

# POTENT PIG



Freight is not covered or refundable under warranty. The purchaser responsible for return postage costs.

Change-of-mind returns, found it cheaper somewhere else, decided you did not like the purchase or had no use for it and the like, will not be accepted.

## How to make a warranty claim:

- Ensure Scooter has been registered for warranty – within 1 month of purchase.
- Contact customer support.
- Provide proof of purchase.
- Picture of the scooter ID
- Proof of the defect – pictures or video
- If instructed to ship the scooter back to our warehouse, it must be original packaging in good condition.
- Freight is not covered or refundable under warranty. You are responsible for return postage costs.
- We reserve the right to reject any claim without the above information being produced. The scooter maybe be repaired or replaced after our assessment.

A warranty claim may only be valid if the breakage or malfunction of the scooter is a direct result of the manufacturing process. Spare parts are limited to a 3 month holding period from manufacture date .

Please refer to our website for all current terms and conditions  
[www.potentpig.com.au](http://www.potentpig.com.au)

# POTENT PIG



## PP52 Electric scooter

### User Manual

Please read before use



**WARNING** - These scooters are classified for off road use only. Please check your relevant State Laws before use.



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\*displays and features may vary from model to model



- Modification and/or repairs, opening of any components including by third parties, this includes changing or upgrading the battery, modifications to the motors, tampering with wiring, installing different wheels or tyres, and installing a flash or firmware, amongst many others. Upgrading or altering the brakes or disconnection of brake sensors.
- Installing accessories that are not designed for this model of scooter or bike.
- Incorrect riding of the products, scooter, buggy or bike including crashes or misuse and abuse of any kind including but not limited to dropping , jumping, wheel stands and heavy shaking or vibration.
- Bad storage – must be stored inside in a dry, well ventilated environment.
- Disconnection of braking systems and sensors to the controller
- Damage caused from natural disasters, fires, storms or floods.
- Warranty is void if used for commercial purposes.
- A warranty claim may only be valid if the breakage or malfunction of the scooter/bike/buggy is a direct result of the manufacturing process. Spare parts are limited to a 3 month holding period from manufacture date on the Vin plate of the scooter
- Some products are provided with "tool kits", we do not warrant the quality, use or suitability relevant to your purchase and are used at your own risk as we have no ability to monitor or control a third party product.

### Return policies

All products are checked and serviced before leaving our warehouse, if a product arrives dead on arrive (DOA) we will repair or replace the product on return of the product. You must notify us of a DOA product within 3 business days of receipt of the product.

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- Dashboard/display/buttons
- Charge Port
- Control Board/wiring and fuses
- Electronic Throttle
- E- Brake
- All Lighting including Head light, Rear lights, Deck lights

The warranty DOES NOT cover the any of the following and if applicable the whole warranty is considered void:

- Expired warranty period
- The warranty or Vin label is altered or removed
- Damaged wheels(complete assembly),rims, tyres, tubes and brake pads - these are considered serviceable parts
- Suspension components- these are considered serviceable parts
- Chains and chain tensioners and bearings - these are considered serviceable parts
- Water damage or ingress
- Damaged, Flat or worn tyres- these are considered serviceable parts
- Damage to the decals, deck, grips, handlebar, chassis or fenders
- Failing to maintain or perform servicing and regular safety checks
- Surface defects, scratches or paint damage or defects
- Missing screws, nuts, or bolts washers and the like.
- Burnt control boards/wires, fuses and/or motor including and not limited to or due to excessive continual acceleration, over heating or restricted tyre movement ie. doing burn outs, skids and the like.
- All weight load limits need to be adhered to and failure will result in warranty becoming void. The cause of overloading is usually due to two people riding the scooter or bike.
- Warranty does not cover any water damage, dust or dirt ingress.

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## 1. Riding Safety

1. The Electric scooter is a recreational product, before mastering your riding skills you must read this manual and educate yourself about the product. You are responsible for any injuries or damage caused by the rider's inexperience and/or failure to follow the instructions in this document.

2. Please understand that you can reduce the risk by following all the instructions and warnings in this manual, but you cannot eliminate all the risks. Remember that whenever you ride the Electric scooter you risk injury from loss of control, collisions, and falls. If/when entering into public spaces always comply with the speed limits, local laws and regulations. As with all other vehicles, faster speeds require longer braking distance. Sudden braking on low traction surfaces could lead to wheel slip or falls. Be cautious and always keep a safe distance between you and other people or vehicles when riding. Be alert and slow down when entering unfamiliar areas.

3. Always wear a helmet when riding. Use an Australian Standard approved helmet that fits properly with the chin strap in place and provides protection for the back of your head.

4. Do not attempt your first ride in any area where you might encounter children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.

5. Respect pedestrians by always yielding the right of way. When approaching pedestrians, slow down and use warning bell. Avoid startling pedestrians. When



approaching from behind announce yourself and slow down to walking speed when passing.

6. Abide by local and state laws and comply with the safety guidelines outlined in this manual user is responsible for any property damage, personal injury/death, accidents, or legal disputes caused by violations of the safety Instructions.

7. Do not allow anyone to ride your Electric scooter on his/her own unless they have carefully read this manual and followed the New Rider Tutorial in the App. The safety of new riders is your responsibility. Assist new riders until they are comfortable with the basic operation of the Electric scooter. Make sure each new rider wears a helmet and other protective gear.

8. Before each ride check for loose fasteners and damaged components. If the Electric scooter makes abnormal sounds or signals an alarm, immediately stop riding diagnose your Electric scooter call your dealer/distributor for service.

9. Be alert! Scan both far ahead and in front of your Electric scooter- your eyes are your best tool for safely avoiding obstacles and low traction surfaces (including but not limited to wet ground, loose sand, loose gravel, and ice).

10. To reduce risk of injury you must read and follow all instructions in this document. Do not ride at an unsafe speed. Under no circumstance should you ride on roads with motor vehicles. The manufacturer recommends riders are 16+ years old. Always follow these safety instructions.

A. People who should not ride the Electric Scooter include:

- i. Anyone under the influence of alcohol or drugs.
- ii. Anyone who suffers from disease that puts them at risk if they engage in



## 11. Warranty

These Scooters are an off road product and their use can be considered an extreme sport. Damage to the scooter as a direct result of their use in the sport is not covered under the warranty. This Limited Warranty only covers manufacturer defects/flaws in material and workmanship of the scooter arising or occurring as a result of the manufacturing process of the scooter for 12 (twelve) months or 600km or any other terms and conditions stated in this manual or our website.

The warranty is void if the damage or malfunction has been caused by the misuse or mishandling by the owner. This includes from impact, damage, breakage, cracking or snapping of the product as a result of misuse.

All scooters must be registered for warranty by the original purchaser within 1(one) month of original purchase date. The warranty is non-transferable to third parties of any kind and is valid only to the original purchaser with proof of purchase.

The warranty covers manufacturer's defects on the following body components for only 12 (twelve) months or 400 km:

- Deck/scooter body
- Bike/buggy Frame and the like
- Front Fork and stem Assembly
- Rear Fork Assembly
- Handlebar
- Kickstand
- Folding mechanism

The warranty covers defects on the following electrical components for 3 (three) months or 400 km:

- Battery and BMS
- Battery Charger
- Front and or rear Wheel and Hub Motor Assembly - scooters



## 10. Maintenance

We recommend checking your scooter before each ride and doing a weekly maintenance routine :

1. The first step in your maintenance is wiping down the scooter. For the handlebars, grips and display, we recommend using a microfiber cloth to remove any dirt and grim.
2. Use a **damp** cloth with a solution of mild household detergent and warm water to remove any foreign matter, grim, dirt and dust from the Electric scooter. Make sure that you don't get any electrical components wet. The cloth only needs to be damp not dripping wet. DO NOT use a garden hose to wash down the scooter.
3. Check the tyre pressures.(check max pressure on the sidewall of the tyre).
4. Check brakes, cables and pads to endure they are clean and functioning correctly. Adjust your brakes so that your wheels can spin without any obstruction if needed. Bleed the brake system if required.
5. Check all bolts nuts and screws are fastened.
6. Check Lighting system.
7. Check and adjust handle bars if needed.
8. Check and adjust the folding system and lubricate if needed.
9. Check the battery charge and maintain as per this manual.

### WARNING



To prevent possible harm to the environment or human health from uncontrolled waste disposal, please recycle the battery responsibly. Please check your state recycling laws and regulations for the safe disposal of Lithium Batteries.



strenuous physical activity.

- iii. Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
- iv. Anyone whose weight is outside the stated limits (Maximum load weight is 100kg).
- v. Pregnant women.
- B. Riders under the age of 18 years old are required to ride under adult supervision.
- C. Comply with local laws and regulations when riding this product. Do not ride where prohibited by local laws.
- D. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.
- E. Do not ride in the snow, in the rain or on roads which are wet, muddy, icy or that are slippery for any reason.
- F. Do not ride over obstacles (sand, rocks, loose gravel or sticks). Doing so could result in a loss of balance or traction and could cause a fall.
- G. Do not attempt to charge your Electric scooter if the charger or the power outlet is wet. Do not overcharge or leave the scooter unattended when charging. Charge the battery in an open space with good ventilation.
- H. As with any electronic device, use a surge protector when charging to help protect your Electric scooter from damage due to power surges and voltage spikes. Only use the supplied charger. Do not use a charger from any other different product models.
- I. Use only approved parts and accessories. Do not modify your Electric scooter. Modifications to your Electric scooter could interfere with the operation of the Electric scooter and could result in serious injury and/or damage and will void the Limited Warranty.
- J. As required by law the scooter is limited to 25km/hr from the factory, any

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modification to remove this limit is at the operator's risk and voids any warranty.

## 2. What's in the Box

Picture shows assembled Electric Scooter



User Manual x1

Tool kit x1

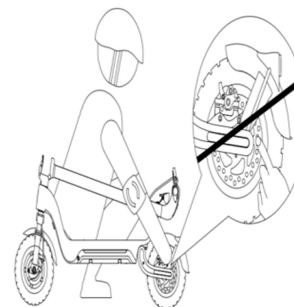
Scooter x1

Brake oil kit x1

Charger x1

When unpacking your Electric scooter, please verify that the above items are included in the package. If you are missing any components please contact your dealer/distributor or nearest service center. After verifying that all components are present and in good condition you can assemble your new Electric scooter. Please retain the box and packing materials in case you need to ship your Electric scooter in the future. Remember to power off your Electric scooter and unplug the

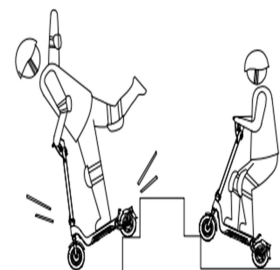
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DO NOT touch the hub motor or brakes after riding because they can get hot.



Always keep both hands on the handlebar or you risk serious injury due to loss of balance and falls.

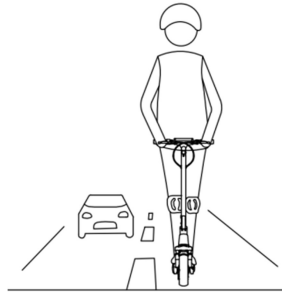


DO NOT ride up and down stairs or jump over obstacles.

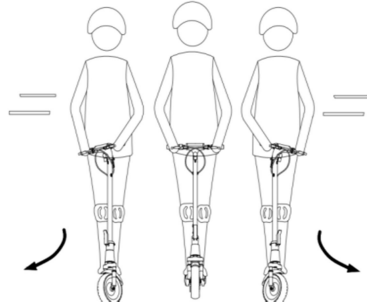


DO NOT use a mobile phone whilst operating the Electric scooter.

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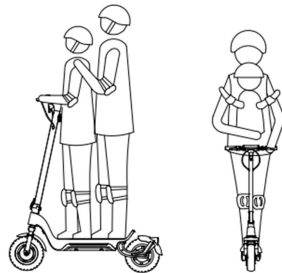
DO NOT ride on public roads,  
motorways or highways.



DO NOT rotate the handle violently  
while riding at high speed.



DO NOT ride through puddles  
or other bodies of water.



The Electric scooter is for ONE rider  
only. DO NOT carry any passengers.  
DO NOT carry a child.  
DO NOT ride if pregnant.

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power cord before assembling mounting accessories or cleaning the mainframe.

## 3. Scooter Information

### Display Functions

Turn the key on to start the scooter and show the display. The speedometer  
displays the current speed of the Electric



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## 1. Show content:

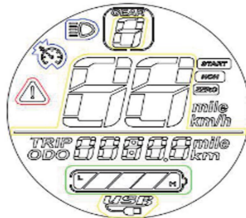
The content of speed, power, hitch, Total mileage, Single mileage

## 2. The function of control and setting:

Controller the switch power, Wheel diameter setting, Idle automatic sleep time setting, Backlight setting, Startup mode setting, Drive mode setting, Voltage level setting, Controller Current Limit Setting, USB charging function

## 3. Communicating Protocol:URAT

All content on display(power on within 1 second)



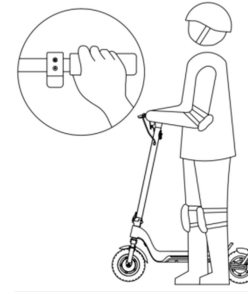
### 3.1 Voltage level



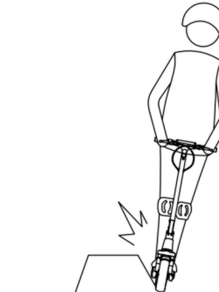
### 3.2 Multifunctional display area

TRIP 37.2  
ODO 37.2

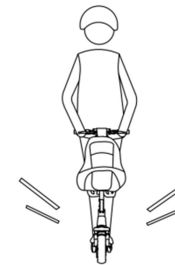
# POTENT PIG



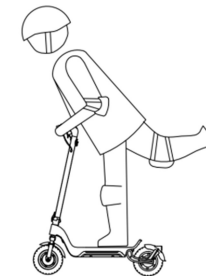
DO NOT press throttle when walking with the Electric scooter.



Avoid contacting obstacles with tyre/wheel.



DO NOT carry heavy objects on the handlebar of scooter.



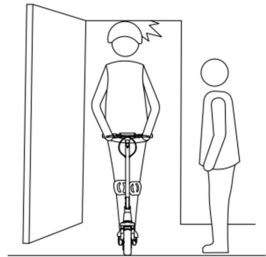
DO NOT ride the Electric scooter on only one foot.



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DO NOT ride the scooter in the rain.  
DO NOT get the scooter wet.



Watch your head when  
passing through doorways.



DO NOT ride over speed  
bumps or other bumps at  
HIGH SPEED.



DO NOT keep your feet on the rear fender.

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wheel diameter and signal data calculate the true speed(The motor Holzer also needs to set the number of magnetic steel)

3.4 Vehicle power gear adjustment ,



0-9 digital display;

3.5 vehicle status display area



Zero start and non-zero start prompt



The headlight turns on the prompt;



Constant speed cruise hint;




Communication fault prompt;



USB charging hint



1. When it is shutdown, long-time pressing  to turn on the power. When it is power


on ,It can change interface between the ODO、TRIP、VOL, by pressing  for short time.

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2. When it is power on, long-time pressing  to turn off, short-time pressing can change gear.

3. Long-time pressing  and  can get into the menu to change the interface.

4. Get into the setting interface, short-time pressing  can change parameter.

Short-time pressing or long-time pressing can add or reduce the numerical value. After

changing, short-time pressing  to change the next numerical value. After

changing, long-time pressing  and  to get out of the interface, or waiting 8 seconds, it can save the numerical value and drop out by itself.

P01 : Backlight brightness: The 1 level is the darkest , Level 3 brightest ; Default: 3

P02 : Mileage: unit, 0 : KM ; 1 : MILE ; Default: KM

P03: Voltage level: 24V , 36V , 48V , 52V , 60V, Default: 52V

P04: Dormancy time: 0 means no dormancy; Other numbers are dormant time. The range is 1-60 minute. Default: 5

P05: Reserve

P06: Wheel diameter: The unit is inch. The accuracy is 0.1; Default: 10.0

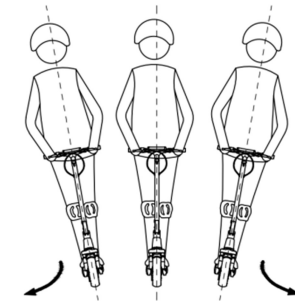
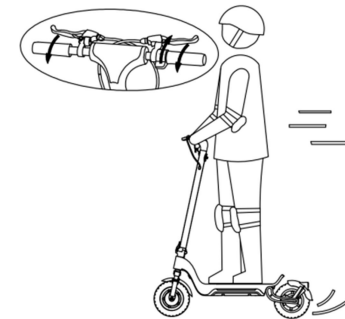
P07: Speed measuring magnetic steel number. The range is 0-255. Default: 28

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2. Stand on the footrest with one foot and push off with another foot to start gliding.

3. Put your other foot on the footrest to keep both feet stable. Press the throttle on the right handle to speed up once you are balanced.



## ▲ WARNING

When hard braking, you risk serious injury due to loss of traction and falls. Maintain a moderate speed and look out for potential hazards.

## 9. Warnings

### WARNING

Failure to follow these instructions could lead to serious injury.

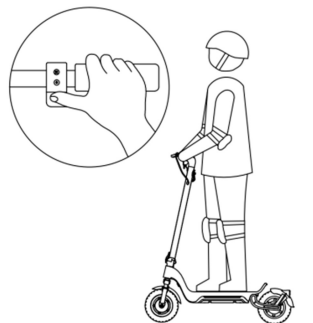
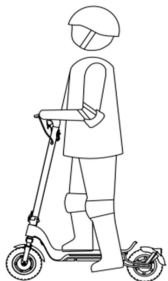


## 8. Learning to Ride



Wear an Australian Standard approved helmet and other protective gear to minimize any possible injury.

1 Power on the Electric scooter and check the power level indicator. Charge the Electric scooter if the battery is low



P08: Rate-limiting: The range is 0-100%.Default: 100%

P09: Zero start, no zero start setting ; 0 means zero start.1means no Zero start.Default: 0

P10:Reserve

P11: EABS switch choose.The range is 0-5 .0 means closing.1 means weakest. 5 means strongest.

P12: Soft and hard start strength.The range is 1-5. The softest is 1.The hardest is5.Default: 3

P13: Reserve

P14: Reserve

P15: Controller under-voltage.

P16: ODO Zero setting: keep pressing + for 5 seconds,ODO will zero clearing.

P17: When it shows 0,it can not use cruise.When it shows 1,it can use cruise.Default:0

P18: Reserve

P19: Reserve

P20: Communication protocol is defaults 4.It can not change.

## 4. Assembling Your Electric scooter

1. Unfold the scooter and put kickstand down
2. Unfold the handlebar stem and fasten with hex key supplied. Firmly connect the wires inside the stem then slide the handle support onto the stem. Be aware of the correct orientation of the display.
3. Check all other screws, bolts, nuts and fixtures are fastened on the scooter as they may have become loose during the shipping of the scooter.
4. Check the tyre pressure - refer to tyre for maximum pressure.

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5. Check the brake operation and brake pad clearances, these may need adjusting as they may have altered during the shipping of the scooter.
6. Ensure the scooter is fully charged.

## 5. Your First Ride

There are safety risks when learning to ride the Electric scooter. Please ensure you wear appropriate protection equipment and know your local usage rules

1. Power on the Electric scooter
2. Select gear 1-3
3. Select single or dual motor
4. Follow riding tips and accelerate to your required speed

## 6. Charging

Charging step tips



Open the charging  
port cover



Plug in the charger  
to charge



Cover the waterproof  
cover

### **WARNING !**

DO NOT charge if the charge port or power cord is wet.

DO NOT charge or use your battery if it is damaged or you see a trace of water.

Close the charge port cover when not charging.

DO NOT leave the scooter unattended whilst charging.

DO NOT OVERCHARGE. Only charge in a well ventilated space, away from

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flammable materials.

DO NOT let the battery fully discharge as this will damage the battery and void the warranty. If not riding for an extended period, please ensure the battery is charged once a month.

After long rides, (30 minutes or more), let your electric scooter cool down for about 30 minutes before commencing charging.

## 7. Folding the Scooter



1



2



3



4



5



6