DAXYS

BANDICOOT
Electric Kickscooter

USER MANUAL v1.0

DAXYS

BANDICOOT USER MANUAL

Please read this manual very carefully before using the product. The manual contains important instructions for the safe use and longevity of your scooter.

CONTENTS

RIDING INTRODUCTION

Do not use the product before carefully reading the instructions and understanding the performance of the product; Before cycling, check whether the brakes work. When braking, please brake rear first and then front. Pay attention to the brake tightness. If the brake is too loose, use an Allen wrench to tighten it. Pay attention to increase the braking distance when riding in rain and snow. Applicable age: 16 ~ 65 years old. Please wear safety helmets and obey the traffic rules when cycling. It is not allowed to drive in motor lanes and roads with more pedestrians. Please check the tyres before using. The recommended tyre pressure is 30(max) PSI. When using the motor, pay attention not to hit it vigorously and keep the rotating shaft lubricated. The maximum load is **120kg.**

SAFETY INFORMATION:

ALWAYS WEAR A HELMET AND SAFETY EQUIPMENT

Helmets significantly reduce the number and severity of head injuries. Always wear a helmet that complies with your state laws when riding your eScooter. Make yourself more visible by wearing bright reflective clothing. Keep your reflectors clean and properly aligned. Use head and tail lights in reduced lighting conditions. Wear sturdy shoes and eye protection. Also check your state laws concerning other protective gear that may be required when riding your eScooter.

KNOW YOUR ESCOOTER

Your new eScooter incorporates many features and functions that you may be unfamiliar with. Read this manual thoroughly to understand how those features enhance your riding pleasure and safety.

RIDE WITHIN YOUR LIMITS

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Not to be used by children without adult supervision.
Take it slow until you are familiar with the riding conditions, as traction can be greatly reduced and brakes become less effective. Never ride faster than conditions warrant or beyond your riding abilities. Remember that fatigue, and inattention can significantly reduce your ability to make good judgments and ride safely.

KEEP YOUR eSCOOTER IN SAFE CONDITIONS

For your safety and enjoyment, and to ensure a long life for your eScooter, inspect and maintain your eScooter regularly.
Follow the inspection and maintenance guidelines throughout this manual. Check critical safety equipment before each and every ride.

STATEMENT OF RESPONSIBILITY:

After riding, please store in a place without direct sunlight and away from rain; Check the motor and brakes frequently; Regularly check the screws of the eScooter and the places to be tightened, and tighten them regularly. The front and rear wheels of the vehicle shall be located at the center of the front fork or frame; Frequently check whether there are scars, cracks or excessive wear in the rotation. The inner tube and air nozzle should be perpendicular to the wheel hub and should not be tilted. Damage or excessive worn outer tyres needs to be replaced immediately. Please find a professional technician to replace your tyres.

PRODUCT DISCLAIMER:

The contents of the user manual shall not be copied, modified, reproduced, transmitted or published in any form without the prior written permission of the company.

Please read this manual carefully before using the product and operate in accordance with it, otherwise, the company will not be responsible for product damage or personal and property losses caused by improper and wrong use. The company reserves the right to modify and finally interpret the product models, specifications or relevant information mentioned in this manual; The functions of the specific model mentioned in this manual are only applicable to the specific model; The product models, specifications or relevant information mentioned in this manual are subject to any modification or change without notice; Please read this manual carefully before using the product and operate in accordance with it. Otherwise, the company will not be responsible for product damage or personal and property losses caused by improper and wrong use.

BEFORE YOU RIDE

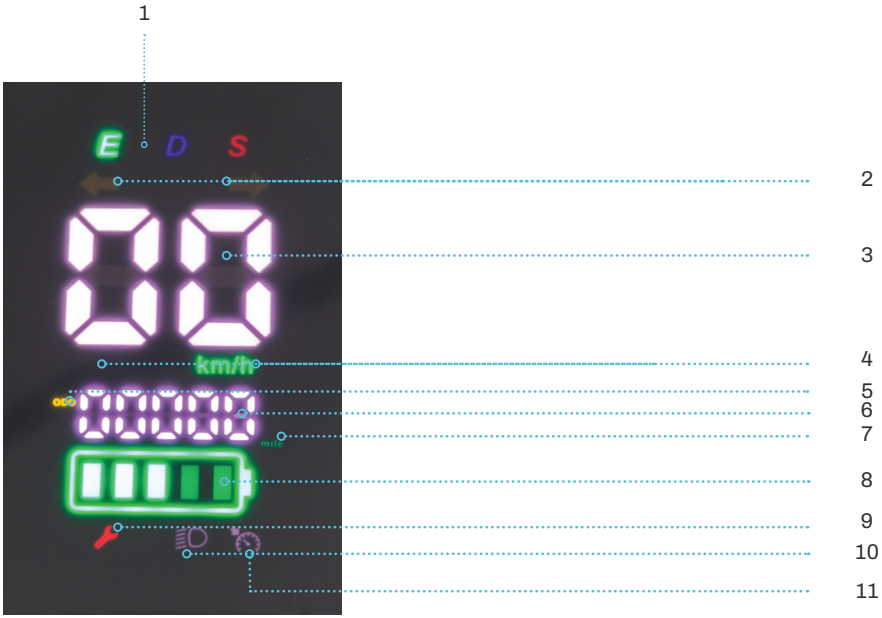
Perform Regular checks and maintenance as outlined below

COMPONENT OR CONDITION	INSPECT BEFORE EVERY RIDE	INSPECT PERIODICALLY	CLEAND AND/OR LUBRICATE	ADJUST / TIGHTEN	REPAIR / REPLACE (IF NECESSARY)
Tyre wear/damage	✓				✓
Brake pad adjustment	✓			✓	
Head and tail lights	✓				
Controls and displays	✓				✓
Brake pad wear	✓				✓
Brake cable tension wear		✓		✓	
Wheel true / Alignment		✓		✓	
Hub bearings		✓	✓		✓
Battery and charger		✓			✓
All bolts, nuts & mounting hardware		✓		✓	✓

MEET YOUR SCOOTER:

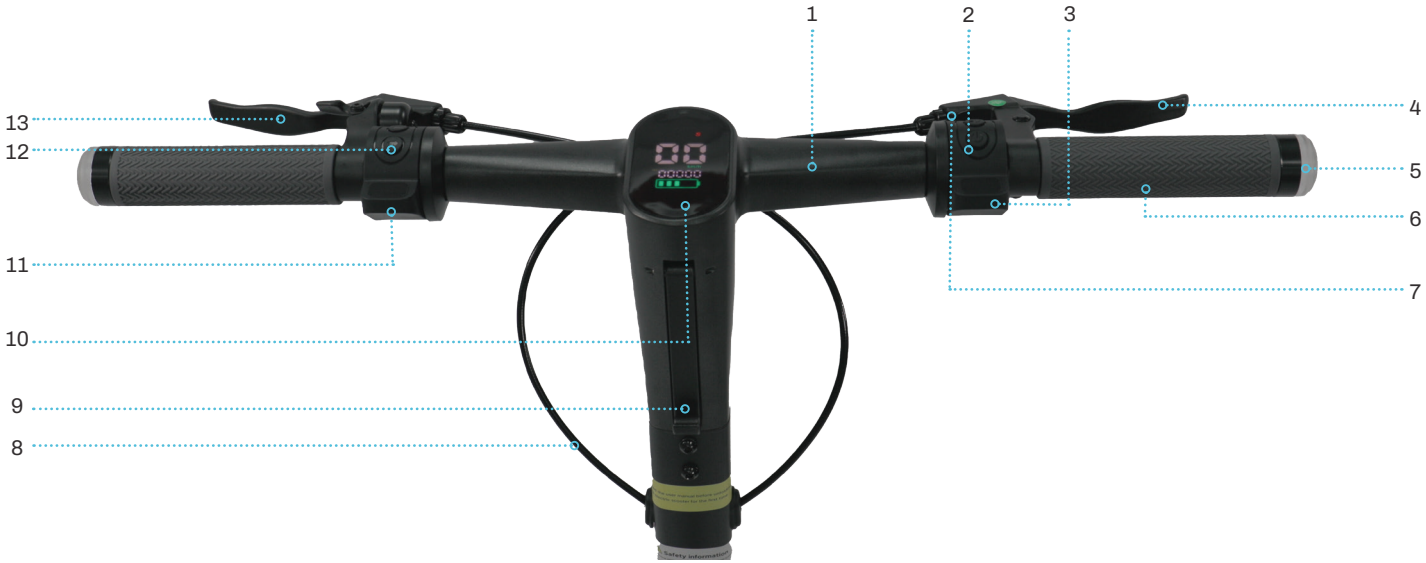
1. Controller
2. LED display
3. Brake lever
4. Front turn light
5. Hook
6. Headlight
7. Stem
8. Folding latch
9. Front mudguard
10. Front shock absorber
11. Front drum brake
12. Wheel fork
13. Wheel
14. Charging port
15. Deck
16. Rear drum brake
17. Motor
18. Battery
19. Back light
20. Kickstand
21. Carry handle
22. Back turn light
23. Locking ring

DISPLAY GUIDE:



1. Speed mode indicator
2. Turn ligts
3. Current speed / Error code
4. mph / km/h indicator
5. TRIP (current trip) / ODO (total mileage)
6. Current TRIP/ODO value
7. Unit of measurement (KM / Mile)
8. Battery level
9. Warning indicator (maintenance required)
10. Head light (ON if visible)
11. Cruise control indicator

HANDLEBAR GUIDE:



1. Handlebar
2. Power and frontlight controller
3. Throttle
4. Front brake lever
5. Right turn light
6. Grip
7. Bell
8. Folding hook
9. Brake cables
10. LED display
11. Regen brake control (electronic brake)
12. Turn lights controls
13. Rear brake lever

PRODUCT SPECIFICATIONS:

	Parameter	Value
Appearance Dimension	Body material	Aluminum alloy
	Vehicle colour	Black pearl
	Scooter size	Length*width*height: 1276mm*660mm*1260mm
	Hub form	Pneumatic tubeless (self healing)
	Hub size	10”
	Package size	Length*width*height: 1298mm*220mm*635mm
Performance Parametres	Gross / net weight	24.7kgs/29.5kgs
	Maximum payload	120kg
	Top speed	25Km/h
	Endurance Mileage	50-55KM (the lower value is closer to real-life performance)
	Maximum climbing angle	25 degree
	Service temperature range	-10° ~ +40° C
Charger Parametres	Input	AC 100-240V, 50/60 Hz, 2.5A MAX
	Output	DC 54.6V 2A 110W
Battery parametres	Battery type	Lithium ion power battery
	Battery capacity	12.6Ah
	Battery rated voltage	48V
	Under-voltage protection value	30V
	Over-current protection value	15±1 A
	Charging time	7-8h

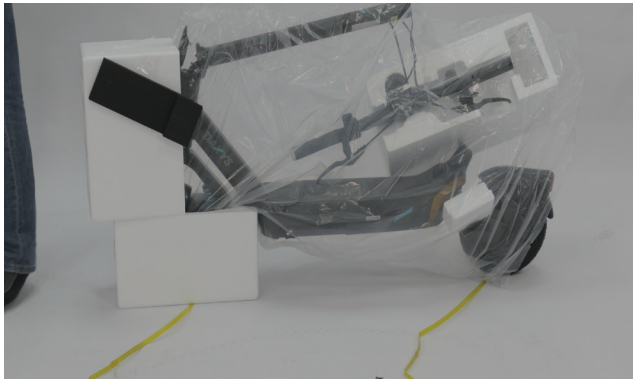
	Parameter	Value
Electrical Specifications	Motor mode	Moped
	Motor type	10”/48V/High speed gear
	Motor rated power	500W (Standard)
Product Features	Instrument display	Multi-functional color LED screen
	Back lighting	Yes
	Turn signals	Yes
	Brakes	Front: Drum brakes Back: Drum and electronic brakes (regen brake)
	Tyre style	Pneumatic (Self healing tubeless)
	Tyre size specification	10”
	Front fork suspension	Yes, single coil
	Middle(rear)shock absorption	Yes, dual coil
	Speed gear	N/A
	Headlights	Yes

DISCLAIMER:
THE PRODUCT WAS TESTED FULLY CHARGED, WITH AN AVERAGE LOAD OF 75KG-85KG, AT A NORMAL TEMPERATURE ON A NORMAL PAVED ROAD BETWEEN THE SPEEDS OF 0-25KM/H. THE RESULTS MAY VARY BASED ON DIFFERENCES IN TEMPERATURE, LOAD, WIND SPEED, ROAD CONDITIONS AND OTHER FACTORS.

ASSEMBLY INSTRUCTIONS:
1. UNBOXING

1. Unpack your new Daxys Bandicoot eScooter.

2. Remove the charger box and packing materials.



3. Get the Allen key and accessories ready.

4. Unfold the stem and pull it to a vertical position.

5. Lock the stem with the folding latch.

6. Ensure that the safety lock is flush with the folding latch on the shaft.

2. HANDLEBAR INSTALLATION & FOLDING

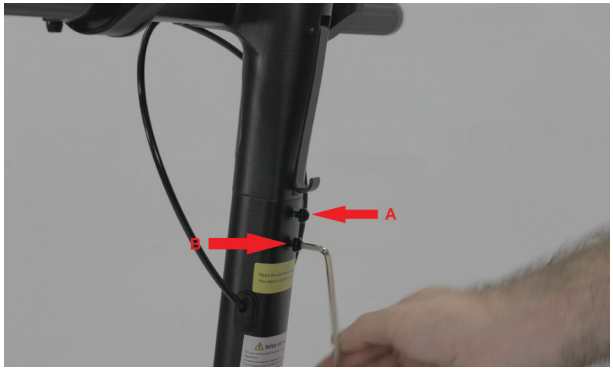
1. Remove the A, B bolts from the handlebar.

2. Check that the cables are connected properly.

3. Carefully fit the cables in the stem cavity.

4. Insert the handlebar at the top of the stem.

5. Tighten the A, B bolts.

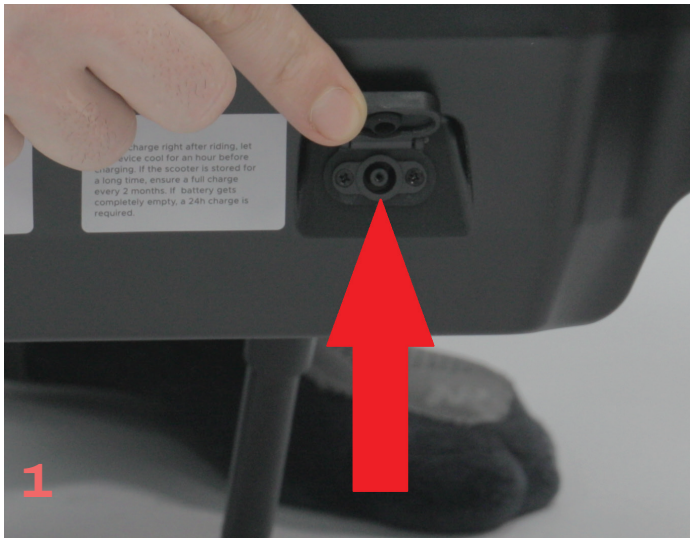


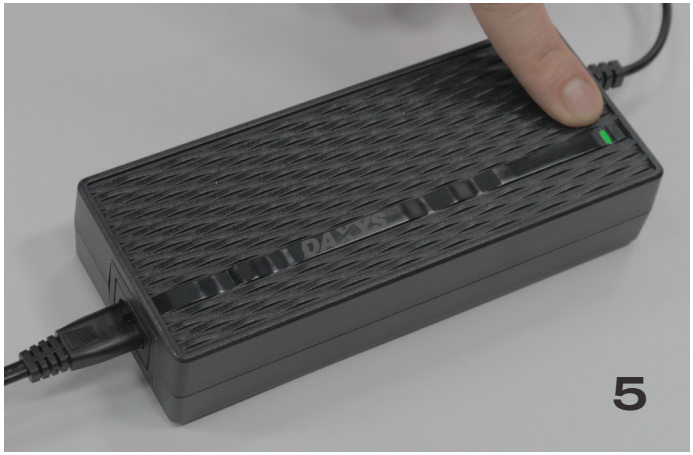
4. For carrying, release the latch, fold the stem and connect the stem hook to the locking ring at the end of the deck.

CHARGING THE BATTERY:

Using the charger and Battery guide, charging indicators, level indicators etc.

1. Connect the charger to the battery charging port first.
2. Plug in a power source
3. Check if the LED is RED. If the LED is GREEN, unplug from power source and repeat steps 1. and 2.
4. A full charge will require 4-5 hours, depending on current battery level.
5. Disconnect the charger when the LED turns green, it indicates Full Charge.





BATTERY AND CHARGER INFORMATION:

THIS APPLIANCE CONTAINS BATTERIES THAT ARE ONLY REPLACEABLE BY SKILLED PERSONS.

THIS APPLIANCE CONTAINS BATTERIES THAT ARE NON-USER REPLACEABLE.

Storage and Warnings

If the battery will not be used for an extended period of time store in a cool, dry place, and keep charged between 70-90%. Make sure to chek it it every month.
Please ONLY use the original special charger for charging the battery.
If you notice unusual sounds, smells or temperature variations coming from the charger or the battery, unplug charger immediately and contact customer service.
Improper use of the battery will damage the battery and may cause fires or explosions.
Do not disassemble or alter the battery or battery charger.
Do no place the battery near fire or corrosive substances.
Protect the battery / charger from exposure to liquids and do not use when damp.
Do not expose the battery / charger to extreme conditions.
Do not operate if damaged.
Recharge the battery only with the charger specified by manufacturer.
Do not use the battery / charger for any other purposes except the intended ones.

GOOD PRACTICES

Control the temperature
Avoid charging in extreme temperatures that are outside normal comfort range.
If your battery does get very hot or cold, allow it to come to room temperature before you plug in the charger. Batteries get warm even during normal use - wait a few minutes post-ride before you start charging.
Use the right charger
For best performance, use the original charger that was supplied with your eScooter. If you must use a different charger (for example: if the original charger is lost or damaged and replacements are no longer available) check carefully to ensure a 100% match before you charge.
Don’t take it to 0%
Lithium-Ion batteries have the longest service life when kept in the middle of their capacity. Sometimes, draining is unavoidable, but when possible, top off before 0%. Use the display or the battery indicator on your eScooter’s battery to monitor the charge level.
Don’t overcharge
Charge the scooter battery fully after every ride to prolong batery life.
Keep it dry
Never charge in a damp or wet environment. If your eScooter was ridden in the rain, ensure every component is completely dry before you charge.
Don’t pressure wash your battery, and never submerge it.
Give it some room
Both chargers and batteries can get warm during use. Make sure that any vents on the charger aren’t blocked and ensure that air can circulate around all the components. Place chargers on a hard surfaces only.
Don’t use an extension cord
Extension cords adds resistance. While extension cords can be convenient, some chargers may work poorly, or not at all, when plugged into extension cords. Plug your eScooter charger directly into a wall outlet instead for best results. If required to use an extension cord, use the shortest length possible, and always check the specs so ensure it can handle your charger’s requirements.

KEY OPERATIONS:

The key operations are short, long and multiple button presses.

- ➡ Button
  - Short press functions:
    - Metre interface — Right turn signal light ON/OFF
  - Long press functions:
    - Metre interface — Right turn signal light ON/OFF
- ⬅ Button
  - Short press functions:
    - Metre interface — Left turn signal light ON/OFF
  - Long press functions:
    - Metre interface — Left turn signal light ON/OFF
- Button
  - Short press functions:
    - Metre interface — Turn headlight ON/OFF
  - Long press functions:
    - Metre interface — Turn headlight ON/OFF
- ⏻ Button
  - Short press functions:
    - Metre interface — Change gear (E/D/S)
Double tap to switch between Km/h and Mph
Cruise mode (see bellow)
  - Long press functions:
    - Metre interface — Power On/Off

Restore factory settings:
Press the electric brake switch (left throtthle) then press the “Power” button on the right dial 8 times in a row and wait for the automatic shutdown. The brake and accelerator settings will be restored to factory defaults when the scooter is turned on again.

Zero / Non zero start
To activate / deactivate Zero start mode (throttle can be used without the scooter reaching 3km/h) control, press the regen brake switch (left control) and then press ⏻ 4 times in quick succession.

Cruise control mode:
To activate / deactivate cruise control, press ⏻ 4 times in quick succession. The cruise control icon will appear on the display, when active.
1. The cruise control function is turned on (double beep sound): Press the throttle to max while in riding mode and Cruise mode will start automatically after 8 seconds (Press the brakes, accelerator, or switch gears to exit cruise mode).
2. The cruise control function is turned off (single beep sound): No cruise control mode

Note: Due to ongoing product upgrades, it is possible that some icons and menu items will be different from the above specifications, but will not affect normal usage.

GUIDE TO SPEED MODES:

OFF - no motor assistance
E (ECO)- motor assisted, max. 15km/h
D (DRIVE)- motor assisted, max. 20km/h
S (SPEED)- motor assisted, max. 25km/h

Note: Using the brakes will interrupt the motor assistance.

YOUR ESCOOTER KEYS:

This model is not equipped with any locks / unlockable components.

TYRES:

Start by doing a visual check, looking for abnormal wear or cracks. If you think your tyre needs replacement based on this check up, you should follow your instincts. You may bring your tyres to your local bike shop for a competent opinion. While doing your visual inspection, check for proper tyre pressure by using a tyre gauge suited for testing bicycle tyres. **The recommended tyre pressure is 30(max) PSI** and is marked on the tyre's sidewall. The maximum pressure will carry the maximum load capacity of your bicycle.

Bearing lubrication

The next maintenance step is to lubricate the bearings. Your bearings are the connection between the rotating wheels of your scooter and the non-rotating frame that holds them stable. As you use your scooter, the friction can cause the bearing to get worn out - we prevent it from happening by lubricating it regularly.

Start by cleaning the bearings using with a clean and wet towel, you can spin the wheel at the same time which might make it easier for you to clean. After your bearings are clean, it's really important for you to add lubricant to the bearings, if you don't they will get worn very rapidly.

Spray the lubricant generously. Spray directly at the bearings and in the general bearing direction, since they are sealed for better protection. Spin your wheel at the same time to make sure the lubricant is dispersed effectively.

CLEANING YOUR ESCOOTER:

Basic cleaning information and maintenance guide.

Do not use a pressure washer to clean your eScooter. eScooters are not built to withstand high pressure water jets. Using a pressure washer at full power has the potential to damage parts and can force excess water, dirt, and debris into places it shouldn't be in and wreak havoc on the workings of the e scooter.
Do not use special car cleaner and soaps on an eScooter as most car soaps have wax in them which are not suitable for eScooters.

Typically, the best way to wash e scooter accessories is to wipe them down with a dry rag. Avoid getting any water or soap on the following parts:
The hub bearing (the center of the wheel)
The bottom bracket (where the pedals connect together through the frame)
The headset bearing (where the handlebars connect to the frame)
The brake pads and rotor, or discs
Chains, gears and motor

The first step when it comes down to how to wash an eScooter is to use a brush to clean the dry dirt from the rims and tyres of your e scooter. After that, take a wet rag or sponge and wipe down the frame of your eScooter. Make sure to get to the underside of the frame where dirt is most likely to gather. Once your eScooter has been thoroughly cleaned, rinse off all the dirty water. After the dirt residue has been cleaned from the eScooter use a clean, dry rag to wipe the scooter dry.
Once you've wiped the scooter dry, lube the chain to prevent it from rusting. To do this, take your chain and run it through a clean dry rag to wipe off any water that managed to get on it. Next, take chain lube and apply a slow but steady stream to the inside of the chain as you rotate the cranks until the whole chain got lubed.

TROUBLESHOOTING:

Troubleshooting information, fault codes, etc

Quick troubleshooting steps:

1. Make a note of the event description;
2. Switch off the system;
3. Visually check for any obvious cause;
4. Solve any easy and obvious cause, if safely possible (e.g. re-connect the wire connectors of various parts).

Switch the system back on.

If the issue is solved:

1. Normal use may be continued.
2. Schedule a service check at an authorised dealer.

If the issue returns, repeat step 1-4.

If the issue persists:

a) Quit riding.

b) Contact authorised dealer for diagnose and repairs.

Error message	User action
E1 / F1	Brake error. Check the brake cable connection.
E2 / F2	Throttle error. Check throttle wire and throttle position.
E3	Communication error. Check the connection between handlebar and battery controller cable
E4	Over current protection. Check the brake wires.
E5	Under voltage protection. Test with another battery. Might require a new battery.
E6	Over voltage protection. Avoid sudden braking / acceleration, should return to normal after battery level drops.
E7	Motor sensor error. Test with another motor. Might require a new motor.
E8	Motor phase lost. Check the wiring.
E9	Controller error. Test with another handlebar. Might require a new controller.

Note: F1/F2 errors appear during start-up self diagnosis.

If any of the errors appear repeatedly, please contact supplier or authorised service.

Other common possible issues:

1. eScooter cannot be turned on.

a) Check if the battery has run out of power;

b) Check if the battery switch is on;

c) Check if the display wire is connected well, and try a re-plug check;

d) Use a multimetre to check if the battery discharges normally;

2. eScooter cannot be charged normally.

a) Check if the AC and DC plug of the charger connects properly;

b) Check if the charger light is on after connecting to the power source, and swap check the charger if possible;

c) Check if the battery is working normally;

3. Headlight is not working when switched on

a) Check if the headlight wires are well connected or damaged;

b) Check if the headlight wires are well connected with the controller;

c) Check if the headlight switch works well, and if the headlight icon is lit on the display;

4. Riding range drop

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

a) The total vehicle weight including the rider, passengers and cargo loaded onto the scooter;

b) Weather conditions, such as ambient temperature and wind;

c) Road conditions, such as elevation and road surface;

d) Scooter conditions, such as tyre pressure and maintenance level;

e) Amount of charge and discharge cycles;

f) Age and condition of the battery pack;

g) Scooter usage, such as acceleration and shifting;

h) Assist level(s) used;

Note: Please contact an authorised dealer for further diagnose and repairs.

F.A.Q'S:

1. So, how fast can you go on an eScooter?
In AU, an eScooter must have a motor with a maximum power of 250W, assisting the eScooter to a maximum speed of 25 km/h to be road-legal.

2.Can you get any exercise out of an eScooter?
The answer is that you can decide if you want to exercise with an eScooter. There are several options to challenge yourself physically if you want to.
1. You can use your eScooter without any support or in Eco mode and still feel your legs burn.
2. You can do several laps on the same ride.
3. You can ride farther and longer with an eScooter.
4. On your eScooter you are encouraged by the speed/fun factor, and you can keep going.
5. If you weren't riding an eScooter or regular scooter before, what would you be doing otherwise? We encourage you to get as much exercise as you want with your eScooter.
And... If you prefer, you can simply have a good time and enjoy the ride without any sweat.

3. Can I handle the eScooter when the battery runs out?
eScooters are enhanced by our motor technology, which provides support on the most challenging terrain. But if the battery runs out, no worries, you can still puse it as a normal push scooter. Will it be easy? That depends on what terrain you are riding. Empower yourself to ride your eScooter even when the battery runs out.

4. How far can I expect to ride on a single battery charge?
The range for a single battery charge can vary greatly depending on conditions such as the combined weight of the rider and cargo; wind resistance; tyre pressure and tread profile; terrain and elevation changes; road or trail surface; outdoor temperature; maintenance of the eScooter; and the condition of the battery. Please refer to the spec sheet of the eScooter you prefer for the typical range.

5. What is the charging temperature range of eScooter batteries? Why can't charge in high temperature or low temperature environment?
The eScooter battery charging temperature range is -10~40° C, The battery pack BMS will be automatically protected and cannot be charged if the temperature is too high or too low. When temperature returns to the required range charging function will return to normal. In this case, there is no need to report for repairs.

6. How often should I do general maintenance?
We recommend doing maintenance to your scooter every 6 months to make sure all of the components are working properly. Below you can find the steps to perform a basic maintenance of your Daxys Bandicoot Kickscooter. A tune up consists of the following steps:
- Tire pressure check
- Bearing lubrication
- Suspension lubrication
- Brake adjustment
- Screw tightening

You will need a few things to get these done, all of them can be purchased at a local hardware store.
- Tire pump w/ pressure gauge
- Jig-a-loo lubricant (or any other lithium grease in spray format)
- Brake pads
- Basic toolkit

These are low cost items that, if used regularly, can make your scooter last dramatically longer. In other words, they're an investment definitely worth making.

WARRANTY:

DOA:
Complete replacement

12 Month Warranty*:
All returns accepted excluding items that have received physical damage by the owner/end-user

Warranty does not apply to any:
a) Damage caused by nature or acts of God, for example, lightning strikes, tornadoes and the like;
b) Negligent or incorrect use of the product;
c) Commercial use of the product;
d) Modifications to any part of the product;
e) Damage caused by use with after-market products;
f) Damage caused by negligence, accident, abuse, misuse, flood, fire, earthquake or other external causes;
g) Damage caused by operating the product outside the permitted or intended uses described by the manufacturer's instructions or with improper voltage or power supply;
h) Damage caused by servicing of the product (including upgrades and expansions) performed by any unauthorised personnel
i) Damage caused by natural wear and tear.

PANMI
AUTHORISED

www.panmi.com.au/warranty
Email: support@panmi.com.au

TECHNICAL SUPPORT:

Please contact your seller for details on authorised service centers.

For further support email us at support@panmi.com.au