

SXT[®]
SCOOTERS



Vehicle

BEAST/PRO

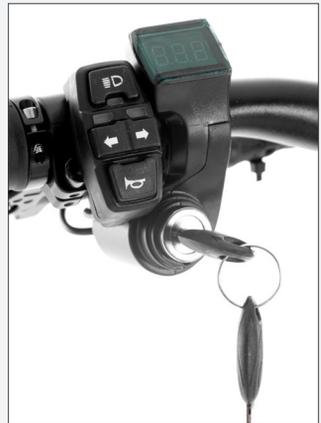
Manual - Version

SXT_MABSTPR_V1.3



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Current manual

MANUAL





ZEIT FÜR
MEHR **POWER**

BEAST / PRO

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Elektroscooter



Charger



Tool Set



Sidestand



Steering damper



Manual

Max. range (at 22°C with 70 kg payload): 60 km
Max. speed: 85 km/h
Max. motor power: 2 x 2400 Watt
Rated motor power: 2 x 1500 Watt
Type of drive: brushless DC hubmotor
Max. payload: 120 kg
Max. climbing slope: 35 °
Length, width, height: 130 cm x 60,5 cm x 128 cm
Length, width, height / folded: 130 cm x 60,5 cm x 48 cm
Weight (incl. battery): 39,9 kg
Operating voltage: 60 Volt
Battery capacity: 28,8 Ah
Battery capacity: 1728 Wh
Battery type: Lithium Ion
Battery removable for charging: no
Cell type: LG18650
Charger: 67,2 V / 2 A
Operation: finger throttle
Suspension: adjustable hydraulic suspension front and rear
Brake system: hydraulic disc brakes front and rear
Tires: 90 / 65-6.5
Tires size: 11 Zoll
IP protection clas: 54
Vehicle frame: Ultrastrong 6061 T6 Aluminum alloy
Wheelbase: 102 cm
Ground clearance: 20 cm
Light: LED front & rear
Foldable: yes
street-legal: no



For safe and proper use, carefully read the instructions for use and other documents accompanying the product and keep them for later use! The current version of the operating manual can be found with the product on our homepage www.sxt-scooters.de or via the QR code on the cover.

Why should this manual be read in detail!

This manual has been written to help you, the buyer, quickly and easily understand how to use and maintain the SXT BEAST PRO accurately & safely. It is important that you understand all the points and features of your new SXT BEAST PRO so that you can enjoy riding your new electric scooter from the very first minute. For the first ride, you should select a large open area to familiarize yourself with the riding habits and features of the scooter. The SXT BEAST PRO requires a short running-in and braking phase related to all moving parts until this has taken your exact position perfectly. Before riding, always make sure that the folding mechanism is correctly engaged and the safety lever is folded down.

The use of the electric scooter involves dangers. Various causes can lead to the failure of individual components through no fault of the manufacturer. Like other electric vehicles, the electric scooter is designed for locomotion - this automatically involves the risk of losing control while riding, falling or getting into dangerous situations that could not be avoided by training, practice or education. In such cases, despite the use of protective equipment or other precautions, you may be injured or, in the worst case, killed. **USE AT YOUR OWN RISK. USE COMMON SENSE.** This manual contains various warnings and safety precautions concerning the consequences of improper maintenance and care or improper use. Any accident could result in serious injury or, in the worst case, death - we do not repeat this warning regarding possible injury or, in the worst case, death at every point where such a warning is given.

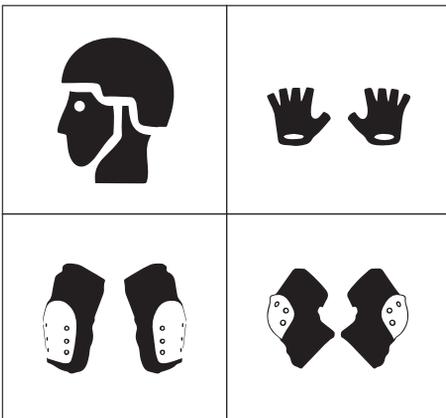
- Use from a minimum age of 16 years.
- For your safety, we recommend wearing a bicycle helmet (CE certified according to test standard DIN EN 1078), as well as protectors for arms and legs.
- Observe the valid traffic regulations.
- Never use the vehicle in poor visibility.
- Never attempt stunts, wheelies or jumps - the product is not suitable for this.
These things carry a great risk of accidents and irreparable damage to the product.
- Do not ride the scooter with more than one person at the same time.
- Do not ride under the influence of drugs or alcohol.

Notice and disclaimer

Riding a scooter involves the risk of accident and injury, including death. By using the product, you yourself are responsible for dislocations. Therefore, please always observe all rules of use, as well as the road traffic regulations in force in your country.

The POL-Planet GmbH & Co. KG is not liable for any damage caused by accidents resulting from improper handling.

DISREGARDING THE ABOVE INSTRUCTIONS AND DISREGARDING COMMON SENSE INCREASES THE RISK OF SERIOUS INJURY. THEREFORE, USE THE CHARGER WITH DUE CARE.



1. Always check the vehicle before driving it. Regular maintenance and care minimize the risk of damage, accidents and possible injuries.
 2. most dangerous injuries in falls or accidents are head injuries - always wear appropriate protective equipment such as an approved helmet with chin strap. A helmet may also be required by law in your area. We also recommend elbow and knee protectors, long-sleeved outerwear, long pants, and gloves. Always wear sturdy footwear such as lace-up athletic shoes with rubber soles for firm grip. Never ride the scooter barefoot or in sandals and keep laces closed and away from wheels.
 3. always observe the traffic regulations in force in your country.
 4. practice riding in a closed off open area.
 5. this scooter is not designed for jumping, stunts or similar - also avoid riding with only one hand on the handlebars. Keep both feet on the footboard at all times.
 6. do not drive the scooter up or down heels / steps larger than 3 cm - this could or down - this could irrevocably damage the vehicle due to the shocks and vibrations that occur.
 7. The maximum speed is 85 km/h.
 8. do not use the scooter in temperatures below 0°C.
 9. drive very slowly and carefully or get off the scooter if you find bad road conditions.
 10. do not use the scooter on oily or icy surface.
- Please adjust the handlebar height to your height to ensure a safe ride.
12. to avoid damage to the electrical parts of the vehicle, do not drive through deep puddles of water and do not pressure wash it with water.
 13. please do not ride in bad weather, such as heavy rain and strong wind.
 14. do not drive the scooter under the influence of drugs or alcohol.

Tire pressure:

Ensure the necessary tire pressure is maintained.

Mechanical Safety Check:

Before using the SXT BEAST PRO: Perform a visual inspection for any loose screws and other parts. Make sure everything is in place and no parts are missing or showing severe wear. If you are unsure, be sure to contact your dealer or Technical Support immediately!

Tires and Wheels:

Check your tires for wear - do this by spinning them around to inspect them all the way around. Make sure the tires rotate freely and the brakes do not lock. If they do, please contact your dealer or technical support! Check the brakes and all mechanical functions before each ride.

1. Get to know the SXT BEAST PRO - before you ride it. Familiarize yourself with its handling characteristics. Do not make tight turns, drive slowly and pay attention to your braking distance.
2. Do not overestimate your abilities. Learn to ride the SXT BEAST PRO best on a large flat area without obstacles.

Steering:

Steering on the SXT BEAST PRO is similar to steering on a bicycle, snowboard or surfing. The handlebars should always be parallel to your body. Before each change of direction, make sure that the desired direction of travel is clear.

Driving technique:

- Foot Position - Before you start riding, place your first foot as far forward as possible on the footboard while the second foot is on the ground. Make sure the road is clear.
- To start, kick the scooter with your foot, just as you would with a non-motorized one. As soon as you press the throttle, lean forward slightly so you don't fall backward when accelerating.
- Avoid putting your full body weight on the handlebar grips when braking and accelerating.
- Always place your feet behind each other. The most comfortable stance is achieved with one foot in front and the second at an angle of 70-90° behind it - similar to skateboarding or surfing.

Break:

Always shift your body weight backwards when braking. The braking force is mainly transmitted through the feet and not through the handlebars - therefore it is a much more pleasant feeling when you are slightly „hanging on the handlebars“ instead of leaning forward.

Serial number / identification number:

Make a note of the vehicle identification number of your e-scooter. Keep it in a safe place.

Each scooter has an individual number. This can be used to clearly identify your vehicle, e.g. in the event of theft.

How to find the frame number:

The number is located underneath the running board.

Fold up and fold down:

To unfold the scooter, put the steering tube up and press the collar down, then tighten the two clamping screws well **1**.

To fold the scooter closed, loosen the two clamping screws until the collar can be pushed upwards, then you can fold the handlebars downwards.



Fully unfolded



Fully folded



Mounting handlebar

To assemble all components, place the steering tube upwards and push the collar downwards, then tighten the two clamping screws well **1**.

Now turn the handlebar by 90° and then fasten it with the 4 supplied screws **2**. Please make sure that the screws are tightened evenly and firmly.



Mounting side stand

Mount the supplied side stand according to the following description.

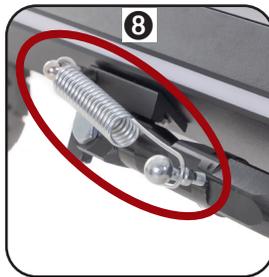
First, screw the retaining screw **2** for the tension spring into the thread provided. Before you mount the side stand, place the sealing ring on the hole. **3**.



Now slide the side stand **4** over the opening and tighten the screw well with a 17 **5** - **6** wrench.



Now screw in the second retaining screw **7** and then tension the spring between the two screws **8**.



Mounting steering damper

Mount the supplied steering damper according to the following description.

First, screw the lamp **2** with the bracket **1** to the handlebar.

Now prepare the steering damper as shown in pictures **3** to **5** with the supplied screws and rubber buffers.



Now mount the steering damper **6** to the lamp bracket **8** and to the frame part **7** between the footboard and the handlebar.



Finally, set the handlebars all the way to the left and then tighten the adjusting screw **9** firmly. The strength can now be adjusted on the adjusting wheel above the steering damper.



Mounting fender

Mount the rear mudguard with the 3 screws supplied.



Mounting turn signal

The two rear lights now only need to be inserted into the matching hole and then screwed into place.

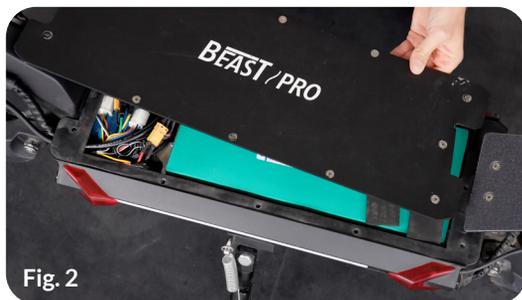


Scooter Beast/Pro throttle to 25 km/h!



To ride legally in France with the SXT Beast/Pro, this must be throttled to 25 km/h.

To do this, first unscrew the footboard (Fig.1), you must open the 11 Allen screws with a 3 mm allen key.



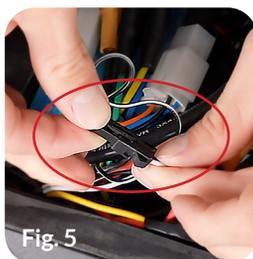
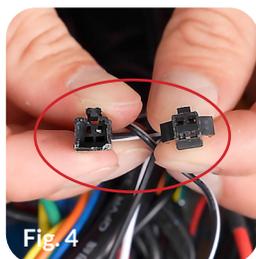
3 mm Allen wrench

Now remove the footboard (Fig. 2).



In the cable shaft there are 2 black connectors with black/white cables (Fig.3, 4).

Now plug them together as shown in Fig. 5.



Then screw the footboard back onto the scooter. Make sure that no cables are pinched and that the sealing rubber lies cleanly between the scooter frame and the footboard.

After the conversion, of course, the new speed levels apply.



Mode switch

Press the mode switch,
to select one of the 3 speed levels.

Level 1 - 4 km/h



Level 2 - 16 km/h

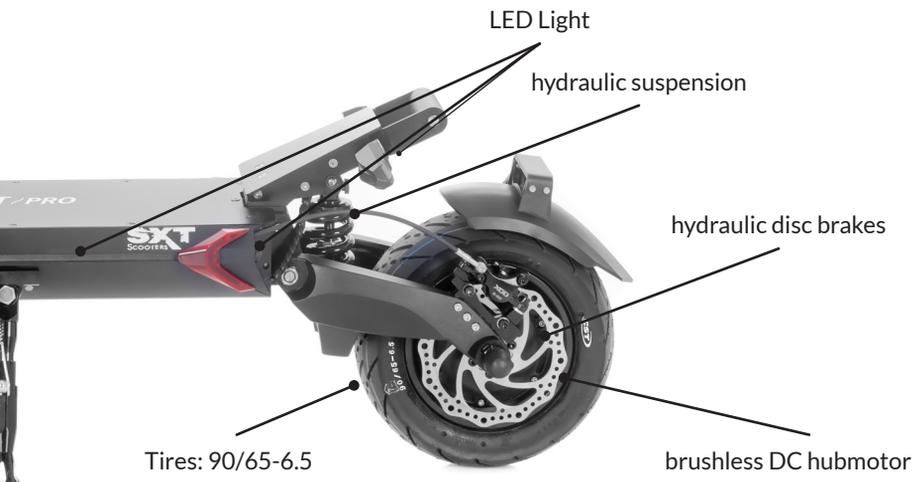
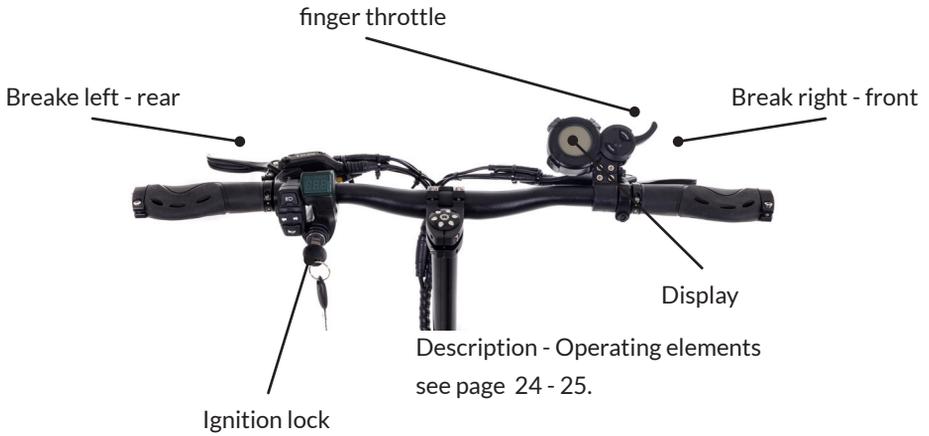


Level 3 - 25 km/h

Scan the QR code
and watch our installation
video!

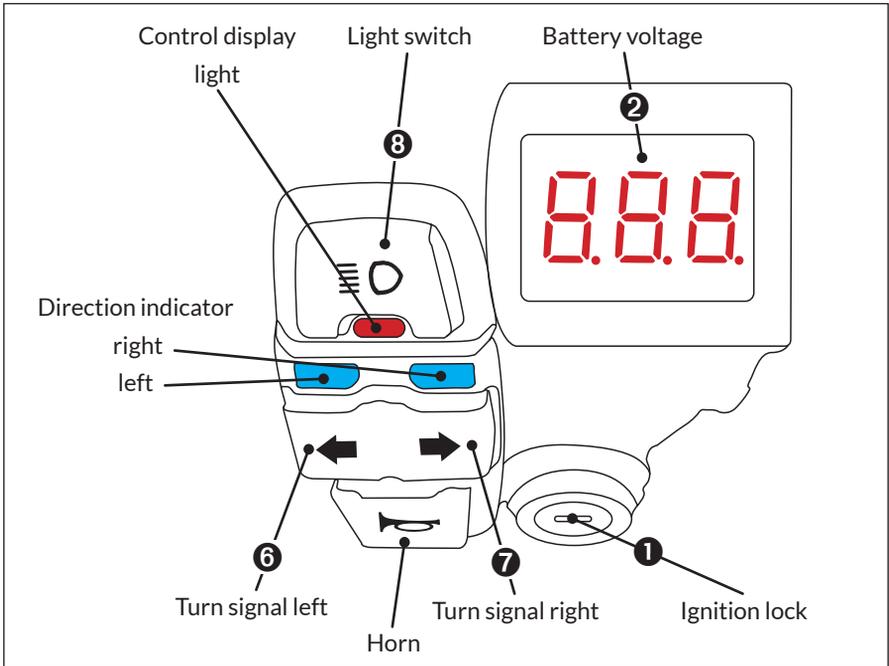






Switch on scooter:

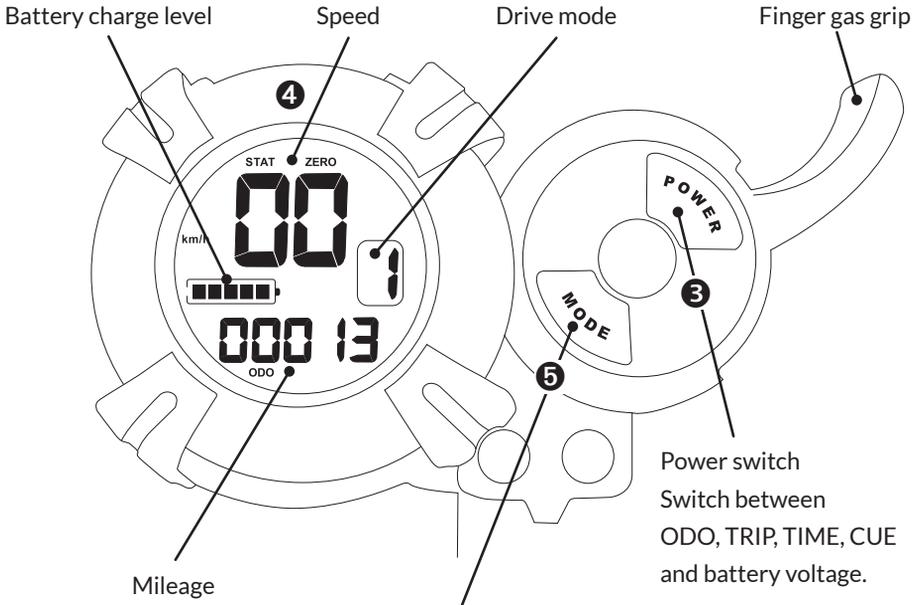
First insert the key into the ignition lock **1** and turn it to the right - now you can see the current battery voltage on the digital display above. **2**. Then press the power button **3** for about 2 seconds until the LCD Display **4** next to it turns on.

**Warning lights:**

Turn on the left **6** turn signal and right **7** turn signal to activate the hazard warning lights.

Side lighting on the running board:

Turn on the light switch **8** and then press and hold the mode button **5** until the side lights on the running board come on.



Mileage
ODO - total mileage
TRIP - distance driven

Mode switch
Press the mode switch **5**
to select one of the 3 speed levels.

- Level 1 - 25 km/h
- Level 2 - 55 km/h
- Level 3 - 85 km/h

Loading instructions

The scooter should be charged in a well-ventilated room at a normal average temperature. First connect the charger to a standard power outlet, then connect the charging cable to your SXT scooter. When everything is connected, the red indicator on the charger will light up. The battery is full when the indicator light changes from red to green. Now you can remove the charger and replace the protective cover.

1. The safety protection for the charging port should be replaced after the scooter is charged.
2. The scooter should be kept out of the reach of children during charging.
3. Under no circumstances should a charger other than the supplied one be used to charge the scooter. In addition, the supplied charger should only be used for this scooter.
4. Under no circumstances should a non-functioning charger be disassembled. Please contact the dealer.
5. The battery compartment should not be opened to avoid damaging parts inside the battery. If the battery does not charge, please contact the dealer.
6. In order to keep the battery in good condition, it should be charged at regular intervals, every 20-30 days.
7. Please remember to charge the battery after each use. If the battery is completely discharged, it may be damaged.
8. Do not connect the charger to the scooter when the charging cable or charging port is wet.

To enable faster charging, simply use a second charger.

Charging sockets



Charging instructions lithium batteries

Lithium batteries should never be deep discharged, this will irreparably damage the lithium cells. All lithium batteries should (if possible) always be stored at medium charge. If a battery is not needed for an extended period of time, please do not fully charge it beforehand - this puts the lithium cells under unnecessary „stress“, which can result in a shortened life in the long run. If you have a choice when using the battery, we recommend in principle not to fully charge it, but always to use it in the medium voltage range. Of course, the battery can be fully charged to drive long distances, for example - it's just technically best for a lithium battery not to do this in order to really get the maximum performance and lifespan out of the battery.

Lithium battery life is expressed in charge cycles. Don't think you are „wasting“ many charge cycles by recharging the lithium battery more often even though it is not „drained“ - this is completely wrong! The indicated lifetime in charging cycles means so-called full cycles. This means that if you discharge your battery 50% and then fully charge it again, this corresponds to ½ charging cycle. Charging twice corresponds to one full cycle.

We recommend recharging a lithium battery at 25% residual charge up to approx. 75% charge level. For long distances, however, the battery can of course be fully charged - see above.

During wintering or long storage of vehicles with lithium batteries, it is imperative to recharge them at least once a month to approx. 60 %.

For lithium batteries, use only the chargers approved and recommended by the manufacturer. Charging with too high a charging current in order to be able to charge faster can irreparably damage the lithium cells and, in the worst case, even lead to a fire.

**Cleaning:**

Please never wash the scooter with a water hose!

To reliably prevent rust, it is recommended to thoroughly clean and dry the vehicle after driving in the rain. The use of rust inhibitors is strongly recommended.

- Use suitable cleaning and care products and a soft sponge.
- Never use solvents.
- Never aim a direct jet of water at the following components: headlight, switch on the handlebar, brake lever, battery, charger.
- After washing, wipe with clean water to remove any cleaning residue.
- Dry with a leather cloth.

Storage and daily care:

Always ensure that all cables and brake cables are functioning properly when outside temperatures are around freezing point. Do not park the scooter in the blazing sun or rain. Keep the vehicle clean and dry. Clean the scooter only with a soft cloth and without aggressive cleaning agents.

After cleaning:

Perform a few braking operations in a roadworthy location with extreme caution. The water on the braking surfaces will reduce the braking performance for a short time.

Please keep your SXT Scooter away from sun and rain.

Regularly check the screws and small parts on your scooter.

Do not use alcohol, gasoline, acetone, or other chemical solvents to clean the scooter or it may corrode.

Pay attention to regular maintenance and inspection of the individual parts.

Transport:

During transport, the scooter does not need to be packed!

Simply fold the scooter.

Thank you for choosing one of our SXT BEAST PRO. You have a warranty of 24 months on your scooter from the date of purchase.

Please note that there is no warranty if:

1. the warranty period has expired.
2. if you do not have an invoice and your order has not been entered into the system.
3. the SXT Scooter has not been used properly.
4. technical modifications have been made to the SXT Scooter.
5. the SXT Scooter has been stored improperly.
6. the SXT Scooter has been damaged in an accident.
7. if a non-original charger has been used.
8. if the SXT Scooter has been damaged by contact with water.
9. if the SXT Scooter has been used in extreme temperatures.
10. no original spare parts and/or accessories have been installed.

Wear parts, such as tires and brake pads, are not covered by the warranty.

If there is any problem with our product, please pay attention to the following things:

1. LCD display shows only black!

Reason: Too long storage in intense sunlight.

Solution: Put the vehicle in the shade - after some time the LCD display will function normally again.

LCD display no longer shows anything!

Reason: bad contact of the battery or completely empty battery.

Solution: switch off the display and restart it.

For any technical issues not listed in this user manual, please contact our customer service/ technical support.



WARNING

To avoid serious injury, repairs to the battery must only be carried out by trained personnel. If necessary, please contact your dealer or our technical support.

You can find all spare parts and accessories on www.sxt-scooters.de

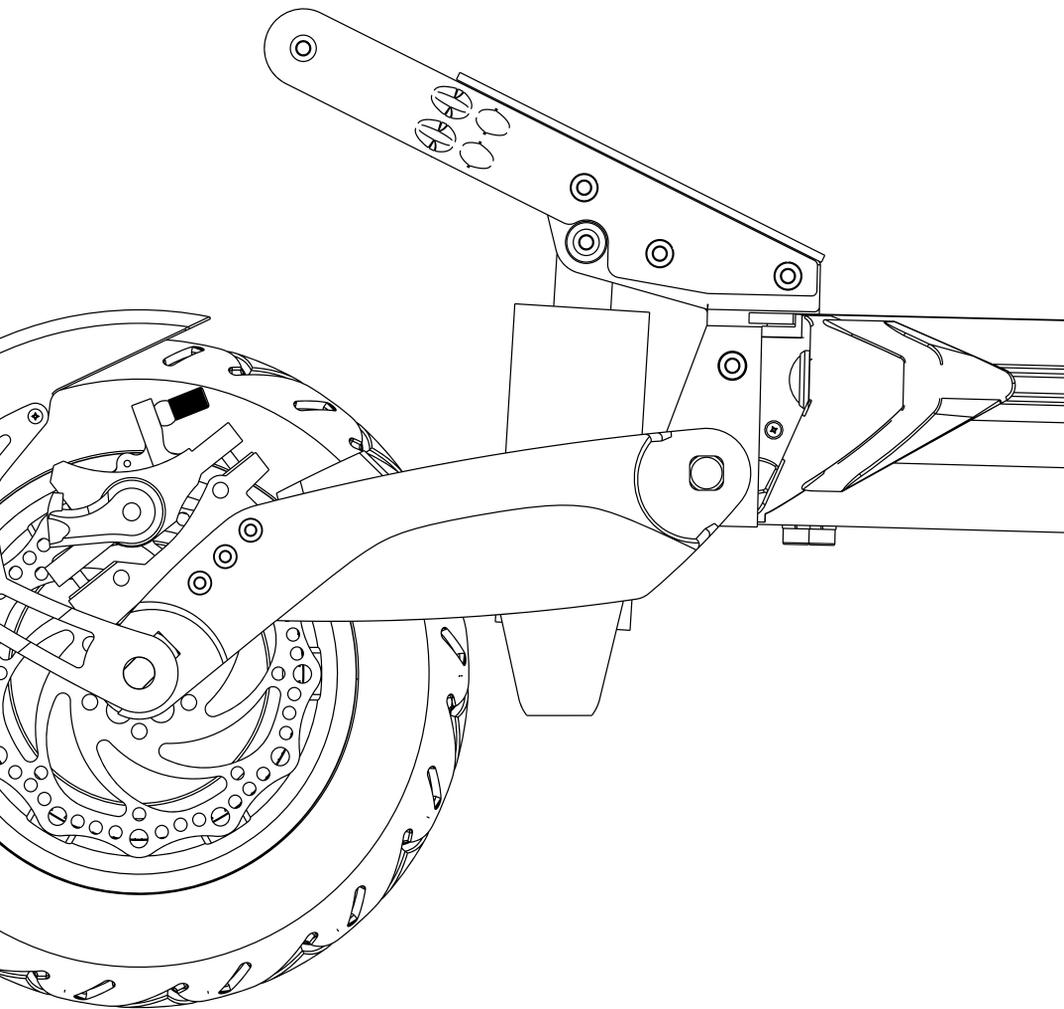
CONTACT TECHNICAL SUPPORT

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