

OPERATION MANUAL

Foxx 2 Electric 4-Wheel Recreational Scooter

Unit Model Number: ES 008 Z-4 (Red)



ADD FREEDOM SCOOTERS INC.
Live Your Life - Love Your Ride!



www.AddFreedomScooters.ca
1-800-SCOOTER

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Hamilton, ON Canada, L8M 1B3

Tel: 1-800-SCOOTER (1-800-726-6837)

Owner's Name:

Address:

Tel:

Vehicle Identification Number (VIN):

One-Year Parts Warranty Start Date:

One-Year Parts Warranty Expiration date:

Your Sales Representative is:

Delivery Date:

USER MANUAL

Introduction

Add Freedom Scooters Inc. offers innovative mobility solutions for you and your loved ones.

This Operation Manual is for the Foxx 2 electric recreational mobility scooter, model ES 008 Z4.

This new electric scooter carries a one year warranty on all the major parts as detailed in this manual. We offer excellent customer service and follow up care.

Our products have been tested and proven to have the highest quality according to Canadian standards.

Electric scooters contribute significantly to green mobility and a sustainable energy model that is growing exponentially every year.

Thank you and congratulations on your purchase of your new Foxx 2 Scooter.

Our scooters incorporate comfort and style with the latest in technology. The large tires, powerful motor and innovative MacPherson struts and front suspension ensure a comfortable ride. It is also complemented with a full light set that includes front and rear lights and indicators enabling it to be used on public roads, sidewalks, and park walkways and trails.

Your new scooter will add Freedom to your life and will allow you to go places that no other recreational vehicle could possibly go.

If you are not happy with your product or our service, please do not hesitate to contact us. We will be more than happy to address your concerns promptly and courteously.

Check List:

Before you operate the scooter

Locate the listed materials in rear basket or assembled on scooter:

1. Set of mirrors (pre-installed or in a box found in the under-seat storage compartment)
2. 60 Volt Battery Charger
3. Scooter Key and Remote Control Unit (2 full sets provided)
4. User Manual

Important

Please Read User Manual Before Operating Scooter

Quick Start Guide - Getting Started

1. Read User manual.
2. Adjust your seat to a comfortable position. Get on board. Put on & adjust seat belt.
3. Insert key into ignition. **Release**. Then turn key to the right. (**Don't force key**. Should be easy click. **Remember, release the key briefly** once inserted. Then turn.)
4. Set variable speed switch to speed 1 (the slowest speed – max 5 km/h).
5. Ensure that your Drive / Reverse switch is set to D (for forward drive mode).
6. Adjust mirrors to correct positions to ensure you can see objects behind you.
7. Place both hands on handle-bars.
8. Twist the right hand throttle slowly with your right hand to move forward. Get comfortable with using the throttle, and using the brake levers – or letting the auto-braking engage, to get the feel of movement, braking and steering for the first time.
9. Keep your feet inside the scooter. Don't put feet over side while driving.

Enjoy the ride! Take it SLOW at First! Get the Feel of your new Scooter!

Turn off scooter by simply turning the key one-click counter-clockwise (to the left) to centre position and then remove key by pulling it outward. Never force the key while turning it.

NOTE: Always remove the key before dismounting the scooter – to ensure that you don't have any accidental "throttle acceleration moments" which could cause injury.

The throttle on your scooter is like the gas-peddle on a car. It will move this 300 lb. scooter forward with the simple turn of a handle-grip. So BE CAREFULL when your key is in the ignition and the unit is ON and you are moving around the unit.

Always be Aware of the power of this scooter. It is a Vehicle – just like a car or a motorcycle. It has power and it can be dangerous to both the driver and people (and objects) around it – if you are not careful.

Add Freedom Scooters Inc. is not responsible for any injury caused by the use of this scooter. The Scooter owner assumes all responsibility for the safe operation of this vehicle.

Always drive with extra caution and be aware that this vehicle can be dangerous, if you are not very careful everywhere you drive.

General

Warning and Caution notices used in this manual apply to hazards and unsafe practices that could result in personal injury or damage to property.

Warning

It is the responsibility of the individual user to decide which scooter is suitable for the user's intended purpose. We supply a range of mobility scooters to meet the varying needs of individual users.

With regard to restraints, seat positioning straps, posture correction or other positional aids and accessories, it is the obligation of a qualified healthcare professional in conjunction with the owner to ensure the suitability of such equipment for the safe operation of the scooter.

Serious injury can occur in the event of a fall or collision when using a mobility scooter.

It is our opinion that users of mobility scooters should use the seat-belt when driving over bumpy terrain. Seatbelts are not required by law but they do provide added safety.

- Do not exceed weight capacity of 395 lbs.
- Do not attempt to lift or move this scooter by any of its removable parts. Personal injury and damage to the scooter may result.
- Never try to use your scooter beyond its limitations as described in the manual.
- Do not operate your scooter if it is not functioning properly. Contact your seller.
- Do not connect any electrical or mechanical device to the scooter. Failure to obey this instruction may result in injury and **will void the warranty**.
- Check with your physician if you are taking any medication that may affect your ability to operate your powered scooter safely.
- Do not operate your scooter while you are under the influence of alcohol as this may impair your ability to operate your power scooter in a safe manner.
- Do not drive your scooter in heavy rain or snowy conditions.
- If exposed to water, your power scooter is susceptible to damage to the electronic or mechanical components. Water can cause electronic malfunction or promote premature corrosion of electrical components and frame.

Ramps and Curbs/ Gradients:

We recommend that wherever possible that a suitable access point such as a drop curb or ramp be used. The necessity to climb a curb directly should be as a last resort.

If negotiating a gradient or curb (up to 5 in.), always address the situation at a slight angle to ensure stability of the scooter. Do not hit a curb at speed, drive slowly until you reach the curb then gradually apply more power to travel over the obstacle.

Do not turn sharply on any slope moving forwards or backwards. Slow on the corners!

Safety Advice:

DO:

- When driving, **always look forward** to avoid obstacles and objects which could puncture your tires. Keep your eyes on the path in front of you at all times.
- **Turn the power off** when transferring to and from the scooter.
- Drive slowly when going down steep hills or over uneven ground.
- **Keep your feet inside the scooter while driving.**
- Ensure the batteries are fully charged before your journey.
- Avoid rough or soft terrain (such as sand) and long grass wherever possible.
- Be aware of other road users and pedestrians. If driving on the road you **MUST** adhere to the Ministry of Transportation driving rules: Mainly – stay to the right side of the road.
- Use head lights when it is dark. Use emergency flashers when on the road at night.
- Turn the scooter's power off when not in use. Remove the key.
- Follow the maintenance guide to ensure the longest life of the scooter.
- Keep your batteries warm when the scooter is not in use. Cold can destroy batteries.
- Always remove the keys if leaving the scooter unattended. Unauthorized persons/ children may use the scooter resulting in injury.

DO NOT:

- Do not carry passengers. If you do, make sure you have full access to the controls.
- Do not exceed inclines over 30 degrees. The scooter can handle most steep hills however.
- Do not traverse inclines that may result in overturning the scooter.
- Do not use the scooter where you cannot safely or legally walk.
- Do not attempt to climb curbs over 13cm (5") high.
- Do not use the scooter if under the influence of alcohol or any medication.
- Do not use a mobile phone while driving.
- Do not attempt to negotiate steps or stair-cases or escalators.
- Do not transport the scooter with the user onboard.
- Do not connect any other devices to the batteries as this could cause permanent damage and will void your warranty.
- Do not travel through water or over soft terrain (mud, sand, wet grass, high-grass)
- Do not lift the scooter by the chassis covers or any plastic part.
- Do not store the scooter outdoors uncovered for long periods of time. We recommend that your scooter is stored in a dry garage, shed or porch to prevent the possibility of any moisture ingress. A water-proof tarp is a good option, if the scooter is outside.

Parking Brake

To engage the parking brake, squeeze the left handbrake lever, then push up the little rod under the left hand-grip until it clicks into place. Then release the left brake. Check that it is engaged. To release the parking brake, simply squeeze the left handbrake lever to resume movement.

Mirrors

During shipping, your power scooter may have been shipped partially disassembled for protection of parts during shipping. Please check after unpacking whether you have received the 2 mirrors.

To attach the mirrors, place each mirror threaded end into the mirror post. Turn mirror clockwise and fasten mirror to scooter. Tighten hex nut with a small crescent wrench to secure mirror in place in the desired position. Be careful not to scratch the paint finish while tightening.

Operating Scooter:

To prevent injury to yourself or others, always ensure that the power is switched off when getting on or off the scooter.

Always check that the variable speed switch is set to the desired speed setting. Before driving, always check you have selected the correct forward or reverse button setting.

Always reduce your speed when making sharp turns.

Speed Switch - 3 speeds are: **1** = 5 km/h **2** = 10 km/h **3** = 25 km/h **Reverse** = 5 km/h max

Forward / Reverse Switch (D for "Drive" and R for "Reverse" on switch) Reverse speed is approx. 5 km/h max.

Rules of The Road ~ Safety Tips:

- **You are allowed to drive on sidewalks.** Use lowest speed, gear 1 for sidewalk driving.
- Warn sidewalk pedestrians you want to get by – use honk-horn and people will move.
- **You are allowed to drive in shopping malls and large stores** – unless told otherwise.
- When indoors – ALWAYS drive at the slowest speed. Be cautious around all people and objects. The scooter weighs almost 300 lbs. and could cause serious injury to others.
- **You are allowed to drive on the street**, especially where there is no sidewalk. The rules for bicycles apply – stay to the Right Side of the Road at all times.
- Use your emergency flashers (hazard lights) when you are driving on the road at night.
- **Do NOT drive on any highway. It is against the law to drive this scooter on any highway.** The only exception would be a country road or any road that has a paved bike path intended for bicycles and scooters.
- **You are allowed to drive on all bike-paths.** Follow the rules of the road on 2 lane bike-paths – keep to the right lane. At intersections you are allowed to merge with traffic in order to make a left turn. Consider using your flashers (hazard lights) when in traffic.
- **Helmet is Not required by law:** Some choose to wear a helmet for added safety. We recommend the use of a helmet especially if you are in driving on any road. You may find people will yell "wear a helmet!" at you, if you are on a busy road. But it is not required by law – because this scooter is classified as a "mobility device" and as such is exempt from the helmet laws for e-bikes and motorcycles. (Some people have head injuries which prohibit the use of a helmet, ergo the exemption.)

Controls – At a Glance:

Left-Side Controls:

High-Beam / Low Beam Switch



Brake Lock Rod: While squeezing left brake, push rod up to lock. Squeeze brake to release. Will prevent scooter from rolling on hill when parked.

Rear Brake Lever:



Controls – At a Glance (Continued):

Right-Side Controls:

The right-side light switch is allocated as follows: **Switch in full right position** is Lights Off; **Switch in middle position** is running lights only; **Switch in full left position** is headlights on full. Then use the High-Beam / Low-Beam Switch on left grip to alternate high/low beam setting.



Front Disk Brakes Lever:

Controls – At a Glance (Continued):

Console Display:

Battery Level Meter

Current Gear

Speedometer

Turning & Hazard Indicator



Odometer Reading:

3rd Speed Disable Switch

At scooter rear, under the plastic molding you will see a little button. If you press this switch you turn OFF the 3rd speed.

So even if you have the speed setting to speed 3, the scooter will not exceed 10 km/h. To turn the 3rd speed back on, simply push switch to other position.



Foxx 2 Key Fob Remote Control Unit

Locked Icon

Alarm Armed Button:

Press Once – hear 1 beep

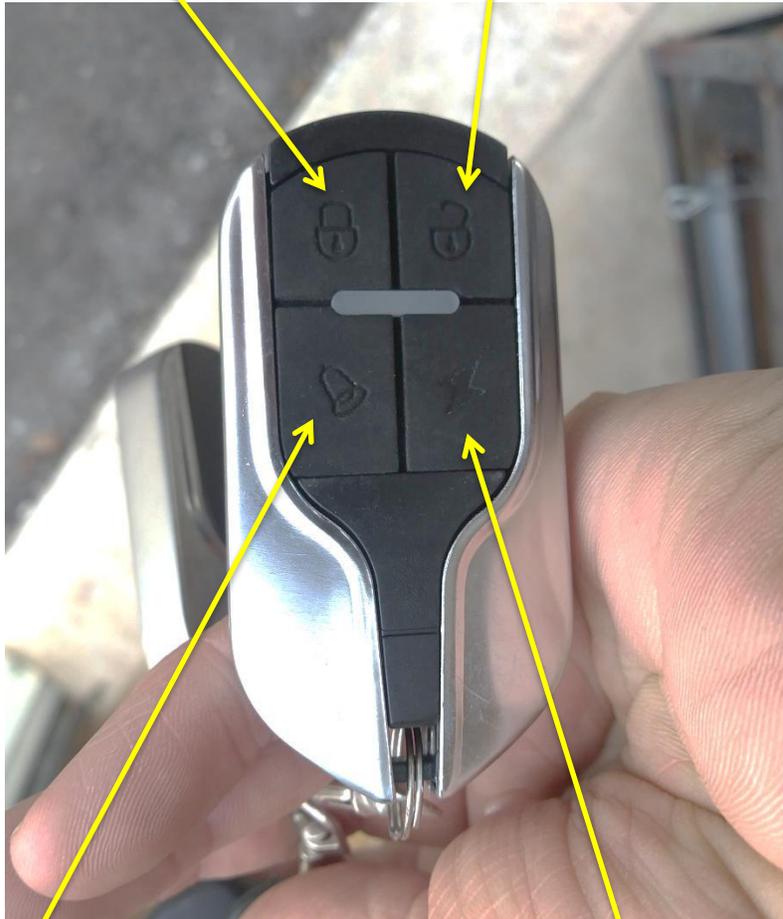
Alarm is Armed

Un-Locked Icon

Alarm Disarmed Button:

Press Once – hear 2 beeps

Alarm is Turned Off



Bell Icon

5-Beep Alert Button:

Press once to hear 5 beeps

Lightning Bolt Icon

Key-less Engine Start Button:

Press twice to turn on engine without key

To turn off, press the Alarm Disarm button

Control Panel

Speedometer (in mph units)

Battery level indicator (at left of screen, the climbing multi-colour bars)

Odometer reading in mile units

Turning Indicators

Right Side

Speed Switch: Speeds 1, 2 and 3

Drive / Reverse Switch (“D” and “R”)

Lights Off (switch full right); Running Lights (switch in middle); Headlights On (switch full left)

Left Side

High/Low beam switch

Left / Right turn signal (to turn off turning indicator, simply press the middle of the button)

Electronic Horn

Storage Compartment Key

Insert Key into lock mechanism and turn key and lift seat up. The seat will lift and tilt forward to gain access to storage compartment and circuit breaker.

Breaker Switch – Under Seat:

The breaker switch is a blue toggle switch located under your seat. The breaker “off” position is when switch is towards the right handle side. On is to the left position, where blue text can be seen on white switch bracket. A butter knife helps to toggle this switch if it is a tight fit.

Batteries and Battery Charging

To charge the batteries, please push the charger plug in firmly to the 3-prong port in front of the scooter seat. Ensure you push the plug firmly into place or charge may not occur.

Next, plug the charger’s AC plug into any household A/C outlet.

ALWAYS DO IT IN THIS SEQUENCE. DO NOT PLUG THE CHARGER INTO AC OUTLET FIRST. ALWAYS PLUG IN THE SCOOTER END FIRST – THEN THE AC OUTLET.

The reason for this is that in some cases, if the charger is already plugged into the AV unit, and then you plug it into the scooter, a power surge or spike could blow a fuse in the battery area.

For this reason, please get in the habit of ALWAYS PLUGGING IN THE SCOOTER FIRST.

When removing the charger unit – REMOVE THE AC WALL CONNECTION FIRST and THEN REMOVE THE PLUG FROM THE SCOOTER.

Battery Charger and Battery Care:

Batteries supplied with your scooter are specially designed for use on power chairs and scooters and require an automatic battery charger. **Keep your batteries fully charged.**

These chargers have an electronic switch that terminates the charge when the batteries are full. The charger provides a charge for 12 volt lead acid batteries. There are Five 12-volt batteries below the seat in the battery tray, linked together to result in 60 volts.

The charger can read the level of charge in the batteries and will switch off when the batteries are fully charged and the red light will go off. A dim green light can be seen when the batteries are charged. This will place the charger in “trickle-charge” mode.

IMPORTANT: When your batteries are fully charged, you should un-plug the charger.

This will result in a much longer life of both the batteries and the charger. It also reduces the risk of over-charging the batteries, which can occur if the charger gets damaged due to dropping it or other causes, resulting in a charger that keeps charging the batteries, even once they are full.

So to be safe – and ensure many years of use of the batteries and charger, unplug and remove your charger once your batteries are full.

To charge the batteries: first, connect the 3-hole plug into the charging socket located below and in front of the seat, THEN plug the AC cord into a standard wall outlet/socket. The battery charger has two lights. A constant red light will show when the battery charger is connected (this will flash if there is a break in the connection), Green light when the charging cycle is complete.

You must still maintain charging the batteries even if the scooter is not to be used for a prolonged period (2 to 3 weeks). Failure to do so could result in permanent damage and render the batteries unusable. Wherever possible, do not interrupt the charge cycle until the batteries are fully charged. Continual interruption can permanently damage the batteries. If the charging lead should become damaged, discontinue use immediately and seek a replacement from your dealer.

New chargers can be purchased at most scooter / e-bike shops or online. Be sure to check that the charger is intended for 12 v lead acid batteries only and is for 60 volt battery group.

You could ruin your batteries by using a 72 volt charger by over-charging them.

Battery Care:

You should always try to keep your batteries fully charged, even when the scooter is in storage for the winter. During winter storage, charge your batteries every 2 months to top them off.

The batteries are lead-acid type and they like to be kept fully charged. Even if you only drive a few km's you should plug in your scooter to keep the batteries fully charged.

During the cold months – if your scooter is outdoors, you should cover the scooter with a waterproof tarp, and use a heater to keep the scooter at room temperature. If your batteries are left to sit in below-freezing temperatures, you could ruin the batteries. At the very least, the batteries would be damaged resulting in less driving distance from diminished batteries.

If you don't have a way to store your scooter in a warm place, we highly recommend that you remove the batteries from the scooter and bring them indoors for the winter months. Visit our website at www.AddFreedomScooters.ca to watch the instructional videos found on the "Our Scooters" page for safe / proper battery removal and re-installation.

If you take your batteries indoors for the winter, keep them in a warm, dry location and place down a mat or cardboard under them, in case there is any leakage. Normally there would not be any leakage, as they are sealed batteries.

We sell a convenient indoor charging kit which enables you to charge the batteries using your battery charger – when the batteries are removed. Charging kit is only \$20.

Use extreme caution when working with batteries. Serious shock or injury can occur if the positive and negative terminal posts of any battery are touched together. Follow instructions carefully when working with 12 volt batteries. Remember, the combined power of these 5 batteries is 60 volts – and that is enough to cause injury or death, if not handled with care.

Feel free to consult with your Add Freedom Scooters Inc. representative at any time to get proper instructions for handling of batteries or any other safety issues.

Disposing and Recycling Of Used Batteries

Batteries must always be recycled correctly. Do not dispose of them with your domestic refuse. For further information please contact your local waste disposal authority. Most city-run waste disposal outlets will let you dispose of the used batteries for free.

ADD FREEDOM SCOOTERS INC. POWER SCOOTERS WARRANTY

Your warranty is valid from the day you received your mobility scooter automatically. This is to certify that your scooter is warranted for 1-Year from the date of original purchase. This warranty is not transferable.

Should a defect or operating fault arise within this period the Dealer or Sales Representative from where the product was originally purchased should be notified immediately. Failure to register the fault may invalidate the warranty.

ADD FREEDOM SCOOTERS INC. warrants that if a fault occurs within this period due to faulty workmanship or materials that the product will be repaired (or replaced at the Company's discretion) free of charge.

Any unauthorized modifications to the scooter will invalidate the warranty.

Parts which are subjected to normal wear and tear, accidental damage, neglect or misuse are excluded from this warranty. Normal wear and tear parts includes tires, chassis covers, bulbs, seat coverings, exposed wires & cables. Flat tires are not covered in this warranty, however we

will assist owners with replacing tires with recommendations of reputable dealers and necessary specifications required for replacement tires, in the event of a flat tire due to running over a nail, spike or broken glass. In some cases, a spray foam will suffice for tire repair.

For the period of 12 months from the date of purchase from the Authorized Dealer, in the event of defective materials or workmanship, ADD FREEDOM SCOOTERS INC. will repair or replace at our option any of the following components found to be defective by ADD FREEDOM SCOOTERS INC.:

Steel Frame, Frame Welds, Steering Column, Motor, Controller, Frame, Front Forks and Suspension System.

Note: An increase in operating noise of the transaxle DOES NOT constitute a defect or major fault. With normal wear and tear, operating noise is expected to increase.

For the period of 12 months, (except where noted otherwise) from the date of purchase from the Authorized Dealer, in the event of defective materials or workmanship, ADD FREEDOM SCOOTERS INC. will repair or replace at our option any of the following components found to be defective by an authorized representative:

- Dash Assembly
- Battery Charger (6 months)
- Motor
- Batteries (6 months – or 400 km travel distance on odometer.)
- Potentiometer Assembly & Electronic Controller
- Bearings
- Bushings
- Rubber Components, excluding tires
- Armrests if they are not broken due to mis-use.

Note: While charging batteries it is normal for the battery charger to heat up. Heat coming from the battery charger and/or batteries DOES NOT constitute a defect.

Items not listed above are not covered for repair under this warranty

Warranty Exclusions: ADD FREEDOM SCOOTERS INC. does not provide warranty on any of the following items which may require replacement due to the normal wear and tear of day to day usage:

- Loss or theft of components
- Damage caused by mis-use
- Battery fluid spillage or leakage
- Abuse, misuse, accident or negligence, improper operation, maintenance or storage
- Commercial use or use other than normal recreational use
- Repairs and / or modifications made to any part without specific written consent of ADD FREEDOM SCOOTERS INC.
- Exceeding the specified weight capacity of the unit
- Punctures to body, frame, tires or any other component of the scooter.

ADD FREEDOM SCOOTERS INC. reserves the right to replace warranted parts with refurbished or new parts at our discretion.

Technical Specifications

1. Weight Capacity 180 Kgs | 396 lb.
2. Speed: Limited to:
 - Speed 1 = 5 km/h max.
 - Speed 2 = 10 km/h max.
 - Speed 3 = 25 km/h max.
3. Distance: Up to 60 km but average is 40 km (distance varies on terrain, rider's weight, road surface, etc.)
4. Front seat: Regular with back and arms (removable)
5. Power: Electric Motor
6. Watts: 1000 Watt (geared at 250, 500 and 850 watt)
7. Motor Type: differential brushless, sealed, direct-drive
8. Amps: 20 AH
9. Volts: 60 Volts
10. Dimensions: 60" x 27" x 42.5 in. (L x W x H)
11. Floor Clearance: 8 in.
12. Rear Basket Dimensions: 13 x 15.75 x 11 in. (L x W x H)
13. Batteries: Lead Acid 12 volt – Model 6-DZF 20 (20 Ah) or 6-DZM-20 (27 Ah)
14. Forward/Reverse switch: Yes
15. High/ Low Speed switch: (3) Speed switch
16. Front tire size: 16" tire type: 3.0 — 10 Tubeless **Inflate to 250 kPa** (36 PSI)
17. Rear tire size: 16" tire type: 3.0 — 10 Tubeless – **Inflate to 250 kPa** (36 PSI)
18. Charger: 60-volt Smart Charger (Do not use charger with higher voltage)
19. Throttle Type: Variable Speed Control — Twist Throttle
20. Key Start: Yes (And auto start for keyless-start using key FOB button)

21. Braking System: Drum brakes for rear wheels and Front Disk Brakes on front wheels.
22. Drive System: 1000W Brushless Motor directly geared to crankcase – and rear axle
23. Rear lights: 12v Bulb
24. Scooter Weight: 135 Kg or 298 lb. gross weight including batteries
25. Battery Indicator: Yes
26. Front Suspension: Front MacPherson independent struts and suspension system.
27. Rear Suspension: Rear spring and cylinder shock absorbers, independent.
28. Reflectors: 2 rear reflectors (and 8 LED lights)
29. Warranty: 1 Year Warranty on parts to commence on date of delivery / purchase



FOXX & SWIFT SCOOTER DIMENSIONS



ADD FREEDOM SCOOTERS INC.
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