

SXT[®]
SCOOTERS



MONSTER EEC

MANUAL

Vehicle

MONSTER EEC











Manual - Version

SXT_MAMNSTREEC_V1.3



Download
Current manual

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 <p>E-Scooter</p>	 <p>Saddle and seat tube</p>		
 <p>Exterior mirrors</p>	 <p>Turn signal bracket</p>	 <p>Mudguards</p>	 <p>Fuses</p>
 <p>Charger</p>	 <p>Toolkit</p>	 <p>COC Paper</p>	 <p>Manual</p>



Max. speed: 45 km/h

Type of drive: Chain

Max. payload: 134 kg

Length, width, height: 135 cm x 64 cm x 99 cm

Length, width, height / folded: 135 cm x 35 cm x 57 cm

Operating voltage: 48 Volt

Battery removable for charging: yes

Operation: Rotary throttle

Suspension: Shock absorbers front and rear

Brake: mech. disc brakes front & rear

Tires: Qingda 145/70-6

IP protection class: 44

Vehicle frame: Steel

Wheelbase : 102 cm

Ground clearance: 16 cm

Handlebar height: 93 cm - 99 cm

Seat height: 80 cm - 87 cm

Lighting: LED front & rear

Steering wheel lock: yes

Street legal: yes

Foldable: yes



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 instructions for use can be found with the product on our homepage www.sxt-scooters.de or via the QR code on the cover.

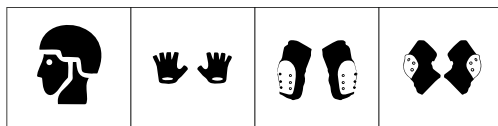
Why should this manual be read in detail!

This manual has been written to help you, the buyer, quickly and easily understand how to operate and maintain the **SXT Monster EEC** accurately & safely. It is important that you understand all the points and features of your new **SXT Monster EEC** so that you can enjoy riding your new electric scooter from the 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 Monster EEC** requires a short break-in and braking phase related to all moving parts until it 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 to move - this automatically involves the risk of losing control during the ride, 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.

1. The **SXT Monster EEC** may only be driven from the age of 16 with a driving license class A1, AM.
2. It is forbidden to ride with more than 1 person. Always check the vehicle before driving. Regular maintenance and care will minimize the risk of damage, accidents and possible injury.
3. 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 shoelaces closed and away from wheels, chain and drive train.
4. Road traffic - always observe the legal rules of the road.
5. Practice riding in a closed off open area.
6. This scooter is not designed for jumping, stunts or the like - likewise, avoid riding with only one hand on the handlebars. Keep both feet on the footboard at all times.
7. Do not drive the scooter up or down steps larger than 3 cm, as this may cause irreversible damage to the vehicle due to shocks and vibrations.
8. The maximum speed is 45 km/h. Avoid using the vehicle at night as visibility is much worse than during the day. If this is unavoidable, we recommend that you do not exceed a speed of 15 km/h and turn on the lights.
9. Do not use the scooter at temperatures below 0°C.
10. Drive very slowly and carefully or get off the scooter if you find bad road conditions.
11. Do not use the scooter on oily or icy ground.

**DISREGARDING THE ABOVE INSTRUCTIONS AND DISREGARDING
NORMAL COMMON SENSE
INCREASES THE RISK OF SERIOUS INJURY.**



Mechanical safety check:

Before using the **SXT Monster EEC**: Perform a visual inspection for any loose screws and other parts. Make sure everything is on place and no parts are missing or showing heavy wear. If you are unsure, be sure to contact your dealer or technical support immediately!

Tires and wheels:

Ensure the necessary tire pressure, you can find this on the tires.

Check your tires for wear - to do this, rotate them around their own axis to be able to inspect them all around. Make sure the tires spin 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 Monster EEC** - before you ride it. Familiarize yourself with its driving behavior. 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 Monster EEC** best on a large flat area without obstacles.

Steer:

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

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

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

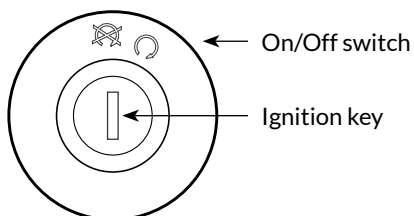
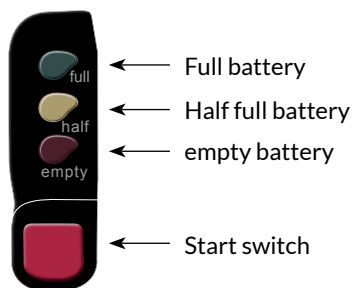
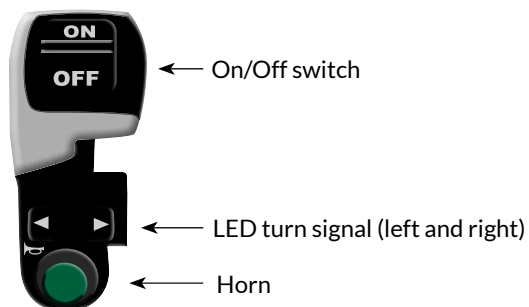
How to find the frame number:

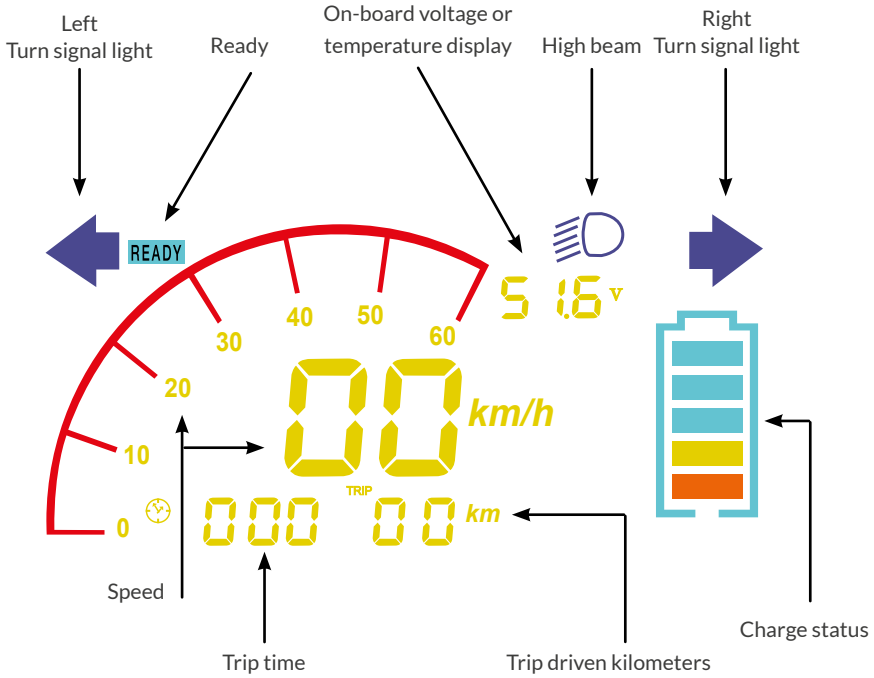
The number is located above the front tire on the left side.











When turning the ignition key, the driven total kilometers are shown on display, then the display switches to Trip.

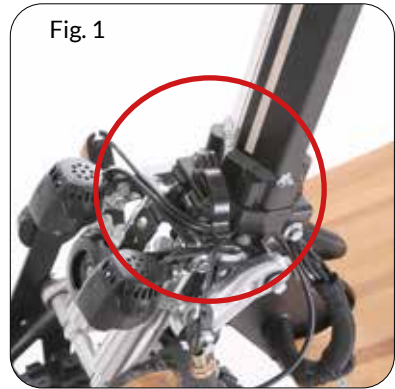


1. Vehicle SXT Monster EEC
2. Front mudguard + 4 screws and nut clamps
3. Mudguard rear + 2 screws
4. Reflector rear
5. Tool
6. saddle
7. Saddle rod
8. Turn signal bracket rear
9. Rear view mirror
10. Fuses
11. Quick release for seat post
12. Manual
13. Charger
14. COC Paper



To the construction video

1. First fold the handlebar upwards and lock it in position **Fig. 1**.



2. Now mount the handlebar rod.

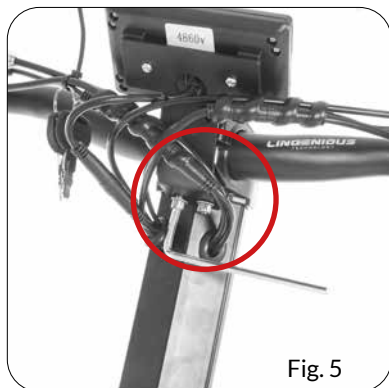
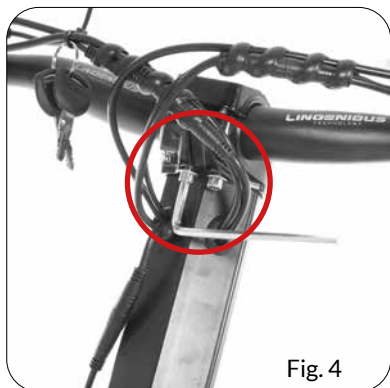
First, remove the 4 screws **Fig. 2** and the cover.

In the next step, place the handlebar in the opening provided for this purpose and fasten it with the cover removed beforehand. **Fig. 3**.

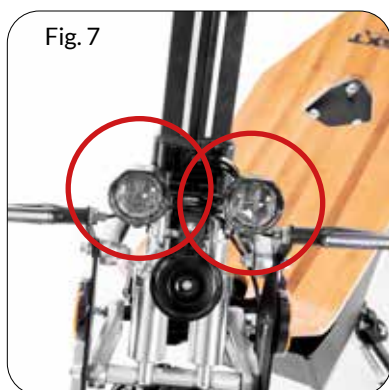
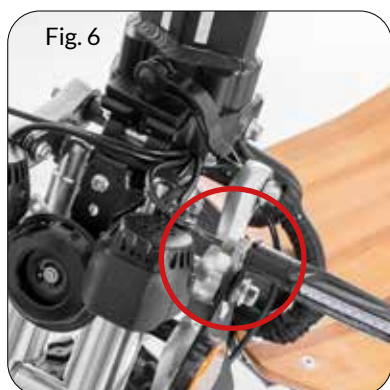
Make sure the handlebars are aligned correctly.



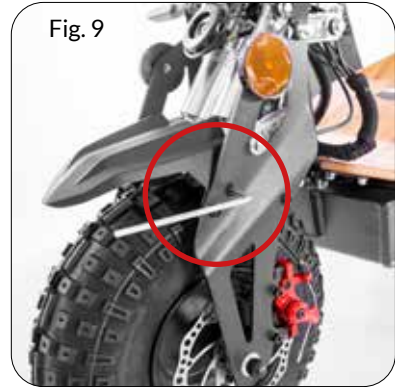
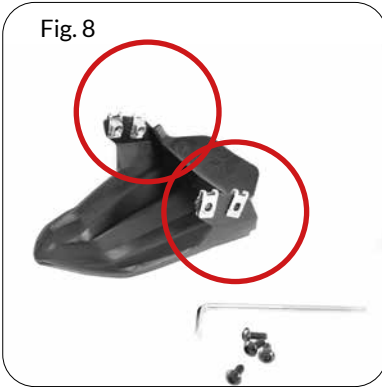
3. To mount the LCD display, remove the two screws **Fig. 4** under the handlebar. Then tighten the screw of the LCD display with the two screws **Fig. 5**.



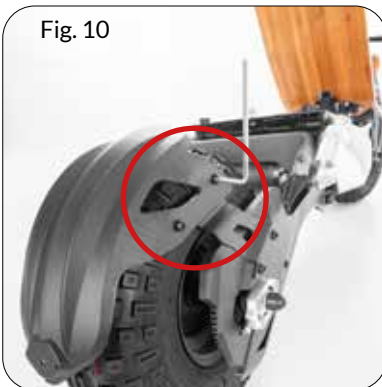
4. In the next step, mount the two front turn signals **Fig. 6** and fold up the LED lamps **Fig. 7** and tighten the screws.



5. Attach the nut clamps **Fig. 8** to the front mudguard and screw it to the vehicle frame as shown in the picture **Fig. 9**.



6. the rear mudguard can be easily fixed to the vehicle frame with 2 screws **Fig. 10**, then tighten the screw of the reflector to the rear mudguard **Fig. 11**.

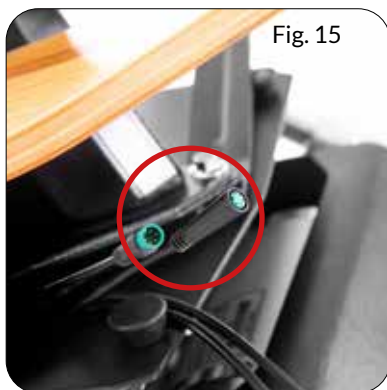
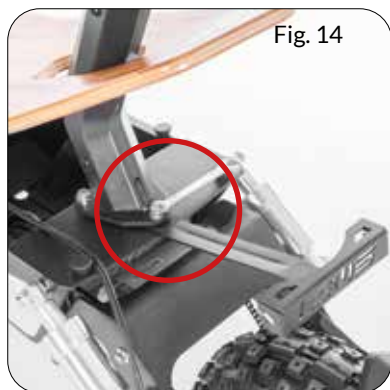
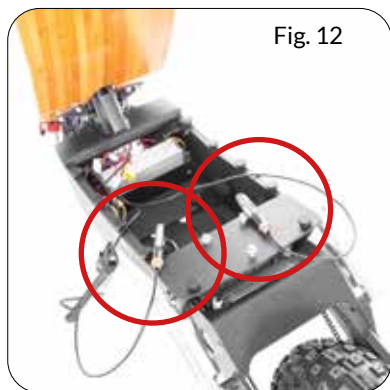


7. Under the footboard you will find the rear turn signals **Fig. 12**.

Remove the 3 screws **Fig. 13** to install the seat holder.

Then screw this to the turn signal holder **Fig. 14**. Now connect the first connector for the rear light together **Fig. 15**.

Attention: Before installing the seat holder, first insert the battery.



8. Now plug the clamp fastener **Fig. 16** for the seat onto the seat holder and then push the seat into the opening provided for it **Fig. 17**.

Now connect the second plug connection for the rear light **Fig. 18**.

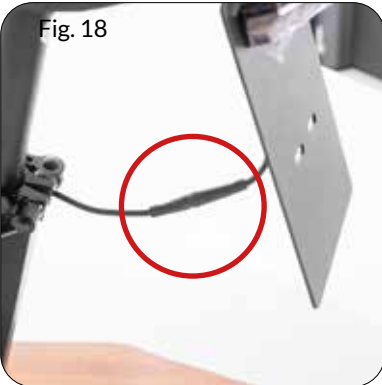
Fig. 16



Fig. 17

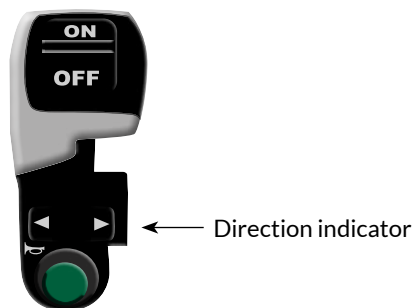
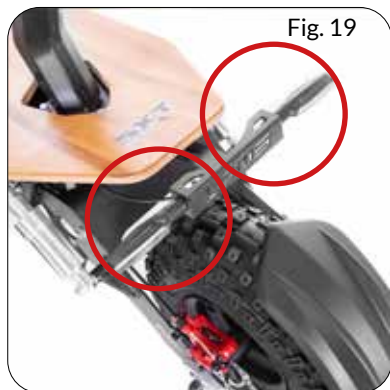


Fig. 18



9. Now mount the two rear turn signals. **Fig. 19**

Please make sure that the turn signals are mounted correctly (right and left), power on the vehicle and operate the direction indicator.



Attention:

The vehicle cannot be started as long as the side stand is folded out!

The scope of delivery also includes fuses, which you will need when connecting the battery. Insert them into the cable fuse holder provided for this purpose **Fig. 20**.

Then connect the connectors between the battery and the vehicle **Fig. 21**.

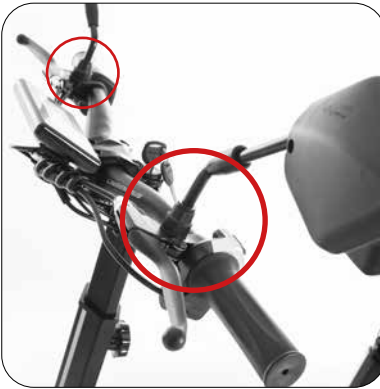
When inserting the battery, make sure that the cables do not lie underneath it.

To install or remove the battery, the seat holder must be dismantled.





When inserting the lithium battery, make sure that the cables are not underneath it. The battery can be tightened with the two Velcro straps.



11. now screw the rear view mirrors to the handlebars.

12. Remove the cover from the stickers.



Tire pressure:

Please check the tire pressure at least once a month. (Off road we recommend less air pressure).

**Chain tensioner:**

If the chain loosens, use the tools provided to adjust the chain tensioner. First loosen the nuts on the side ① so that you can make the adjustment. Make sure that you adjust the setting of the notches on both sides equally so that the wheel does not stand crooked!



Height adjustment of the handlebar:

Turn the screw as shown below to adjust the height of the handlebar, do not unscrew more than 3 turns or the lock nut will loosen and may lower into the steering tube.



Brakes:

Check your brakes regularly, if the screws are loose, please tighten them. Change the brake pads when they become too thin.



Fully charge the scooter before using it for the first time. As soon as the charger lights up green, the charging process is complete. Remove the charger after the charging process.

**CAUTION**

TO AVOID DAMAGE TO THE BATTERY, USE ONLY THE CHARGER SUPPLIED BY THE DEALER!

Charge your scooter after each use. Never let it run completely empty and never charge it for more than 24 hours.

Please note: When you turn the key to the on position after a full charge, all lights on the scooter. When the battery charge level of your scooter drops, the lights on the throttle go out. First the green light goes out, then the yellow and finally only the red light remains.

THE MAINTENANCE AND CARE OF THE BATTERIES IS A DECISIVE
CRITERION FOR THE SERVICE LIFE OF YOUR BATTERY.
INCORRECT MAINTENANCE, CARE AND CHARGING BEHAVIOR
CAN GREATLY REDUCE THE SERVICE LIFE OF THE BATTERY, AND
EVEN

Loading instructions:

1. First connect the charger to a conventional power outlet, then connect the charging cable to your SXT scooter.
2. The safety protection for the charging port should be replaced after the scooter has been charged.
3. The scooter should be kept out of reach of children during charging.
4. Under no circumstances should a charger other than the one supplied be used to charge the scooter. In addition, the supplied charger should be used exclusively for this scooter.
5. A charger that is not working should not be disassembled under any circumstances. Please contact the dealer.
6. The battery should not be stored near fire or corrosive environment as it is highly flammable.
7. The label on the battery should not be smeared or removed.
8. The battery compartment should not be opened to avoid damaging parts inside the battery. If the battery does not charge, please contact the dealer.
9. To keep the battery in good condition, it should be charged at regular intervals, every 20-30 days.

Warning:

Do not connect the charger to the scooter if the charging cable or charging port is wet.

Note:

Typically, a fully charged battery in standby mode should last for 120-180 days, a low charged battery for 30-60 days. Please remember to charge the battery after each use. If the battery is completely discharged, it may damage the battery.

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 a long time, please do not fully charge it beforehand - this puts the lithium cells in unnecessary „stress“ which can lead to a shortened life span 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.



If you have a lithium battery, the lithium battery's the charging cable of the lithium battery under the footboard and under the footboard and connect it to the socket of the charging cable must be connected!

Charging instructions for lead-acid batteries (lead-acid battery):

Lead-acid batteries should never be deep discharged, but should always be operated at the highest possible voltage. Lead-acid batteries that have been deeply discharged by running them completely „empty“ or by storing them for a long time without charging them (such as over the winter) will cause them to sulfate and damage the cells. This process is irreversible in many cases and leads to total failure of the battery. Do not think you are „wasting“ many charge cycles by recharging the lead acid battery more often even though it is not „drained“ - this is completely wrong! The indicated service life in charging cycles refers to 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 accordingly means one full cycle.

We therefore recommend recharging the batteries from a discharge of 25%. But then always until the charger has fully completed the charging process. This ensures the highest possible voltage of the cells.

During wintering or long storage of vehicles with lead batteries, it is mandatory to recharge them at least once a month until the charging process is fully completed.



Lead batteries can be connected to the charging socket of the scooter be charged!

**Cleaning:**

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 handlebar, brake lever, battery, charger.
- After washing, wipe with clean water to remove any cleaning residue.
- Dry with a leather cloth.

Attention:

When the outside temperature is around freezing, always make sure that all cables and brake cables are functioning properly.

After cleaning, perform a few braking operations in a roadworthy place with extreme caution. The water on the braking surfaces reduces the braking power for a short time.

Regularly check the screws and small parts on your scooter.

Do not use alcohol, petrol, acetone or other chemical solvents to clean the scooter as it may corrode. Battery maintenance and care is a crucial criterion for the life of your battery. Incorrect maintenance, care and charging practices can significantly reduce the life of the battery and lead to irreparable damage and malfunction.

Maintenance parts	Maintenance purpose
Brake	Check the brake function to avoid accidents caused by braking. to avoid malfunctions.
Tire	Check the condition and pressure of the tires, if the Tires are flat the power consumption is higher.
Tire rim	Check the rims, clean the dirt when it is stuck.
Shock absorber	Check the condition of the shock absorber and clean it with lubricant. it with lubricant. Keep it in good condition.
Throttle lever	Check the condition of the throttle lever in case of a malfunction.
Cable	Check if the cables are loose or broken in case of cable tangle. are broken.
Screws	Check the screws in the main parts, if they are loose please tighten them.
Battery	Check the appearance and performance of the battery and make sure that the wiring is still reliable.
Charger	Check if the charging cable is OK, input and output plugs should be in good condition. Output connectors be in good condition.
Lubrication	Check to see if the axles need lubrication.
Cleaning	Keep the surfaces of the scooter in a clean condition.

Error	Reason
No power assistance when driving the scooter.	Not switched on.
Range too low.	<ol style="list-style-type: none">1. The battery is not fully charged.2. The tires have too little air.3. Frequent braking / starting / overload driving.4. Battery is too old or has reached maximum charge cycles.5. Low temperature, battery damping.
The battery cannot be charged.	<ol style="list-style-type: none">1. The charger is not connected.2. The battery temperature is too low.3. The battery temperature is too high.
The display does not work.	<ol style="list-style-type: none">1. Is not switched on.2. Adapter defective.3. Measuring device in the display is
The motor does not run when does not run when switched on.	<ol style="list-style-type: none">1. The brake is activated .2. Measuring device in the display faulty.3. Motor defective.

Solution

1. Check if the battery is connected correctly.
 2. Check if the battery needs to be charged.
-

1. Check that the charger is working.
2. Check the tire pressure.
3. Drive correctly.
4. Replace the battery.

5. Normal sweating of the battery.
-

1. Check if the cable is connected.
 2. Wait until the temperature returns to normal.
 3. Wait until the temperature returns to normal.
-

1. Check the battery condition.
 2. Contact customer service.
 3. Contact customer service.
-

1. Check the brake.
2. Contact customer service to obtain a replacement.
3. Contact customer service to obtain a replacement.



When properly maintained and used (according to charging and storage guidelines), the battery has a normal life of two to three years. If the battery has not been or cannot be charged, it should be removed from the scooter and disposed of at a recycling facility.

Federal law prohibits the disposal of batteries in regular household trash.

Please contact your local solid waste or recycling authority for information in your area to recycle the battery.

Batteries or packaging for batteries are marked in accordance with the European Directive 2006/66/EC on batteries and accumulators and waste batteries and accumulators. The Directive establishes the framework for the collection and recycling of used batteries and accumulators as it applies throughout the European Union. This label is affixed to various batteries to indicate that the battery may not be discarded, but may be taken back at the end of its life in accordance with this directive.

According to the European Directive 2006/66/EC, batteries and accumulators are marked with a label indicating that they must be collected separately and recycled at the end of their life. The battery (Pb for lead, Hg for mercury and Cd for cadmium).

Users of batteries and accumulators must not dispose of batteries and accumulators as unsorted municipal waste, but use the collection framework available to customers for the return, recycling and treatment of batteries and accumulators. Customer involvement is important to minimize the potential impact of batteries and accumulators on the environment and human health due to the possible presence of hazardous substances.

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

Please note that there is no warranty if:

1. When the warranty period has expired.
2. If the e-scooter fails due to misuse, lack of maintenance or change of settings in violation of the user manual.
3. If the E-Scooter is damaged due to improper use, storage or accident.
4. If the E-Scooter is damaged because it has been tampered with, or if the fault can no longer be found because the owner has already disassembled the E-Scooter to change its original fault condition.
5. If the e-scooter is defective because the owner uses a different charger.
6. If you do not have an invoice and the information you reported does not match the information recorded in our system.
7. If the e-scooter is damaged after contact with water, extreme temperatures or contact with chemicals, etc.
8. If the electric system of the E-Scooter has been damaged by water, humidity, snow, etc.
9. If the E-Scooter has been damaged by force majeure, including but not limited to flood, fire, earthquake, lightning, etc.
10. Consumables are not covered by warranty. Examples are listed below, but are not limited to: brakes, wheels, rubber and plastic parts, etc.

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

For any technical issues not listed in this 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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