BIKE USER MANUAL

ENGLISH

G6·X

READ BEFORE YOUR FIRST RIDE

BIKE
USER MANUAL

ENGLISH

LATEST UPDATE:
DECEMBER 2022

Contents

1

Introduction

This user instruction manual is developed for your Greyp G6.X 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. In case of discrepancy, the English version shall prevail.*

Disclaimer

Any modifications of the bike are strictly forbidden and will bear no liability whatsoever for the consequences of such modifications. Porsche eBike Performance 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 Porsche eBike Performance 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 Porsche eBike Performance d.o.o., and Porsche eBike Performance 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.

Porsche eBike Performance d.o.o.,
Ljubljanska 7, 10431 Sveta Nedelja, Croatia,
December 7th, 2022.

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 User 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 User 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. Porsche eBike Performance 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** - *G6.X is an off-road vehicle and should not be ridden on public roads.*

G6.X 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 bike. This User Manual is not intended as a service and repair manual.

The Greyp G6.X is classified as a pedelec. The G6.X 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: 45km/h (28mph) for the G6.X. 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 bike, please inform yourself of all applicable legal requirements and regulations in your country or state. There may be restrictions on riding your Greyp bike 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.X bikes have a fixed pre-set speed limit at which the motor support will automatically shut off. Tempering to interfere with the bike in order to cause damage or make unauthorized alterations (excluding the exchange of sprocket with non-original parts) Any (attempted) tampering with the power output and/or system (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. In case of tampering we recommend that you stop using the bike and call an authorized Greyp retailer.

Safety information

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

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 stress. 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 exceed- ed 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 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 a Greyp bike can cause damage, injury and/or death. Please make sure you learn how to operate your Greyp bike in a safe and responsible way.

The Greyp G6.X is intended to transport only one person at a time. If you allow somebody else to use your Greyp bike, 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 your bike. 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 in 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 partner for all service, repairs or maintenance.

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

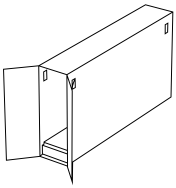
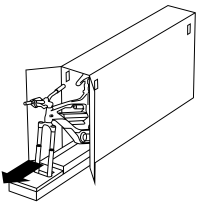
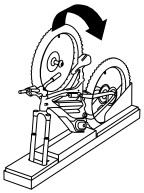
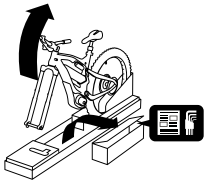
WARNING — Always keep your stem and fork aligned. Do not rotate stem relative to fork. There is possibility of cutting electric and brake cable/hoses which can cause serious injury and/or death. Please check braking cables/hoses before every ride.

Total weight of Greyp G6.X is 24.5kg [54 lb]

WHEEL MODEL	***THE PERMISSIBLE TOTAL PAYLOAD (DRIVER + LUGGAGE)***	***MAXIMUM PERMISSIBLE TOTAL WEIGHT (VEHICLE + DRIVER + LUGGAGE)***
BIKE AHEAD COMPOSITES - BITURBO E	90kg [199 lb]	115kg [255.5 lb]
XENTIS - KAPPA X BOOST	115kg [255.5 lb]	140kg [309 lb]

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

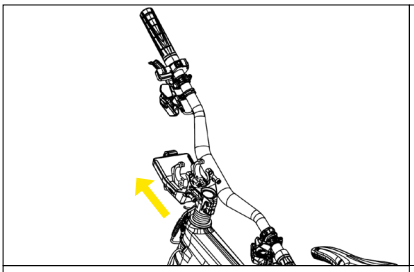
Out of box assembly

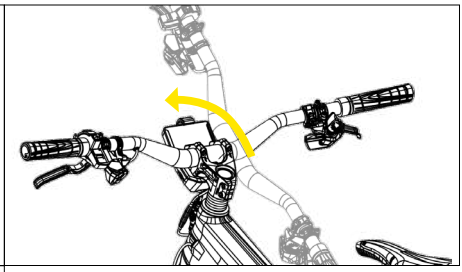
1 OPEN BOX	2 BIKE OUT	3 FRONT WHEEL	4 TOOL BOX
			
open the marked side of the box	pull out the bike holding the fork	Take out the front wheel	lift the bike to access the toolbox

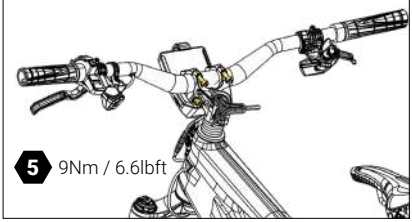
READ THE USER MANUAL

If you don't have the knowledge or ability to assembly the Greyp yourself, please consult a professional mechanic.

5 HANDLEBAR POSITIONING





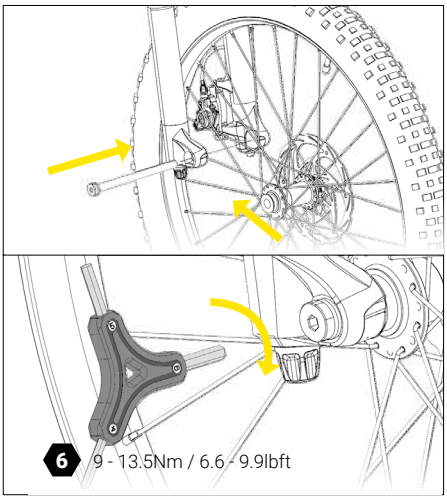


1. Unscrew the stem

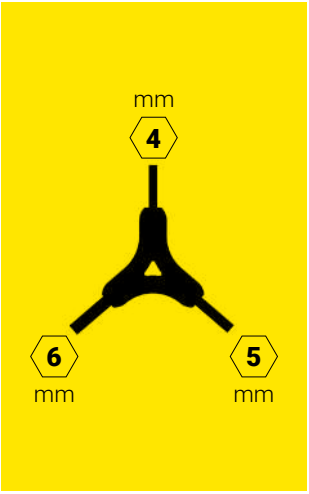
2. Rotate the handlebar to its natural position (≈90° to the frame, "centered ").

3. Using the tool (three-arm hex key number 5), **lightly tight the two lower bolts** on the stem and than the upper ones.

6 FRONT WHEEL MOUNTING



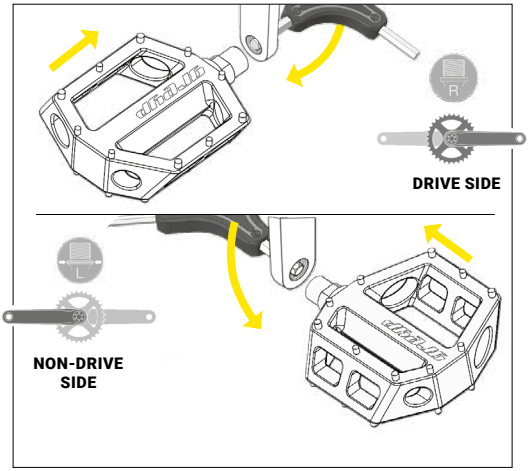
TOOLS



1. Guide your **wheel into the fork** and guide the rotor between the brake pads.

2. Tighten the axle - line up your hub with the holes at the bottom of your fork. Look to see which side of the fork is threaded and push the axle in from the opposite side. Turn the three-arm hex key number 6 clockwise to thread the axle into the fork.

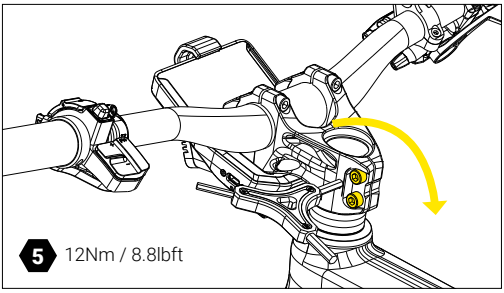
7 PEDALS MOUNTING



1. Take the pedals out of box, **grease the thread and tighten** them using the tool (three-arm hex key number 6) (see picture above).

2. Pay attention to the **direction of rotation** while tightening. The thread on the right pedal is right-handed (standard). The direction of rotation for tightening is anti-clockwise. The thread on the left pedal is left-handed so the direction of rotation for tightening is clockwise.

8 HANDLEBAR MOUNT



1. Slightly **loosen the 2 bolts on stem.**

2. Center and tighten the 2 bolts on stem. The easiest way to get everything "centered" is to stand in front of your bike and hold the front wheel between your feet and legs. Tighten the top cap (headset bolt) to 6Nm using (three-arm hex key number 5).

9 CHECK

Grab the front brake and use the bars to push/jolt the bike forward. If you feel that the headset is loose (a clink sound, or any movement other than the rear wheel coming off the ground), tighten the top cap but be careful how much you tighten it (three-arm hex key number 5). The top cap bolt will determine how loose or tight your headset is, so it plays a major role in the steering and feel of your bike. Tighten the bolt a little at a time and between each turn.

Once the looseness in the headset is gone, it should be tight enough. **Give the handlebar a turn to the left** and right to make sure they still move smoothly. If the movement is tight, you've gone too far. Back the stem cap off a quarter to half a turn and try again. Once there is no looseness in the headset and the handlebar is smoothly turning, you need to take the tool (three-arm hex key number 5) and tighten the two bolts on the stem (see picture).

Flip your bike over and spin your wheel: by spinning your wheel, you will make sure your brake pads are not rubbing on the rotor. If your wheel does not spin, it could be crooked in the fork's dropouts. Flip your bike back, loosen your axle, push down on the wheel and tighten the axle again.

2

General notes about riding

The G6.X motor provides pedal assistance while you are pedalling, and the bike 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 Greyp G6.X 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 Greyp G6.X 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;*
- *Check the tire pressure;*
- *Check the tires for excessive wear, cracking or gashes;*
- *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 conditions. In off-road conditions there may be less friction between the tires and the 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

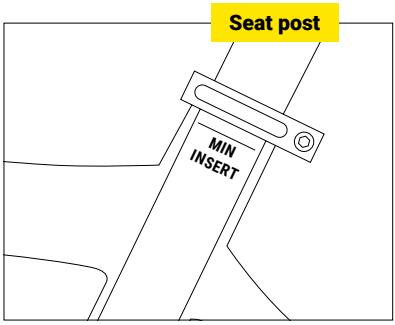
Greyp bikes are only designed and tested for use by one person at a time. Greyp bikes are not intended for children under 16 years. Do not allow children under 16 years to drive a Greyp bike.

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.X 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.sram.com**). A telescopic seat post allows the saddle height to be adjusted by operating a button underneath the saddle or a remote control on the handlebars, both at a standstill and while ridding.



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

Check battery levels before and after each use, and charge or replace batteries as needed. If either battery is depleted during use, the seatpost will remain in the position it is in until the battery is replaced.

To lower the seatpost, push and hold the controller paddle and use your body weight to compress the seatpost. To raise the seatpost, unweight the saddle, then push and release the controller paddle.

Seatpost position can be fixed to any point in its travel by releasing the controller paddle when the seatpost is at the preferred height.

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 bike and can cause injuries. Brakes are essential for the safe use of a bike - an 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 Magura brakes on **www.magura.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

Compression damping controls the energy absorption when the shock absorber is being compressed, thus controls how easily the shock absorber compresses when you hit a bump. Rebound damping controls the energy absorption when the shock absorber is being extended and controls how fast the shock absorber returns to its normal position after being compressed.

Sag set up

Suspension sag can be used to set the proper suspension spring rate for the rider. Sag is the amount (percentage) that the suspension compresses when the rider, including riding gear, is seated on the bike 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.X is using Öhlins TTX Air 230x65 AM.

Make sure the high speed adjuster is in position 1 or 2 while setting the sag. Setting the sag in position P will result in a wrong set up.

Beginning with the shock fully deflated, use a shock absorber pump to fill up the shock absorber. Start with 170 PSI. Always remove the shock absorber pump before cycling the shock otherwise there is a risk that the pump damages the frame or the shock absorber.

Cycle the shock a couple of times to even out the pressure between the air chambers.

Set the O-ring (sag indicator) at the position closest to the air sleeve. Dressed in full riding gear assume normal riding position on the bicycle. Step off the bicycle and measure the distance the O-ring (sag indicator) has moved.

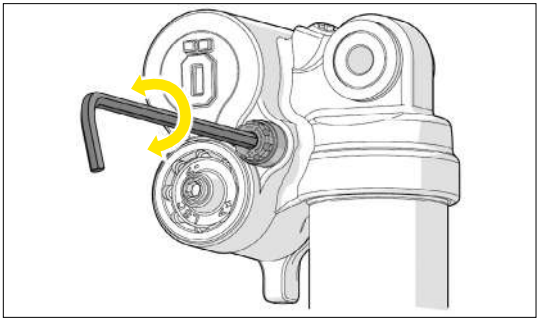
GENERAL RECOMMENDATIONS:

• too little sag: release air
• too much sag: fill up with more air

Recommended sag is 25-35% of the stroke. Greyp G6.X has 65mm stroke which means 16 - 23 mm.

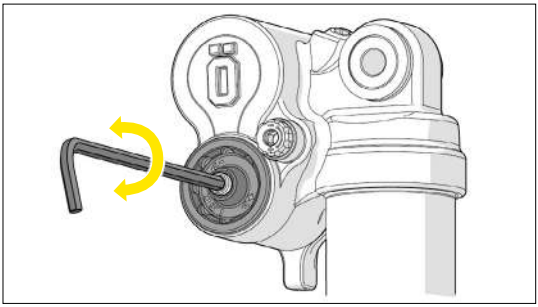
Adjusting rebound

Turn the adjuster placed in the center of the gold colored nut on the side of the cylinder head. Turn clockwise to increase damping, turn counter clockwise to decrease.

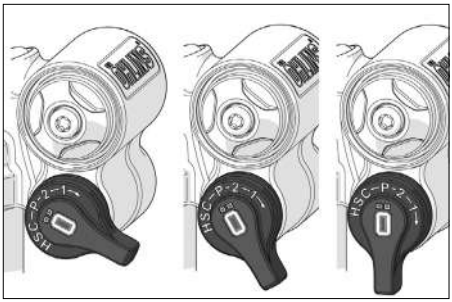


Adjusting the low speed compression

To adjust, turn the adjuster placed in the center of the blue colored part on the side of the cylinder head. Turn clockwise to increase damping, turn counter clockwise to decrease.



Adjusting the high speed compression



To adjust, turn the black coloured adjuster on the side of the cylinder head.

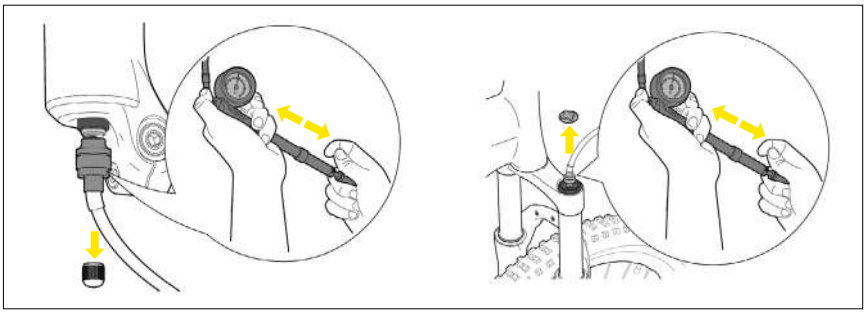
POSITION:

1 Soft, **2** Medium, **P** Pedaling platform

You can find more info about Ohlins rear suspensions at **www.ohlins.com.**

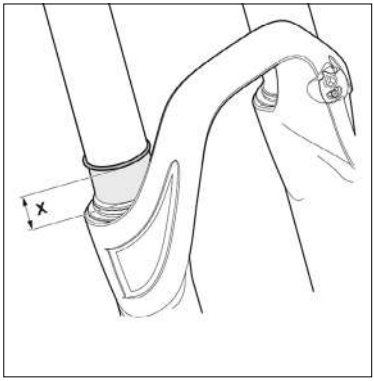
Front suspension

Setting the sag is a crucial part of setting up your bicycle since it affects the height of the bicycle and the fork angle. In the following chapter we will describe how to set the sag. This procedure must be performed on a flat surface. Do not jump or bounce on your bicycle as it will result in an inaccurate sag measurement.



Setting the sag

Unscrew the cap of the lower valve (ramp up chamber) and assemble the air pressure pump. Pump to desired pressure. Disconnect the pump and put the cap back on. 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.



Unscrew the top air cap (Main chamber) and assemble the air pump. Pump to desired pressure.

Disassemble the air pump and reinsert the compression air cap.

Set the O-ring (sag indicator) at the bottom of the fork stanchions. Dressed in full riding gear assume normal riding position on the bicycle. Step off the bicycle and measure the distance the O-ring (sag indicator) has moved. Sag should be set to approximately 10-15 % of the fork travel.

GENERAL RECOMMENDATIONS:

- too little sag: release air from main chamber
- too much sag: fill up with more air in main chamber

For additional information, visit **www.ohlins.com.**

Shock pressure chart

Check the values on your front fork. If the values there and in this manual differ, use the values from the fork. Greyp G6.X is using an Öhlins MTB RXF36 Air fork.

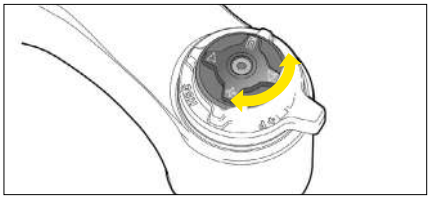
FRONT FORK – AIR SPRING PRESSURE

RIDER WEIGHT	MAIN CHAMBER	RAMP UP CHAMBER
50-60 kg (110-132 lbs)	80-90 psi	160-170 psi
60-70 kg (132-154 lbs)	90-100 psi	170-180 psi
70-80 kg (154-176 lbs)	100-110 psi	180-190 psi
80-90 kg (176-198 lbs)	110-120 psi	190-200 psi
90-100 kg (198-220 lbs)	120-130 psi	200-210 psi
100-110 kg (220-243 lbs)	130-140 psi	210-220 psi
110-120 kg (243-265 lbs)	140-150 psi	220-230 psi

Compression damping controls the energy absorption when the front fork is being compressed, thus controls how easily the front fork compresses when you hit a bump. Rebound damping controlling the energy absorption when the front fork is being extended and controls how fast the front fork returns to its normal position after being compressed.

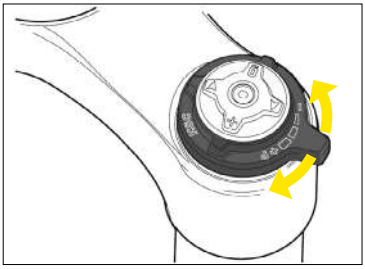
Adjusting low speed compression

To adjust, turn the blue coloured adjuster on the top of the TTX cartridge. Turn clockwise to increase damping, turn counter clockwise to decrease.



Adjusting high speed compression

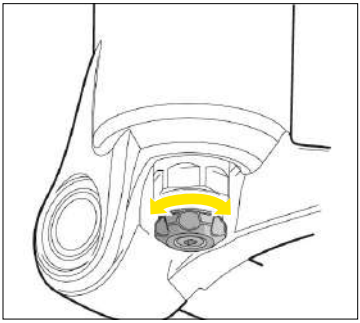
To adjust, turn the black adjuster on the top of the TTX cartridge. Turn clockwise to increase damping, turn counterclockwise to decrease. For additional platform control, turn to fully closed (position 0 [zero]).



FORK MANUAL STR. 7/16

Adjusting rebound

Turn the gold adjuster on the end eye/ bracket. Turn clockwise to increase damping, turn counter clockwise to decrease damping.



Recommended tire pressure

Tire pressure is an important factor for riding your bike properly. If the tire pressure is too high, the tire will not conform to the ground, reducing traction. 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 the ideal tire pressure for the ride is found.

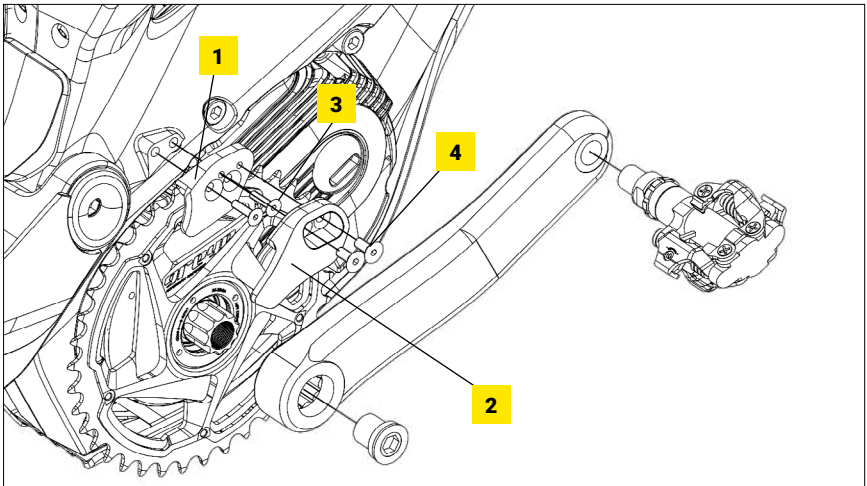
The maximum inflation pressure is 2.6bar (38psi) for the rear tire and 3.0bar (45 psi) for the front tire.

WARNING — If the maximum pressure values in this manual and values on the side wall of a tire are in any way different, please refer to the ones that are marked on the tire's sidewall or wheel (which ever is lowest). 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/or bystanders.

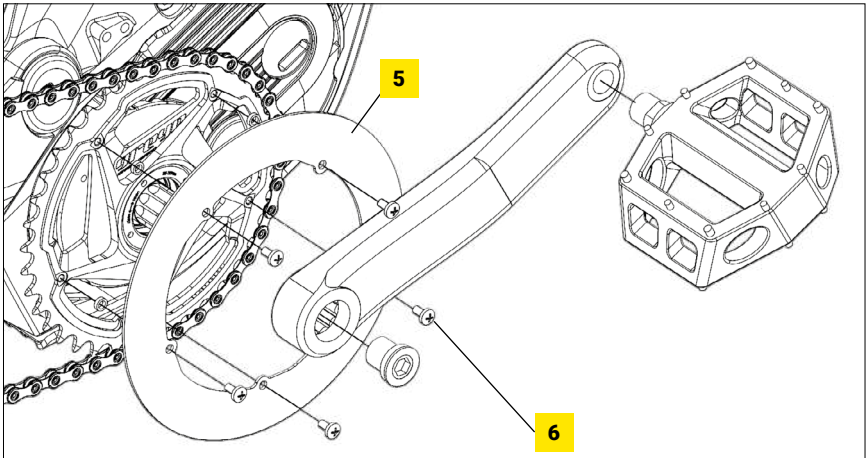
You can find the minimum recommended tire pressure on the tire side wall. Never inflate the tire below the minimum recommended tire pressure. If tire pressure is too low, the tire could pinch flat and be difficult to handle and can cause loss of control.

Assembling parts supplied unassembled

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



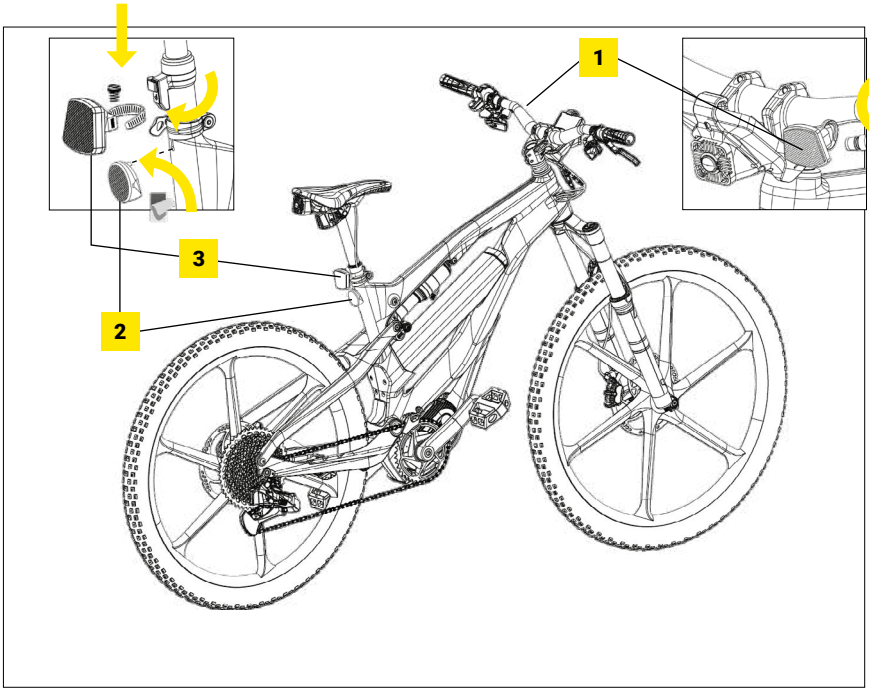
Chainguide – use only with positive foot-retention devices on the pedals



Chainguard

CHAINGUIDE OR CHAINGUARD MOUNT

	NAME/DESCRIPTION	TORQUE, Nm [lb ft]
1	CHAINGUIDE ALUMINUM 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

3

Battery and charger

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

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

Before riding your 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 electric shock, fire or malfunction.

Be careful when handling the battery and do not drop it. Keep the battery out of reach of children and animals.

Battery technical data

GREYP G6.X BATTERY PACK INFORMATION	
MANUFACTURER:	PORSCHE EBIKE PERFORMANCE D.O.O.
MODEL/TYPE REFERENCE:	G6-02
WEIGHT:	3.5 Kg
BATTERY / TYPE / DESIGNATION:	10INR19/66-6
CELL CONFIGURATION:	10S6P
CAPACITY (Ah):	19.3 Ah
ENERGY (Wh):	700 Wh

GREYP G6.X 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 CHRG 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 bike and will void your warranty, but most importantly, may result in fire, chemical burn, electrolyte leak and/or 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 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.

When storing, transporting, or cleaning the bike and/or battery, always use the plastic connector caps supplied.

Lithium-ion batteries are extremely sensitive to high temperatures and are inherently flammable. Lithium-ion battery packs tend to degrade much faster than they normally would due to heat. If an event causes the battery to ignite, use a Class – D fire extinguisher only (do not use water), do not inhale smoke and immediately call the fire department.

If a lithium-ion battery pack fails, it will burst into flames and can cause explosion and widespread damage. When ignited lithium-ion batteries fire spreads quickly and burns in intense heat. Smoke from lithium-ion battery fire is toxic.

Store the battery in a cool, dry, safe and isolated area away from any flammable objects.

The charging of a lithium-ion battery should always take place in a safe and isolated area away from any flammable objects and under supervision. When the battery is full, immediately disconnect it from the charger. Leaving the battery on a charger can cause it to fail. Do not leave a full battery on a charger.

Never charge the battery near flammable materials or objects. Also, do not charge the battery in places where high temperatures or sunlight are to be expected. Since heat is generated by the charging process itself, you should never cover the battery while charging.

Before you plug in the battery or charger, always check the battery connector, bike charging socket and charger connector for any damage or foreign objects. In case of any damage do not connect the battery or battery charger and please contact your authorized Greyp retailer. In case of a foreign object please safely remove it with non-conductive material before you connect the battery to your Greyp bike.

Do not leave a full or an empty battery for any period of time. Leaving a battery full can cause internal damage of the battery which than can burst into flames and can cause widespread damage. Keep the battery away from metal objects or any conductive material, as they can cause a short-circuit.

Do not allow the battery to overheat. Do not leave the battery exposed to a heat source or in a high-temperature location, ie in the sun in an unattended vehicle. To prevent the possibility of damage, store the battery out of direct sunlight. Do not expose the battery to fire, radiator heat, explosion or other hazards.

When storing, transporting, or cleaning the bike and/or battery, always use the plastic connector caps supplied.

Do not immerse the battery in water. Do not spray the battery, charger or the connectors with water. If you notice water may have got into the battery, slowly move the battery to a fire safe, isolated area away from anything flammable, and contact Greyp or an authorized bike dealer.

In the event of an inadequate connection between the charger connectors and the battery connector or charging socket there could be functional problems and it is a potentially hazardous situation. In this case you should disconnect the charger connector and the battery and check what caused the 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. Slowly move the battery to a fire safe, isolated area away from anything flammable, and contact Greyp or an authorized bike dealer. 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.

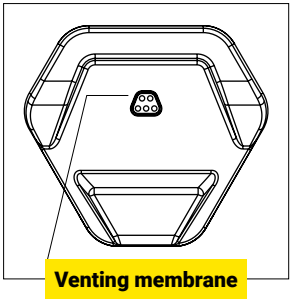
The battery is heavy. Be careful when handling it and do not drop it. If any excessive outside force (ie: dropping the battery, hitting the battery with a hard object) happens, immediately take the battery to a fire safe location and contact Greyp or an authorized bike dealer, as this can cause an internal short circuit - which can cause a runaway thermal event and cause the battery to catch fire. If you see/observe anything unusual on the battery (ie: rupture of the battery or tubing, smoke, smell, swelling, noise, heat) immediately turn off the bike, unplug the bike or the battery from the power source (if connected) and slowly move the bike/battery to a fire safe, isolated area away from anything flammable, and contact Greyp or an authorized bike dealer. If you can do it, safely remove the battery from the bike. Use fire protective gloves to avoid touching the battery with your bare skin.

Do not connect the battery connector, bike charging socket or the charger connector if it is wet. You can use a dry cloth to dry the 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 an appropriate Greyp charger.

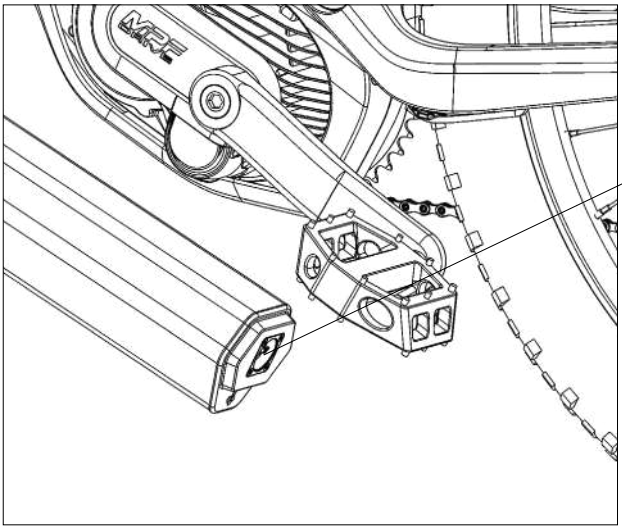
The battery can be charged whether it is installed in the bike or not. Refer to the appropriate instructions regarding removing and installing the battery. Only charge the battery at an ambient temperature between 0°C and 40°C (32°F and 104°F). If the outside temperatures are too hot or too cold, charge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

Do not cover the venting membrane at any time. Covering the venting membrane can lead to the battery overheating - which can cause a runaway thermal event and cause the battery to catch fire.

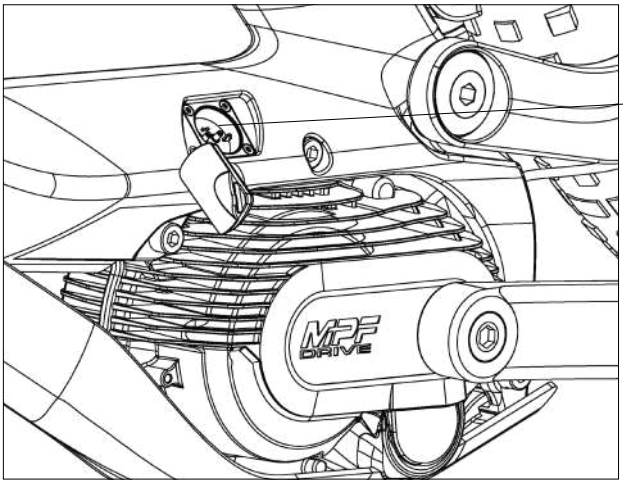
Do not insert anything in the venting membrane openings on the battery lid. If dirt is stuck in the venting membrane openings, use a soft brush to clean it. If you notice any punctures on the venting membrane, immediately stop using the battery and contact Greyp or an authorized bike dealer.



ON BATTERY



ON BIKE



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

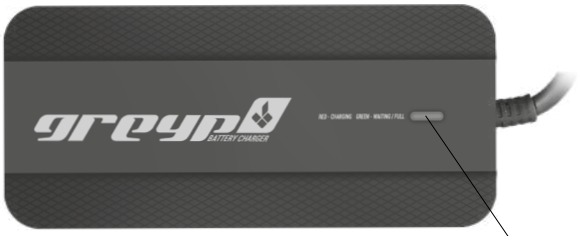
Uncover the charging socket on the bike, then connect the charger to the charging socket on the bike. It is possible to charge the battery when removed from the bike. In that case, plug the charger into the battery socket.

During the charging process, the LED indicator will glow red. When the battery is fully charged, the LED indicator 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 the input voltage of the charger is in range of the power grid voltage you plan to use.

CAUTION: If the red LED indicator is flashing 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.



CHARGER 1

Model: BC222360040

Input: 100-240 V AC, 2.5 A (max), 50/60 Hz

Output (max): 42 V DC, 4 A

CHARGER2 (EU ONLY)

Model: STC-8150LC

Input: 220-240 V AC, 50/60 Hz, 180 W

Output (nom): 36 V DC, 4 A

Battery life

The bike should be stored in dry conditions. If you plan to store the battery for a period longer than a few weeks, please make sure that the SoC (State of Charge) is between 30% and 60%. 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 your Greyp bike has been used properly, approximately 80% of the battery's original capacity should remain after 500 charging cycles or two years.

Recharging the battery takes approximately 5 hours. It is recommended that you don't wait for the battery to completely empty before recharging. Do not leave a full or empty battery for a longer period of time, as this will reduce the 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 a full battery, we recommend that you charge the battery up to 80% of SoC instead of 100%. This way you will keep a better battery life.

The worst thing you can do is to leave a completely empty battery uncharged or a completely full battery for a longer period of time. This could lead to a reduced battery life, fire or permanent damage to the battery pack.

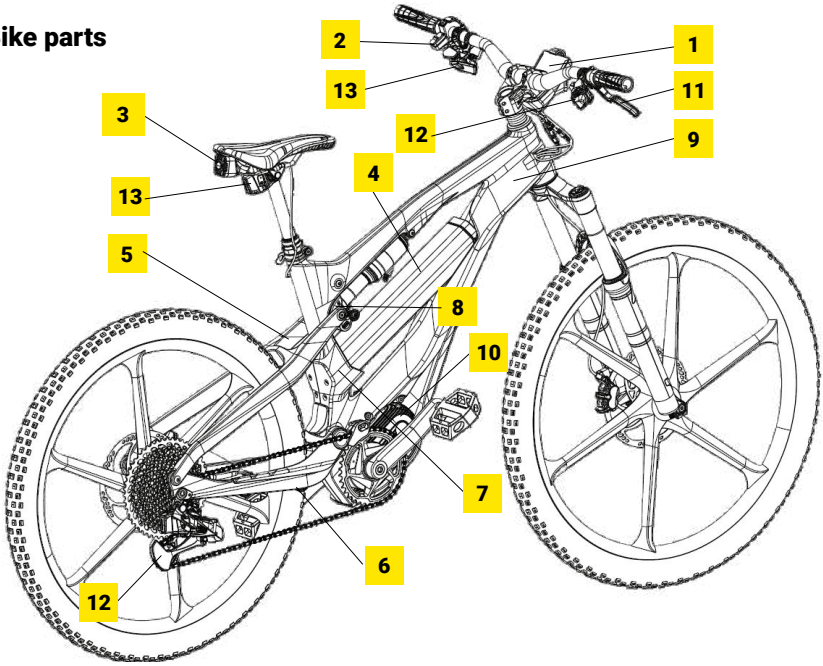
If the battery hasn't been used for 16 days consecutively, it will automatically lower the SoC (State of Charge) to 60%, to reach optimal storage conditions. The Self-discharge Procedure will be performed even if you leave the battery on a charger for longer than 16 days. If the battery SoC gets below 60%, it will automatically shut down.

Make sure to always power OFF the bike when you finish using it. If you are not using the bike for a longer time, check the battery SoC a day before the planned ride.

4

System functions

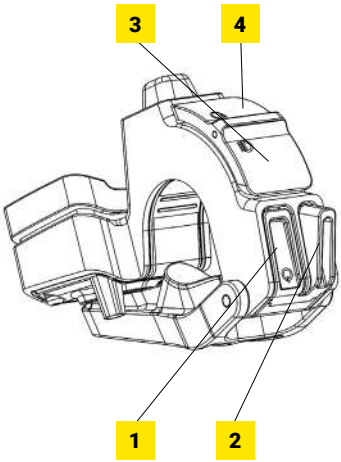
Bike parts

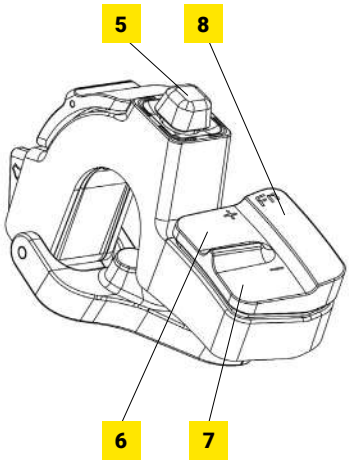


BIKE PARTS

NAME/DESCRIPTION	
1	DISPLAY UNIT (CIM)
2	CONTROL UNIT (CBC)
3	REAR CAMERA (BUTS)
4	BATTERY
5	SEATSTAY
6	CHAINSTAY
7	PUSHPLATE
8	RATIO LEVER
9	FRAME
10	MOTOR
11	MAGURA MCi
12	SRAM - AXS SHIFTER
13	SRAM - AXS SEATPOST

Control unit functions

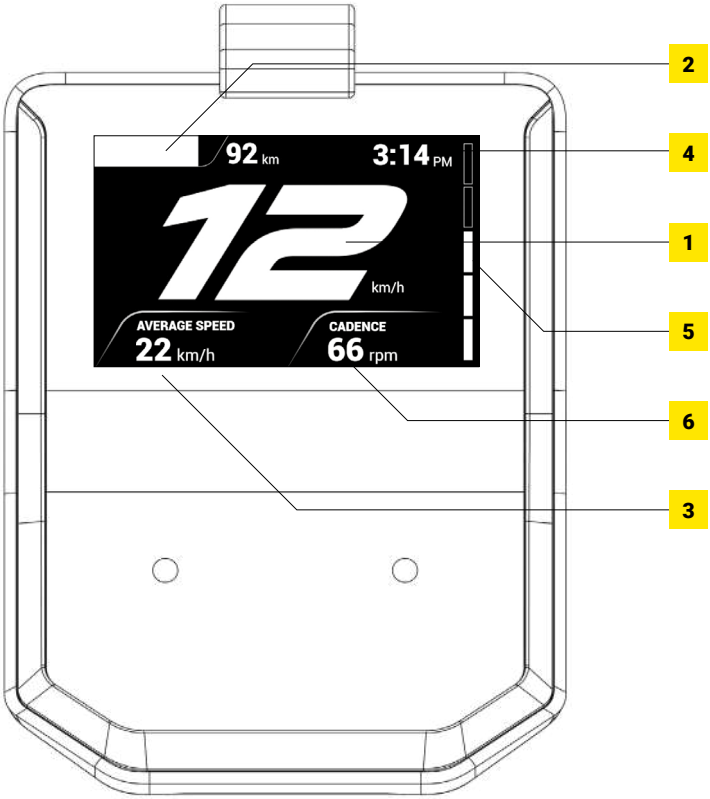




LEGEND

	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	Fn	VARIOUS FUNCTIONALITIES (SEE NEXT PAGES)	

Display unit information

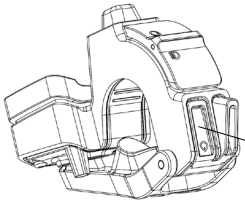


CIM DISPLAY INTERFACE

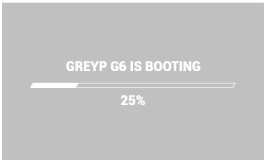
	NAME/DESCRIPTION
1	SPEED
2	BATTERY CHARGE / REMAINING DISTANCE
3	RIDE STATISTICS
4	TIME
5	ASSISTANCE LEVEL
6	CADENCE

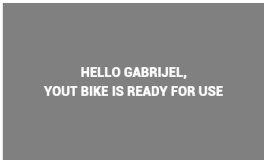
Power on

To turn the bike on, long press the power button



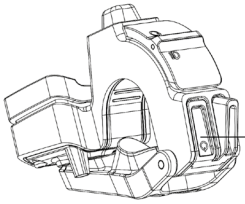
Long press



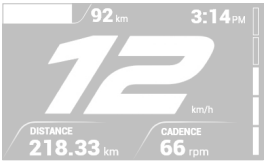


Stand by mode on

To place your bike in standby mode, short press the power button

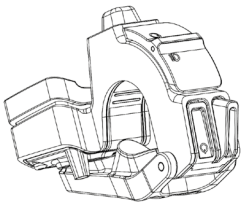


Short press



Stand by mode off

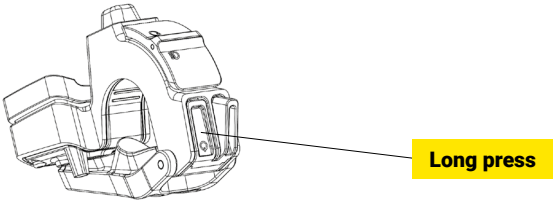
To wake the bike up from stand-by mode, press any button on the control unit or move the bike

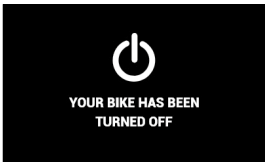


Press any button

Power off

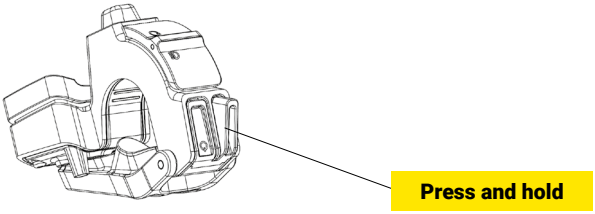
To turn the bike off, long press the power button





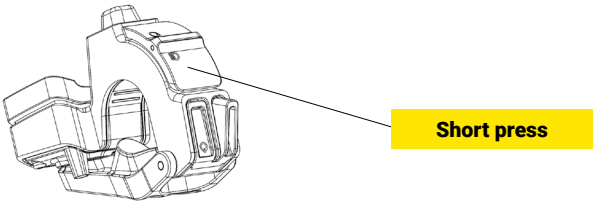
Walk assist mode

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



Lights on/off

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



Joystick

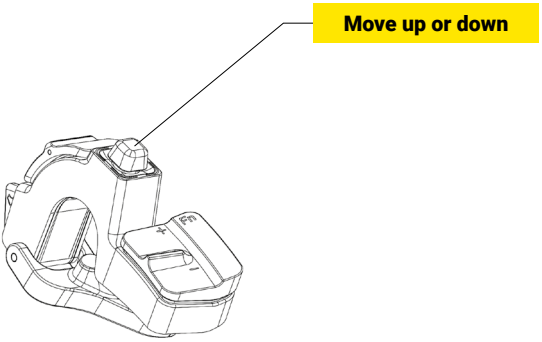
To switch between different information on the display unit, move the joystick up or down

» *TRIP*

» *ODOMETER*

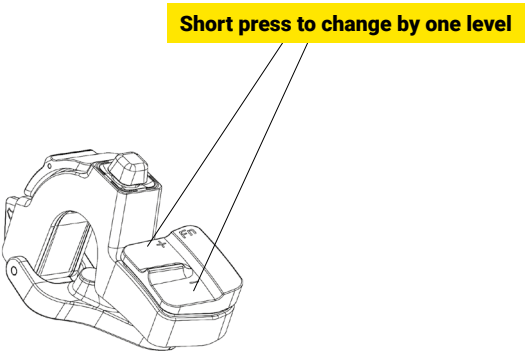
» *AVERAGE SPEED*

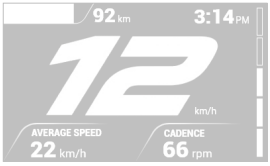
» *TRIP TIME*



Assist level up/down

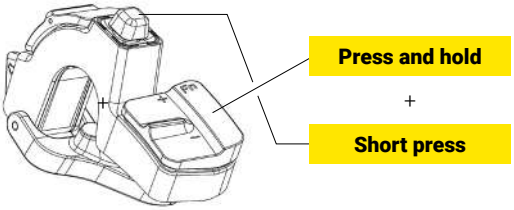
To change the assistance level, short press the plus or minus assist level button



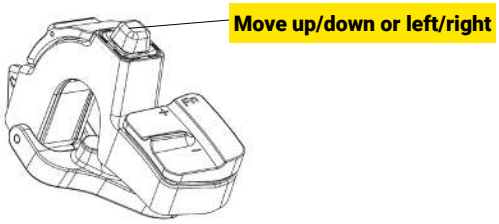


Info and Pair a bike screen

Fn + To acess the Info screen, use a combination of buttons.

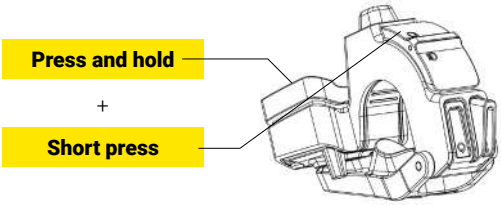


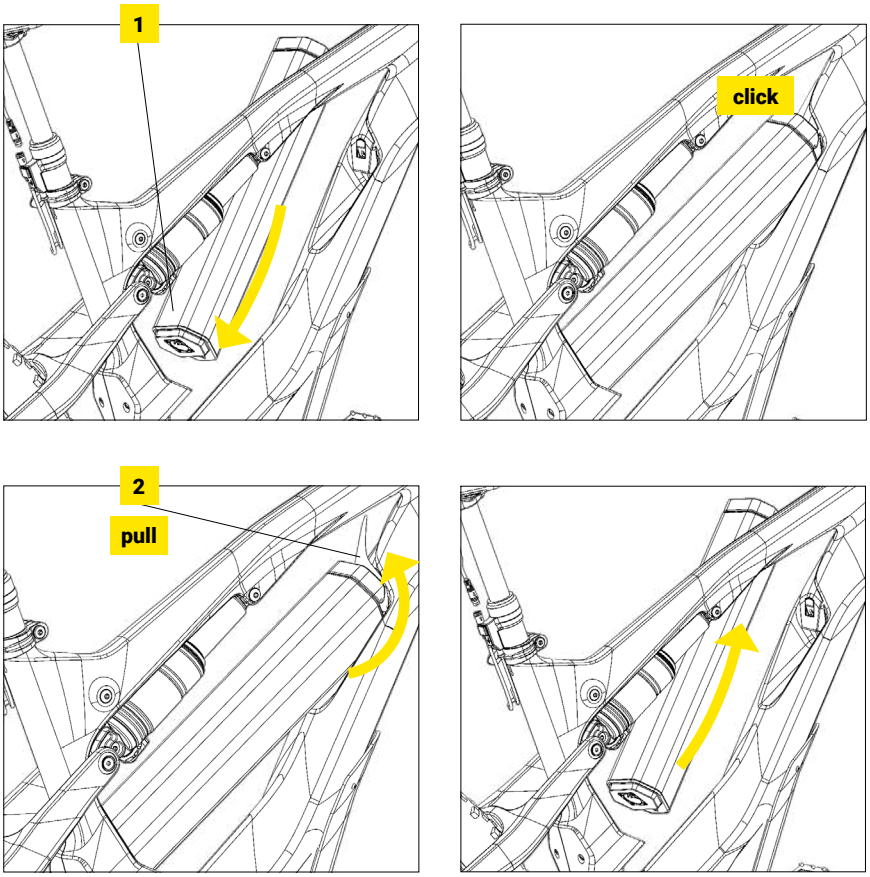
Move the joystick up / down to scroll inside the screen or move the joystick left/ right to switch between screens



Manual Software Update

Fn + To start the software update use a combination of buttons. Make sure your bike is connected to a charger and 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 retailer for inspection.

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

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 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, do not ride any further and take your Greyp bike to an authorized Greyp retailer for a complete inspection.

The lifespan and 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 Greyp G6.X uses a power-assisted drive system, which means more distance at different rates, depending on the component. The drivetrain and brake components are especially subject to wear. Have your authorized Greyp retailer inspect your vehicle and components periodically.

Exposure to harsh elements, especially salty air (such as riding near the ocean or in winter) can result in galvanic corrosion of components, which can accelerate wear and shorten the lifespan of your bike. Dirt can also accelerate the wear of surfaces and bearings. The surfaces of the bike 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 Greyp 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 the disc brake rotors. Lubricant on brake surfaces can cause decreased braking function, and increase the possibility of an accident or injury. If any lubricant or any other fluid gets on the brake disc rotor, remove the wheel from the bike and clean the brake disc rotor thoroughly. If you get any on the brake pads, replace them.

Do not use a high-pressure water spray directly on the bearings. Even water from a garden hose can penetrate the 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 original 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*
- *Battery*
- *Display unit*
- *Electric wiring*
- *Brake hoses*
- *Brakes*
- *Charger*
- *Motor unit*
- *Control unit*
- *Sensors*

Appropriate spares:

	TIRES	BRAKES	ROTORS	INNER TUBE
G6.X	SCHWALBE NOBBY NIC PERFORMANCE LINE, 70-584	MAGURA MCI	Magura MDR-C 203mm [8"] FRONT AND REAR	FRONT - SCHWALBE SV19 TUBE PRESTA REAR - SCHWALBE SV21 TUBE PRESTA

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 AND REAR HUB BEARINGS	EVERY 2,000 km [1242 mi]
BRAKE PADS	EVERY YEAR OR AT WEAR MARK
BRAKE DISC ROTOR	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)

Range

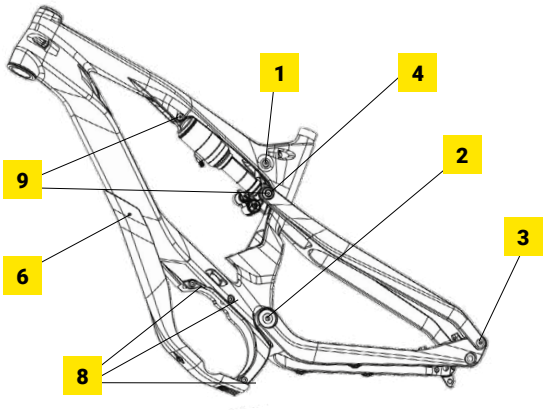
The range on one charge greatly depends on several circumstances, such as (but not limited to):

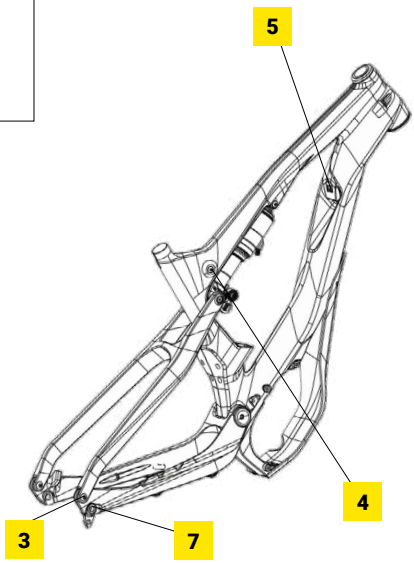
- *Weather conditions such as ambient temperature and wind;*
- *Road conditions such as elevation and road surface;*
- *Bike conditions such as tire pressure and maintenance level;*
- *Bike usage such as acceleration and shifting;*
- *Rider and luggage weight;*
- *Charge and discharge cycles.*

Shifting recommendations

For better range, Greyp advises to shift according to your 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 the pedal pressure while shifting gears.

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

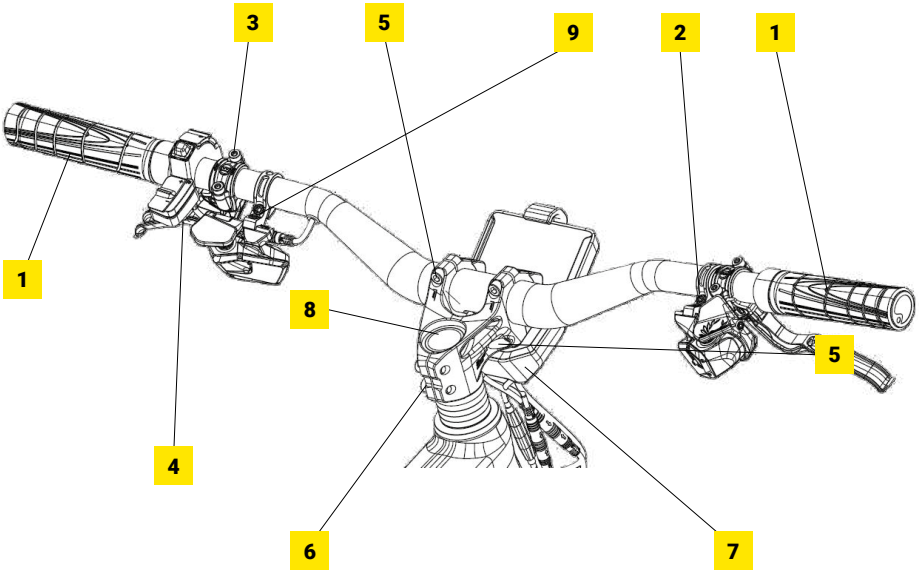




Recommended tightening of fasteners

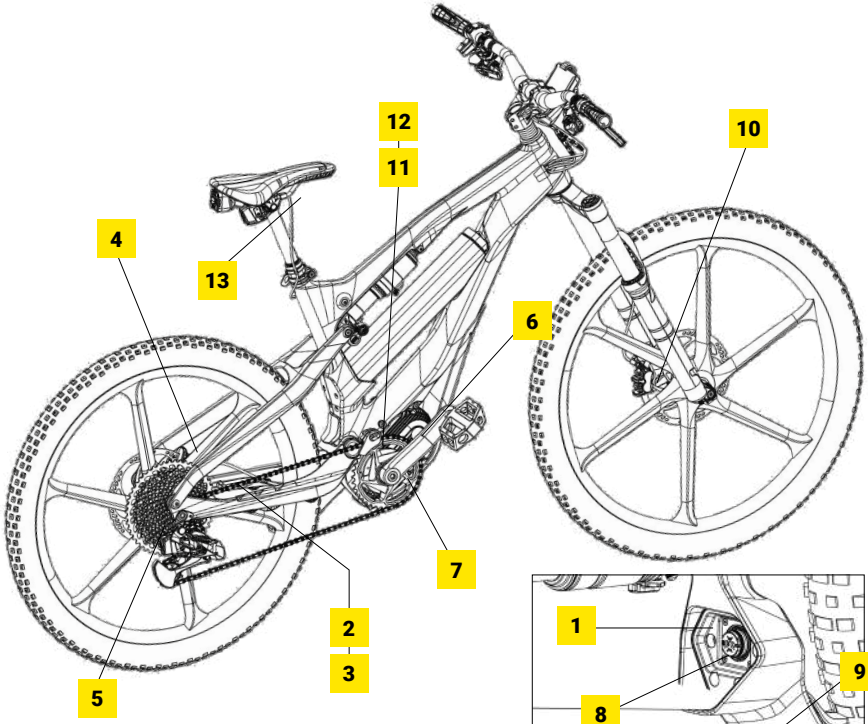
FRAME TORQUE SPECIFICATION

	NAME / DESCRIPTION	TORQUE, Nm [lb 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	10 [7.4]
9	RATIO LEVER / REAR SHOCK / FRAME	8 [5.9]



HANDLEBAR PARTS / STEM / TORQUE SPECIFICATION

	NAME / DESCRIPTION	TORQUE, Nm [lb ft]
1	GRIPS / HANDLEBAR	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 [lb ft]
1	PUSHPLATE / FRAME	4 [3]
2	SPEED SENSOR / CHAINSTAY	2 [1.5]
3	SPEED SENSOR / SPEED SENSOR 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	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

After every ride, clean dirt and debris the front fork, check your air pressure and set sag, check the torque on front fork mounting bolts. After 50 hours of riding remove lowers, clean and inspect bushings and seals, change oil bath if necessary. After 100 hours/1 year perform full front fork air spring rebuild, remove lowers, clean, replace seals and bump rubber, change oil bath at service center, full front fork damping cartridge rebuild at service center.

Extreme riding in adverse weather conditions or lack of cleaning will reduce service intervals.

Shock

After every ride clean dirt and debris from shock absorber, check air pressure and set sag, check torque on shock absorber mounting bolts. After 100 hours of riding or 1 year perform air spring service. After 100 hours of riding or 2 years perform damper service.

For specific details check the suspension manufacturer service manuals.

Performing the right maintenance on your Öhlins products not only ensures years of worry-free riding, but will also keep performance optimal and enhance your experience on the bike. Each service interval indicates the maximum number of riding hours designated for each type of recommended maintenance. Depending on the terrain and environmental conditions in your location, your riding style and skill level, you may see optimal performance if you service your Öhlins products at shorter intervals. For specific details, check the suspension manufacturer service manuals.

Have all repairs performed only by an authorised bike dealer only.

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 Porsche eBike Performance d.o.o. This limited warranty offered by Porsche eBike Performance 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 Porsche eBike Performance d.o.o.

The repair, replacement or refund of the purchase price, as provided by this warranty, is the exclusive remedy of the purchaser. Porsche eBike Performance d.o.o. neither assumes nor authorizes any person to create for it any other obligation or liability in connection with this warranty. Porsche eBike Performance d.o.o. 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. The following parts that have reached their limit of wear and tear must be replaced :

- *Battery*
- *Chainrings and cassette*
- *Drive chain*
- *Hubs and free hubs*
- *Brake pads*
- *Inner tubes and tires*
- *Brake fluid*
- *Brake disc rotors*
- *Bearings*
- *Brake hoses*
- *Lubricants*
- *Dropper post seals*
- *Suspension elements*
- *Wheels and spokes*
- *Grips*
- *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 the original date of purchase for the original owner. If a frame is found to be defective, EU shipping, parts and labour to replace the 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 the original date of purchase to be free from defects. In the event of a warranty claim requiring the motor to be returned to Greyp, the customer is responsible for the removal and shipment to Greyp. Greyp pays for the parts, in-house labour and the 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 the 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 and brake disc rotors is not covered. Warranty claims on 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 the 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 the removal and shipment to Greyp. Greyp pays for parts, in-house labour and the 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 ,spokes, hubs, free hubs, bearings 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 the removal and shipment to Greyp. Greyp pays for parts, in-house labour and return shipping.

How to file a claim

Porsche eBike Performance d.o.o. will not provide any warranty coverage unless claims are made in compliance with all the Porsche eBike Performance 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 Porsche eBike Performance d.o.o. or an agreed dealer*

The product or defective part has to be delivered to Porsche eBike Performance 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. Porsche eBike Performance d.o.o. reserves the right to inspect any defective components or products to determine whether a repair or replacement is required.

Porsche eBike Performance d.o.o., Ljubljanska 7, 10431 Sveta Nedelja, Croatia

8

Disposal

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

Only for EU 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 the battery packs and on-board computers that are no longer usable to an authorised bicycle dealer.

Batteries and chargers must not be disposed in your household trash! All batteries and chargers must be disposed 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 a battery or charger and any applicable take-back programs.

9

EU – DECLARATION OF CONFORMITY

MANUFACTURER	**PORSCHE EBIKE PERFORMANCE D.O.O.**
ADDRESS	LJUBLJANSKA 7, 10431 SVETA NEDELJA, CROATIA
DESCRIPTION OF PRODUCT	GREYP G6.X – 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;	07/12/2022, SVETA NEDELJA

WE HEREBY 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)

CE

THE FOLLOWING STANDARD WAS USED FOR G6.X :

EN ISO 4210, EN ISO 12100:2010
EN 62368-1:2014/AC FEB.:2015/A11:2017/ AC MAR.:2017
EN 62311:2008, EN 301 489-1 V2.1.1 , EN 301 489-17 V3.1.1
EN 301 489-19 V2.1.0 , EN 301 489-52 V1.1.0 ,
EN 300 328 V2.1.1EN 301 893 V2.1.1 ,
EN 301 511 V12.5., EN 301 908-1 V11.1.1 ,
EN 301 908-2 V11.1.2, EN 301 908-13 V11.1.2,
EN 303 413 V1.1.1

Krešimir Hlede
Managing Director
Porsche Ebike Performance d.o.o.

Since we are constantly working on improving our user experience, you can expect frequent mobile app updates

FIND THE LATEST VERSION OF THE GREYP APP MANUAL ON OUR WEBSITE

WWW.GREYP.COM

ANDROID

IOS

The Greyp mobile application is available on **Google PlayStore** and **AppStore**

Porsche eBike Performance d.o.o.

Ljubljanska 7
10431 Sveta Nedelja
Croatia

Tel: +385 1 205 4695
Email: info@greyp.com
Web: www.greyp.com