.*
- » *Spin the rims – check for wobbles while sighting on the rims (make sure that the rims do not rub on the brake pads)*
- » *Check the tire pressure*
- » *Check the tires for excessive wear, cracking or gashes*
- » *Be certain that the handlebar and stem are tight*
- » *Check that the gears shift smoothly*
- » *Check the chain for rust, dirt, stiff links or noticeable signs of wear (the chain should be clean and lubricated, be sure to use a chain-elongation gauge)*
- » *Apply the front brake, and push the bike forward and backward (the headset should be tight and not make any clunking noises)*



WARNING – Being aware of your surroundings can drastically reduce incidents. If you are on the road be aware of traffic and road condition. In off road conditions there may be less friction between tyre and ground and it can make you lose control and cause an accident.



CAUTION – Your field of view is particularly shorter, in fact very short, when riding at night. Obstructions are more difficult to see at night. Use extreme caution, slow down to compensate for the much shorter reaction time and ride at a speed appropriate to your field of vision and surroundings.

Riding tips for children

Greyp bikes are only designed and tested for use by one person at a time. Greyp bikes are not intended for children below 16 years. Do not allow children under 16 years old to drive a Greyp.

Seat post – basics

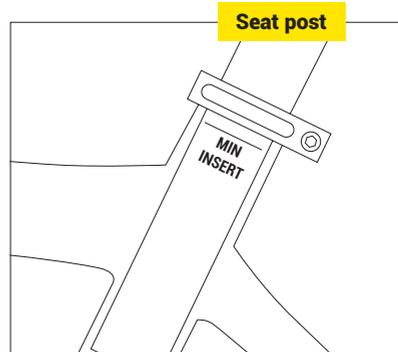


WARNING – Make sure that the seat position is adjustable so that the feet of a seated rider can touch the ground. If your bicycle does not fit properly, you may lose control and fall.



WARNING – After any saddle adjustment, be sure that the saddle adjusting mechanism is properly seated and tightened before riding. A loose saddle clamp or seat post clamp can cause damage to the seat post, or can cause you to lose control and fall. A correctly tightened saddle adjusting mechanism will allow no saddle movement in any direction. Periodically check to make sure that the saddle adjusting mechanism is properly tightened.

Greyp G6 bikes have a telescopic seat post. Familiarise yourself with the features of the seat post before your first ride. Only operate the telescopic seat if it will not distract any of your attention from the road and terrain. Refer to information from the telescopic seat post manufacturer (www.kssuspension.com). A telescopic seat post allows the saddle height to be adjusted by operating a lever underneath the saddle or a remote control on the handlebars, both at a standstill and while riding.



The saddle height is always measured with the crank arm pointed down and in line with the seat tube. The distance from the centre of the pedal axle to the top of your saddle is your saddle height. Before changing the height of your saddle, you should measure your current saddle height.

All seat post models must be inserted into the vehicle's seat tube to cover the minimum insertion line indicated on the seat post. Insufficient insertion of the seat post into the vehicle frame's seat tube could result in damage to the seat post and/or vehicle and may result in a loss of control of the vehicle, which may lead to serious injury or death.

To lower the saddle, weight the saddle firmly with your hand or sit on the bike while pressing and holding the actuation lever or remote. Release the lever when the desired height is reached.

To raise the saddle, actuate your seat post by pulling the lever or handlebar remote. Unweight the saddle and release the lever when the desired height is reached.

You can raise and lower your saddle to any desired position within the seat post's travel.

Brakes – basics



WARNING – Braking devices on Greyp bikes are a high-performance product, offering a stopping power greater than normal brakes. As a result, less effort is required to lock up the wheel when braking. Be careful, as a locked wheel can result in loss of control over the vehicle and can cause injuries. Brakes are essential for the safe use of a vehicle. The improper setup

and use of the brakes can make you lose control and cause an accident, with unpredictable consequences and/or potentially serious injuries. Disc brakes get VERY hot when used. Commonly the left lever operates the front brake and the right lever operates the rear brake (this may vary depending on country).

 **CAUTION** – NEVER touch the calliper or the rotor immediately after use. Make sure the brakes have cooled down before working on them.

The brake rotors must be installed on wheels that are suitable for this type of brake system. A wheel with an insufficient spoke section or with radial spoke lacing can break under normal use of the braking system and cause serious injury, accident or death. Check with your wheel manufacturer BEFORE installation to ensure compatibility.

Check the spoke tension and condition frequently. A damaged spoke may break suddenly and interfere with the braking system. This may result in serious personal injury, accidents or death.

 **WARNING** – Before every ride, make sure there are no fluid leaks in the system by applying the lever and holding it down as far as it will go. Check the hose connections and the brake fluid reservoir for any leaks. Consult a professional mechanic if there are fluid leaks. A fluid leak can cause a serious accident or death!

 **CAUTION** – braking distances may be greater in wet weather and use of the brakes can make you lose control, fall and cause an accident.

Test the brakes and your braking technique on flat and even ground before using the bike in more severe conditions.

You can find more info about formula Cura brakes on www.rideformula.com

Suspension – basics

 **WARNING** – Improperly installed, maintained or adjusted components are extremely dangerous and could result in severe and/or fatal injuries. If you have any questions about the installation of these components, consult a qualified bicycle mechanic.

Rear Suspension

Suspension sag can be used to set the proper suspension spring rate for the rider. Sag is the amount (percentage) the suspension compresses when the rider, including riding gear, is seated on the vehicle in the riding position. Setting the proper sag allows the wheels to maintain traction without using too much of the travel reserved for shock absorption. More sag increases small bump sensitivity, while less sag decreases small bump sensitivity. Set the spring sag before making any other tuning adjustments. G6.1 & G6.1(US) are using Rock Shox Monarch RT 216x63 and G6.2, G6.2(US), G6.3 & G6.3(US) are using Rock Shox Monarch RT3 216x63.

Pressurize the shock (PSI) to the equivalent of the rider's total weight (lbs), including gear. Example: 160 lbs = 160 PSI (0.15 bar = 1 kg) Remove the pump. Compress the shock once more to equalize air pressure.

To adjust air spring pressure, remove the air cap, attach a high-pressure shock pump to the air inflation valve and inflate to the desired pressure.

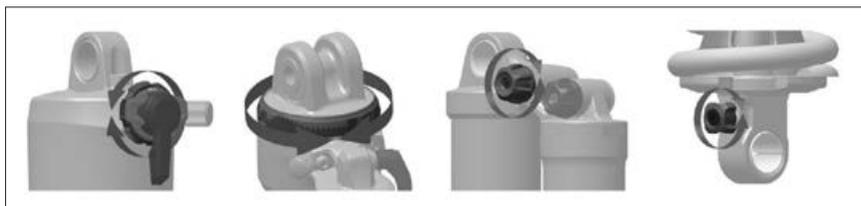
With riding gear on, and an assistant holding the bike, step onto the vehicle and lightly cycle the shock two to three times.

Gently step off the vehicle without compressing the shock.

Note the sag percentage where the o-ring stopped. The correct sag percentage for Solo Air™ shocks is 25%. Sag can be set $\pm 5\%$ as preferred. Adjust the pressure and retest sag as needed.

Adjusting rebound

Monarch Rebound damping controls suspension rebound speed after compression. Suspension rebound speed affects wheel contact with the ground, which affects control and efficiency. The shock should rebound quickly enough to maintain wheel traction without feeling 'bouncy'. Too much rebound damping will not allow the shock to rebound quickly enough for the next bump. To increase the rebound speed, rotate counter clockwise. To decrease the rebound speed, rotate clockwise.



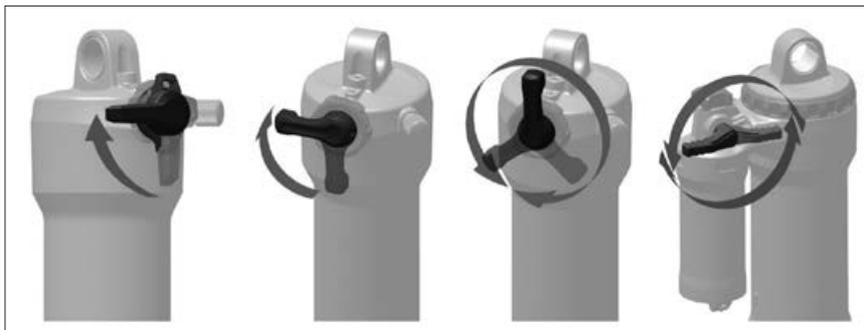
Adjusting compression

The compression damping controls the shock compression speed during slow compression stroke scenarios, such as rider weight transfer, small impacts and cornering, which improves control and efficiency. Too much compression damping makes the suspension feel too firm over bumps. To increase or decrease compression damping, rotate the knob or lever in the direction or position indicated on the shock.



Adjusting the threshold

The threshold, or 'Pedal', setting prevents the shock from compressing until moderate impact or downward force occurs. Use the Threshold setting to increase pedalling efficiency on flat, rolling, and smoother terrain. To activate the Threshold setting, rotate the lever, or actuate the remote until it reaches the threshold position indicated on the shock.



Adjusting the lockout

The Lockout setting prevents the shock from compressing until significant impact or downward force occurs. The shock will compress when the force exceeds the damper blow-off circuit resistance. Use the Lockout setting for maximum pedalling efficiency on smooth or rolling terrain. Rotate the lever, or actuate the remote, to lock and unlock the compression damper.

You can find more info about rear suspensions on www.sram.com/rockshox.

Front suspension

Rebound damping controls the suspension fork extension/return speed, which affects traction and control. Optimal rebound damping allows the fork to extend at a controlled speed and maintain traction and control. Rebound that is too fast allows the fork to extend too quickly, which causes the wheel to bounce off objects and the ground resulting in a 'pogo' effect. Rebound that is too slow prevents the fork from extending quickly enough to regain contact with the ground or prepare for the next impact. Rebound damping can be tuned to rider weight, spring rate and travel, as well as for terrain and rider preference.

As the air pressure or spring rate increases, the extension/return speed increases. To achieve the optimal setting, rebound damping may need to be increased when air pressure or spring rate increases.

For recommended rebound settings, go www.sram.com/rockshox. After setting the sag, adjust the rebound damper, go for a ride, and adjust again as preferred.

Shock pressure chart

FRONT FORK – AIR SPRING PRESSURE

G6.1 & G6.1(US) - ROCK SHOX YARI RC 27.5" BOOST DEBONAIR, 150MM [5.9"] TRAVEL, 15MM [0.6"] AXLE

<55 kg	55–63 kg	63–72 kg	72–81 kg	81–90 kg	90–99 kg	>99 kg	MAX PSI
<55 psi	55–65 psi	65–75 psi	75–85 psi	85–95 psi	95–105 psi	105+ psi	163

G6.2 & G6.2(US) - ROCK SHOX LYRIK RC 27.5" BOOST DEBONAIR, 150MM [5.9"] TRAVEL, 15MM [0.6"] AXLE

<55 kg	55–63 kg	63–72 kg	72–81 kg	81–90 kg	90–99 kg	>99 kg	MAX PSI
<55 psi	55–65 psi	65–75 psi	75–85 psi	85–95 psi	95–105 psi	105+ psi	163

G6.3 & G6.3(US) - ROCK SHOX PIKE RC 27.5" BOOST DEBONAIR, 150MM [5.9"] TRAVEL, 15MM [0.6"] AXLE

<55 kg	55–63 kg	63–72 kg	72–81 kg	81–90 kg	90–99 kg	>99 kg	MAX PSI
<55 psi	55–65 psi	65–75 psi	75–85 psi	85–95 psi	95–105 psi	105+ psi	163

Recommended tire pressure

The tire pressure is an important factor for riding the bike properly. If the tire pressure is too high, the tire will not conform to the ground, reducing traction. If the tire pressure is too low, the tire could pinch flat. It is important to have an accurate pressure gauge when setting tire pressure; preferably a digital gauge with a 0.03 [bar] (0.5 [psi]) accuracy.

The recommended tire pressure will vary slightly based on rider weight, riding style, and terrain. Some riders may find it helpful to start a ride at a slightly higher pressure than recommended and let out a little air throughout the course of the ride until you find your ideal riding tire pressure.

The maximum inflation pressure is 2.6bar (38psi)

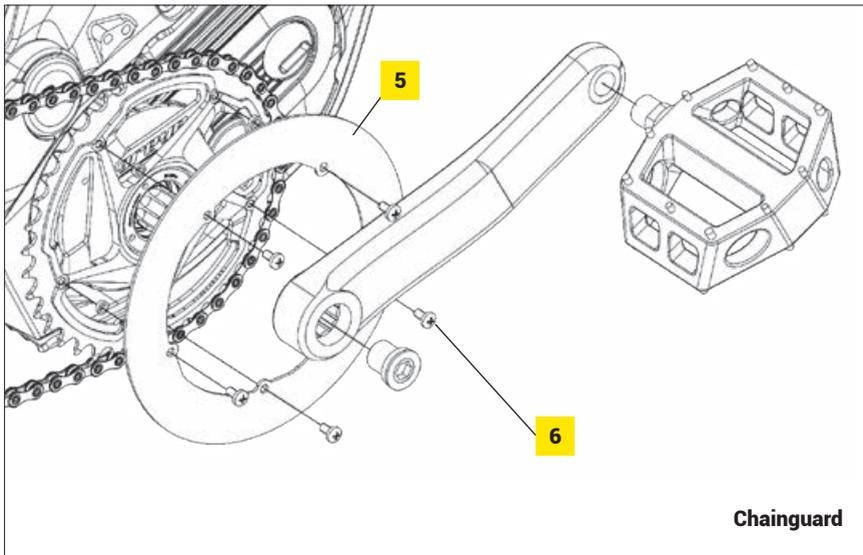
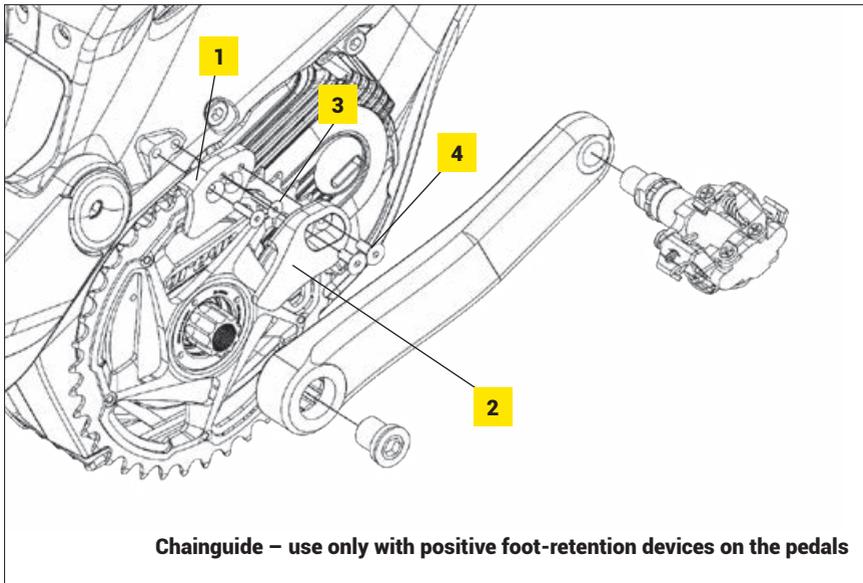


WARNING – Never inflate a tire beyond the maximum pressure marked on the tire's sidewall. Exceeding the recommended maximum pressure may blow the tire off the rim, which could cause damage to the bike and injury to the rider and bystanders.

Assembling parts supplied unassembled

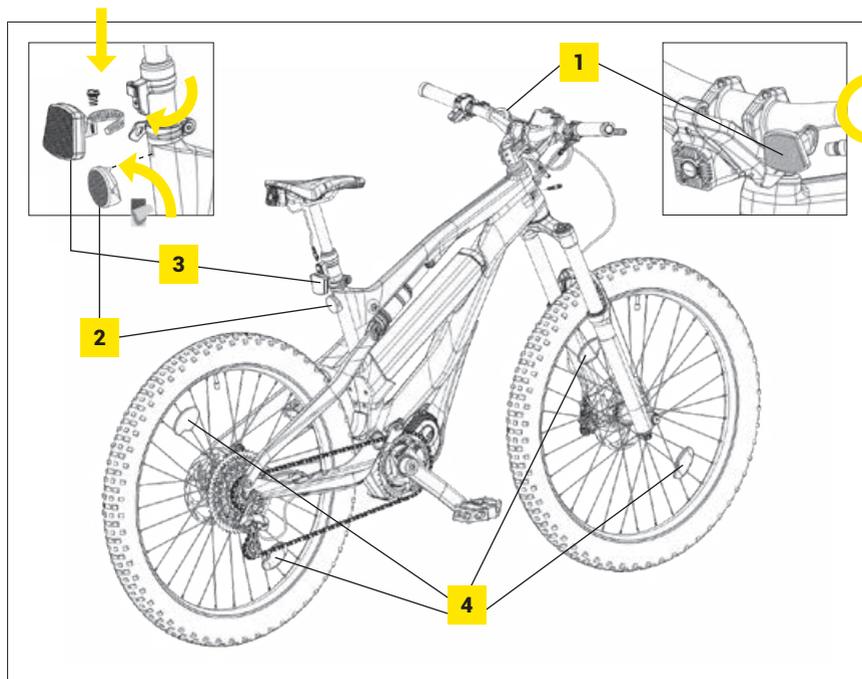


CAUTION – Do not use chainguide and chainguard at the same time.



CHAINGUIDE OR CHAINGUARD MOUNT

	NAME/DESCRIPTION	TORQUE, Nm [lb ft]
1	CHAINGUIDE ALU PART	-
2	CHAINGUIDE PLASTIC PART	-
3	DIN 7991 M5X18	4 [3]
4	DIN 7991 M5X12	4 [3]
5	CHAINGUARD	-
6	ISO 7045 M4X8	4 [3]



REFLECTORS

	NAME/DESCRIPTION
1	FRONT REFLECTOR 313/5K
2	REAR REFLECTOR 314/1
3	REAR REFLECTOR 313/1ZB
4	SPOKE REFLECTOR 309 (M); (US - RR-530-WUW)

3

Battery and charger

Your vehicle is powered by a Lithium-ion (Li-ion) battery. Always adhere to the following instructions when handling or charging the battery or when using the G6. Only use the Greyp battery with the corresponding Greyp vehicle. Do not use the Greyp battery with other products or any other battery with the Greyp vehicle, even if it fits.

Turn off the bike, unplug the charger from the bike and remove the battery from the Greyp vehicle before performing work of any kind, such as installation, maintenance, cleaning and/or repair. When transporting or handling the battery separately from the Greyp vehicle, ensure the battery is turned OFF (you can do this by plugging battery to bike and if bike doesn't turn on by itself battery is turned OFF). Touching the contacts when the battery is ON can result in electric shock and/or injury.

Before riding the bike, make sure the battery is properly secured in the frame.

Do not modify, open or disassemble the battery or charger, as modification or disassembly may result in a short circuit, fire or malfunction.

Be careful when handling the battery and do not drop it.

Battery technical data

GREYP G6 BATTERY PACK INFORMATION

MANUFACTURER:	GREYP BIKES D.O.O.
MODEL/TYPE REFERENCE:	6G-01
WEIGHT:	3.5 Kg
BATTERY TYPE DESIGNATION:	10INR19/66-6
CELL CONFIGURATION:	10S6P
CAPACITY (AH):	19.3 Ah
ENERGY (WH):	700 Wh

GREYP G6 BATTERY PACK INFORMATION

COMMUNICATION:	CAN
APPLICATION USING ENVIRONMENT:	INDOOR AND OUTDOOR, -20~50 °C [-4~122°F]
COOLING:	NATURAL CONVECTION
CHARGING	BETWEEN 0-40°C [32~104°F]
PROTECTION:	PROTECTION TYPE: FUSE/ CELL CHRГ TEMP, DISCHRG TEMP / CELL VOLTAGE PROTECTION RATING : 40 A/ 0°C [32°F] TO 55°C [131°F] , -20°C [-4°F] TO 60°C [140°F] / 2.5 TO 4.19 VOLTS OVERLOAD PROTECTION: 30 A, 5 s SHORT CIRCUIT PROTECTION: 150 A
OTHER INFORMATION:	CELL INFORMATION : LG INR18650-MJ1, Li-Ion, 3.63V, 3500mAh OUTPUT CONNECTOR: ROPD TYPE, AUTOMOTIVE, 48V, 30A, UV RESISTANT
CHARGING METHOD:	CC/CV
I CHARGE MAX:	9.0 A
I CHARGE:	4.0 A (OPTIONAL: 8.0 A)
I DISCHARGE:	20.0 A CONTINUOUS
U CHARGE MAX:	42.0 V
U CHARGE NOM:	36.3 V
U DISCHARGE END:	25.0 V
U CHARGE END:	41.9 V
CERTIFICATION:	UN 38.3 (6TH ED.)

Important battery information



WARNING – Failure to follow the instructions in this section may result in damage to electrical components on your vehicle and will void your warranty, but, most importantly, may result in serious personal injury or death. If your battery or charger exhibits any signs of damage, do not use it and immediately bring it to your authorized Greyp Bikes retailer for inspection.



The connector used for the battery and charger is magnetised (RoPD) and can attract metal objects. Do not allow any screws or other small, sharp and/or metallic objects to come in contact with the battery connector, bike charging socket or charger connector.

Every time before you plug in battery or charger check battery connector, bike charging socket and charger connector for any damage or foreign object. In case of any damage do not connect battery or battery charger and please contact Authorized Greyp Retailer. In case of foreign object please remove it before you connect battery to vehicle.

Keep the battery away from metal objects as that can cause a short-circuit.

Do not allow the battery to overheat. Protect the battery from excessive sun exposure. Do not expose the battery to an open fire or radiator heat.

Do not immerse the battery in water. Do not directly spray the battery (or the connectors if the battery is removed) with pressure water.

In the event of inadequate connection between charger connectors and battery connector or charging socket there could be functional problems and it is a potentially hazardous situation. In this case you should disconnect charger connector and battery and check what caused inadequate connection.

Do not use a battery that shows any signs of damage (hollow casing, cracked lid, cracked connector, damaged connector) or is leaking any fluids. Battery liquid can cause skin irritation and burns. In the event of damage that results in skin or eye contact with any liquid from the battery, immediately flush with water and seek medical assistance.

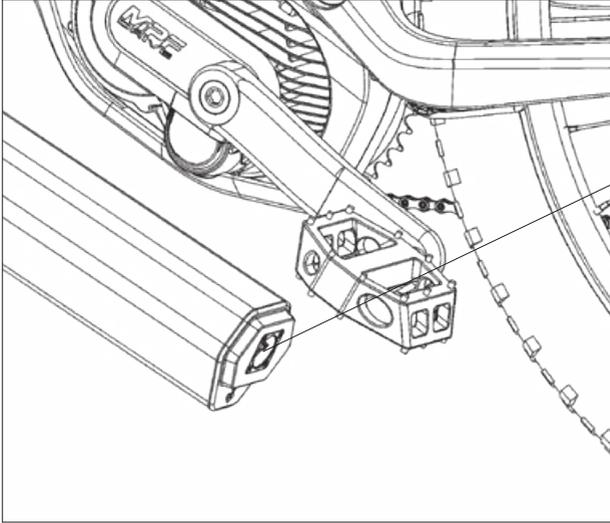
The battery is heavy. Be careful when handling it and do not drop it.

Do not connect battery connector, bike charging socket or charger connector if it is wet. You can use dry cloth to dry battery connector, bike charging socket or charger connector. It is important that you follow the instructions on the label of the battery charger and always use appropriate Greyp charger.

The battery can be charged whether installed in the vehicle or not. Refer to the appropriate instructions regarding removing and installing the battery. Only charge the battery at an ambient temperature between 0°C and 40°C (32°F and 104°F) . If the outside temperatures are too hot or too cold, charge the battery inside. For safety reasons, if the battery is too hot or too cold, it will not charge.

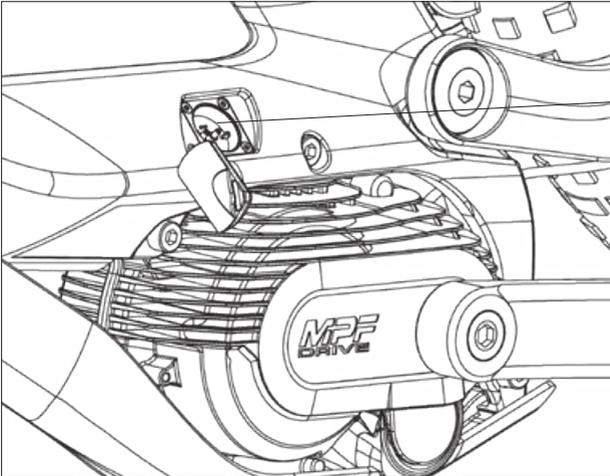


ON BATTERY



charging socket

ON BIKE



charging socket

Plug the charger plug into appropriate AC outlet (depending on the charger) using the appropriate plug/adaptor for the country's standard.

Uncover the charging socket on the bike, then connect the charger to the charging socket on the bike. It is possible to charge the battery when removed from the bike. In that case, plug the charger into the battery socket.

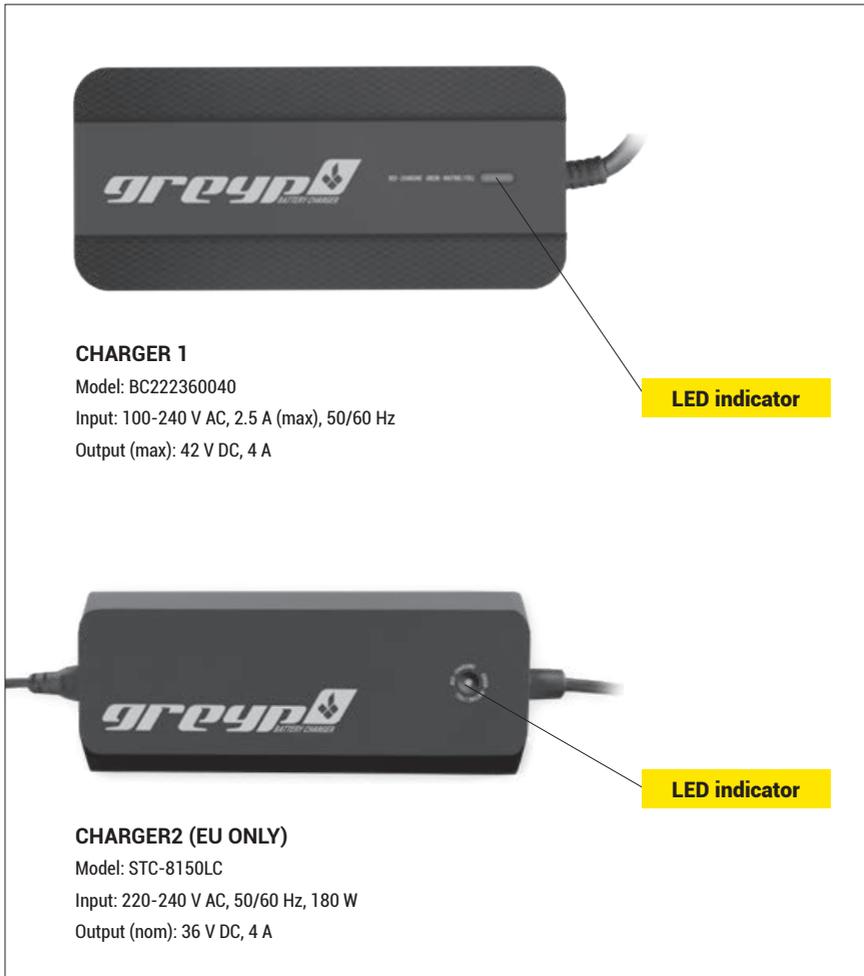
During the charging process, the light on the charger on the charger will glow red. When the battery is fully charged, the light on the charger on the charger will turn green. When monitoring the charging process, please check the LED light on the charger.

When charging is complete, disconnect the charging plug from the battery socket. Unplug the charger from the wall socket.

Make sure that input voltage of charger is in range of power grid voltage you plan to use.



CAUTION: If the red LED flashes during the charging process, a charging error has occurred. In that case, immediately remove the charger from the socket, discontinue the use of the motor support and contact an Authorized Greyp Retailer.



Battery life

The bike should be stored in dry conditions. If you plan to store battery for a period longer than few weeks make sure that SoC (state of charge) is between 30 and 40%. It is necessary to check the battery frequently, even if the bike is not being used, in order to avoid permanent damage to the battery.

Strongly reduced operating time after charging can be a sign that the battery is reaching the end of its useful life and must be replaced. Provided the vehicle has been used properly, approximately 80% of the battery's original capacity should remain after 500 charging cycles or two years.

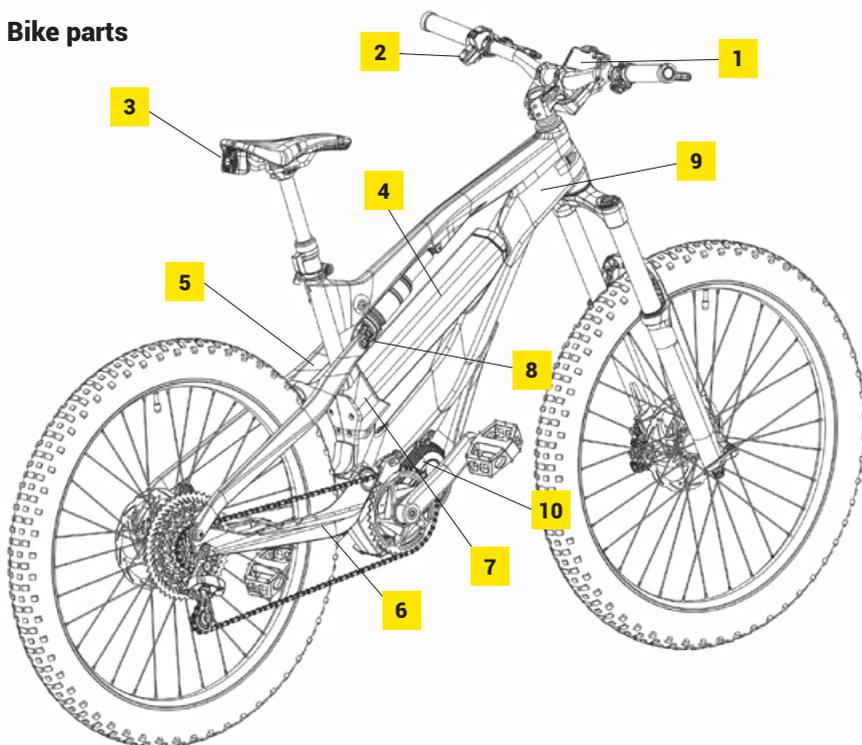
Recharging the Greyp G6 battery takes approximately 5 hours. It is recommended that you don't wait for the battery to completely empty before recharging. Do not leave full or empty battery for a longer period of time, as this will reduce battery life. Try to keep the battery between 20-80 % to extend the battery life. If you know that your planed route is shorter and you don't need full battery, we recommend that you charge the battery up to 80% of SoC instead of 100%. This way you will keep better battery life.

The worst thing is to leave a complete empty battery uncharged for a longer period. This could lead to reduced battery life or permanent damage to the battery pack.

4

System functions

Bike parts

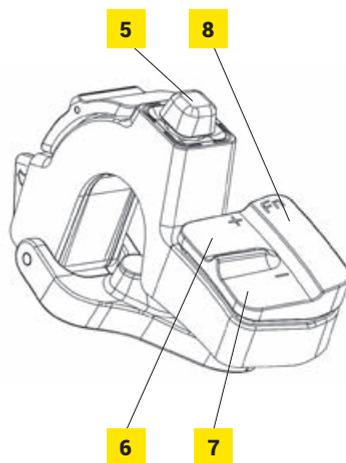
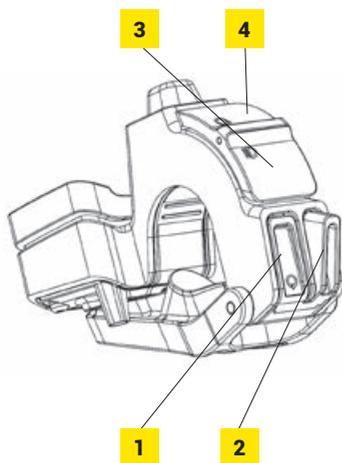


BIKE PARTS

NAME/DESCRIPTION

1	DISPLAY UNIT (CIM)	6	CHAINSTAY
2	CONTROL UNIT (CBC)	7	PUSHPLATE
3	REAR CAMERA (BUTS)	8	RATIO LEVER
4	BATTERY	9	FRAME
5	SEATSTAY	10	MOTOR

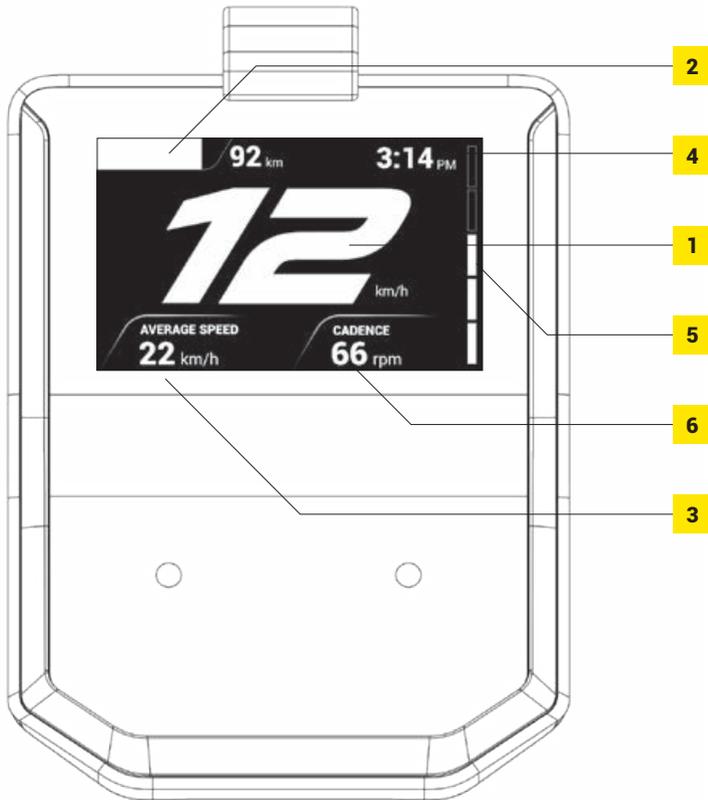
Control unit functions



LEGEND

NAME/DESCRIPTION	ICON	FUNCTION	TYPE
1 POWER		ON/OFF AND STAND BY	LONG/SHORT PRESS
2 WALK ASSIST		WALK ASSIST	PRESS & HOLD
3 LIGHT		TURN ON/OFF FRONT AND REAR SIGNAL LIGHTS	SHORT PRESS
4 RETRO VIDEO		WORKS ONLY WITH MOBILE APP	
5 JOYSTICK		SWITCH BETWEEN DISPLAY FUNCTIONS	SHORT PRESS IN ALL DIRECTIONS
6 ASSIST LEVEL UP		INCREASE LEVEL OF ASSISTANCE	SHORT PRESS
7 ASSIST LEVEL DOWN		DECREASE LEVEL OF ASSISTANCE	SHORT PRESS
8 FUNCTION		WORKS ONLY WITH MOBILE APP	

Display unit information



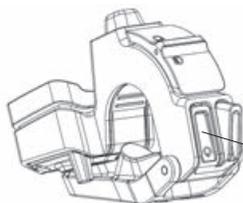
CIM DISPLAY INTERFACE

NAME/DESCRIPTION	
1	SPEED
2	BATTERY CHARGE / REMAINING DISTANCE
3	RIDE STATISTICS
4	TIME
5	ASSIST LEVEL
6	CADENCE

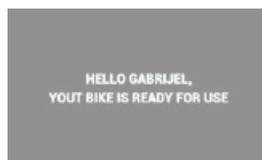
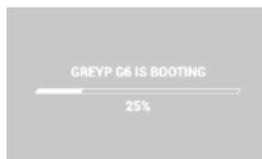
Power on



To turn on the bike, short press the power button



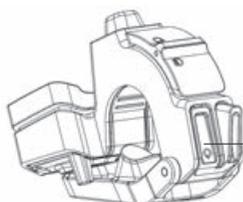
Short press



Stand by mode on



To turn on the bike, short press the power button

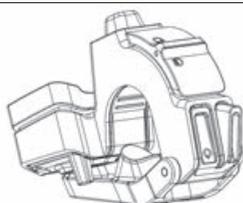


Short press



Stand by mode off

To wake up the bike from stand-by mode, press any button on the control unit or move the bike



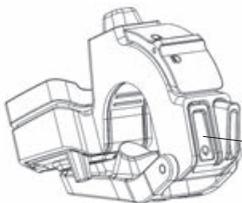
Press any button



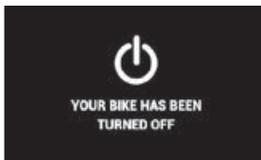
Power off



To turn off the bike, long press the power button



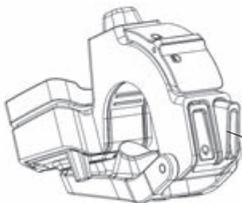
Long press



Walk assist mode



To activate walk assistance mode, press and hold walk assist button

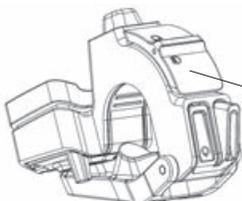


Press and hold

Lights on/off



To turn the lights on or off, short press the light button



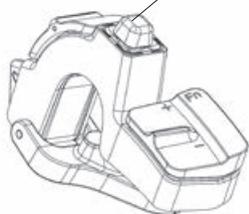
Short press

Joystick

 To switch between different information on the display unit, move the joystick up or down

- » TRIP
- » ODOMETER
- » AVERAGE SPEED
- » TRIP TIME

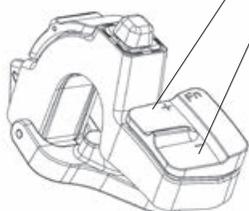
Move in the up or down direction



Assist level up/down

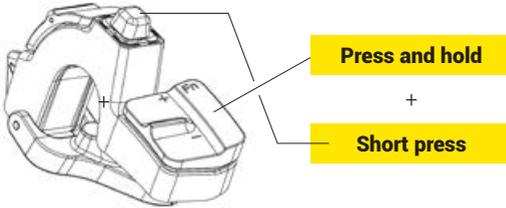
 To change the assistance level, short press the plus or minus assist level button

Short press to change by one level

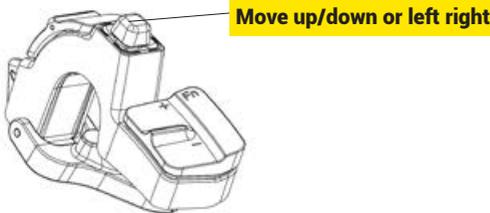


Info and Pair a bike screen

Fn +  To access Info screen, use combination of buttons.

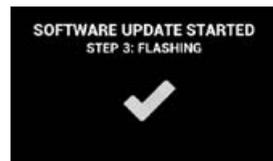
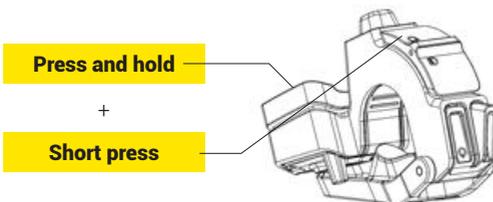


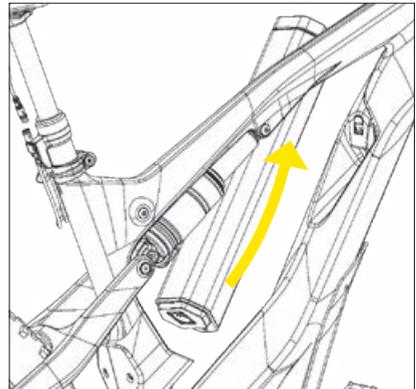
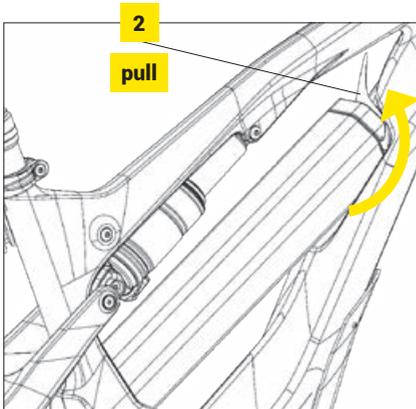
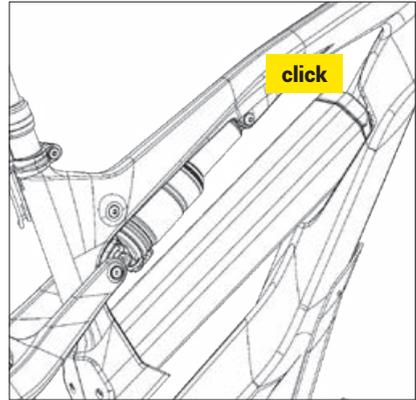
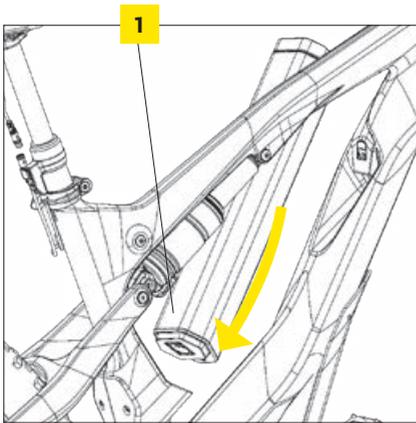
 Move the joystick up or down to scroll inside screen or move the joystick left/right to switch between screens



Manual Software Update

Fn +  To start Software update use combination of buttons. Make sure your bike is connected to a charger and that bike is connected to your personal hot spot.





BATTERY PACK MOUNT/DISMOUNT

NAME/DESCRIPTION

1 BATTERY

2 BATTERY LOCK

5

Bike maintenance & range

Maintenance



WARNING – Failure to follow the instructions in this section may result in damage, serious personal injury or death. If your bike exhibits any signs of damage, do not use it and immediately bring it to your authorized Greyp Bikes retailer for inspection.

All regular maintenance, troubleshooting, repair and parts replacement must be performed by an Authorized Greyp Retailer.



CAUTION – Changes or modifications not expressly approved by Greyp bikes could void the user's authority to operate the equipment.



WARNING – If your use of a bicycle applies more stress than that which is intended, the bicycle or its parts can be damaged or broken. A bicycle that has damage could decrease your control and cause you to fall. Do not ride in use conditions that apply more stress than the limits of the bicycle. If you are not sure of the limits of the bicycle, consult your bike shop.

Great care should be taken to not damage carbon fibre or composite material. Any damage may result in a loss of structural integrity, which may result in a catastrophic failure. This damage may or may not be visible on inspection. Before each ride, and after any crash, you should carefully inspect your vehicle for any fraying, gouging, scratches through the paint, chipping, bending, or any other signs of damage. If discovered, not ride any further and take your vehicle to an Authorized Greyp Retailer for a complete inspection.

The lifespan and the type and frequency of maintenance depend on many factors, such as frequency and type of use, rider weight, riding conditions and/or impacts. Additionally, the G6 uses a power-assisted drive system, which means more distance at different rates, depending on the component. Drivetrain and brake components are especially subject to wear. Periodically have your Authorized Greyp Retailer inspect your vehicle and components.

Exposure to harsh elements, especially salty air (such as riding near the ocean or in the winter) can result in galvanic corrosion of components, which can accelerate wear and shorten the lifespan. Dirt can also accelerate the wear of surfaces and bearings. The surfaces of the vehicle should be cleaned before each ride. Proper care and regular maintenance can help increase the longevity of components. If you notice any signs of corrosion or cracking on the frame or any component, the affected item must be replaced. While riding, listen for any creaks, as a creak can be a sign of a problem with one or more components. Periodically examine all surfaces in bright sunlight to check for any small hairline cracks and if you discover any, no

matter how small, or any damage to components, immediately stop riding and have the part inspected by your retailer. The vehicle should also be maintained regularly by an authorized Greyp retailer, which means it should be cleaned and lubricated. Regularly clean and lubricate the drivetrain according to the drivetrain manufacturer's instructions.

Do not apply lubricant on rim sidewalls or disc brake rotors. Lubricant on brake surfaces can cause decreased braking function, and increase the possibility of an accident or injury. Wipe off any lubricant that contacts brake surfaces.

Do not use a high-pressure water spray directly on the bearings. Even water from a garden hose can penetrate bearing seals and crank interfaces, which can result in increased bearing and crank wear, in turn affecting the normal function of the bearings. Use a clean, damp cloth and bicycle cleaning agents for cleaning. Do not expose the vehicle to prolonged direct sunlight or excessive heat, such as inside a car parked in the sun or near a heat source such as a radiator.

It is very important that you use only genuine replacement parts for safety-critical components.

Bicycle wheel rims are subject to wear. Ask your dealer about wheel rim wear. Riding a wheel that is at the end of its usable life can result in wheel failure, which can cause you to lose control and fall.

Loose or damaged handlebar grips, end plugs or extensions should be replaced, as they can expose the ends of the handlebar, which have been known to cause injury, and they can cause you to lose control and fall.



WARNING — Riding with an improperly secured wheel can allow the wheel to wobble or fall off the bicycle, which can cause serious injury or death. Therefore, it is essential that you:

1. Ask your dealer to help you make sure you know how to install and remove your wheels safely.
2. Understand and apply the correct technique for clamping your wheel in place.
3. Each time, before you ride the bike, check that the wheel is securely clamped.
4. The clamping action of a correctly secured wheel must emboss the surfaces of the dropouts.

The following parts must only be replaced with original components:

FRAME	BRAKE PADS
ELECTRIC CONTROLLERS	BATTERY
FORK	DISPLAY
ELECTRIC WIRING	BRAKE HOSES
BRAKES	CHARGER
MOTOR UNIT	CRANK SET
HANDLEBAR REMOTE	SENSORS

Appropriate spares:

	TYRES	BRAKES	ROTORS	INNER TUBE
G6.1	SCHWALBE NOBBY NIC PERFORMANCE LINE, 70-584	FORMULA CURA	203mm [8"] FRONT 180mm [7"] REAR	PRESTA 27.5 PLUS X 2.8/3.0 TUBE
G6.2	SCHWALBE MAGIC MARY EVOLUTION LINE, 70-584	FORMULA CURA 4	203mm [8"] FRONT 203mm [8"] REAR	
G6.3	SCHWALBE NOBBY NIC PERFORMANCE LINE, 70-584	FORMULA CURA 4	203mm [8"] FRONT 203mm [8"] REAR	

Parts replacement – recommended values

CHAIN WITH CHAIN RINGS	1,000 KM [621 mi] OR SOONER IF NEEDED
TIRES	EVERY 3 YEARS OR AT WEAR MARK
INNER TUBES	EVERY 3 YEARS OR WHEN NEEDED
FRONT HUB BEARINGS	EVERY 2,000 km [1242 mi]
BRAKE PADS	EVERY YEAR OR AT WEAR MARK
BRAKE DISCS	EVERY YEAR OR AT WEAR MARK
BRAKE FLUID	AS SPECIFIED BY PRODUCER
FORK	AS SPECIFIED BY FORK PRODUCER (see chapter Front suspension)
SHOCK	AS SPECIFIED BY SHOCK PRODUCER (see chapter Rear Suspension)
OIL IN SHOCK	AS SPECIFIED BY PRODUCER (see chapter Rear Suspension)

Range

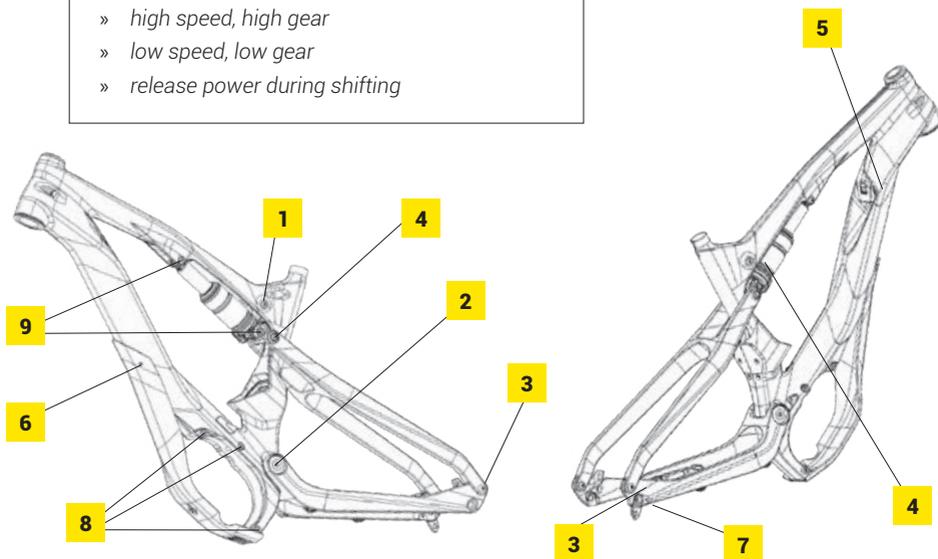
The range on one charge greatly depends on several circumstances, such as (but not only):

- » *Weather conditions such as ambient temperature and wind;*
- » *Road conditions such as elevation and road surface;*
- » *Bike conditions such as tire pressure and maintenance level;*
- » *Bike usage such as acceleration and shifting;*
- » *Rider and luggage weight;*
- » *Charge and discharge cycles.*

Shifting recommendations

For better range, Greyp advises to shifting according to the speed. For low speeds, low gearing is best. The higher the speed, the higher the gear that can be chosen. For smooth support and optimum range, it is best to release pedal pressure while shifting gears.

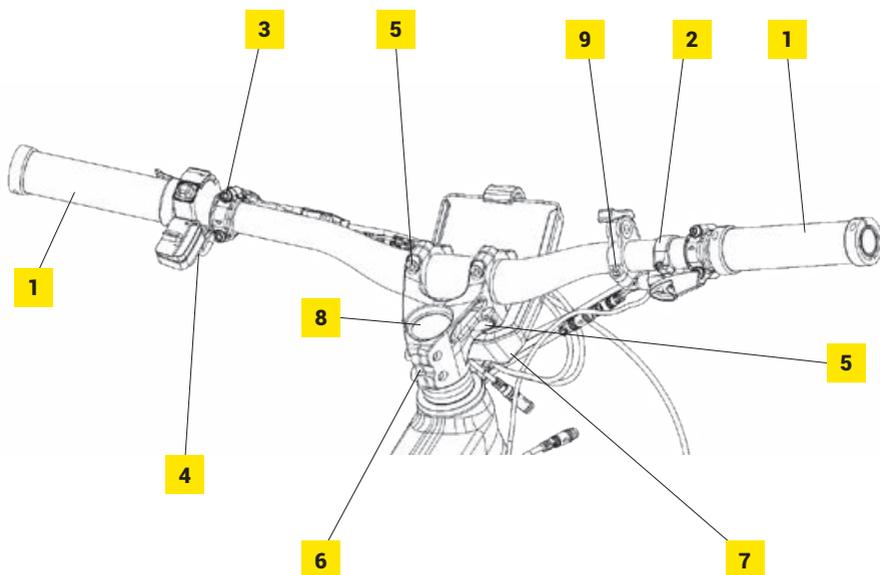
- » *high speed, high gear*
- » *low speed, low gear*
- » *release power during shifting*



Recommended tightening of fasteners

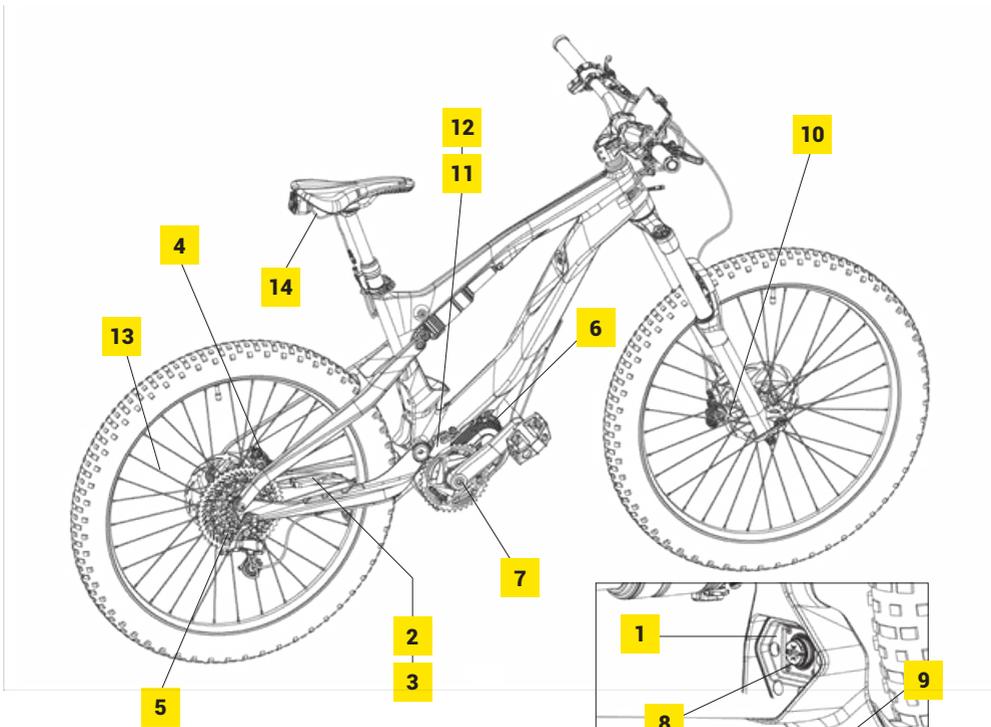
FRAME TORQUE SPECIFICATION

	NAME / DESCRIPTION	TORQUE, Nm [lbf ft]
1	RATIO LEVER / FRAME	8 [5.9]
2	FRAME / CHAINSTAY	20 [14.8]
3	CHAINSTAY / SEATSTAY	8 [5.9]
4	SEATSTAY / RATIO LEVER	10 [7.4]
5	BATTERY LOCK	2-3 [1.5-2.2]
6	SKID PLATE	5 [3.7]
7	DROPOUT	6 [4.4]
8	FRAME / MOTOR	8 [5.9]
9	RATIO LEVER / REAR SHOCK / FRAME	8 [5.9]



HANDLEBAR PARTS / STEM / TORQUE SPECIFICATION

	NAME / DESCRIPTION	TORQUE, Nm [lbf ft]
1	GRIPS / HANDLEBAR	G6.1 & G6.2 - 2[1.5], G6.3 - 3 [2.2]
2	SHIFTER / HANDLEBAR	4 [3]
3	BRAKE LEVERS / HANDLEBAR	4 [3]
4	CBC / HANDLEBAR	1,2 [0.9]
5	STEM / HANDLEBAR	9 [6.6]
6	STEM / FRONT FORK	12 [8.9]
7	CIM / STEM	1 [0.7], MAX <2 [1.5]
8	HEADSET / FRONTFORK	6 [4.4]
9	SEATPOST / HANDLEBAR	3 [2.2]



BIKE COMPONENTS TORQUE SPECIFICATION

	NAME / DESCRIPTION	TORQUE, Nm [lbf ft]
1	PUSHPLATE / FRAME	4 [3]
2	SPEEDSENSOR / CHAINSTAY	2 [1.5]
3	SPEEDSENSOR / SPEEDSENSOR HOLDER	2 [1.5]
4	REAR BRAKE / CHAINSTAY	6 [4.4]
5	DERAILLEUR / DROPOUT	12 [8.9]
6	CHAINWHEEL / MOTOR	30 [22.1]
7	CRANKARMS / MOTOR	40 [29.5]
8	Y WIRING / PUSHPLATE	1 [0.7]
9	Y WIRING / FRAME	1 [0.7]
10	FRONT BRAKE / FRONT FORK	6 [4.4]
11	CHAINGUIDE ALU PART / FRAME	4 [3]
12	CHAINGUIDE PLASTIC PART / ALU PART	4 [3]
13	SPEEDSENSOR MAGNET / WHEEL SPOKES	< 2 [1.5] MAX
14	SEAT POST / SEAT	10 [7.4]

6

Cleaning the bike

Most cleaning can be done with soap, water, sponges and brushes.

- » *Avoid using high-pressure sprayers because water can penetrate through seals.*
- » *Avoid using corrosive soaps and strong solvents – always use cleaning products intended for an electric bicycle*
- » *For an extremely dirty chain we recommend use of a solvent-bath chain cleaner.*

Chain

After every wash, the chain should be wiped and lubricated. After every few rides, lube slightly. After every 400 km [250 mi], check for chain elongation. Use a chain-elongation gauge to determine whether the chain should be replaced.

Fork

Wipe and clean the forks after every ride. Full fork service every 125 hours or once a year (whichever comes first). For specific detail check suspension manufacturer service manuals.

Shock

Wipe and clean the forks after every ride. Full shock service every 100 hours or once a year (whichever comes first). For specific details, check the suspension manufacturer service manuals.

Have all repairs performed only by an authorised bike dealer.

Lubrication

Consult with your retailer to choose among the many types of chain lubes best suited to your climate and riding conditions. Every month, lubricate all of the pivot points of the rear derailleur, as well as on the jockey wheels.

7

Warranty

General

Greyp products have been manufactured and tested to the highest quality standards by Greyp Bikes d.o.o. This Limited Warranty offered by Greyp Bikes d.o.o. covers defects in material or workmanship in new Greyp products. Greyp warrants this product against defects in material or workmanship for a period of 24 months after the first purchase. Greyp will replace any product or part of the product that proves defective due to improper workmanship and/or material, under normal installation, use, service and maintenance. If Greyp is unable to provide a replacement and if a repair is not practical or cannot be made in a timely fashion, Greyp may elect to refund the purchase price in exchange for the return of the product.

This warranty extends to the original purchaser only and is non-transferable. This warranty does not apply to rental or commercial use bicycles. Only consumers purchasing Greyp products from authorized Greyp retailers or resellers or through the Greyp website may obtain coverage under our limited warranties. This warranty does not cover any damage or defects resulting from a failure to follow instructions in the user manual, alterations to the original design, acts of God, accident, misuse, neglect, abuse, improper assembly, operator error, water damage or improper follow-up maintenance. Greyp explicitly exempts from coverage any damage to bicycles used for jumping, stunt riding, rental programs, observed trials and any similar extreme riding or events.

Incidental and consequential damages are also not covered. Greyp does not cover the cost of international warranty shipping at any time, for any reason. This warranty is expressly limited to the replacement of defective parts with those of equal or greater value at the sole discretion of Greyp Bikes d.o.o.

The repair, replacement or refund of the purchase price, as provided by this warranty, is the exclusive remedy of the purchaser. Greyp bikes neither assumes nor authorizes any person to create for it any other obligation or liability in connection with this warranty. Greyp bikes shall not be liable to the purchaser or any other person for any incidental, special or consequential damages, arising under this warranty or any implied warranty, including without limitation, damages for personal injury, property damage or economic losses, whether based on the contract, warranty, negligence or product liability in connection with their products.

Some components of Greyp bikes are subject to wear and tear due to their function. The rate of wear will depend on care and maintenance and the way the bike is used. Bikes that are often left in the open may also be subject to increased wear through weathering. The

components below require regular maintenance. Nevertheless, sooner or later they will reach the end of their service life, depending on the conditions and intensity of use. Parts that have reached their limit of wear and tear must be replaced.

BATTERY	CHAINRINGS
DRIVE CHAIN	LAMPS
BRAKE PADS	INNER TUBES
BRAKE FLUID (DOT)	SPROCKETS
BRAKE DISKS/ROTORs	SADDLE COVERING
BRAKE HOSES	LUBRICANTS
BRAKE CABLE HOUSING	HYDRAULIC DROPPER SEALS AND REPLACEMENTS PARTS
SEALS OF SUSPENSION ELEMENTS	CHAIN GUIDE ASSEMBLY
GRIPS	BASHGUARD
CABLES/CONNECTORS	PEDALS

Battery

If the battery fails completely during the first 24 months or 500 cycles (whichever comes first) from the original date of purchase, it will be replaced or repaired at no charge. Lithium batteries require care and some maintenance to maximize life expectancy (please read chapter Battery life). Abusing the battery will void your warranty.

The warranty is void in the following cases:

- » *if damage is caused by power surge*
- » *if damage is caused by the use of an improper charger*
- » *if damage is caused by improper maintenance or other such misuse*
- » *if damage is caused by normal wear*
- » *if damage is caused by water damage*
- » *if the battery is charged below 0°C [32°F]*
- » *If the battery is below 20% of its capacity and not charged in the period longer than one month*

If a battery needs to be removed for return shipment to Greyp, it is the customer's responsibility to safely remove and send the battery to Greyp at their own cost. Greyp will reimburse the customer for its own labour & replacement parts in the first 24 months of bike ownership. Greyp will pay to return the battery to the customer. Greyp retains the right to repair or replace battery at its sole discretion. All lithium batteries must be shipped as Class 9 dangerous goods (HAZMAT) and must be shipped in accordance with all local and international laws. Lithium batteries sold by Greyp can and should NEVER be taken on board a passenger aircraft.

Frame

The Greyp frame is covered by a warranty against defects for 24 months from original date of purchase for the original owner. If a frame is found to be defective, EU shipping, parts and labour to replace the said frame is paid by Greyp for the first 24 months from the original date of manufacture. The cost of repairing/replacing custom paint is never included in frame warranty at any time.

Motor

The motor is warranted for 24 months from original date of purchase to be free from defects. In the event of a warranty claim requiring the motor to be returned to Greyp, customer is responsible for removal and shipment to Greyp. Greyp pays for the parts, in-house labour and return shipping.

Electronics

The electronics components are warranted for 24 months from the original date of purchase to be free from defects. In the event of a warranty claim requiring the electronics to be returned to Greyp, the customer is responsible for removal and shipment to Greyp. Greyp pays for parts, in-house labour and return shipping.

Brakes

The brakes are warranted for 24 months from the original date of purchase to be free from defects. Normal wear of the brake pads is not covered. Warranty claims on components are made in accordance with component manufacturer's guidelines. In the event of a warranty claim requiring the components to be returned to Greyp, the customer is responsible for removal and shipment to Greyp. Greyp pays for parts, in-house labour and return shipping.

Suspension

The suspension units are warranted for 24 months from the original date of purchase to be free from defects. Normal wear of the suspension, such as oil changes and leaking seals are not covered. Warranty claims for components are made in accordance with the component manufacturer's guidelines. In the event of a warranty claim requiring the components to be

returned to Greyp, the customer is responsible for removal and shipment to Greyp. Greyp pays for parts, in-house labour and return shipping.

Drivetrain

The drivetrain includes the sprockets, shifting system, chain and wheels. Drivetrain units are warranted for 24 months from the original date of purchase to be free from defects. Normal wear and tear of the drivetrain, such as chain and sprocket wear, tire flats, bent wheels and worn tires are not covered. Warranty claims for components are made in accordance with the component manufacturer's guidelines. In the event of a warranty claim requiring the components to be returned to Greyp, the customer is responsible for removal and shipment to Greyp. Greyp pays for parts, in-house labour and return shipping.

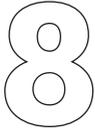
How to file a claim

Greyp Bikes d.o.o. will not provide any warranty coverage unless claims are made in compliance with all the Greyp Bikes d.o.o. Warranty Terms and Conditions and the proper return procedure is not followed. To request a warranty service, the Greyp Customer Service Department needs to be contacted and the following information needs to be clearly provided:

- » *the sales receipt or other evidence of the date and place of purchase*
- » *full name, contact details (including telephone number and email address)*
- » *build number of the bike*
- » *a description of the problem*
- » *images or video evidence of the problem*
- » *delivery of the product or the defective part, postage prepaid and carefully packed and insured, to Greyp Bikes d.o.o. or an agreed dealer*

The product or defective part has to be delivered to Greyp Bikes d.o.o. or an agreed dealer postage prepaid and carefully packed and insured. When the warranty service is completed, any repaired or replacement product or part will be returned to the customer postage prepaid. Greyp Bikes d.o.o. reserves the right to inspect any defective components or products to determine whether a repair or replacement is required.

Greyp Bikes d.o.o., Ljubljanska 7, 10431 Sveta Nedelja, Croatia



Disposal

The drive unit, on-board computer including operating unit, battery pack, speed sensor, accessories and packaging should be disposed of in an environmentally correct manner.

Only for EC countries:

According to the European Guideline 2012/19/EU, electrical devices/tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs / batteries, must be collected separately and disposed of in an environmentally correct manner.

Please return battery packs and on-board computers that are no longer usable to an authorised bicycle dealer.

Batteries and chargers must not be disposed of in your household trash! All batteries and charges must be disposed of in an environmentally friendly manner, in accordance with the battery disposal regulations in your country or state. Ask your authorized Greyp retailer for information on how to dispose of a battery or charger and any applicable take-back program.

9

EC – Declaration of conformity

MANUFACTURER	GREYP BIKES D.O.O.
ADDRESS	LJUBLJANSKA 7, 10431 SVETA NEDELJA, CROATIA
DESCRIPTION OF PRODUCT	GREYP G6.1 – PEDELEC (EPAC - ELECTRIC POWER ASSISTED CYCLE) GREYP G6.2 – PEDELEC (EPAC - ELECTRIC POWER ASSISTED CYCLE) GREYP G6.3 – OFF-ROAD VEHICLE
NAME AND ADDRESS OF THE PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE	DOMAGOJ TOPLIČANEC, LJUBLJANSKA 7, 10431 SVETA NEDELJA, CROATIA
THE PLACE AND DATE OF THE DECLARATION;	01/10/2019, SVETA NEDELJA

Hereby we expressly declare that the products listed above fulfil all the relevant provisions of the:

Machinery Directive (2006/42/EC), Electromagnetic compatibility (2014/30/EC), Radio Equipment Directive (2014/53/EU), Low Voltage Directive (LVD) (2014/35/EU), ROHS 2 Directive (2011/65/EU)



The following harmonizing standard was applied to the G6.1 and G6.2:

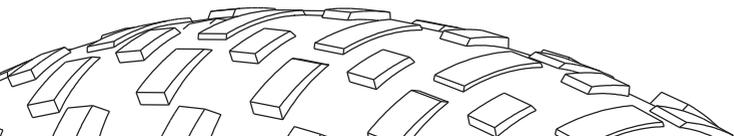
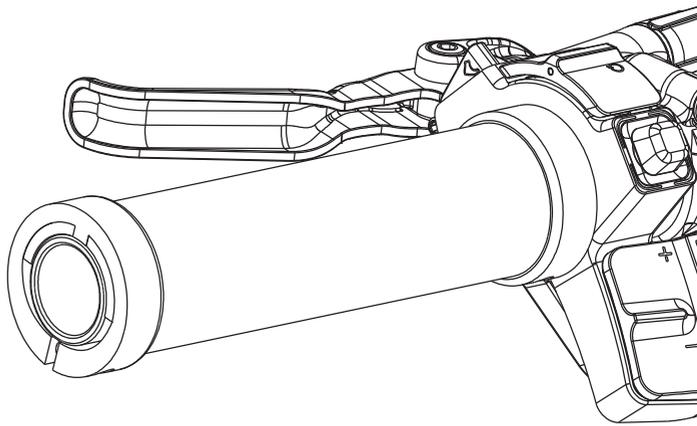
EN 15194:2017 Bicycles – electrically power assisted cycles – EPAC bicycles.

The following standard was used for G6.1, G6.2 and G6.3:

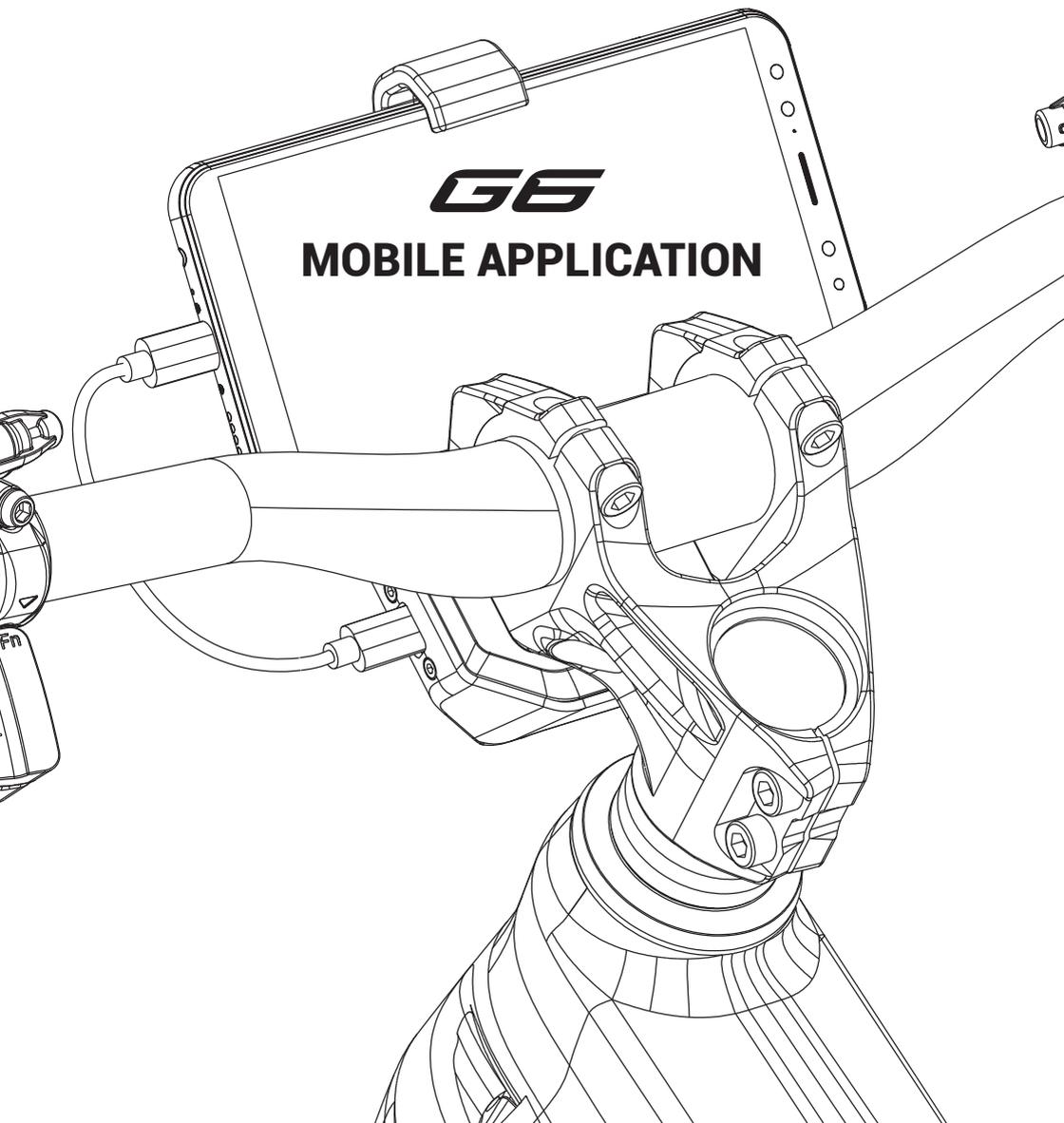
EN ISO 4210

Krešimir Hlede

COO Greyp Bikes d.o.o.

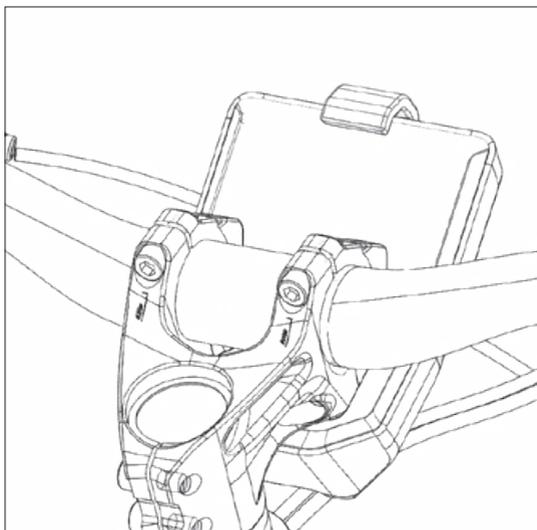


ENGLISH



GG
MOBILE APPLICATION

The image is a black and white line drawing of a robotic hand holding a tablet. The hand is detailed with various joints, gears, and mechanical components. The tablet is held in a way that its screen is visible and displays the text 'GG MOBILE APPLICATION'. The 'GG' is in a large, bold, italicized font, and 'MOBILE APPLICATION' is in a smaller, bold, sans-serif font below it. The background is plain white.



Greyp G6 with a 3G-module and eSIM is permanently connected to the internet in over 140 countries (you can find a list of all the countries on www.greyp.com). Just plug the mobile phone into the CIM and pair the bike with the mobile device.

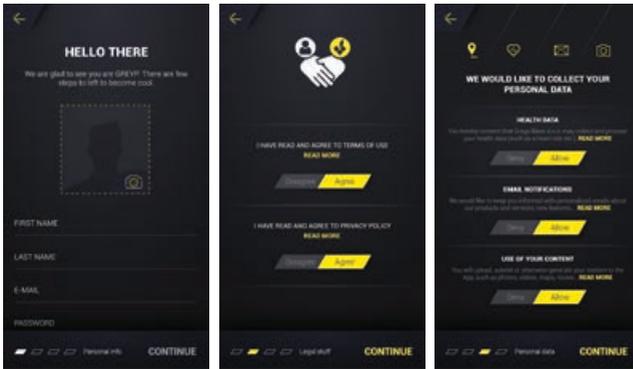


The Greyp G6 mobile application is available on the [Google PlayStore](https://play.google.com/store/apps/details?id=com.greyp.greyp).

1

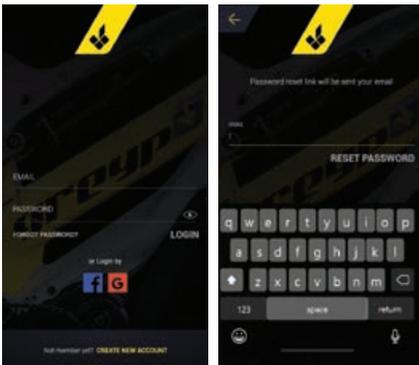
Introduction

The Greyp G6 mobile application has Remote Control and Dashboard working modes and both of these have corresponding parts that give you much more. So let's start from the beginning and show you how to connect to your bike.



Connect to GVC

You are able to create your account via Facebook, Google and Greyp Vehicle Cloud. If you already have an account, login with your existing email and password.



Forgotten password

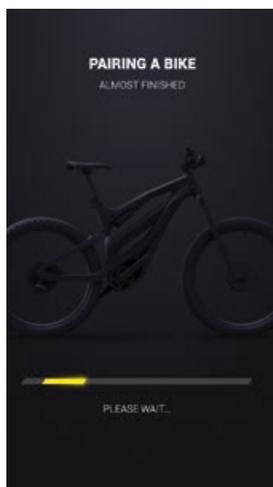
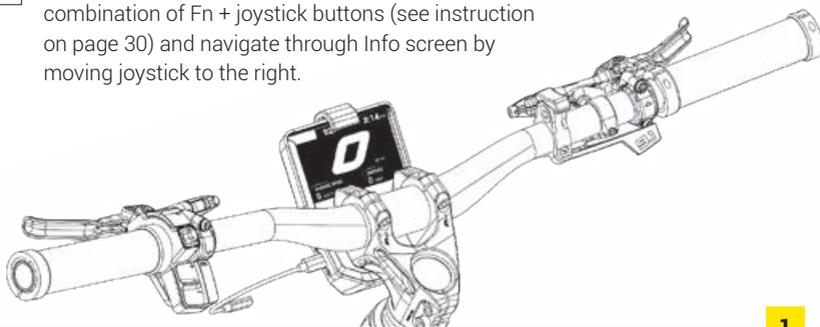
If you have forgotten your password, please select forgot password on the landing screen and enter your email. An email will then be sent to your email address.

Please follow the steps to be guided through the password reset process.

Bike pairing

After you have successfully created an account, follow these steps:

- 1 turn on your bike and wait for it to show the driving screen
- 2 turn on your mobile app and select "Pair a bike"
- 3 to get QR code, you need to access Info screen by using combination of Fn + joystick buttons (see instruction on page 30) and navigate through Info screen by moving joystick to the right.



4

POSSIBLE OUTCOMES**SUCCESS**

YOU CAN NOW USE YOUR BIKE WITH YOUR MOBILE PHONE

FAIL

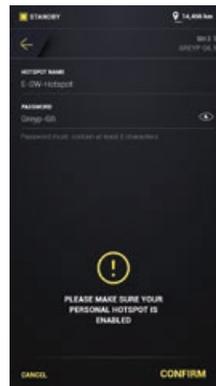
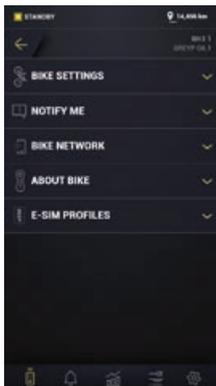
BIKE IS ALREADY PAIRED. CURRENT OWNER SHOULD REJECT OWNERSHIP.

CODE VALIDATION ERROR. PLEASE SCAN AGAIN.

MAKE SURE THAT THE BIKE HAS CONNECTIVITY

5 **Bike network setup**

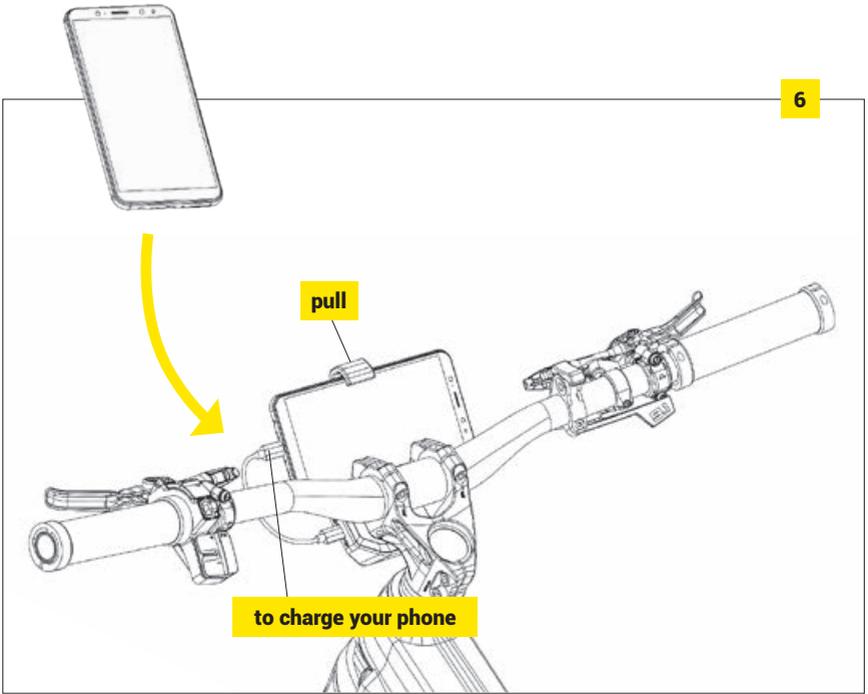
Please make sure you complete bike network setup and that hot spot on your phone with correct credentials is enabled. Bike will connect automatically if turned on when you are in WIFI range.



6

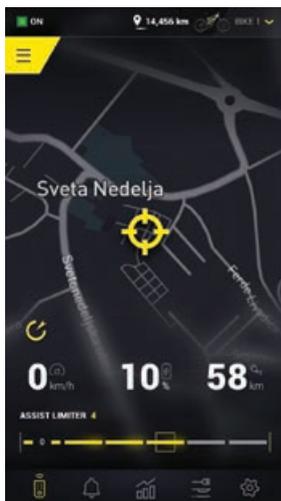


When pairing and network setup is successful, rotate your mobile phone to landscape mode to enter Dashboard or to portrait mode to enter Remote control (see next chapters).



2

Remote control



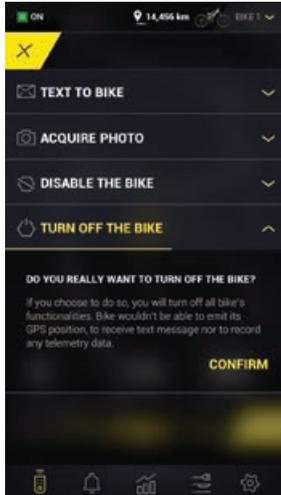
This section allows you to control your bike remotely, see its current status and give you insight into the data generated by your bike. It is divided into the following sections

- » *Remote control*
- » *Notifications*
- » *Activity*
- » *Feed*
- » *Settings*

Navigation through the application is done by switching through the tab bar at the bottom of the screen.

In the upper part of the application, you have a bike status bar that is shown in all the mentioned sections and it displays:

- » *Last known bike status*
- » *User distance to last known bike position*



REMOTE CONTROL SECTION

In the central part of the screen, you can see last known bike position along with last known speed, the current battery charge and the estimated range based on the current charge.

Just above tab bar is the assist limiter control, which allows you to set the current maximum assistance level on the bike.

By pressing the button in the upper left corner, you gain access to following features:

TEXT TO BIKE

Send a message of a maximum of 100 characters to the bike. The message will be presented on the CIM (Central Intelligence Module)

ACQUIRE PHOTO

Acquire a photo from the bike's front or rear camera so you can see its surroundings

KILL SWITCH

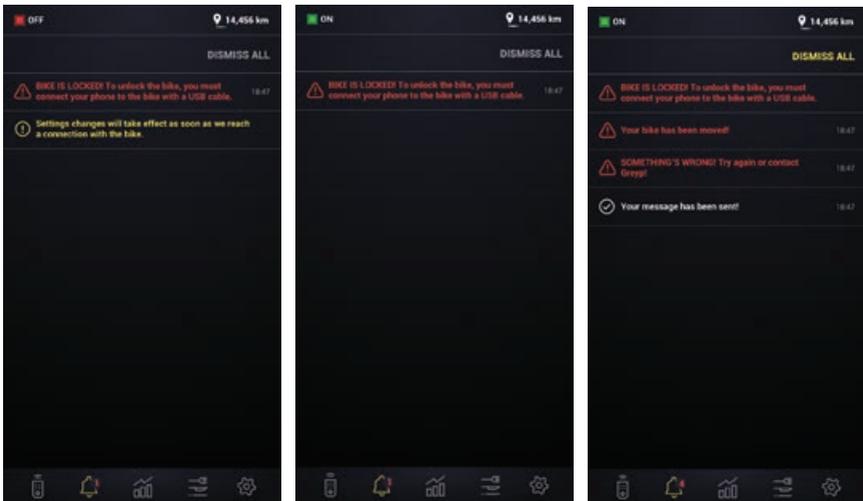
Disable the bike remotely so whoever is using it thinks it is turned off. Anybody using your bike will be presented with a message that the bike is disabled and to return it to the owner

To enable the bike again, just plug your mobile phone into the USB and wait for the bike and mobile to do their stuff

TURN OFF BIKE

If your bike is turned on or in standby mode, you can turn it off remotely

NOTIFICATIONS SECTION



The section of the application that allows you to review all notifications provided by the system. **Notifications are visible until dismissed.**

NOTE



Dismissible notification can be dismissed by pushing the joystick while using the bike with or without a phone.

Types of messages available on STEM display and in Mob app



INFO MESSAGES: White colour



WARNING MESSAGES: Yellow colour



ALERT MESSAGES: Red colour



ACTIVITY SECTION

In this section, you have an overview of your current data aggregated by your rides on the bike.

Every time you reset your ride, session data is aggregated in our cloud and presented to you so you can track your activity.

The first section shows the following data

- » Total distance, Total duration, Total calories, Total number
- » of ride sessions, Total number of fitness sessions

By selecting all stats, you can see the aggregated data and filter data by

- » week, month, year, All time

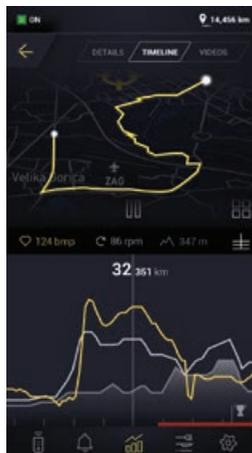
The ride session show

- » Last ride session distance, Last duration of ride sessions, Average cadence during the last ride session, Number of videos recorded during the last ride session

The fitness session section gives you insight into

- » Number of videos recorded during the last fitness session, Calories burnt during the last fitness session, Average heart rate during the last fitness session, Total duration of the last fitness session

The video section shows you all the videos recorded via the camera in dashboard mode. The last video is presented in this section or you can see all the videos by clicking on My Gallery.



Ride/Fitness session

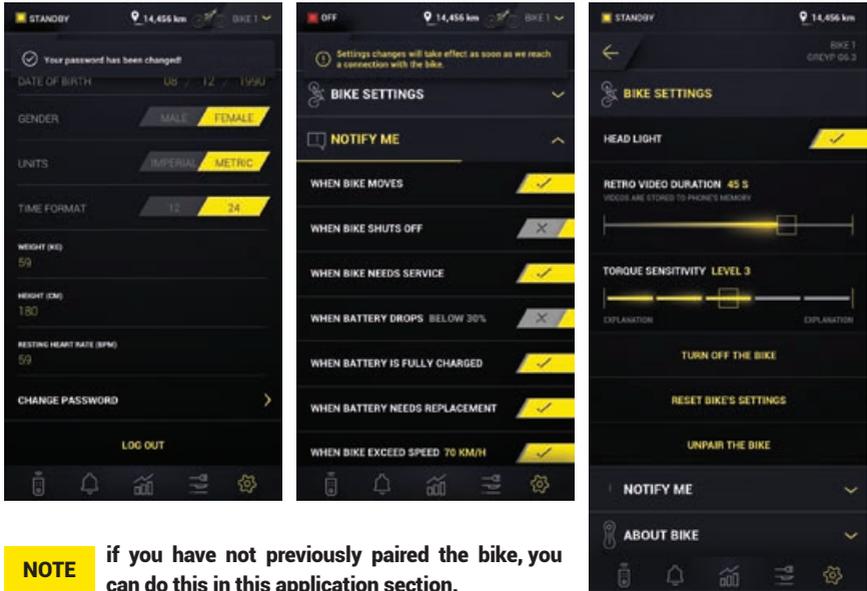
You can preview details of the last session by selecting the details under each section, or see data from past sessions by selecting "All My Ride/Fitness Sessions".

When the session is selected, you will be presented with a map and a timeline showing your ride on the map and data generated during that trip.

SETTINGS SECTION

Allows you to view personal information and info related to the bike.

View allows you to view and adjust: 1. Personal settings, 2. Bike settings



NOTE if you have not previously paired the bike, you can do this in this application section.

1. PERSONAL SETTINGS

Allows you to update the information you previously entered during account creation. Also, you can log out of the app.

2. THE BIKE SETTINGS HAVE THREE OPTIONS:

» *Bike settings, Notify me, About bike*

In the bike section, you can control the bike headlights, retro video duration, set bike torque sensitivity, turn the bike off, reset the bike settings and unpair the bike.

In the Notify Me section, a toggle button allows you to change a setting and get notifications

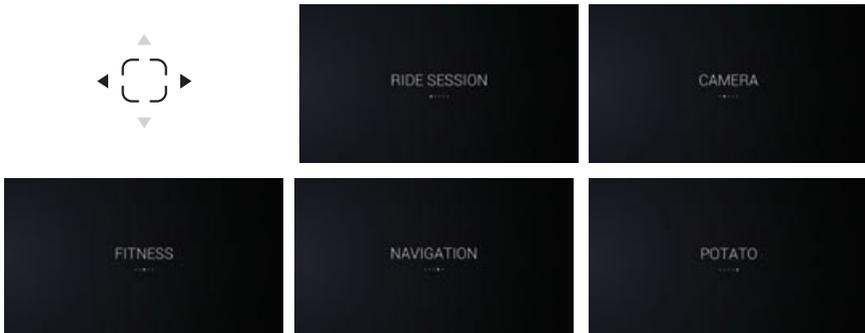
» *when the bike moves, when the bike shuts off for any reason, when the bike needs servicing, when an error in the system is detected, when the battery SOC drops below N%, when the battery is fully charged → Battery was charging on the bike and is now fully charged, when the battery needs replacement, when bike exceeds N% speed → During driving, the bike has exceeded a certain speed*

The third section is About the bike. This presents simple information about the bike, motor and battery.

3

Dashboard

In order to use the application during the bike ride, it is important to have your mobile connected to the CIM (Central Intelligence Module).



The dashboard has five sections. You navigate through the screens with the CBC, using the joystick:

Ride session, Fitness session, Camera (a joystick button that can be activated regardless of which section you are in), Potato and Navigation.



The right side of the screen is the same in all sections and displays the following measurements:

Bike state, SpeedM TimeM SOC (state of charge) + Battery barM RangeM Compass/Cadence (Section) – depending on the application section (one or the other)M Assistance level

Every bike ride is an experience we care about.

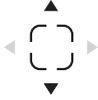
Use of the bike is simplified and many things happen automatically. One of them is a ride session. There are two options:

AUTOMATICALLY

The ride session is automatically run every time a user rides a bike. End of ride and pause take place under predefined criteria.

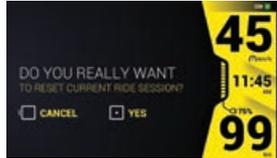
MANUAL

The user can finish the ride session manually by long pressing the joystick



The user can get additional information by using the CBC, **pushing the joystick up/down**

Additional information:



FITNESS SESSION

In its standard bike equipment, the Greyp G6 bike has a heart rate monitor. This can be used during a bike ride.

Using the heart rate monitor is simple and involves the following:

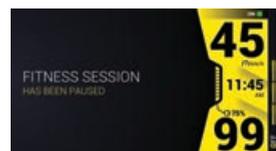
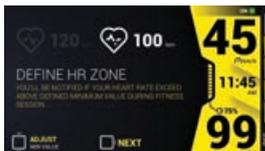
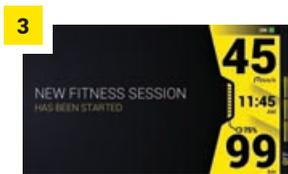
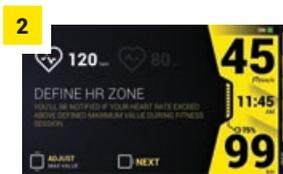


1 turn the heart rate monitor on; the light must be green connecting the monitor with the bike is automatically

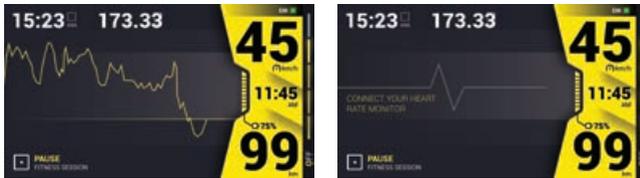
2 open the fitness section in Dashboard mode

choose a heart rate zone (it is easy to choose a zone; you have two yellow spots on the screen - just put your finger on the spot and drag it up or down depending which zone you want to adjust

3 with the CBC joystick, you can switch on / pause / end the fitness session



If pairing the bike with the heart rate monitor is set correctly, you will see your heart beat on the display. If the pairing is not set correctly, you will get a notification to repeat the pairing process.



Heart rate options:

If the heart rate is being sent by the bike sensor, the bike will automatically adjust the assistance level. In this case, you will get a notification on the display.

If you pause the fitness session, we'll keep the current session's data. On ending the current fitness session, you will see all the details, graphic timelines and data related to it.

Each fitness session is saved in the application under Activity in remote control mode.

CAMERA

Usage of the cameras is only available in camera mode. One camera, a 1080@30fps wide-angle one, is positioned on the cockpit beneath the dashboard and the second rearward facing camera is beneath the saddle.

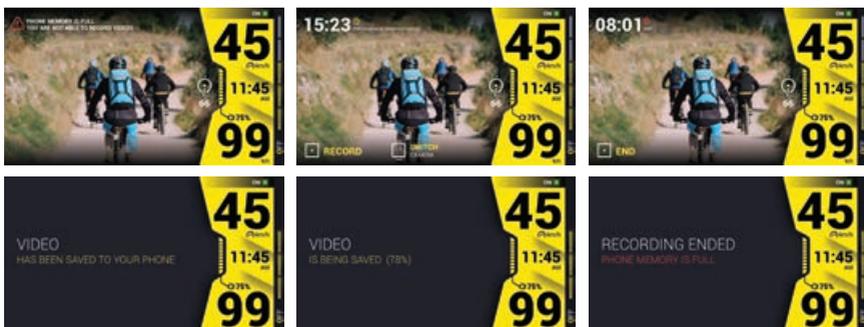
The camera options are:

- » you can use and switch cameras during the ride
- » start or end the usage of the cameras using the CBC joystick.
- » you will be notified about the memory status on your mobile phone.

All data from the cameras is automatically saved on your mobile device.

NOTE

Do not use rear camera view as rear mirror because picture is flipped.



RETRO VIDEO

This system allows you to do a video stream on both cameras lasting 12 minutes. The recording is in a loop.

The bike user can access the videos at any time.



There is a button on the CBC joystick that launches the action retro video. It can also be started from any DASHBOARD section.

NOTE

The user can previously determine the duration of the video in Settings / Bike settings.

POTATO

This feature allows the calculation of the range for the user depending on topographical data /360°. It is created for off-road riding.



Options:

- » *current bike position*
- » *change view topography/satellite*
- » *choose destinations*
- » *calculation potato/range (360°) and vertical profile*
- » *displaying notification data: max range, height, return possible, no return, out of range*
- » *the refresh rate for the potato and vertical profile is every 20 seconds.*
- » *measurements of range change based on the assistance level.*

NAVIGATION

You can start/end navigation on the bike using the CBC joystick. The current location is always available on the map and navigation offers the following:

- » *select / Choose Destination*
- » *when the user starts typing the address, a drop-down list of returned address results should be displayed*
- » *tap on the map to set the destination*



View

- » *zoom in/out (pinch 2 or more fingers together or apart to adjust zoom)*
- » *standard/satellite by using Joystick UP/DOWN*

Ride info

- » *junction direction*
- » *distance to the next junction*
- » *trip time*
- » *trip distance*

NOTE

with unplugging the USB, the navigation will run in the background for an additional 120 seconds. If the user doesn't plug in the USB within 120 seconds, the navigation session ends.

4

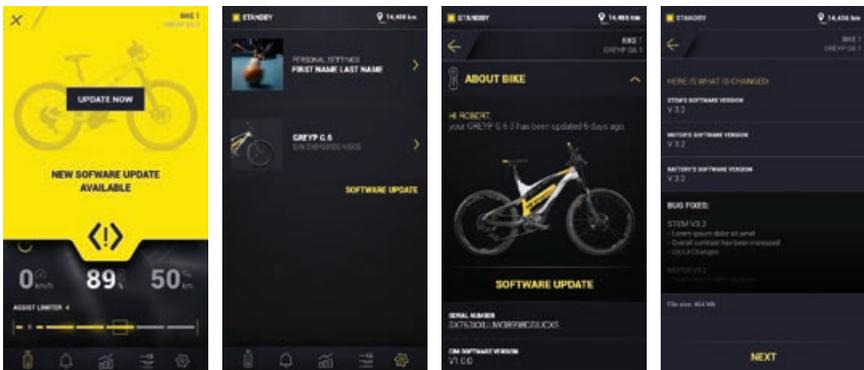
Software update

Software Update is a free service for all Greyp users who want to keep their application up-to-date with new functions and better performance using OTA (Over-the-Air).

It's a very efficient way to upgrade software, fix bugs, update or change interface etc. wirelessly for mobile phones and bike components.

How to check for software updates on your Android device

- » expect to get a push notification on your mobile phone
- » head into your Greyp mobile app
- » within "Settings" choose "About bike" and select software update.
- » bike software update will guide you throughout the steps



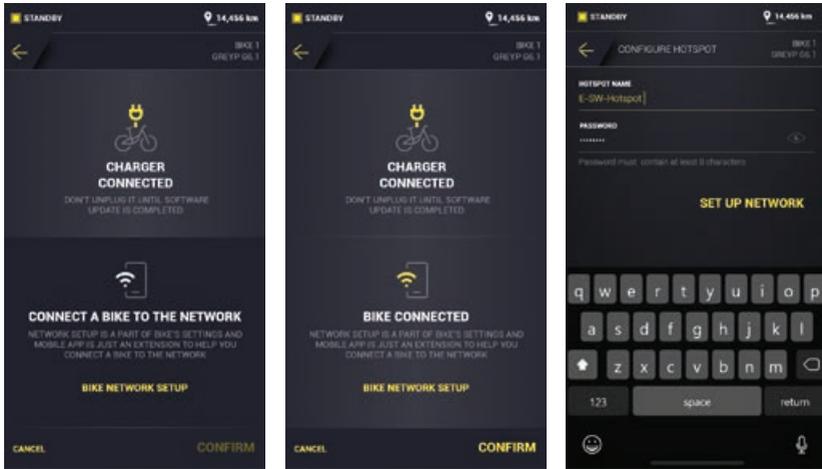
You will find all the necessary information about the update and get a link to update your software to the latest version.

Before you start a software update, there is something you need to do in order to get started.

- » connect the bike to the charger
- » connect the bike to network

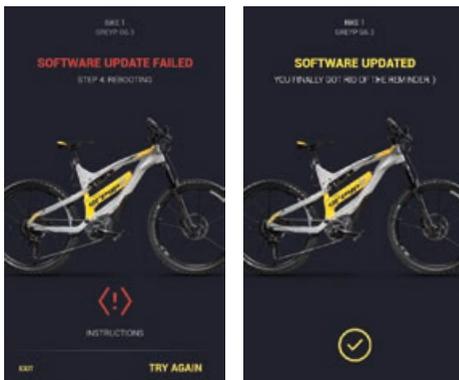
Once all these conditions are met, the bike will confirm and enable the next step.

If the network hasn't been set up earlier, if the login credentials have been changed or if you want to choose a different access point, please do so now, otherwise you won't be able to proceed.



Once you start the software update, you'll be guided through the steps needed to achieve it.

If everything goes as expected, you'll get a notification as shown below. Otherwise, you'll be instructed what to do. Please proceed accordingly.



SINCE WE ARE CONSTANTLY WORKING
ON IMPROVING USER EXPERIENCE, YOU CAN
EXPECT FREQUENTLY MOBILE APP UPDATES.
YOU CAN FIND THE LATEST VERSION OF
THE MANUAL ON OUR WEBSITE

WWW.GREYP.COM



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GREYP 