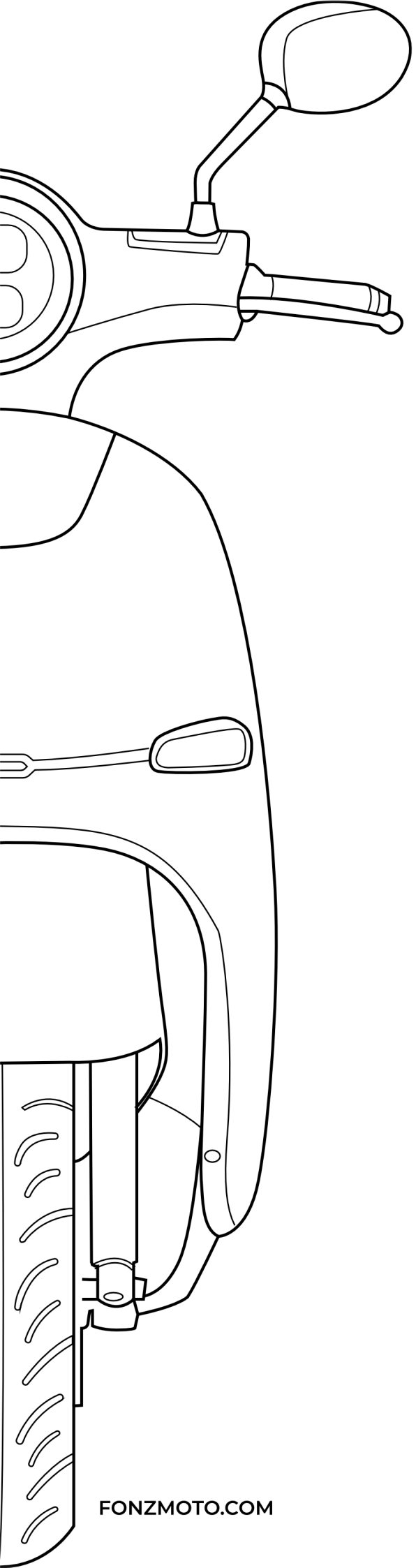


FONZ



Z Series

OWNER'S MANUAL



Welcome to **FONZ**

You've chosen a smarter way to move — for your city, your daily ride, and the future.

The Z Series is the most powerful scooter in its electric class — agile in the city, confident on the highway. A low centre of gravity delivers exceptional handling, while the digitally-controlled, rear-wheel-drive powertrain delivers smooth, responsive performance with serious range.

Type 2 fast charging connects to home & public EV charging network, and huge under-saddle storage swallows a helmet and more. An optional range extender means the road ahead is always longer than you think.

Please read this manual in full, alongside the online Owners [Knowledge Centre](#), for important information on vehicle and powertrain care.

Z Series SR, Z Series LR, LC Motorcycle Category, Fonzarelli CPA 46689 125

Z Series SR Moped, Z Series LR Moped, LA Category Moped, Fonzarelli CPA 47256 100y

All information in this Owner's Manual is correct at the time of publication. Fonz Moto Pty Limited (ABN 69 146 454 113) reserves the right to make changes at any time without incurring obligation. To the extent permitted by applicable law, Fonz Moto accepts no liability for any errors or omissions. This manual is protected by copyright. For the most current information, refer to the online Owners Knowledge Centre.

Table of Contents

Welcome to fonz.....	2	Vehicle Functions.....	27
Powerpack Safety & Care.....	4	ABS	
Running-in your Vehicle.....	7	Regenerative braking	
Safe riding.....	8	Lower Power Mode	
Equipment.....	9	Pillion foot pegs	
Right side		Reverse & Parking	
Left side		Hill Start	
Handlebars.....	11	Tire Pressure Mesurment Sensors	
Instruments.....	12	Light & Dark mode	
Ignition.....	13	Storage & load.....	30
PowerPack.....	14	Pillion passenger	
Equipment Installation		Accessories	
Storage & Care		Maintenance.....	32
Charger.....	17	Cleaning & detailing	
Home /outdoors		Tyre Specifications & Maintance	
Home /indoors		Tyre Care and Replacement	
Stands.....	23	Brakes	
Side stand		Service Schedule.....	35
Center stand		Range & Performance.....	37
Vehicle identification.....	24	Warranty.....	38
VIN location		Disclaimer.....	39
Motor (engine) number			
Compliance plate			
Riding.....	25		
Pre-ride inspection			
Starting procedure			
Rider Safety			

Powerpack Information, Safety & Care

What is a Powerpack?

Your FONZ Powerpack is a high-performance lithium battery system that powers your vehicle. It consists of multiple battery cells, integrated sensors, and a Battery Management System (BMS) that work together to deliver safe, reliable performance.

The Battery Management System (BMS) continuously monitors the Powerpack, balancing individual cells, managing temperature, and protecting against overcharging, deep discharge, and electrical faults. It also regulates charging, slowing the charge rate as the battery fills and stopping automatically when complete.

The Powerpack is fully sealed and requires no user maintenance. Do not open, modify, or tamper with the Powerpack or BMS. Doing so will void your warranty and may create a serious safety hazard.

What is Lithium-ion?

Your Z Series Powerpack uses Lithium-ion technology — the leading rechargeable cell chemistry, prized for its excellent power-to-weight ratio.

Unlike older battery types, Lithium-ion does not develop "charge memory," so you can top up as often as it suits you without affecting long-term performance.

It's also a more sustainable choice. Lithium-ion contains none of the heavy metals — like mercury or cadmium — found in conventional batteries. The cells themselves are fully recyclable and suitable for second-life upcycling.



Care essentials

- Do not store the Powerpack in humid conditions
- Do not leave the Powerpack fully discharged at 0%.

For complete charging, storage, and care guidelines, refer to the [Fonz Knowledge Centre](#).

Powerpack Information, Safety & Care

Powerpack Life & Rebate Policy

FONZ Powerpacks are built to last up to 7 years, providing long-term performance and reliability. We do not recommend using a powerpack beyond the manufacturer's advised lifespan.

If you purchase a FONZ Certified Pre-Owned Vehicle, you may be eligible for a rebate on the existing powerpack based on its remaining usable life. Rebates are available to original purchasers only.

For full details on rebate eligibility and our powerpack replacement policy, visit the [FONZ Knowledge Centre](#).

Recycling the Powerpack battery cells

Australia's circular battery economy is growing, and there are more and more battery recycling facilities to collect, sort, shred and separate the valuable minerals found in the components of spent Li-ion battery cells, such as lithium.

Responsibly recycling batteries ensures all useful battery waste materials are recycled and that any of the dangerous materials are disposed of correctly.

Learn more about responsibly recycling your Powerpack battery in the [FONZ Knowledge Centre](#).

Other Important Information



High voltage

The high voltage warning sticker is located in various locations on your vehicle. The high voltage symbol is there to inform you that exposure to high voltage can cause shock, burns, and even death. The high voltage components on the vehicle should only be serviced by specially trained Fonz Moto technicians. High voltage cables and wiring have an orangecolored insulation. NEVER probe, tamper with or modify high voltage cables or wiring. If you have any concerns regarding the vehicle Powertrain performance, immediately contact Fonz Moto Pty Limited customer service.

Z SERIES is rated to carry the operator and up to one passenger. This is subject to the local laws and driver licence of the vehicle operator. Combined weight of rider, passenger, accessories and cargo must not exceed the maximum rated load capacity of 150kg. Minimising load will improve range and performance.

The vehicles are designed to travel on sealed roads only.

Personal injury or mechanical damage may result if you do not operate the vehicle in accordance with the guidelines of this document.

Read this Owner's Manual carefully, and refer to the Owner's section of the Fonz Moto [Knowledge Centre](#) for the latest information.



This symbol highlights critical safety information. Failure to follow these instructions may result in serious injury, loss of life, fire, or damage to the vehicle.



Always follow charging, storage, and handling guidelines to reduce the risk of battery cell damage, degradation or fire. Use only approved FONZ chargers and components. Improper use, damage, or modification of the battery may increase the risk of fire, injury, or property damage.

Running-in your Vehicle



It is important to get to know your vehicle before riding. Read the Owners Manual and pay particular attention to powerpack care.

Brakes & Tyres

Ride slowly and apply brakes gently to run in tyres and brake pads during the first 200 kms. We recommend keeping speed below 45km/h during the run in period.

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Fonz Moto Pty Limited (Fonz Moto) reserves the right to make changes at any time without incurring obligation.

Powerpack (Battery)

Allow 5 to 8 charge cycles for optimal Powerpack performance as the system learns your Powerpack cells. During the first 200 kilometers do not to drop your Powerpack battery below 40% SOC.

Safe riding

Always conduct a pre-ride check before you turn on and ride the vehicle.

This will prevent any accidental damage to equipment.

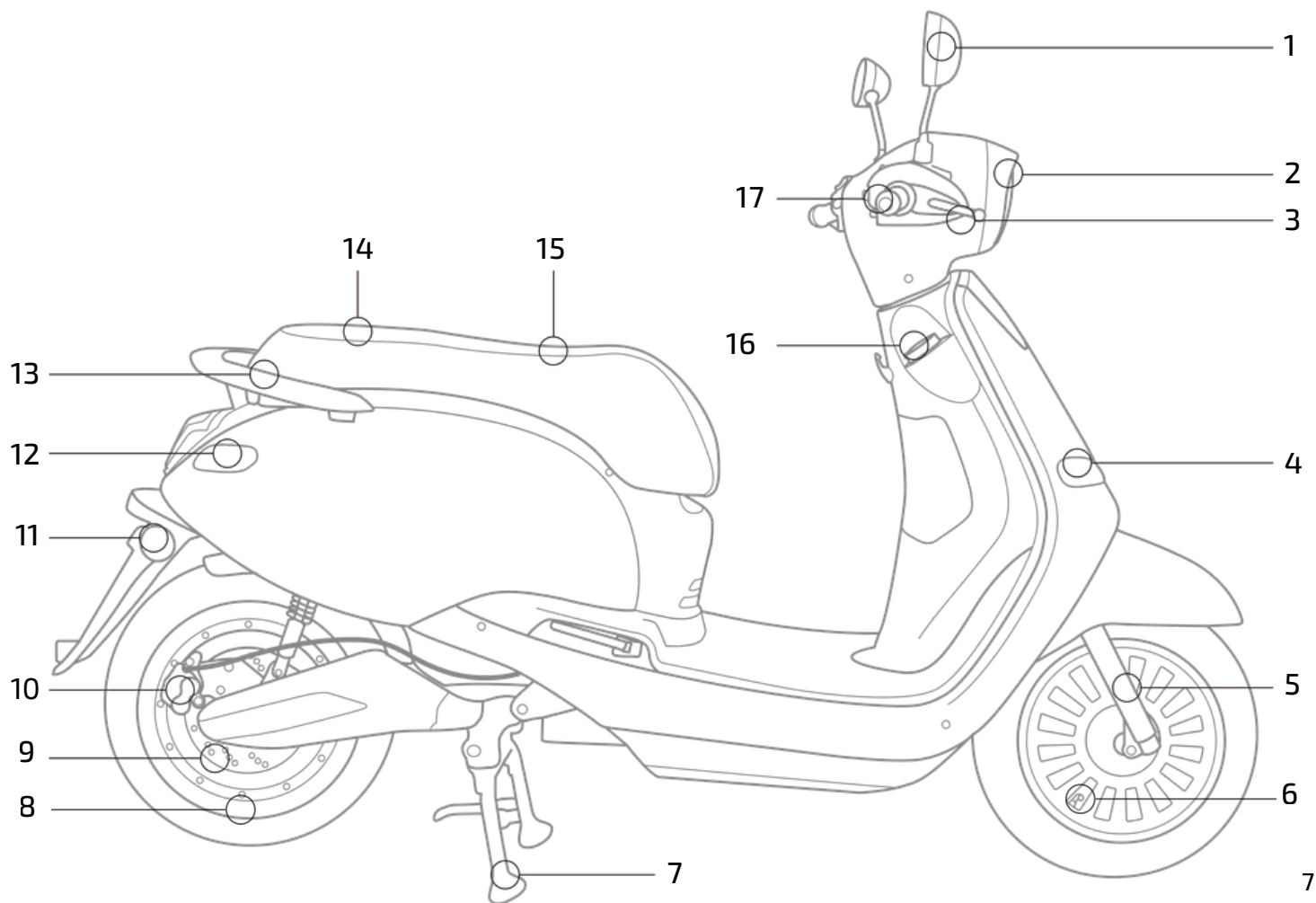
1. Obey all road regulations, and ride in a manner befitting road conditions.
2. Keep your hands and feet fixed firmly to the scooter at all times when riding.
3. Always take extra caution at intersections, in high traffic situations, and when lane filtering.
4. Your safety depends in part on the good mechanical condition of the vehicle. Follow the Fonz Moto Service Schedule
5. A compliant motorcycle helmet must be worn at all times when riding.
6. Wearing a rider jacket, gloves and boots is strongly advised.
7. Ensure that you hold the required rider licence for your state.
8. Never lend your vehicle to an inexperienced rider.
9. Never ride in another driver's blind spot. Wear bright or reflective riding gear to increase your visibility.
10. It is your responsibility to follow the local road rules in your state or territory. Fonz Moto does not accept liability for not adhering to local road rules. Local road rules and tips can be found on the website of your local transport authority
11. Be responsible off the road. Failure to follow Powerpack storage and charging instructions as described in this Owners Manual may void the warranty of your Fonz vehicle. These guidelines have been rigorously tested to ensure maximum Powerpack efficiency, life and user safety
12. Prior to each use the rider must check everything in the pre-ride section, and the charge level of the Powerpack as indicated on the dash display charge indicator
13. Above all, ride to live; employ common sense in all traffic situations. Further riding rules and tips can be found on the website of your local transport authority.

See Running in Procedure for important info about running in your vehicle

Equipment



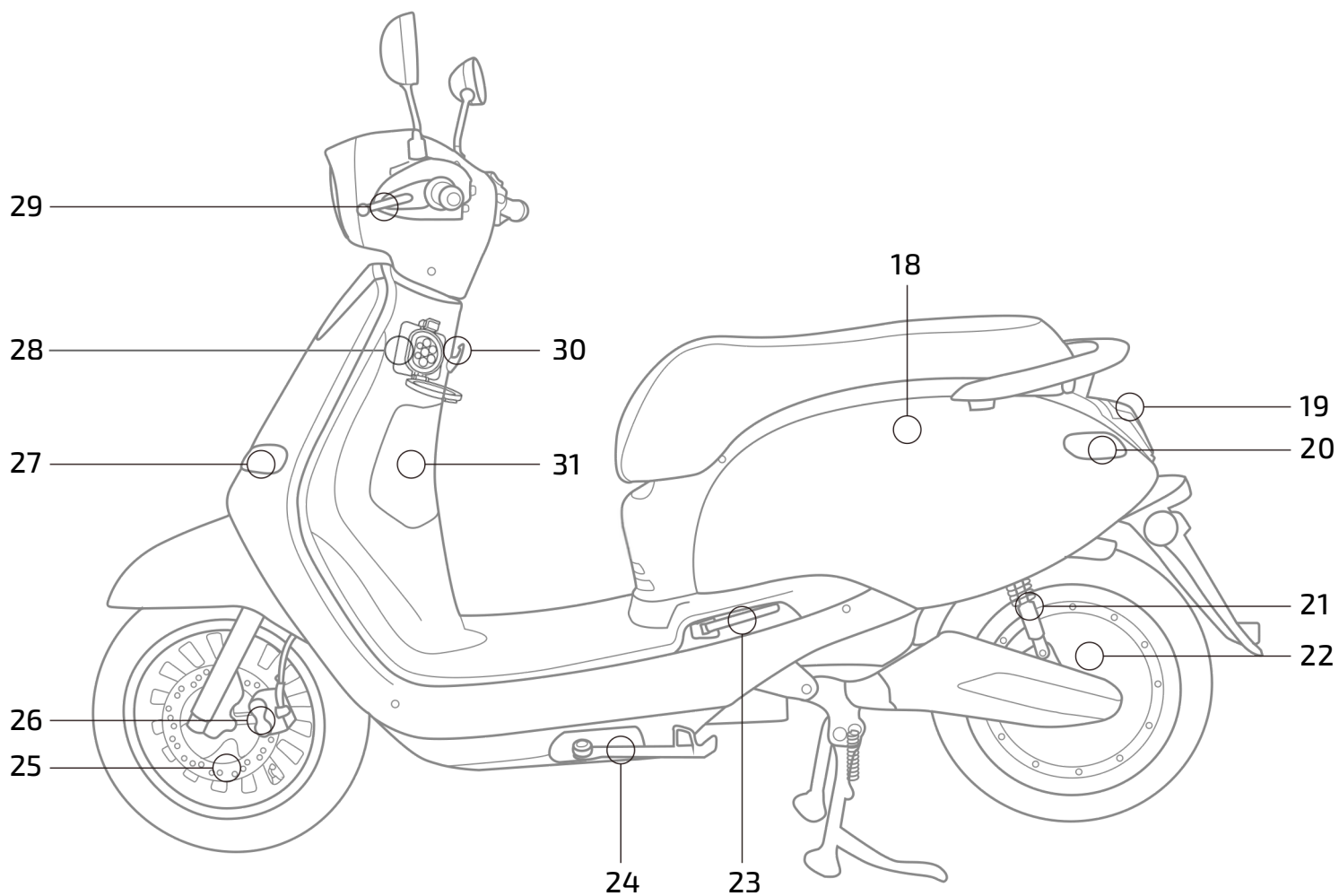
1. Rear view mirrors
2. Headlamp
3. Front brake lever
4. Front indicator
5. Front suspension
6. Front TPMS
7. Centre stand
8. Rear TPMS
9. Rear disc brake
10. Rear brake caliper
11. Rear reflector
12. Rear indicator
13. Pillion dink grips
14. Pillion
15. Saddle
16. Ignition
17. Throttle



Equipment

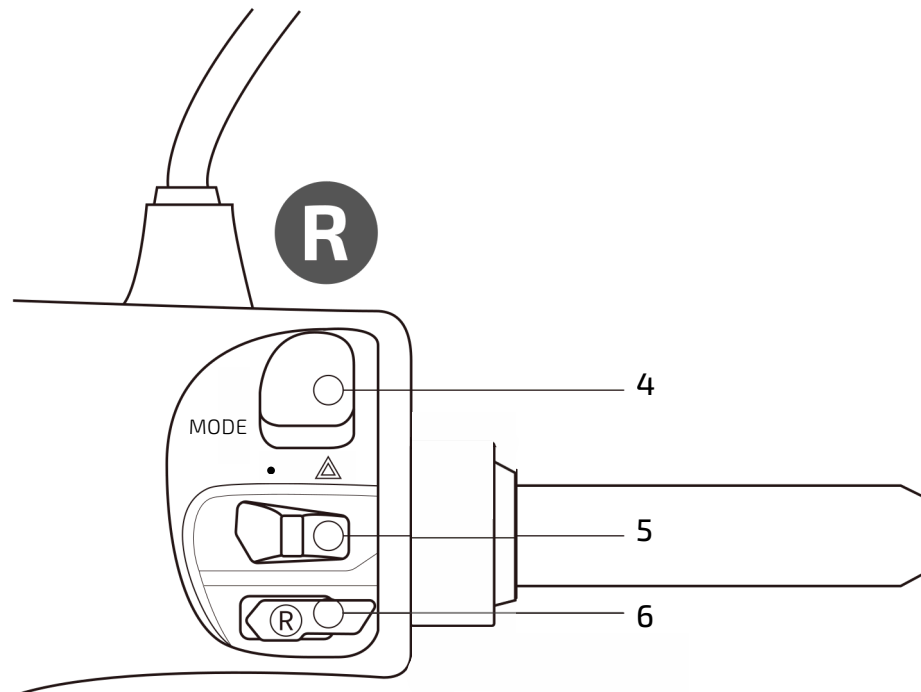
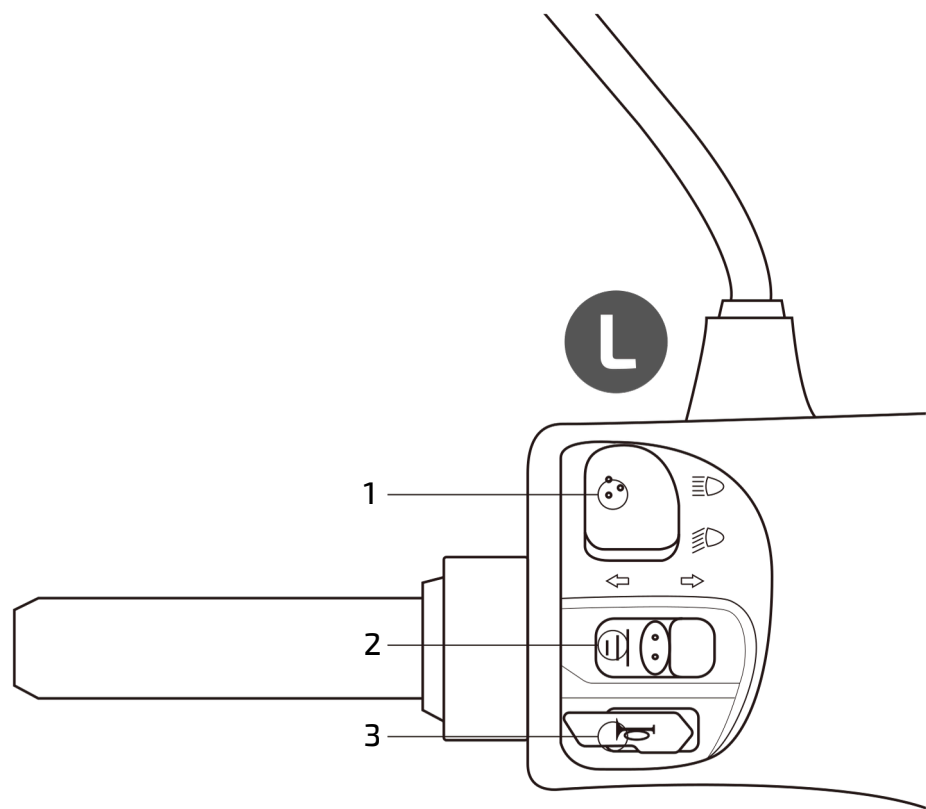


- 18. Under saddle storage
- 19. Tail light
- 20. Rear indicator
- 21. Rear suspension
- 22. Motor number
- 23. Pillion foot pegs
- 24. Side stand
- 25. Front disc brake
- 26. Front brake caliper
- 27. Front indicator
- 28. Type 2 charging port
- 29. Rear brake lever
- 30. Bag hook
- 31. Storage Compartment with USB port



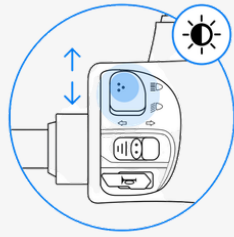
Handlebars

1. High beam/Low beam
2. Indicator switch
3. Horn
4. Power modes
5. Hazard switch light
6. Ready & Reverse



Instruments

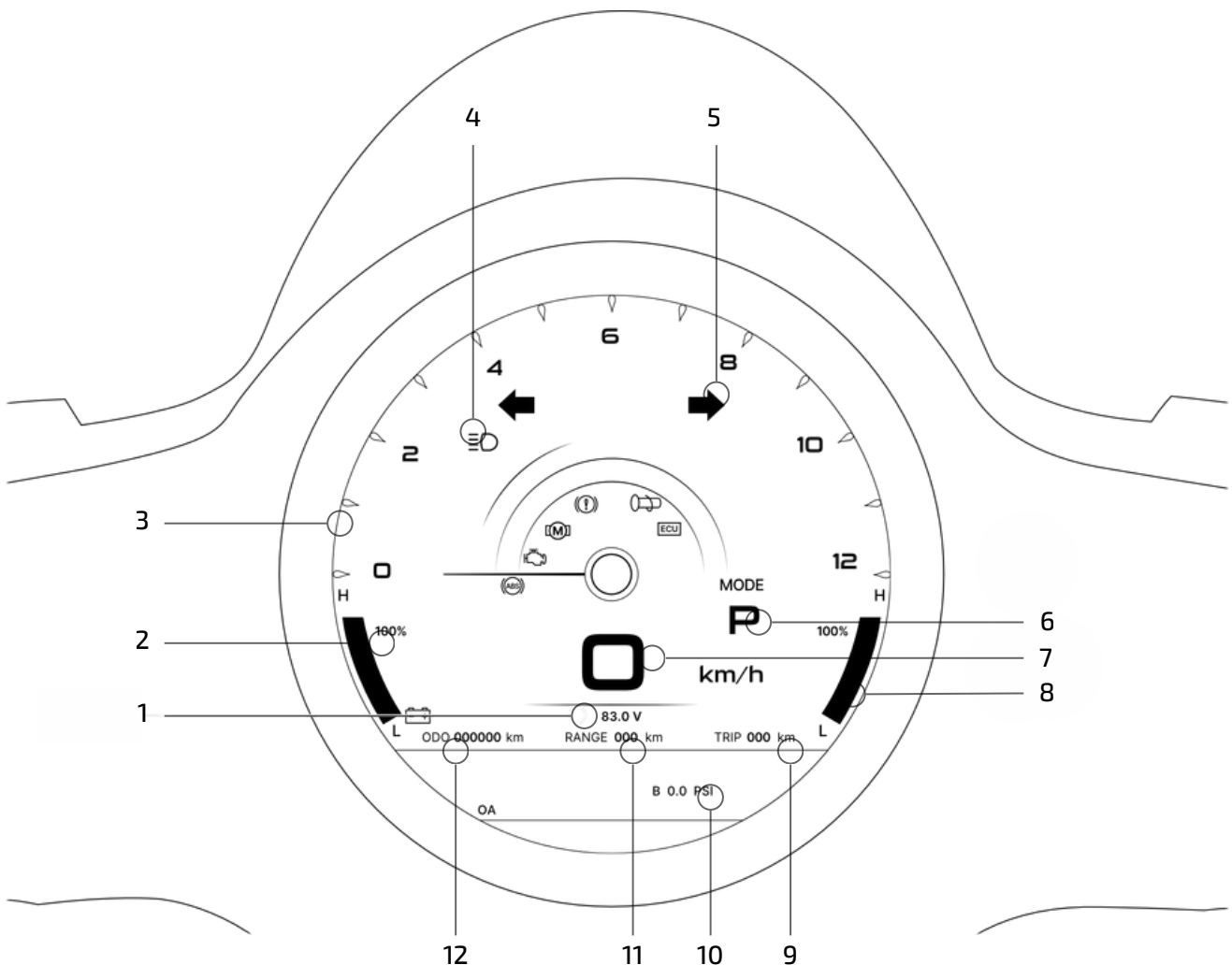
Light & Dark mode



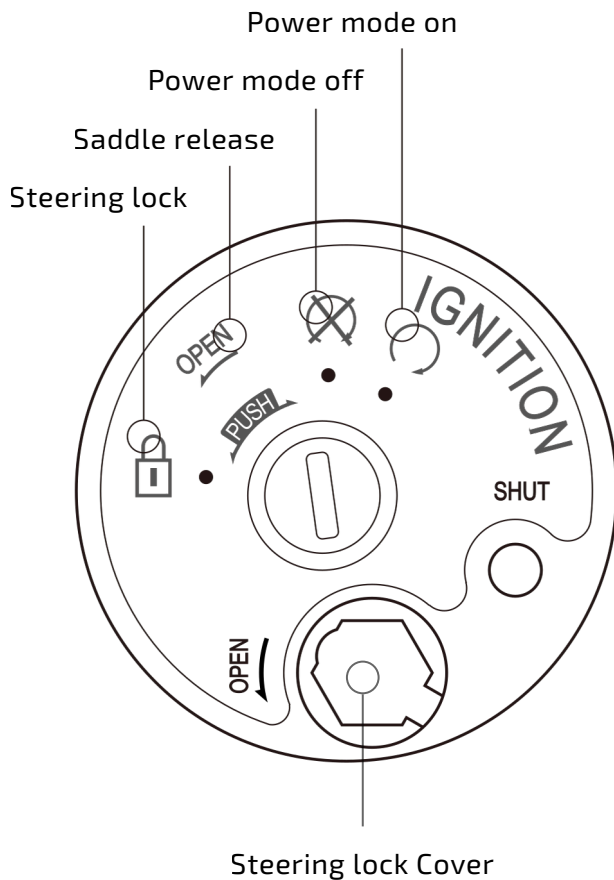
The display starts in Light mode when the ignition is turned on with the low beam active, and in Dark mode when started with the high beam active.

To switch between modes while riding, rock the left switch up to high beam then immediately back down to low beam.


1. Powerpack total Voltage
2. PowerPack percentage
3. Power<->Regen Meter
4. High beam signal
5. Indicator on signal
6. Power mode
7. Speed
8. Powerpack secondary
9. Trip timer/meter
10. F/R tire pressure
11. Estimated range
12. Odometer




Ignition



Power On / Off

1. Insert key
2. Turn key clockwise to ON position 
- NOTE: If the barrel spins freely, the wrong key has been inserted. Remove it, reinsert the correct key and continue turning until the barrel re-engages.
3. Display will load for a few seconds. Power mode 1,2,3 will display then "P" signal will
4. Press the 'Ready' button and the 'Ready' signal will display
5. Your bike is ready to ride


Saddle Release

1. Insert key 
2. Gently turn the key slightly further than the OFF position to disengage saddle latch

NOTE: do not push down on the key or saddle cannot release.

Steering Lock

As an anti-theft precaution, your vehicle is fitted with a steering lock.

1. Complete the parking procedure
2. Ensure the handlebars are in the full left position
3. From the OFF position, push down on the key, and rotate anticlockwise to the STEERING LOCK position 
4. If the steering lock does not immediately engage, gently rock the handlebars a few degrees left to right while turning the key

Disengaging Steering Lock

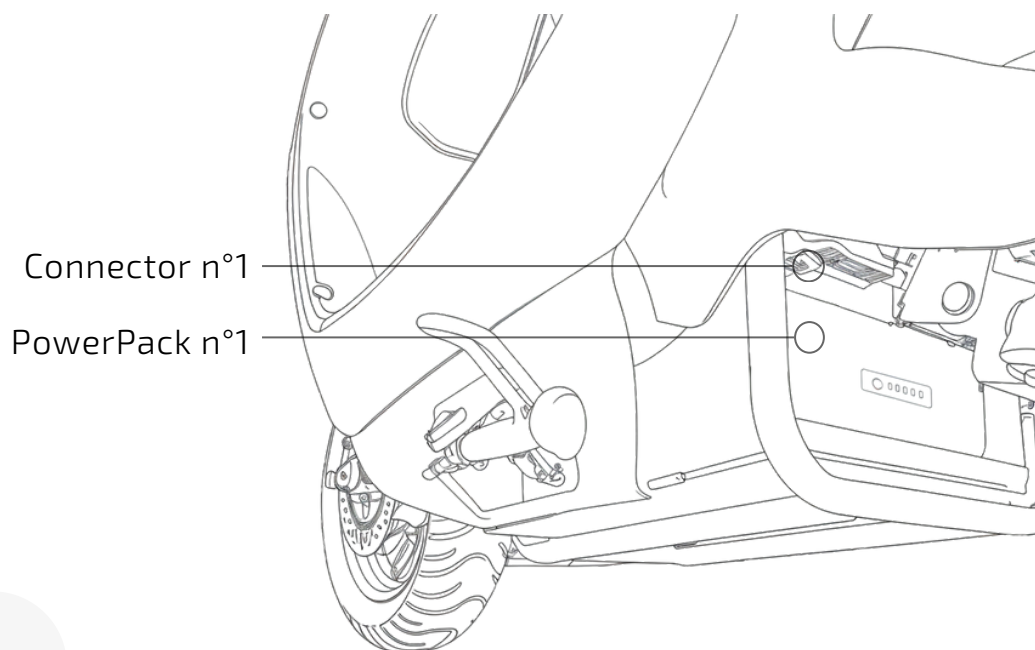
1. Handlebars will be in the full left position
2. From the STEERING LOCK position, push down on the key, and rotate key clockwise to the OFF position
3. If the steering lock does not immediately disengage, gently rock the handlebars a few degrees left to right while turning the key

Steering Lock Cover

1. After engaging steering lock press the 'Shut' button to close the Steering Lock Cover
2. To re-open the steering cover use the end of the ignition key anti-clockwise to OPEN

TIP: Watch the Z Series induction video on [YouTube](#) to see features and functions of your vehicle

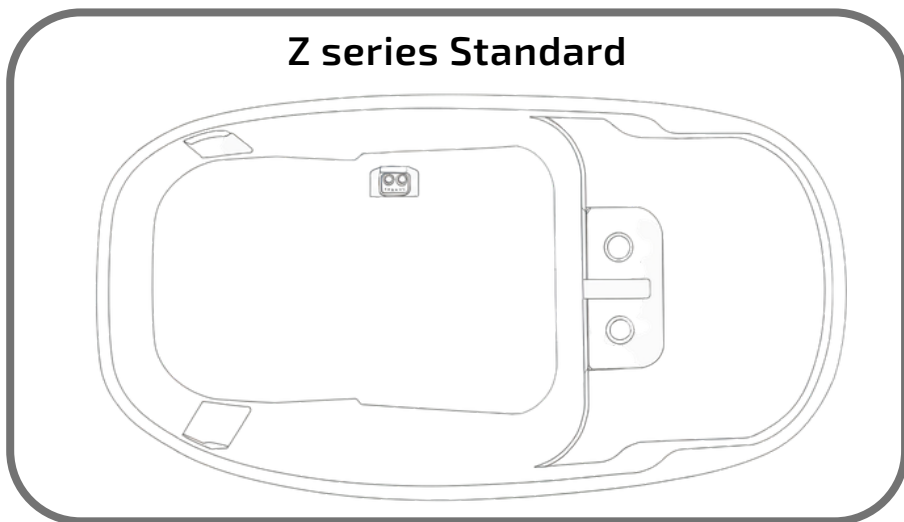
Powerpack battery



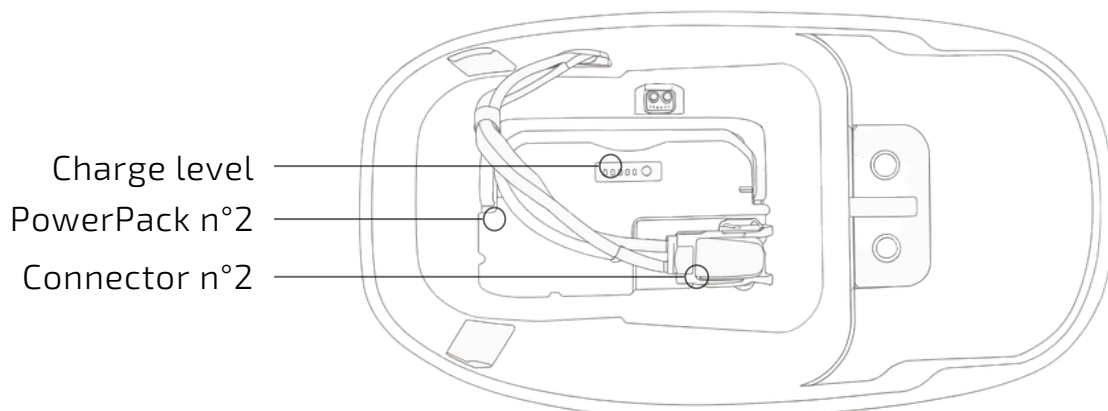
Powerpack service

The Powerpack is a lithium ion power system. It must only be maintained and serviced by a Fonzi Moto certified Powerpack technician. Do not open the Powerpack. Ensure to keep up with the FONZI Moto Service Schedule

Z series Standard



Z series Long Range



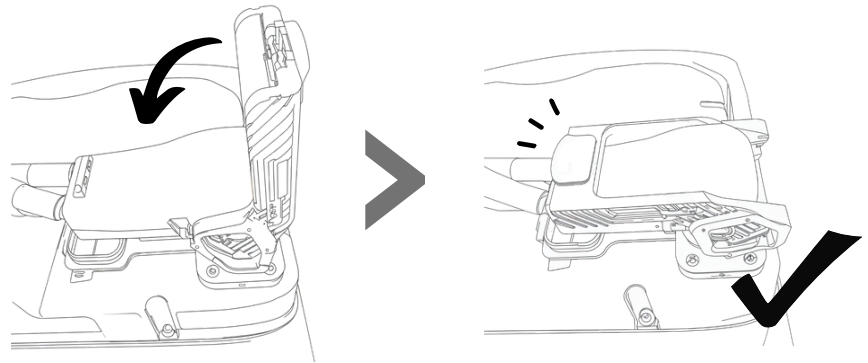
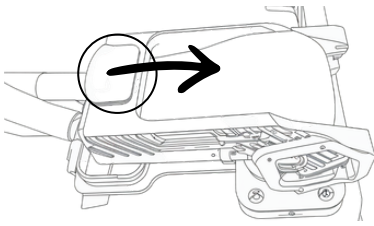
Note: When the secondary battery is not in use, keep the connector clean and dry and protected from the elements.

Powerpack battery

Installation of Secondary PowerPack

1. Insert the key, and turn anticlockwise to the saddle latch release position
2. Remove key from ignition
3. Lift the saddle
4. Insert the PowerPack into the holding bay
5. Connect the power connector
6. Press the lever down until you hear a clicking sound, confirming it is securely connected.

Note: To disconnect the power connector, press the red release tab on the connector and lift the handle.



Warning: Any problems caused by malfunction of the Powerpack due to unsuitable use and care of Powerpack Cells are not covered under warranty. The handling conditions described above must be followed or the warranty will be voided.

Powerpack battery

Powerpack Storage & Care

Storing the Powerpack for extended periods (i.e.: longer than two months) can result in minimal loss of capacity (maximum 1-2%). Storing the Powerpack in ideal conditions will obtain optimum safety and minimise the effect of capacity loss. Avoid storing your Powerpack in humid or damp environments, as exposure to moisture can cause corrosion of battery contacts and internal components. For more information on ideal storage conditions, visit the Fonz [Knowledge Centre](#).

Weather

During extremely hot temperature, after riding, allow 1 to 2 hours before recharging your Powerpack. In these conditions its best to remove the Powerpack from your vehicle during charging.





Charge Intervals

While the battery cells in your Powerpack will not be affected due to charge memory, from time to time you should discharge your Powerpack to calibrate with the cell management system

TIP: For a longer service life, prevent arcing damage in the Power Connector by turning the ignition to OFF position at any time the Power Connector plug is being connected / disconnected.

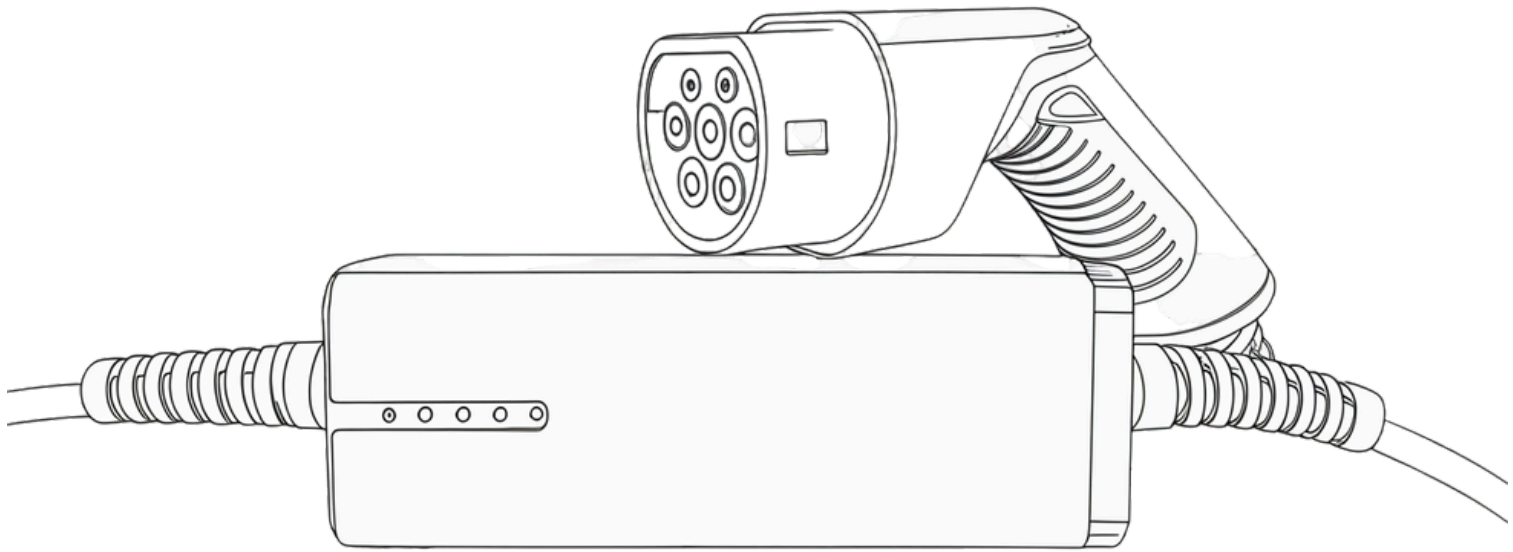
Visite FONZ [Knowledge Centre](#) section Powerpack for more tips

Warning

-  Powerpack must not be stored at 0% discharge. If Powerpack is discharged to 0% and not recharged immediately, DO NOT attempt to recharge the Powerpack. Contact Fonz Moto Customer Support on 02 8520 3905 to arrange an assessment
-  If there is any damage or malfunction to the Powerpack or charger discontinue use immediately and contact Fonz Moto customer support on 02 8520 3905 or use the [FONZ chat support](#)
-  Liquid must not be stored in Powerpack compartment. If liquid is spilled in the Powerpack compartment, discontinue use immediately. Contact Fonz Moto at support@fonzmoto.com to arrange an assessment of the Powerpack
-  Dispose of the Powerpack according to your state and local laws. It is important to recycle the Powerpack rather than disposing of it in landfill. Please contact Fonz Moto at support@fonzmoto.com or locate a recycling center in your area.

Charger

Home/outdoors



	Z Series SR	Z Series LR
Connector	Type 2 fast charge	
Charge Time	1-1.5 hr	2.5-3 hr

LED Indicator Status

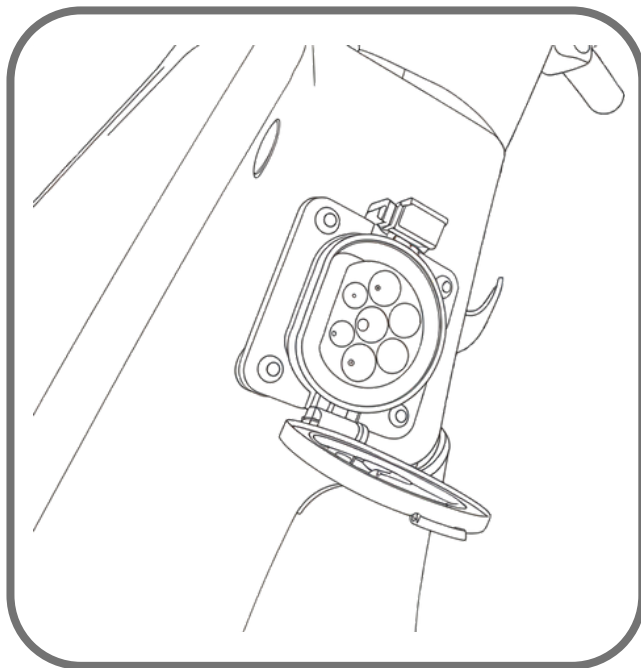
Disconnected Mode	Connected Mode	Charging Mode	Finish Mode	Fault Mode
●	●	○	●	● ○
○	●	●	●	● ○
○	●	○	●	● ↔ ○
○	●	●	●	● ○
○	●	○	●	● ○
Light	Light(green)	Rolling(green)	Light(green)	Flashing(Red)

Charger

Home/outdoors

Follow these instructions to charge the Powerpack with the Type 2 Charger

1. Use a supported type 2 charger (visit the Fonz [Knowledge Centre](#) to see compatible public chargers)
2. Turn on the charger
3. Ensure the vehicle is turned off
4. Open the Type 2 charging port cover and plug in the charger
5. Once charger indicates that the Powerpacks are charged, unplug

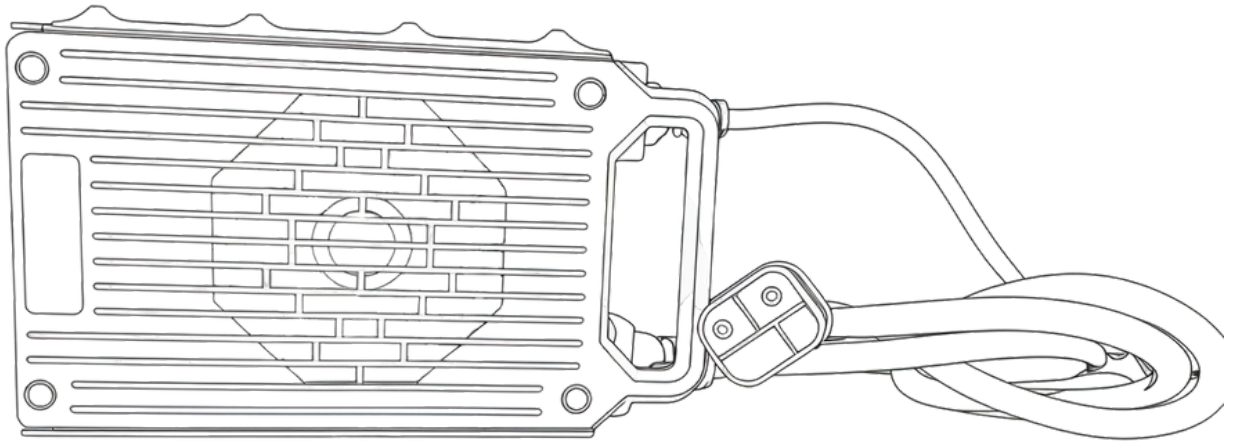


Charge Intervals

While the battery cells in your Powerpack will not be affected due to charge memory, from time to time you should discharge your Powerpack to calibrate with the cell management system

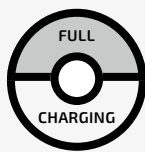
Charger

Home/indoors



	Z Series SR	Z Series LR
Connector		Higo
Charge Time	3.5-5 hr	7.5-8 hr

LED Indicator Status



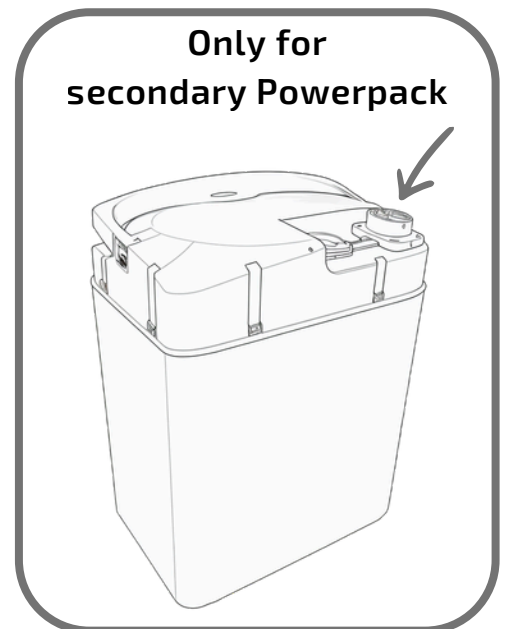
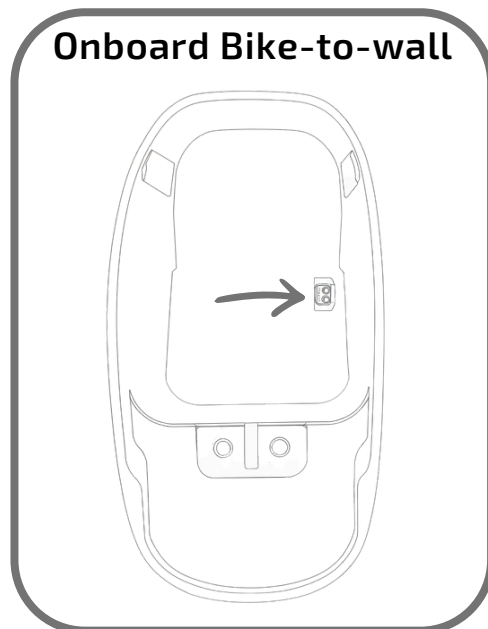
Charging	Red light blinking
Full	Green light glowing
Empty Load	Green/red alternate blinking
Over voltage	red/green/red - - -
Ambient Temp. to High	green/red/green - -
Charger overheating	green/red - - - -
Output under-Voltage	red/green - - - -
Input AC fault	red/green/red/green/red -
Integrated fault	green/red/green - - -

Charger

Home/indoors

Follow these instructions to charge the Powerpack Indoors

1. Connect the Charger to 240V mains power outlet
2. The Charger LED will display Green
3. Ensure the bike is turned off
4. Connect the plug of the Charger to the charging port onboard the vehicle
5. When the Charger LED display changes to Red, this indicates the Powerpack is charging
6. Upon completion of charging, the Charger LED will display Green
7. Disconnect the charger from the onboard charging outlet when charging is complete.



Warning




For vehicles equipped with **the LR Range Extender**, the difference in charge level between the two batteries **must not exceed 20%**. If the Extender is installed, ensure it is within a tolerance of 20% before plugging it in to ride.

Charge Intervals

While the battery cells in your Powerpack will not be affected due to charge memory, from time to time you should discharge your Powerpack to calibrate with the cell management system

Powerpack Storage & Care







 The best practices and care to ensure the longevity and health of your Powerpack cells when not in use. If you are not riding the bike for extended periods of time, you should leave the charge between 60-90%. Never store Powerpack below 20% for more than a week. Avoid discharging to 0%. If 0% is reached, charge immediately

TIP: If travelling with charger, ensure it is secured to avoid damage













TIP: Frequent charging will not affect life cycles, from time-to-time ensure discharging to calibrate cells to Powerpack management system

TIP: After rapidly discharging the Powerpack, e.g. riding for greater than one hour in high temperatures (e.g. $< 40^{\circ}\text{C}$), allow the Powerpack time to cool before recharging

Warning

-  Every Fonz Moto charger has been tested before shipping. Please contact customer support immediately if there is any damage or malfunction to the charger and discontinue use immediately.
-  Always charge the Powerpack in a location that is well-ventilated and away from combustible materials, liquid. Do not charge the Powerpack out of the vehicle outdoors. Ensure the Powerpack is in a cool, dry place and protected from the elements when charging and stored.
-  Only charge the Powerpack with the Fonz External Charger supplied from factory or the Fonz Onboard Charger fitted from factory or approved FONZ accessory chargers compatible with the Powerpack. Using unapproved chargers will void the vehicle warranty, and may cause damage to the Powerpack management system, Powerpack failure, or even fire.
-  You must only use the charger supplied by Fonz Moto. Do not use aftermarket products with the powerpack. Aftermarket products that have not been rigorously tested may cause.
-  DO NOT use a domestic extension cord or powerboard to charge your Powerpack.
-  Make sure the voltage from the AC outlet matches that required by the charger (240V). Fonz Moto is not responsible for any improper operation. Fonz Moto chargers sold in Australia are only designed to be used in Australian 240V power outlets with FONZ Powerpack. To ensure safe and efficient power delivery

Charger Safety Information

-  NEVER store indoor chargers outdoor. Always store in a cool and dry indoor environment when not in use.
-  DO NOT place the output cable, power outlet or charger on a wet surface.
-  NEVER use the charger with defective power outlet and/or damaged wires.
-  DO NOT use store, charge or use in extremely humid conditions.
-  DO NOT place the charger directly in sunlight.
-  NEVER use the charger near flammable and explosive areas.
-  ALWAYS keep charger vent 10cm away from other objects. DO NOT cover.
-  Place the charger in a clean and ventilated environment while charging.
-  Plug in and unplug the AC power cord by grasping the plug.
-  Do not drag the power cord itself to reduce risk of damaging power cord.
-  Do not use a domestic extension cord or power cable to charge.
-  Charger is designed for indoor usage unless specified otherwise, must not be stowed on-board the vehicle.

These techniques will ensure system integrity and precisely control the charging voltage and current. The Powerpack will be fully charged but not overcharged. Frequent charging will not affect life cycles. From time-to-time ensure discharging calibrate cells to Powerpack management system by charging & discharging 100% 5%.

The warrannty is void if:

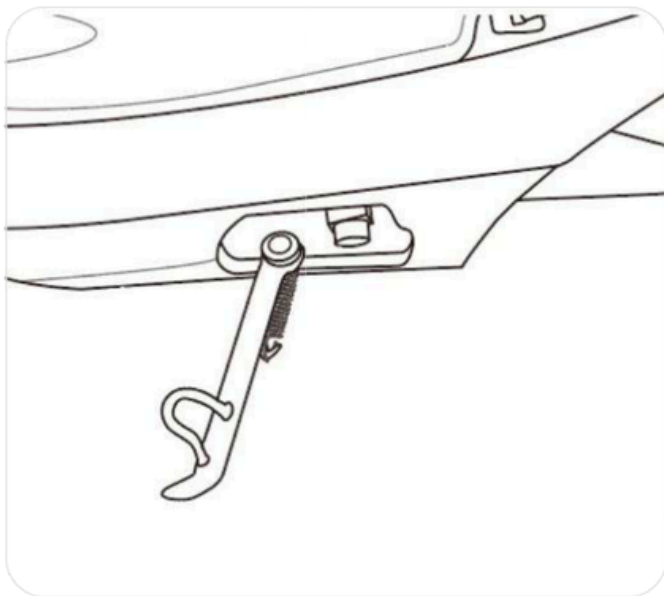
- Operation instructions are not followed
- Warranty period has passed
- Damage is caused by improper operation
- Damages caused by force majeure
- Service schedule is not kept up

Stands

Side-stand

Use the side-stand when parking the scooter for a short amount of time.

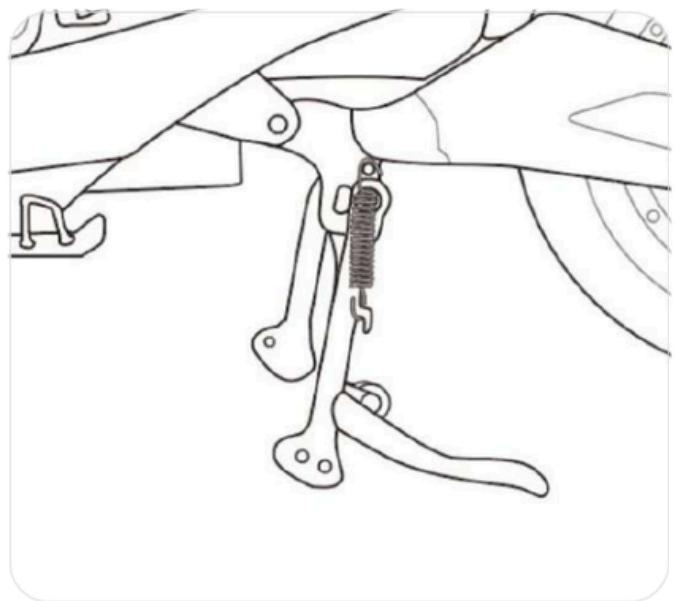
1. Position the scooter such that it is on firm level ground. If you must park on inclined ground, ensure that the front wheel is pointing up-hill.
2. Complete the parking procedure
3. Swing the side-stand down, and support the scooter on the side-stand.
4. Dismount the scooter, and turn the handlebars fully to the left
5. Turn the key to the OFF position.



Centre Stand

The centre stand should be employed when parking the scooter for extended periods or when undertaking maintenance.

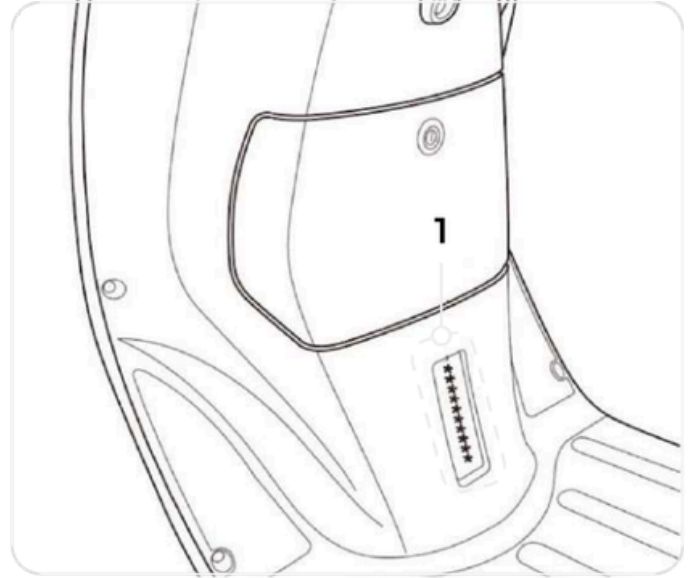
1. While dismounted, hold the left hand grip with your left hand.
2. With your right hand, hold the pillion passenger left hand grip
3. While applying firm pressure to the main stand foot lever, gently lift the rear of the scooter. The scooter will move backwards as it levers up onto the centre stand.
4. Ensure the weight is fully supported by the main stand before you release grip of the scooter.
5. Turn the key to the OFF position.



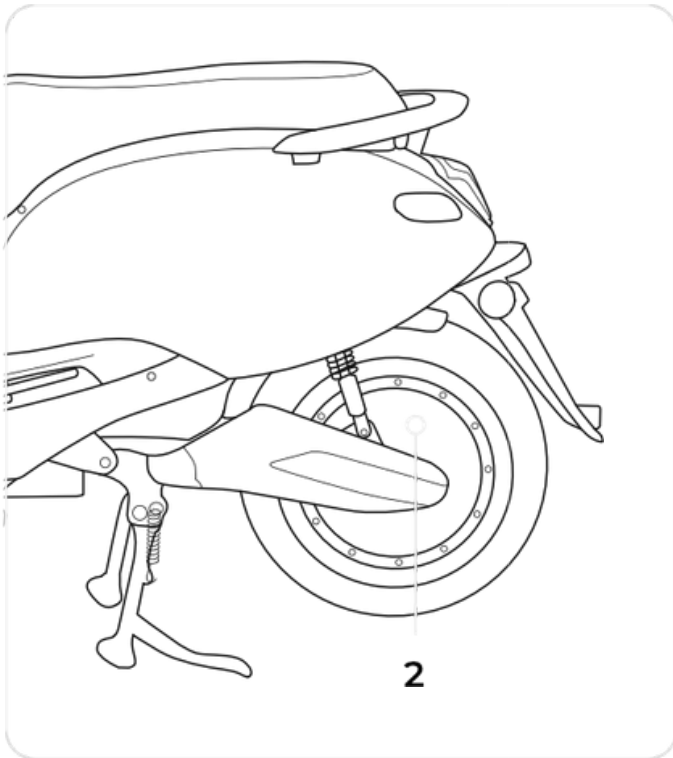
Vehicle Identification

1. Vin number Location

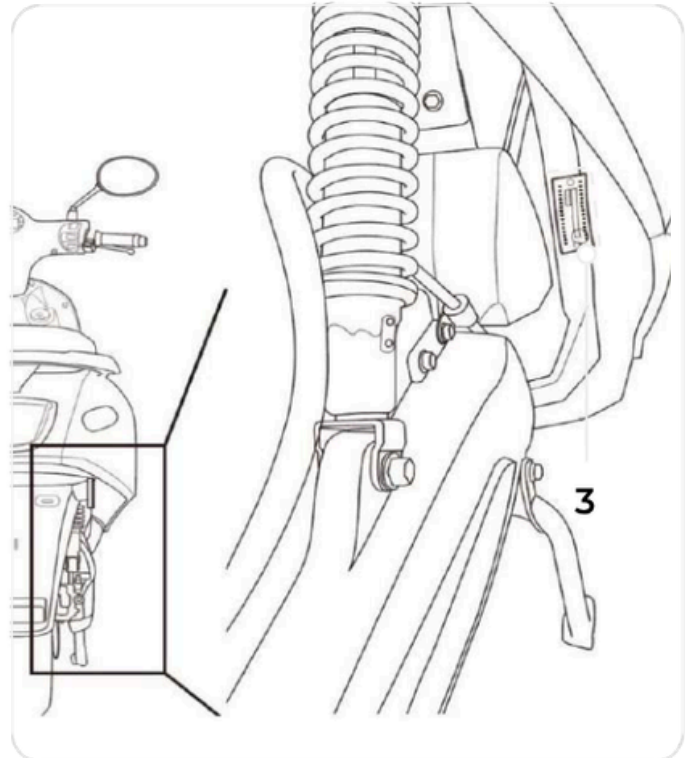
The VIN is located underneath the glovebox, simply remove the cover that says "VIN"



2. Motor Serial Location



3. SVI Compliance Plate



Pre-Ride Inspection

A pre-ride inspection will only take a few minutes, and should be conducted every day before you ride your FONZ

1. Powerpack – ensure the Powerpack is correctly fitted, and cables correctly attached. Check charge level is sufficient for distance of travel
2. Tyres – check condition and pressure
3. Lights and Indicators – check for correct operation
4. Throttle – check for correct and smooth operation

If you identify an issue, resolve before you ride. Contact an authorised motorcycle repairer if you cannot correct the issue.

Starting Procedure

1. Insert the key and turn clockwise to the ON position - Display will load for a few seconds. Power mode 1,2,3 will display then "P" signal will display. This indicates the scooter is in Park mode.
2. Mount the scooter, and move side-stand to stowed position.
3. Ensure the kill-switch is in the RUN position.
4. Ensure the side-stand is UP and all warning lights are extinguished
5. Press 'Ready' button - "READY" will display.
Alternatively, hold the brake lever for 5 seconds.
6. Your scooter is now ready to ride



If the pre-ride inspection is not conducted before using your vehicle, damage to equipment or injury could result.

Rider Safety

Review safety before you ride

After completing the starting procedure, your vehicle is ready for riding.

1. Slowly and smoothly open the throttle to accelerate
2. Close throttle to coast; momentum will continue to carry you forward

If you identify an issue, resolve before you ride. Contact an authorised your vehicle representative if you cannot correct the issue.

Braking

1. For slow braking under normal conditions, close the throttle and smoothly apply pressure to both front and rear brake control levers
2. For maximum braking, close the throttle and apply firm pressure to both the front and rear brake control levers. Ensure that you shift your body weight to a stable position and brace against the force of deceleration to maintain control of the scooter

TIP: Always 'set up' by braking before entering a turn, as firm application of brakes mid-turn may result in loss of control. When braking in wet conditions or on loose surfaces, reduce speed and ensure braking manoeuvres are smooth. Sudden application of brakes may result in reduced control.

Riding in wet conditions

1. Allow for a greater stopping distance than when normally riding
2. Ride at a slower speed than normal, particularly during cornering
3. If you think the charging port has been exposed to moisture, do not charge from the onboard charging port

Vehicle Functions

ABS

your vehicle Dual Channel Anti-lock Braking System (ABS) prevents the vehicle's wheels from locking during sudden braking. By preventing wheel lockup, ABS maintains traction and improves control of steering. Sensors on the wheels monitor wheel speed and modulate braking pressure as required. The ABS sensors monitor the speed of the wheel and pass data to an electronic control unit also known as the ABS module.

your vehicle's Dual Channel ABS provides more comprehensive protection by covering both wheels.

When braking pressure is applied, the ABS module detects if the wheels are starting to lock up based on the information from the sensor, adjusting brake pressure as required.

Regenerative braking

Regenerative braking is engaged automatically when braking applied, improving efficiency by returning energy to the Powerpack that would otherwise be wasted. View the Fonz Knowledge Centre for tips on getting the most out of this feature.

Low Power Mode

When the Powerpack charge drops below certain levels, the FONZ vehicle automatically reduces available power output as part of the system's protective design. This results in:

- Reduced throttle response
- Lower maximum speed
- Softer acceleration

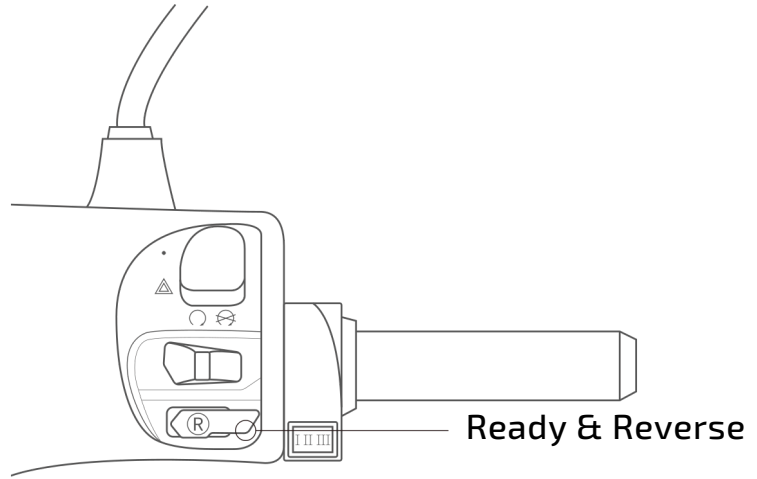
Pillion foot pegs

To open the foot pegs apply lateral pressure to the peg. To close the foot peg, gently tap the peg back in. Do not apply pressure

TIP: To enhance regen and reduce mechanical braking, set up early to brake and apply pressure to your brake levers lightly, engaging regenerative braking without applying mechanical brakes unless necessary

Vehicle Functions

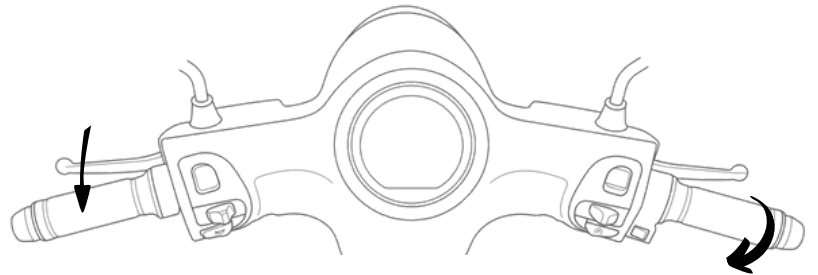
Reverse & Parking



TIP: Reverse will only engage after brake has been applied

1. After coming to a complete stop, hold down the BLACK Reverse button (Note this is also the button to put the vehicle into 'Ready' mode)
2. While holding Reverse, slowly open the throttle
3. The scooter will travel in reverse at a slow pace

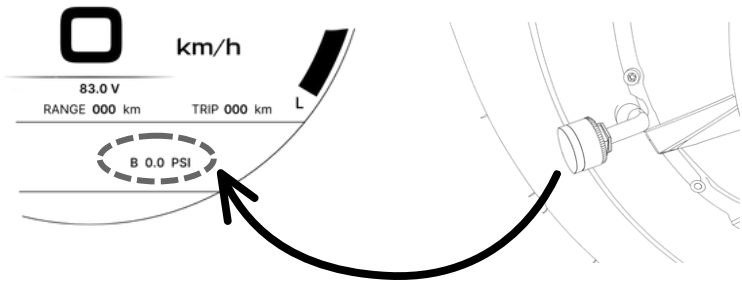
Hill Start



1. Stop the vehicle on the hill using the rear brake.
2. Keep the rear brake applied to hold the vehicle in place.
3. Apply a small amount of throttle gently. Do not accelerate aggressively.
4. Slowly release the rear brake. As the brake is released, regenerative braking disengages and the vehicle will begin to move forward.
5. Continue applying throttle smoothly

Vehicle Functions

Tire Pressure Measurement Sensors



Z Series models are equipped with a Tyre Pressure Monitoring System (TPMS) that continuously monitors the air pressure in both the front and rear tyres. Tyre pressure is displayed in PSI on the digital dashboard.

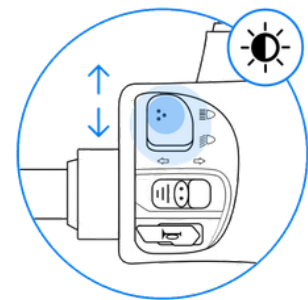
A warning signal will appear on the dashboard if the tyre pressure drops below 16 PSI or exceeds 35 PSI. This may indicate a slow leak, a puncture, or temperature-related pressure changes. Do not ignore this warning, as incorrect tyre pressure can affect vehicle handling and user safety.

To learn how to check and inflate your tyres, refer to the Maintenance section of this manual.

TIP: Having the correct tyre pressure will assist to avoid tyre wear and increase range.

CAUTION: TPMS sensors are located in place of the valve. It may become damaged by incidents such as hitting a curb, riding through a pothole, or riding on unsealed roads.

Light & Dark mode



TIP: The display starts in Light mode when the ignition is turned on with the low beam active, and in Dark mode when started with the high beam active.

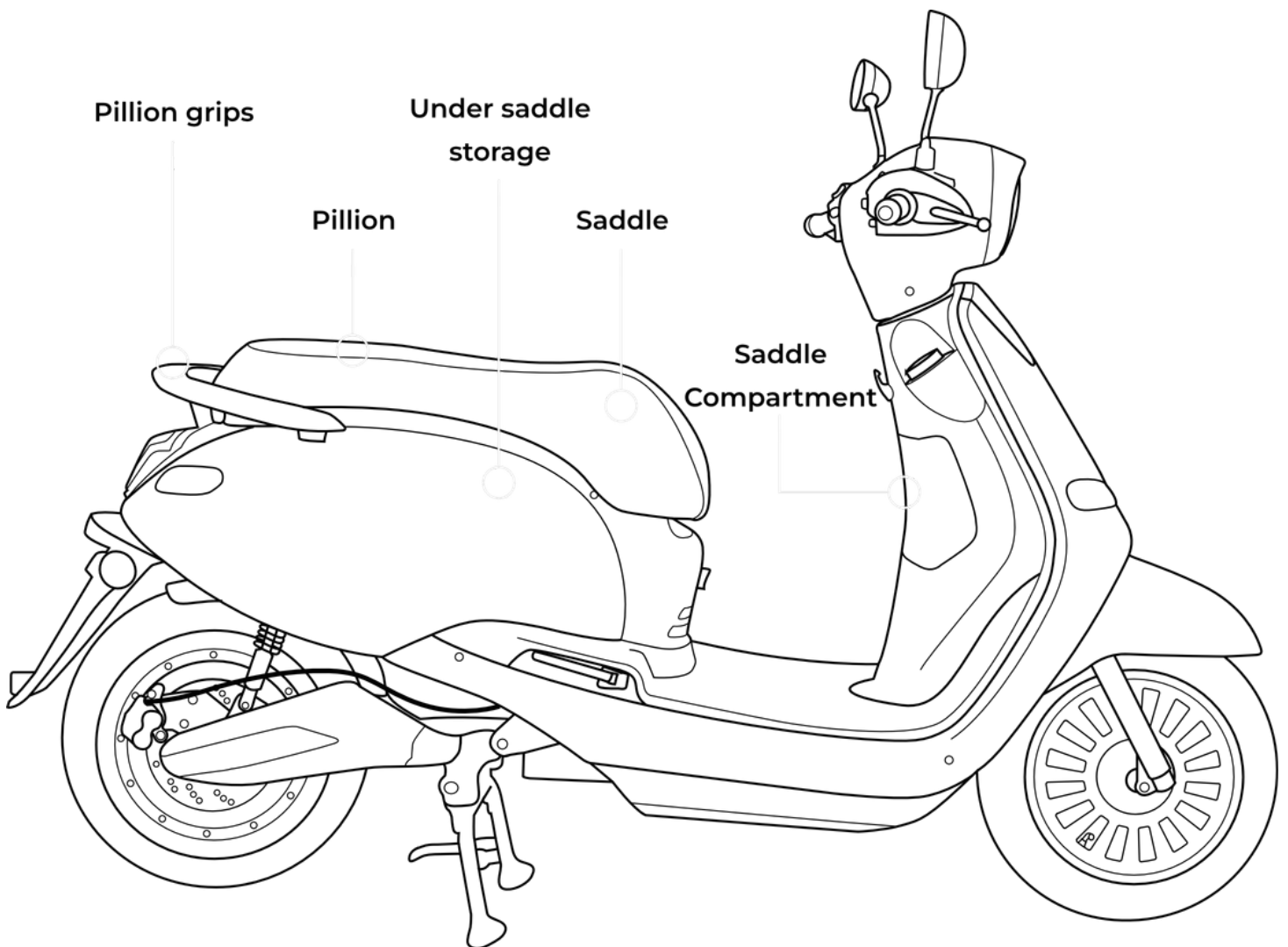
To switch between modes while riding, rock the left switch up to high beam then immediately back down to low beam.

Storage & Load

Combined weight of rider, passenger, accessories and cargo must not exceed the maximum rated load capacity of 150kg.

To improve stability when carrying cargo, try to position much of the weight low near the scooter's centre of gravity.

Never attach heavy items directly to the scooter's handlebars, as handling and steering response will be significantly impeded.



Storage & Load

TIP: Weight distribution is an important factor in the stability and control of a scooter. Take care when adding accessories or cargo to the scooter, as this can impair the performance of the vehicle.

NOTE: In general, Australian & New Zealand states whereby a FONZ LA Category Moped can be operated under a driver licence only, the operator cannot carry a pillion. Laws vary by region. Be sure to check with your local state on pillion passenger rules

Pillion Passenger

The Z Series is licensed to seat one operator and one pillion passenger.

Powerpack will discharge more quickly while carrying a pillion passenger, due to additional load.

Ensure that the pillion passenger:

- Holds the pillion passenger grips.
- Places feet on pillion footrest.
- Leans into corners with the operator.

Accessories

All genuine and approved FONZ accessories are designed and tested to ensure that each is fit for use. Fonz Moto cannot be held liable for incompatibility, or damages incurred by the use of non-FONZ accessories or accessories used incorrectly

Maintenance

Cleaning & detailing

To maintain appearance, and prevent surface rust and corrosion damage to your vehicle, it is important to regularly clean your vehicle. This includes:

1. Wash with a diluted solution of car wash soap.
2. Rinse with clean water, ensuring water does not enter the Powerpack compartment.
3. Dry with a microfibre cloth.
4. Polish with a wax based spray protectant, and buff with a microfibre cloth.
5. Ensure to remove the auxiliary powerpack and do not use high pressure hoses around powertrain equipment including Powerpack battery, charger, motor

Important

If the vehicle is exposed to the elements excessively, e.g. not garaged and kept close to the sea, you should clean the vehicle more regularly to maintain condition

Warning

Do not use corrosive or acidic car wash solutions. These solutions may damage the vehicle paint finish and components

Maintenance

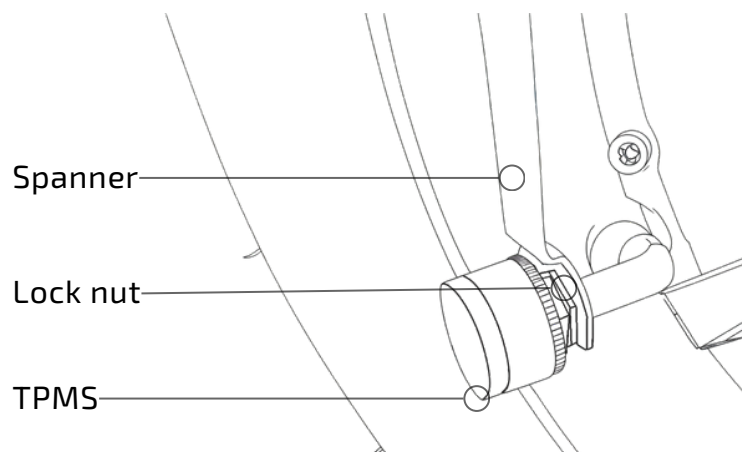
Tyre Specifications & Maintenance

Standard tyres for the Z Series are **120-70-12 tubeless**.

Inflation pressure should be checked on cold tyres 20°C periodically.

Tyre Inflation for the standard and premium tyres are: **Front: 32PSI, Rear: 34PSI**. The tread depth should be greater than 1.6 mm.

You are provided a small key on your keyring. This is to assist with removing the tyre pressure sensor covers when putting air in the tyres



TIP: While installing the sensor, you may hear air leaking out. Continue tightening the sensor until the leaking sound stops. Try to work quickly to minimize air loss.

TIP: Having the correct tyre pressure will assist to avoid tyre wear and increase range.

CAUTION: TPMS sensors are located in place of the valve. It may become damaged by incidents such as hitting a curb, riding through a pothole, or riding on unsealed roads.

1. Screw the lock nut onto the valve stem by hand, turning it clockwise until it is fully threaded.
2. Screw the TPMS sensor onto the valve stem by hand, turning it clockwise.



Do not overtighten the TPMS sensor, as this may prevent the sensor from reading the tire pressure correctly.

4. Turn the lock nut counterclockwise until it sits firmly against the TPMS sensor.
5. Secure the assembly by tightening the lock nut with a spanner while holding the TPMS sensor in place with your other hand.

Tyre Care and Replacement

Inspect both wheels and tyres regularly. If any of the below conditions are observed, see your authorised repairer to replace the wheel or tyre immediately.

- Bends or cracks.
- Worn tread below 1.6mm
- Impact marks.

Inspect both tyres for the following:

- Cuts, cracks, splits, or missing tread lugs in the tread or sidewall area.
- Bumps or bulges within the tyre body.
- Uneven tyre tread wear. Wear on one side of the tyre tread or flat spots in the tyre tread
- Indicate a problem with the tyre or vehicle.
- Exposed tyre thread or cords.
- Tread depth below 1.6 mm

If either of the wheels or tyres are found to have any of the above conditions, replace the wheel or tyre immediately.



Installation of non approved tyres may cause adverse handling and performance issues

Brakes

The Z Series has front and rear hydraulic disc brakes with ABS.

Brake system must be inspected during service to ensure there are no fluid leaks.

If brake control lever free play becomes excessive, and brake pads are not worn, air may have entered the hydraulic lines, and the hydraulic lines must be bled. See an authorised repairer.



Brake fluid is corrosive, and may cause irritation. Avoid contact with skin or eyes. In case of contact, flush thoroughly with clean water and seek medical attention if contact with eyes.

Service Schedule

See more information relating to the in the Service Schedule in the [Knowledge Centre](#)

# Item	Routine	Initial (MIN)	SCHEDULED SERVICE calculated by kilometers run or by time in months*					
		Every Ride	500 kms or 1 month	2500 km or 12 months	5000 kms or 24 months	10,000kms or 36 months	15,000 kms or 36 months	20,000 kms or 48 months
1. Brake fluid	Check brake fluid level front and rear. add brake fluid as necessary	✓	✓	✓	✓	✓	✓	✓
	Replace brake fluid.	Every 24 months						
2. Disc brakes, front/rear	Check operation and for fluid leakage. Replace brake pads if necessary	✓	✓	✓	✓	✓	✓	✓
3. Brake lever pivot shaft, front/rear	Apply silicon grease lightly. Check operation and for oil leakage. Service as necessary.		✓	✓	✓	✓	✓	✓
4. Wheels	Check run-out, and for damage. Replace if necessary.			✓	✓	✓	✓	✓
5. Tyres	Check air pressure. Correct if necessary. See PSI by model.	✓	✓	✓	✓	✓	✓	✓
	Check tread depth. Replace if necessary.			✓	✓	✓	✓	✓
6. Wheel bearings	Check wheel bearings for smooth operation. Replace if necessary.	✓	✓	✓	✓	✓	✓	✓
7. Steering / chassis bearings	Check all fittings and fasteners. Correct if necessary. Repack steering bearings at 36 months.		✓		✓	✓	✓	✓

# Item	Routine	Initial (MIN)	SCHEDULED SERVICE calculated by kilometers run or by time in months*					
		Every Ride	500 kms or 1 month	2500 km or 12 months	5000 kms or 24 months	10,000kms or 36 months	15,000 kms or 36 months	20,000 kms or 48 months
8 Fasteners	Check all fasteners, bearings, and fittings operation. Replace / adjust if necessary.			✓	✓	✓	✓	✓
9 Drive belt*	Check belt slack and condition. Check belt for cracking, wear, and/or damage at 20,000kms. Replace if worn/damaged. Replace every 40,000 kms.	✓	✓	✓	✓	✓	✓	✓
10 Suspension / shock absorber assy	Check operation and for oil leakage, front & rear. Service and rebuild if necessary.	✓		✓	✓	✓	✓	✓
11 Lights & controls	Check all external lights operate as required. Check instrument display and warning lights function. Check control switches operate as required.	✓	✓	✓	✓	✓	✓	✓
12 Throttle grip	Check operation and adjust if necessary.	✓		✓	✓	✓	✓	✓
13 Sidestand / sidestand switch	Check operation. Lubricate or replace if necessary.			✓	✓	✓	✓	✓
14 Powerpack / Power connector^	Check operation. Lubricate with non-conductive lubricant if necessary. Visual inspection. Service Powerpack at 48 months.				As required			

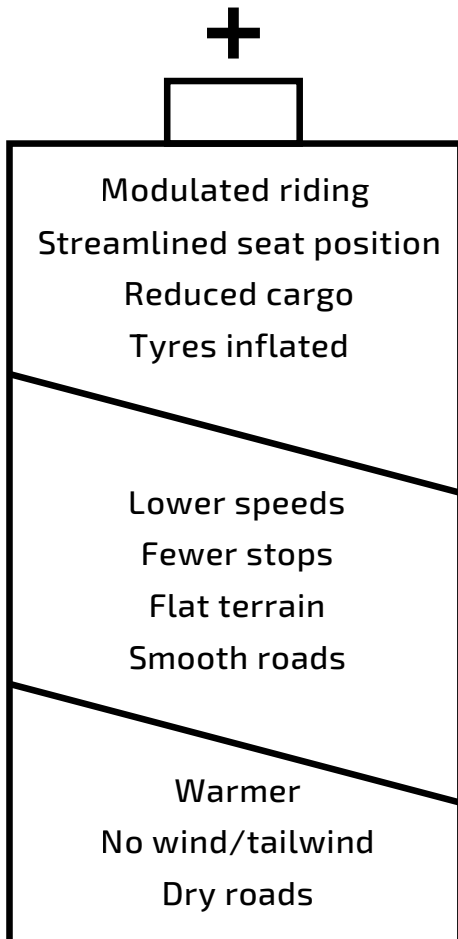
Range & Performance

Range results are a direct reflection of riding habits. The more conservative you ride, the better range you can expect from the vehicle.

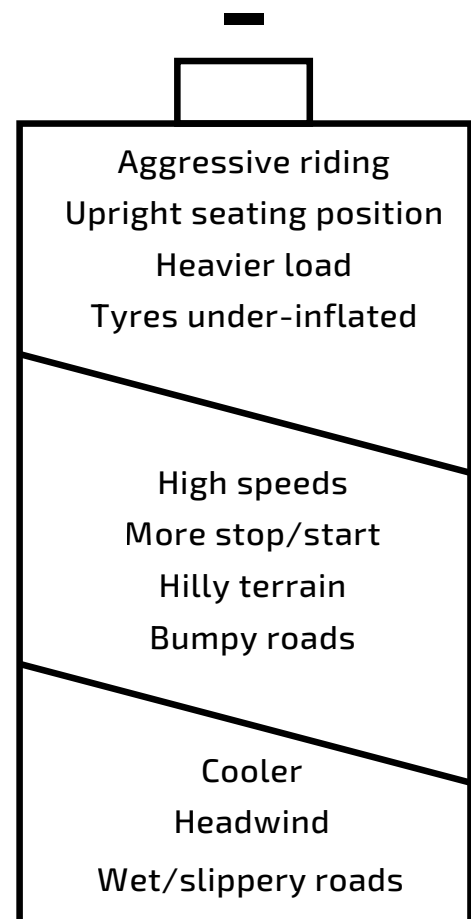
Key factors that will affect range include speed, acceleration, number of starts / stops, load weight, air temperature and terrain.

Ride conservatively when you first get your vehicle and adjust your riding style to reflect what you want out of your ride.

TIP: For information visit the [Knowledge Centre](#): What impacts the range of an electric motorcycle?



INCREASE RANGE



DECREASE RANGE

Warranty

Product Warranty, Returns and Legal

The Z Series has been subject to careful quality checks, inspections and test rides before delivery to you. Subject to the terms of the FONZ MOTO PTY LIMITED NEW VEHICLE LIMITED AUSTRALIAN WARRANTY, Fonz Moto will repair or replace any defects in the materials or workmanship of Arthu that are notified to Fonz Moto during the warranty period as follows:

- Major and General Components - 36 months or 20,000 kilometres warranty on the Powerpack (battery), controller, speedometer, motor and general components of the Vehicle covering manufacturer error

See the terms and conditions of the Product Warranty, Returns in the FONZ MOTO PTY LTD LIMITED AUSTRALIAN WARRANTY document in the Fonz Moto [Knowledge Centre](#)

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