



**OSET**  
TAKING FUN SERIOUSLY



**OWNER'S MANUAL**  
MX-10 Mk.1

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# WARNINGS, SYMBOLS & NOTES

This Owner's Manual uses the following symbols and terms to call your attention to Dangers, Warnings, Cautions and Notes, please read, understand and follow all of these notices.



## **DANGER**

**Meaning:** This term calls attention to a Danger. This indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. Read the text accompanying the Danger to be aware of the specific hazard.



## **WARNING**

**Meaning:** This term calls attention to a Warning. This indicates a potentially hazardous situation which, if not avoided, could result in serious injury, in addition to property damage. Read the text accompanying the warning to be aware of the specific hazard.



## **CAUTION**

**Meaning:** This term calls attention to a Caution. This indicates a potentially hazardous situation which, if not avoided, may result in minor injury and/or damage to equipment or inadvertent system failure. Read the text accompanying the Caution to be aware of the specific hazard and avoid damage or system failure.

## **NOTE**

**Meaning:** This term calls attention to a Note. The text accompanying a Note provides helpful or other important related information.



Prohibited action - safety sign that indicates forbidden behaviour.



Mandatory action - safety sign that indicates a specific course of action to follow.



Warning - safety sign that indicates a specific source of potential harm

If you do not understand any of this important information, please contact your selling dealer/distributor or the OSET Customer Service Department.

This document was prepared in accordance with IEC Guide 37:2012

## **WARNING**

Failure to obey all of the warnings & instructions contained in this manual may result in serious injury and permanent damage to your OSET.



### **ADULT SUPERVISION REQUIRED**

This vehicle must be used in the presence of adult supervision to ensure that safe riding practices are established and followed.



### **NOT SUITABLE FOR CHILDREN UNDER THREE YEARS OF AGE**

This bike is not design to be used by children under 3 years old.



### **READ USER MANUAL BEFORE USE**

This manual contains IMPORTANT INFORMATION that every owner must fully understand.



### **WEAR A HELMET, BOOTS, GLOVES LONG SLEEVE JERSEY**

The rider must wear a helmet & appropriate safety gear every time. OSET also recommend wearing protective armour. Do not use bike with loose clothing, long exposed hair or laced shoes.



### **OFF ROAD USE ONLY!**

OSET Electric Bikes are designed for off road use only and must not be used on public roads or sidewalks. Please check and obey all local laws.



### **OPERATOR ONLY - NO PASSENGERS!**

Your OSET is designed for one rider only, more than one rider will over stress the bike.



### **NO LIQUIDS NEAR CHARGER PLUG**

OSET electric bikes must be charged indoors, in a well ventilated area.



### **DO NOT SPRAY WITH WATER**

Do not clean your bike or battery with water under pressure. Such as a hose, jet wash, power washer or steam cleaner. Do not immerse vehicle in water.



### **DO NOT TOUCH MOVING PARTS**

Risk of entrapment and entanglement if moving parts are touched.



### **DO NOT TOUCH HOT SURFACES**

The potential hot surfaces are highlighted on page 6.



### **DO NOT TOUCH ELECTRICAL CONTACTS**

Your OSET is battery powered, ensure power is isolated before cleaning, maintenance or removing batteries.

**KEEP INSTRUCTIONS FOR FUTURE REFERENCE  
THIS OSET IS NOT A TOY**

# IMPORTANT

Thank you for purchasing an OSET Electric Trials Bike.

This is a serious piece of machinery designed for use by children in fully controlled and safe environments. As the purchaser/owner of the machine, YOU are the responsible adult with the task of keeping the rider(s) safe at all times.

This manual contains IMPORTANT INFORMATION that every owner must fully understand to ensure optimum performance from your new OSET, and to ensure safe operation, it is important to fully understand the features of the machine.

If you defer this task to another adult, it is YOUR RESPONSIBILITY to pass this owners manual and all relevant information to whoever will take on this role, and ensure without question that the rider is controlled and taught in a safe manner.

Your OSET is very adjustable and can be specifically set up for the rider. This motorcycle is equipped with a speed limiting device to restrict top speed. Use this device until your child becomes familiar with the operating of the motorcycle. Please do not allow the machine to be used or adjusted by other children or adults. It is likely you know the abilities, levels of concentration and attention span of the child you purchased the machine for. EVERY CHILD IS DIFFERENT and it is impossible for you to properly supervise other children.

Your OSET is driven by a powerful electric motor. The control dials MUST be adjusted to suit the abilities of the rider. Please remember that even when the speed is set to a slow setting, if the power and response are at high setting, the full torque of the bike will still be available. This means that opening the throttle will propel the machine to the set speed very quickly. Your OSET has great capabilities, and can grow with the skills of the rider to very high levels, but it is IMPERATIVE that the responsible adult controls the entire learning process and gives full attention at all times.

## **IT IS YOUR RESPONSIBILITY TO FORESEE ALL POTENTIAL SITUATIONS AND CONTROL THE RIDING ENVIRONMENT ACCORDINGLY.**

This means not just the machine and the rider, but also the riding terrain and environment.

OSET's are amazingly capable competition-ready bikes, and can be used from the earliest stages of learning to ride all the way through to off road competitions. The secret of learning to ride well is being able to ride a lot. OSET's enable this to happen, and can make the learning process very gratifying for both the children and the adults. Thanks again for purchasing an OSET, and we hope you, and your child, will enjoy the ride!

**Ian Smith, President, OSET CORP.**

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# SAFETY ADVICE

	 <b>WARNING</b>
	<b>Risk of burning.</b> Allow bike to cool before touching hot surfaces.

## HOT SURFACES

During extended periods of use or if your OSET is ridden hard then some parts will get hot, see highlighted areas in the image below.

- Do not touch the brake rotors or motor before they have cooled down.
- Let the bike cool down before carrying out any work.



## INTENDED USE

Your OSET has been designed to be used in sports motorcycle competitions, or in a supervised and authorised practice environment.

Please follow all safety notes in the manual and ensure riders are of the correct age and weight, the bike is correctly maintained, riders are always supervised and the bike is ridden in appropriate conditions.

## SAFETY MODE

If the motor gets too hot the controller will limit the power to the motor until the temperature reduces to a safe level. If the motor temperature reaches a level which may damage the motor then all power to the motor will be removed. Allow the bike to cool for 15 minutes, turn the bike off/on and you will be able to resume riding.

If the controller believes that an electronic component is behaving abnormally it will enter a safe mode and stop power to the motor. If this occurs, stop riding and check the bike for obvious signs of damage or faults. Once you have resolved the problem to restart the bike you simply need to turn the bike off and on again. If the problem persists please take your bike to an authorised OSET dealer for inspection.

# SAFETY RESPONSIBILITIES

**Always follow the Pre-Ride Checklist before every ride.**

**Do not operate your OSET if any damage is apparent. Immediately contact your authorised OSET retailer/distributor or OSET Customer Service.**



**Supervision:** An adult must **ALWAYS** assess and approve the riding conditions and the bike preparedness before the bike is ridden. Always ensure the rider is cautious, maintaining complete control and a reasonable speed. Ensure the terrain is suited to the skills of the rider.



**Helmets & Safety Attire:** Do not allow your OSET to be ridden without a helmet approved by your countries' governing body. Riders should also wear suitable riding gloves, eye protection and boots. Boots should **NOT HAVE LACES**. Shoe laces and loose clothing or even long hair could potentially get caught in wheels, chains or sprockets.



**Do not overload the bike:** Exceeding the weight limitations will adversely affect the handling of the machine, and potentially cause damage.



**It's the law; obey it:** Obey all laws. OSET bikes are for **OFF-ROAD USE ONLY**. OSET bikes can not be used on public roads or sidewalks. The purchaser, owner, and/or riders of this machine are directly responsible to know and obey all local, regional, and national laws regarding the riding and use of this machine.



**Do not sit on the bike when side stand is engaged in the downwards position;** This can lead to damaging your machine, and yourself



**Ensure charger is disconnected from bike before riding.** Failure to do so will cause damage to the bike and could result in injury.

**Night time:** Don't ride after dark or in low light conditions.

**Weather & Riding Conditions:** Bike brakes don't work well when they're wet. Please be aware that distance to stop may double or triple over the distance that it takes under dry conditions. Ride more slowly and anticipate your stops by applying the brakes **MUCH** earlier. Don't allow children to ride on slopes that are too steep for their ability.

**Before each ride, make sure that all bolts and nuts are fastened securely and that the tires are properly inflated. Check that the throttle and brake controls are operating freely and adjust/lubricate the drive chain as necessary.**

Please have your bike checked by a qualified mechanic **AT LEAST** once a year. It's a small investment in the well-being of the rider.

# SERIAL NUMBER

The individual identifying serial number of the product can be found on the left hand side of the head tube of the frame, as shown below.

The serial number will use the following format:

XX X X XXXX XXX XXXX  
A B C D E F

- (A) Bike Category/Wheel size
- (B) Bike Designation
- (C) Bike Specification
- (D) Year of manufacture
- (E) Batch ID
- (F) Unique Serial



It is highly recommended to record the frame number and store this in a safe location and use when contacting your local dealer or OSET customer services.

The motor serial number can be found on the motor as shown in the image above.

# SPECIFICATION

## Performance:

- Maximum Speed - 22 mph
- Weight Limit (Rider) - 88 lbs (40.0kg)

## Gearing:

- 9T front sprocket, 54T rear. #219 chain.

## Motor:

- 1400w 48v OSET Neodymium magnet DC motor.

## Chassis:

- Frame & Swing Arm - Steel with adjustable geometry.
- Suspension (Front) - USD Coil sprung, adjustable rebound & compression.
- Suspension (Rear) - Spring & oil type, adjustable rebound.
- Wheels - 10 x 1.60", 28H alloy hubs.
- Tires - 2.5" x 10.0" front & 3.0" x 10.0" rear.
- Brakes - Hydraulic disc, 160mm rotors.
- Foot pegs - Cast Alloy, Red
- Handlebars - Alloy.



## Controller:

- 48 volt, 3 Dial Controller with Thermal Cut-out.
- External speed, power & throttle 'map' response dials.

## Throttle:

- Twist type with LED battery charge indicator.

## Batteries:

- 1 x sealed 48V Lithium pack, with charging, discharging & diagnostic ports.

## Keys, Dials and Ports:

- Key Switch and Magnetic Kill switch.
- Throttle map/response dial. Tuneable response.
- Speed dial. Overall speed adjustment.
- Power dial. Overall power adjustment.

## Size:

- Wheelbase - 37.0" (940mm)
- Seat Height - Low (515mm), Mid (530mm), High (550mm)
- Ground Clearance - Low (170mm), Mid (185mm), High (200mm)
- Handlebar Height - Low (805mm), Mid (810mm), High (815mm)

# UNPACKING & ASSEMBLY

## RECOMMENDED TORQUE VALUES

Where there are no other torque values stated please use the recommended torque value table shown here.

Thread Size	Recommended Torque Nm
M3	1
M4	2
M5	4
M6	7
M8	17
M10	33
M12	58



**Failure to properly assemble and adjust your bike prior to use may result in an accident resulting in death, serious injury and/or property damage.**

## NOTE

If you purchased your OSET in the carton, please carefully follow the instructions below and any supplemental instructions to finish the assembly and adjustment of your OSET.

1. Remove your OSET & Accessory pack from the box and check contents against the following list:
  - 1x Bike
  - 1x Accessory Box containing:
    - 1x Front mudguard (fender)
    - 1x Battery charger c/w power lead & manual (if supplied)
    - 1x Number board
    - 4x Black cable ties
    - 1x Hex Key set (Allen keys)
    - 1x Adjustable Spanner
    - 1x Manual for air forks
    - 1x Manual for rear shock
2. Place your OSET on a solid & level stand, with both wheels off the ground.

3. Remove all the packing materials.
4. Using the supplied Allen keys, make sure the steering stem is in the forward facing position and tighten the top and side bolts securely and evenly to 12nm.  
Secure the handlebars tightly in the steering stem. Double check tightness and alignment. Adjust the brake lever positions and reach to suit the rider.
5. Fit front mudguard using the bolt & washers provided (*picture 1*).
6. Fitting Front Wheel.  
Remove disk pad spacer (*picture 2* - this item is used for transport only, keep this if you are likely to leave the bike without the front wheel fitted).



(1.)



(2.)



(3.)

7. Loosen top calliper Allen bolts (*picture 3* - using 5mm wrench) - so it will move side to side so as to aid fitting of wheel.
8. With one axle bolt already screwed into the axle, hold the front wheel in the fork lowers & slide the axle in through the hub. (*picture 4* - ensure the pinch bolts on the front of the forks are already loose).
9. Tighten the two pinch bolts on the side of the fork from which you inserted the axle (*picture 5*).



(4.)



(5.)



(6.)

10. Replace locking bolt on the other side of the axle & tighten (*picture 6*).

# UNPACKING & ASSEMBLY

11. Finally, tighten to remaining two fork pinch bolts on the fork lower.
12. Spin the front wheel and apply the front brake. Do this twice. While holding the front brake on - tighten calliper bolts. This will centre the calliper and help to give even wear of the pads and free running of the front wheel.
13. Adjusting rear calliper. Ensure rear wheel is clear of ground and turn by hand and check brakes are not binding. If they are, loosen cap screws and adjust.  
Be aware that because the wheel can be moved back and forth for chain adjustment the calliper does also - so make sure it does not rub on the outer diameter of disc.
14. Install the front number plate using the supplied 'zip-ties'. This attaches to the handlebars and the forks (*picture 7*).



(7.) Zip-ties



(8.)



(9.)

15. Check tire pressure of both tires and confirm they are properly inflated to **20-40 psi**. Light riders can use lower pressures.
16. The batteries are not connected for shipping purposes and will need connecting. It is vital that connections are made correctly. The battery strap should be fitted before connecting the main battery lead. Install the battery as indicated (*picture 8 & 9*).
17. Unpack charger (if supplied) from its box and read *pages 21-23* of this manual. Charge the batteries while thoroughly reading the rest of this owners manual.
18. Compress and check each brake lever in turn. The lever should not compress completely to the bar. Each individual brake should hold the bike securely when you push the OSET against the brake. If your brake needs adjustment, follow the instructions on *page 19*. Learning riders should be aware which lever operates which brake.
19. For maximum battery life, always fully charge before operating your OSET for the first time and never store with discharged batteries. (See *page 22-23*).
20. While your batteries are charging, please Read Your Owners Manual completely.

## DIAL ADJUSTMENT

THESE DIALS ARE TO BE ADJUSTED BY A RESPONSIBLE ADULT ONLY.

### SPEED DIAL

Speed limiting device for novice riders

This motorcycle is equipped with a speed limiting device to restrict top speed. Use the device until the rider becomes familiar with operating the motorcycle

The speed dial is located underneath the rubber bung for convenience. This must only be changed by a responsible adult. When dial is turned to the fully clockwise position, the bike will have a maximum speed, when in the anti-clockwise position the speed will be reduced to its minimum.

### POWER DIAL

This is the most important adjustability feature on the bike and must ALWAYS start with the lowest setting, and make changes in very small increments. It may appear that the highest power will be suitable for an advanced rider, but it must be understood that there is a lot of power available.

It is a great feature to have such a range available, but it MUST be treated with respect. ALWAYS adjust from lower to higher, in very small increments.

### THROTTLE RESPONSE DIAL

It must be treated very carefully as the range of adjustability is enormous.

The function of this dial is to adjust the 'response' of the bike. Fully anti-clockwise will give the slowest throttle response. Fully clockwise will give the quickest response.



## CAUTION

Always check the dial settings before the rider gets back on to ensure the desired setting is correct for the abilities of the rider. The dials are sensitive to small adjustments, do not guess at changes.

## WARNING

Keep clear of all moving parts when checking dial settings. Failure to do so could result in serious injury.

# SWITCHES & INDICATORS

## KEY SWITCH

The key switch turns the power on and off. When the rider is sitting on the bike, this is located in front of them above the tank cover.

The key is removable, and should be removed when the bike is not in use.



## KILL SWITCH

This switch is in addition to the key switch and provides extra functionality. To enter the on position place magnetic top cap on base. The key switch MUST be in the 'on' position for the magnetic kill switch to operate.

With the key switch in the 'on' position, the kill switch can be used to turn the bike on by simply connecting the red magnetic cap to the black base on the handlebar, to turn the bike off using the kill switch remove the magnetic red cap from the black base on the handlebar.

As a safety precaution, if the throttle is applied before the kill switch is connected, the bike will not move.

Always ensure the rider is wearing the kill switch around their wrist and that the cord is tightened firmly.



## DIAL PANEL REMOVAL

The bike's adjustment dials are located beneath the small black panel which also houses the key switch.

To remove the panel, twist the fastener and lift the front of the panel up and towards the handlebars.



## CHARGE INDICATOR

The battery charge indicator is located on the throttle assembly and shows the state of the batteries. The indicator lights can be checked at any time to determine if the main power is off or on. Always turn the power off and remove the key when the bike is not in use.



### NOTE

**Now your OSET is fully assembled, adjusted and checked. Once the batteries are fully charged, your OSET will be ready to ride safely.**



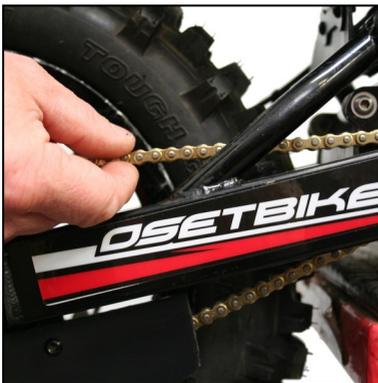
## **WARNING**

**Entanglement Hazard.** Turn power off before starting work.

Your OSET features a traditional chain and sprockets. It is direct drive, with no gears. With the motor mounted in the swing arm, suspension movement has no effect on tension. However, the chain does need to be checked and adjusted regularly, especially when the bike is new.

The chain must be checked before every ride and adjusted as necessary. There should be very little slack in the chain. Adjustment is done as follows:

1. Ensure power is turned off.
2. Loosen axle nuts (shown opposite).
3. Turn chain tensioner nuts evenly on both sides. Very small movements can make a big difference. Do not tighten so much there is no slack at all. It should be 'taught', not 'tight'. Rotate wheel by hand and check chain tension.
4. Lubricate the chain & check the sprocket bolts for tightness.
5. Reverse the above procedure, ensuring all bolts are tight.
6. Check the wheel for alignment and the chain for tension.



*These two pictures show the correct tension.*

*When pushing up on the chain's tightest point, it should only move by **5-10mm**.*

# WHEEL REMOVAL

## REAR WHEEL INSTALLATION

1. Ensure power is switched off and the key removed.
2. Lift the bike onto a block or stand so the wheels are off the ground.
3. Loosen the axle bolts (*see image 1.*)
4. Loosen the chain adjustment nuts to the point where the wheel can be pushed forward, and the chain slipped off to the right of the sprockets (*see image 2.*)
5. Pull back on the wheel to remove it.
6. To re-install the wheel reverse the above procedures. Ensure the chain is correctly adjusted and lubricated, the wheel is aligned, and all nuts and bolts are tight



(1.) Axle Nut (19mm)



(2.) Chain tensioner nut (13mm)

# FRAME ADJUSTMENT & SEAT REMOVAL

## REMOVING THE SEAT

The padded seat unit of your MX-10 bike is removable, allowing access to some of the bike's electrical components. By removing the two screws shown below, the seat can be lifted up & backwards to release from the bike.



(1.) Unscrew & remove seat bolts.



(2.) Lift seat up & backwards to release.

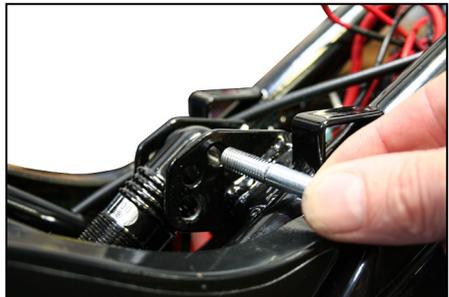
## ADJUSTING THE FRAME HEIGHT

The frame of the MX-10 features an overall height adjustment. The procedure to change this height is outlined below.

1. With the seat unit removed, undo & remove the bolt in the upper shock mount (see image 1 below).
2. Push up on swing arm until rear shock mounting hole aligns with desired mounting hole on the frame.
3. Re-insert shock bolt & tighten nut (see image 2 below).



(1.)



(2.)

# SUSPENSION



## WARNING

**Entanglement Hazard.** Turn power off before starting work.

## REAR SUSPENSION

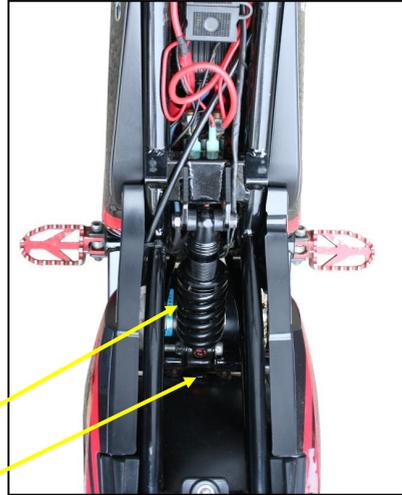
Your OSET bike is equipped with a single coil spring type rear shock. For a harder/stiffer ride at the rear tighten the adjustment ring in a clockwise direction.

For a softer ride, loosen the adjuster by turning anti-clockwise. It also features a very effective rebound dial.

Optional springs are available from your OSET dealer to adjust the spring rate.

*Adjustment ring*

*Rebound Dial*



Please refer to the section on assembling your OSET bike (*page 11*) for information on installing the front wheel, and reverse the instructions for removal.

OSET bikes feature adjustable front and rear suspension. The available adjustability is a great feature. Separate owner's manuals are provided. Please read for further information on how to best set up the suspension.

## FRONT SUSPENSION FORKS

The front suspension is an 'air' fork. A specific air pump is required to add pressure which can be purchased from your local OSET dealer. The fork is also adjustable for rebound & preload via two simple dials located on the top of the fork.



Preload Dial.



Rebound Dial.



Suspension Air Pump.

# BRAKE ADJUSTMENT

The brakes are self adjusting to a point, but correct alignment is vital to get the maximum performance. The pads must be equidistant from the disc for maximum efficiency.

Visually inspect the pads as you spin the wheel. Check that alignment is good and pad to disc distance is even. If adjustments are needed follow the instructions below:

- Using an Allen wrench, loosen the calliper mounting bolts, allowing the calliper to move freely from left to right.
- With the bike raised, slowly spin the wheel before pulling the brake lever. This will allow the calliper to 'centre' on the disc.
- With the lever still holding the pads tightly on the disc, re-tighten the calliper bolts.
- If the wheel does not spin freely with the brake released and further adjustment is required beyond the limits of the built in adjustment, the calliper position itself can be adjusted further by the use of spacer washers. In this way, the calliper can be lined up perfectly.



*Loosen calliper.*



*Squeeze lever.*



*Inspect pads.*



*Adjust lever reach.*

The brake levers can be adjusted for 'reach'. Use a small 2mm Allen key. Turn anti-clockwise to bring the reach closer to the bar (for smaller hands).

# SIDE PANEL & BATTERY REMOVAL

## REMOVING THE SIDE PANEL



(1.) Twist fastener



(2.) Lift side panel clear



(3.) Side panel removed

To reinstall the side panel, reverse the procedure above. Ensure fastener is tightened securely.

### Please Note:

This section of the user manual **only** applies to bikes supplied with an **official** OSET lithium battery pack & charger. For bikes supplied with other batteries, please see the suppliers instructions for battery removal & charging.

## BATTERY REMOVAL

- Ensure power is turned off, and remove the key.
- With the side panel already removed, unscrew & disconnect the power lead (*image 4*).
- Next, release the battery retaining strap (*image 5*).
- Finally, carefully lift the battery box out of the bike (*image 6*).

To reinstall battery, reverse the procedure above.



(4.)



(5.)



(6.)



## WARNING!

**Use only the battery charger supplied.** Using any other battery charger will void your warranty, may damage the batteries and could cause a fire that may result in property damage and/or possible injury.



**Read the instruction booklet that comes with the OSET lithium battery pack before use.**

- Ensure that the key switch on your OSET is switched OFF & the battery discharge plug is disconnected before connecting the charger to the battery's charge port (see guide below).
- Carefully align the connector pins and connect the charger to the battery by plugging the connector into the charger receptacle. Twist the lock ring to secure the charger lead to the battery.
- Plug the charger into the wall outlet.
- Switch the charger on.
  - LED Indications:
    - The LED will illuminate **RED** when the charger is plugged into a wall outlet.
    - The Indicator LED will illuminate **YELLOW** while the charger is charging the battery.
    - The Indicator LED will change to **GREEN** when the battery is fully charged.
  - When charging is complete (the Indicator LED is GREEN), switch the charger off, then carefully unplug the charger from the wall socket, then from the battery by twisting the lock ring and pulling the connector out of the charging port.
- Reconnect the battery to the bike and your OSET electric bike is now ready for use.



**Ensure charger is disconnected from bike before riding.**

Failure to do so will cause damage to the bike and could result in injury.

*Diagnostic Port  
(OSET Technicians only)*

*Battery Vent, Sealed  
non serviceable.*



Charging Port

Discharging Port



OSET Charger

# BATTERY GUIDANCE

- It normally takes up to seven hours to charge your battery from a fully discharged condition. Never overcharge. **Remove from the charger after 10 hours maximum.**
- Fully charge the batteries before using your OSET electric bike for the first time.

It is recommended that you fully charge the battery before & after every ride and that batteries are never left in a discharged state for an extended length of time.

**Always** connect the charger to the battery before connecting the charger to the AC power source.

**Always** disconnect the AC power source from the wall socket before disconnecting the charger from the bike.



## NO LIQUIDS NEAR CHARGER

OSET electric bikes must be charged indoors. If the battery, charger or any connections become wet, immediately unplug the charger and thoroughly dry all components prior to charging the battery.



## DO NOT SPRAY WITH WATER

Avoid any contact with all fluids while charging and cleaning the battery. If the battery, charger or any connections become wet, immediately unplug the charger and thoroughly dry all components prior to charging the battery.



## DO NOT EXPOSE TO OPEN FLAMES

Keep the battery away from excessive heat and/or open flames. Avoid long term exposure to direct rays from the sun. Exposing to open flames will result in damage to the unit leading to possible injury.



## CAUTION

Do not block the fan vent on the charger while charging the battery. This can cause the charger to overheat.



## WARNING

Never short circuit the discharge terminals of the batteries, i.e touching the contacts together via a tool, etc. A short circuit will damage the battery and could cause a fire resulting in severe injury and property damage.



## WARNING

DO NOT use this battery with any other vehicle or appliance. Use of this battery with any other product will void the warranty, and may create a hazardous condition that could cause a fire resulting in severe injury and property damage.

# BATTERY CARE & DISPOSAL

Your OSET features a 48v drive system, for use with a sealed 48V lithium battery. Under **NO** circumstances should this battery box be opened by anyone other than a trained OSET technician. Doing so can damage the battery and/or bike & will void any warranty.

OSET recommend using a 'multimeter' to monitor the health of the battery. You will be able to easily and instantly see the charge of the battery.

In order to test the battery voltage using a multimeter, connect the negative & positive probes to a pair of pins on the discharge port on the battery as shown.

A multimeter is also very useful in diagnosing any electrical problems on the bike.

When testing the battery voltage, you should have a reading of between 36.0 & 54.4V depending on the state of charge of the battery. If you read anything outside of this range, please disconnect the battery immediately and contact your OSET dealer, importer or OSET customer services.



## **DO NOT USE IF BATTERY IS DAMAGED**

If the casing of the battery is damaged call OSET for assistance.



## **DO NOT TOUCH ELECTRICAL CONTACTS**

Failing to adhere to this can cause irreparable damage and lead to possible injury.



## **DO NOT DISASSEMBLE**

Your OSET battery is not a serviceable item, opening the casing will invalidate your warranty.

## **BATTERY DISPOSAL**

Over time your lithium battery pack's capacity will reduce, until it reaches the end of its service life. This is perfectly normal & to be expected.

Battery packs contain a large amount of valuable raw materials & plastics which can all be recycled if disposed of correctly. Do not dispose of the battery with general household waste.

Contact your local refuse handling center for more details on battery recycling and disposal. If in doubt, please contact OSET for help & advice with disposing of your old batteries.

WEEE Producer Environment Agency Reference Number: WEE/MM4649AA

WEEE Compliance Scheme Registration Number: CD01/00956

Battery Producer Environment Agency Reference Number: BPRN06922

Battery Producer Compliance Scheme Registration Number: BBCD193



# MAINTENANCE

## MAINTAINING YOUR OSET

Before each ride:

- Check key fasteners are correctly tightened: Sprocket bolts, wheels nuts, bar and stem bolts, brake levers and callipers.
- Check throttle freely returns to off position.
- Check chain adjustment.
- Check brakes work and wheels spin freely.
- Check the speed, power and response setting.
- Check the tires for proper inflation. Also, inspect the tires for damage.
- Check safety lanyard operates correctly
- Ensure batteries are fully charged.

After each ride:

- Remove battery, clean and dry your OSET, following OSET's recommended procedure.
- Ensure grips are intact with bar ends covered, replace if needed.
- Check the wheel spokes for tightness. It is normal for spokes to loosen in operation on the first few rides. Please check after the first 5 rides, and then monthly afterwards.

Every 20 hours of riding:

- Remove wheels and inspect bearings. Re-grease front wheel axle.
- Check swing arm axle bearings and grease axle mating face.
- Check ALL bolts for correct tightness. Grease where applicable. (I.e Stem bolts)
- Check wiring for corrosion, defects, re-grease all connections with die electric grease.
- Check wheels are running true and spokes are correctly tightened.
- Inspect chain and sprockets for wear.
- Check brake lines and pads.

Please refer to component manuals for specific service intervals.

**If you have any questions about the proper care and maintenance of this vehicle, consult your selling dealer/distributor or contact OSET Customer Service at [info@osetbikes.com](mailto:info@osetbikes.com).**



### **WARNING**

Failure to maintain this vehicle in proper operating condition can lead to an accident resulting in death or serious injury, and property damage.

# MOTOR CARE, PERFORMANCE & CLEANING

## MOTOR CARE, PERFORMANCE AND MAINTENANCE

Your OSET is fitted with a high powered electric motor which has been designed to work in unison with your bike. When riding the motor can become hot, if this happens please give the bike some time to cool down before continuing to ride. This will ensure you get the most out of your bike.

The motor will last 100's of hours before it needs any maintenance, when it does it will only need brushes replacing as they wear when the motor is spinning.

It is strongly recommended that you contact your local dealer/distributor to carry out this procedure as it requires specialist tools. The OSET motor has been designed for high performance, to supply high amounts of power for short pulses, perfectly matched for riding. **DO NOT POWER WASH THE MOTOR.**

The OSET motor has been designed for high performance. Check that the sprocket bolt is tight periodically. Waterproof grease can be applied around the shaft where it enters the motor for additional protection from the elements. Similarly, a bead of silicone can be applied where the casings join for additional weather protection.

## CLEANING

Cleaning and maintaining your OSET correctly will provide a more enjoyable ownership and riding experience. By hand cleaning the bike, you can simultaneously inspect all of the components. We recommend cleaning be done with a damp cloth and slow running water.

**Always remove batteries from the bike before cleaning**

**Take care when washing. This is an electric machine and water should never reach sensitive components.**

**NEVER USE A POWER WASHER as it can cause irreparable damage to sensitive components.**

**Adequately cover the throttle when washing to ensure it is kept dry.**



### **DO NOT SPRAY WITH WATER**

Do not clean your bike or battery with water under pressure. Hose, jet wash, power washer, steam cleaner.

### **CAUTION**

Remove the batteries from the bike before washing.

### **WARNING**

Do not get water onto the controller, throttle or wiring. Failure to follow this instruction could result in permanent damage, and could cause erratic machine behavior, leading to possible injury or death.

# BUILD CHECK LIST

<b>ASSEMBLY CHECKS</b>	<b>OK</b>
<i>Check <a href="http://www.osetbikes.com/support">www.osetbikes.com/support</a> for the latest, relevant technical bulletins.</i>	
<i>Check contents of bike box: manuals, charger, tools, keys, plastics.</i>	
<i>Remove packaging and inspect bike for imperfections.</i>	
<i>Fit handlebars to bike and tighten bolts.</i>	
<i>Fit wheels (where applicable) and tighten correctly.</i>	
<i>Check tyres are seated on the rim correctly and inflated to 20psi.</i>	
<i>Check and adjust chain tension.</i>	
<i>Both brakes are adjusted and functioning correctly.</i>	
<i>Fit battery (where applicable) and connect to wiring harness.</i>	
<i>Check wires and cables are routed correctly.</i>	
<i>Fit any bodywork (where applicable).</i>	
<i>Check and tighten all nuts/bolts in accordance with user manual guidance.</i>	
<b>PRE-RIDE CHECKS</b>	<b>OK</b>
<i>Foot pegs return freely.</i>	
<i>Throttle operation is smooth and returns to zero position freely.</i>	
<i>Steering rotates smoothly, without knocking or snagging wires.</i>	
<i>Suspension functions correctly.</i>	
<i>Magnetic kill switch functions correctly.</i>	
<b>TEST RIDE CHECKS</b>	<b>OK</b>
<i>Check both front and rear brakes operate and are adjusted correctly.</i>	
<i>Individually check each potentiometer functions correctly.</i>	

## LONG TERM STORAGE

If you do not plan to use your OSET for an extended period of time (1 month or more):

- Fully charge the batteries before storing.
- Remove batteries from the bike.
- Check batteries at least once a month.
- Store the batteries in a cool (50° to 70°F, 10° to 21°C), dry place. Avoid direct exposure from the sun.
- Check tyres are adequately pressurised to prevent cracking.
- Lubricate chain.
- Store the bike in a dry location, ideally on a work stand

If you have any questions about the batteries or their usage, please do not hesitate to contact your local dealer or the OSET Customer Service Department.

## AFTER STORAGE

If your bike has been stored for a over 1 month we suggest you carry out some checks before riding it.

- fully charge and Refit the batteries.
- Check key fasteners are correctly tightened: Sprocket bolts, wheels nuts, bar and stem bolts, brake levers and callipers.
- Check throttle freely returns to off position.
- Check chain adjustment.
- Check brakes work and wheels spin freely.
- Check the speed, power and response setting.
- Check the tires for proper inflation. Also, inspect the tires for damage.
- Check safety lanyard operates correctly

## TRANSPORT

When your OSET is being transported ensure suitable restraints are used to prevent the bike from falling over or rolling away. If using any carrier, remove batteries from the bike and check the carrier is rated to carry the weight of your OSET.

# TROUBLESHOOTING

If you have a problem with your OSET it is likely that there is a simple solution to it.

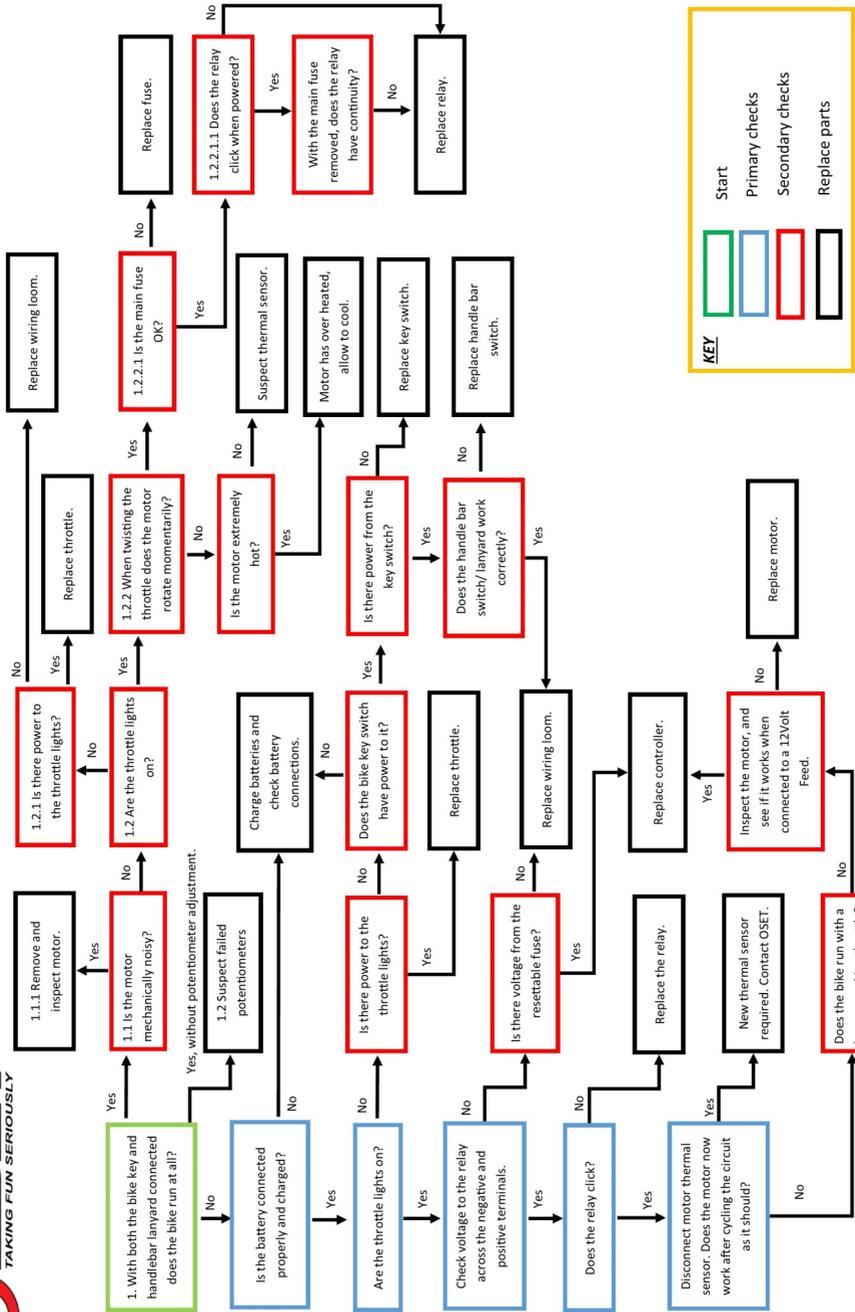
ISSUE	LIKELY CAUSE	SOLUTION
There are no lights on the throttle.	Lanyard not present, key switch not on.  Batteries not correctly connected.  Battery voltage too low.	Check key and lanyard are present and key turned to the 'ON' position.  Check battery connections.  Fully charge batteries.
Rear wheel only partially rotates.	Faulty relay.  Main fuse blown.	Replace relay with known working part.  Rectify issue and replace fuse.
Bike has a lack of power and dials have no effect.	Faulty control dials.	Replace control dials with known working parts.
No power at the rear wheel with throttle lights on.	Motor over heated  Faulty relay.  Faulty throttle.  Faulty controller.	Allow bike to cool.  Replace relay with known working part.  Replace throttle with known working part.  Replace controller with known working part.
Poor run time.	Batteries not fully charged.  Old batteries.  Mechanical friction.	Charge battery for 12 hours.  Replace batteries.  Check brakes, bearings, chain.

If the above table has not solved your problem, on the next page you will see a diagnostic flow chart, this will help identify what is stopping your bike from running correctly.

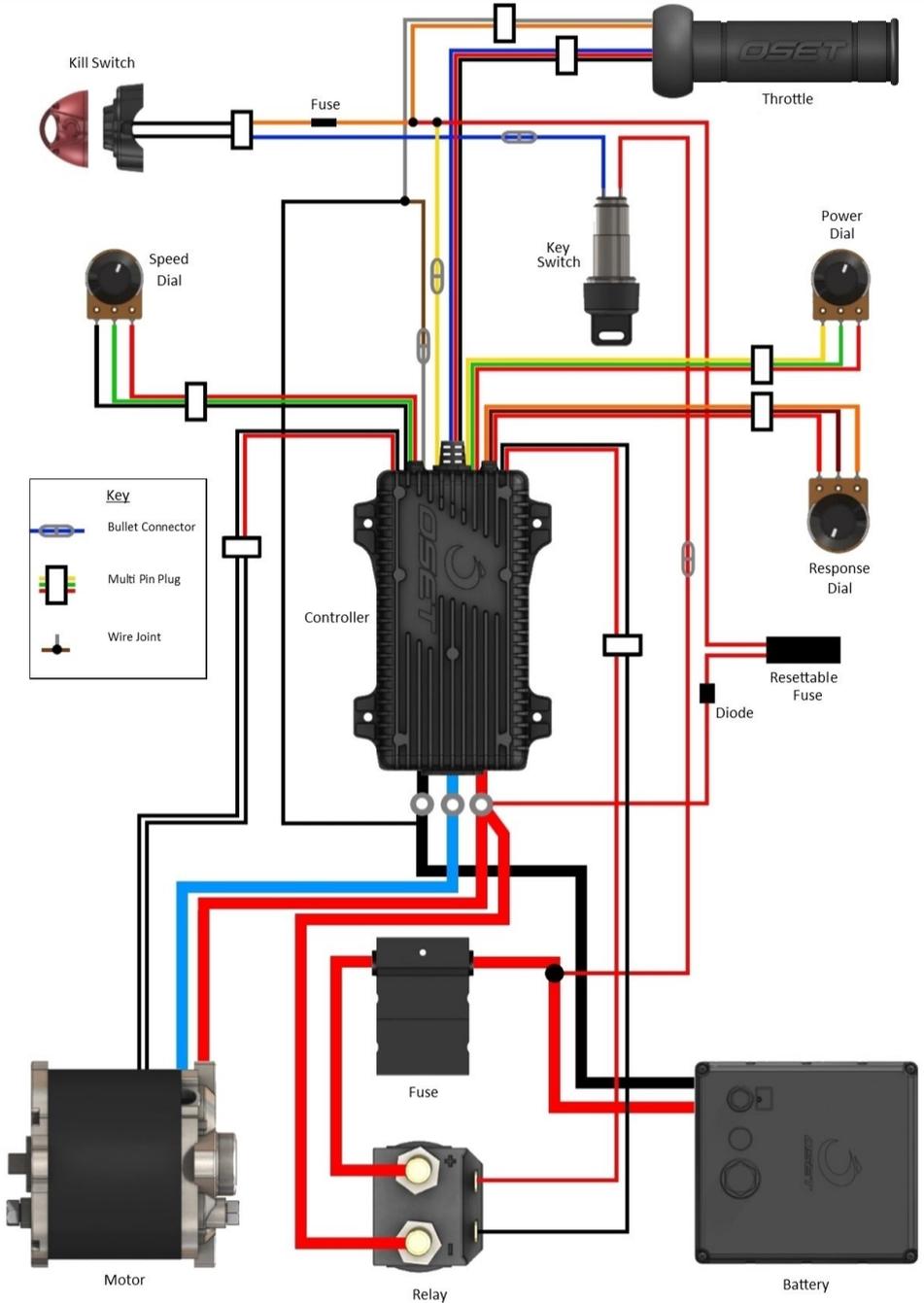
There is also a wealth of information and technical videos that can be found on the support section of [www.osetbikes.com](http://www.osetbikes.com). These show how to carry out various checks.

If you have any queries please do not hesitate to contact your local dealer or the OSET Customer Service Department.

# ELECTRICAL DIAGNOSTIC FLOW CHART



# WIRING DIAGRAM



Your OSET is an electric bike, and features a considerable number of electrical components and wiring. All must be protected from water and dirt! The components are listed below:

**Controller:** Shown below. This is the 'brains' of the drive system. It is a sophisticated and complex component and is non-serviceable.

**Throttle:** This sends an electronic signal to the controller, which is then interpreted to determine the power required and the voltage to be sent to the motor. The throttle is a non-serviceable component. It **must** be protected from water.

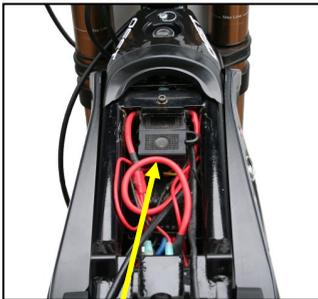
The throttle contains a small circuit board that can be damaged by water. Similarly, the connection between the throttle and controller must be protected from water at all times.

**Batteries:** There is one, sealed lithium battery included with the OSET bike.

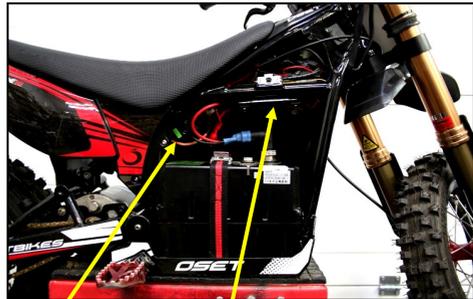
**Motor:** The motor is the end of the line where the power is actually delivered. The motor is made up of many components. Any servicing must be carried out by trained technicians only. Please do not attempt to separate or dismantle the motor in any way.

**Relay:** The relay is activated by the switch. It makes a 48v connection that allows power to be pulled from the batteries to the controller and ultimately to the motor. The relay has connections that should not be touched unless the batteries are disconnected. The relay is a non-serviceable item. Shown below.

Several other components make up the electrical system, such as the switch, the charge port, the speed switch, the response dial etc.



*Main fuse*



*Relay*

*Controller*



## **WARNING**

There are no user serviceable elements incorporated into the motor controller, batteries, battery charger, throttle of your OSET electric bike. DO NOT ATTEMPT TO DISASSEMBLE OR ADJUST ANY OF THESE COMPONENTS. Doing so may cause extensive damage to these components, will void your warranty and may cause a hazardous situation. If you cannot resolve a problem using this owners manual, contact your OSET authorized dealer, or call the OSET Customer Service Department for assistance.

# SETTING UP YOUR OSET FOR RIDING

1. Set the speed dial to the correct level for the rider.  
**Low for non-experts and all riders under 10 years old.**  
ALWAYS CHECK BEFORE RIDING.
2. Set the 'response' dial to the correct level for the rider.  
**Low for all non-experts and all riders under 10 years old.** ANTI-CLOCKWISE for low.  
CLOCKWISE for high.
3. Set the 'power' dial to the correct level for the rider.  
**Low for non-experts and all riders under 10 years old.**  
ANTI-CLOCKWISE for low. CLOCKWISE for high.
  - A. Ensure everyone is clear of the bike.
  - B. Place the bike on a stand or block, so both wheels are above the ground.
  - C. Switch the bike on.
  - D. Turn speed dial to low. Set to high for experienced/advanced riders over 10 years old ONLY.

Turn the power dial in very small increments to the desired setting. **ALWAYS** start the rider on the slowest settings!



4. Check the tires are inflated to between 20 & 40 psi. Light riders can run lower pressures.
5. Check the chain for tightness and lubrication.
6. Set the controls correctly for the rider.
  - A. With the wheels on the ground, sit the rider on the bike.
  - B. Adjust the lever positions so they are easy to reach, and check that the brakes are functioning correctly, and at the desired level. Adjust the 'reach' of the levers to suit the rider. For more information see *page 19*.

## **CAUTION**

Improper set-up is dangerous! It is your responsibility to set the machine to the ability of the rider. Failure to do so could result in injury and damage to the machine.

## NOTE

*As the responsible adult, you must ensure that the OSET and its rider are ready to ride, every time. The bike must be set to the abilities of the rider, and you must ALWAYS supervise when, where and how the bike is ridden. Children can lose concentration quickly, and be distracted easily. If the speed or throttle response is set too high then loss of control could result.*

## **BEGINNERS & LEARNERS**

With the bike set up correctly, your OSET is ready to ride! For learning riders, please use these tips and instructions. The riders will get the most enjoyment if they feel safe and in control. Do not be tempted to start the riders too quickly. Make sure the speed and response are set to their slowest settings to begin.

## **STATIONARY LEARNING**

1. Ensure the key switch is in the off position.
2. Lift the machine on to a stand or block so the back wheel is an inch or two off the ground. Ensure the bike is stable and cannot be rocked or fall off the stand.
3. Sit the rider on the machine.
4. Explain all the controls:
  - A. Throttle
  - B. Front Brake (right hand side).
  - C. Back Brake (left hand side).

Have the rider practice each control, while the power is still off.

5. Explain that it's time to try some stationary practice, with the power turned on. Place the rider's feet either on the pegs, or on the ground. Either way, make sure the rider is wearing boots with no laces, and no loose clothing.
6. Start with both hands on the handlebars.
7. With the power on, and the riders hands on the bars, have the rider practice opening and closing the throttle. The aim is to get some throttle control, and not use it as an 'on-off' switch. This is very important.

**DO NOT RIDE UNTIL THIS HAS BEEN LEARNED FULLY.**

8. While still practicing the throttle, practice using the rear brake to stop the back wheel. Make sure that this is coordinated. The throttle and brake should not be applied simultaneously.

**UNTIL THESE SKILLS ARE MASTERED, DO NOT LET THE CHILD RIDE THE BIKE!**

## NOTE

If the rider does not fully understand the controls and demonstrate these skills, do not let them ride. They can try again at a later date when they are ready. The riders must learn at THEIR pace.



## **OSET UK Warranty Policy**

*This document guarantees the original purchaser of a vehicle manufactured by OSET, that the materials and the manufacturing are free of defects. With this document OSET guarantees the customer (hereafter referred to as the 'purchaser'), in accordance with the conditions set out below, a replacement free of charge of any component with a defect in materials or that is the result of faulty manufacture that is detected in a new motorcycle within the period covered by this Warranty, with no limit on the distance covered or hours of use.*

***This warranty is limited to replacement or repair of defective components and/or complete bike, where found to be defective by OSET and at their sole discretion.***

***OSET shall in no event be liable or responsible for incidental or consequential losses, damages to person(s), animals, property or other expenses in connection with their products.***

## **Warranty Period**

*The period covered by this warranty will begin on the date of purchase, to the original purchaser by an OSET authorised dealer and shall last for 6 calendar months from this date.*

*Official new OSET lithium batteries are covered for a period of 12 calendar months, from the date of purchase by the original purchaser.*

*The authorised OSET dealer is responsible for any unwarranted faults that become apparent within the period established by Directive 1999/44/EC and specifically the UK Sale and Supply of Goods to Consumers Regulations 2002. Should a fault appear during the first six months of ownership, it will be presumed that the fault existed at the time of delivery. After this period, to the end of the sixth year (England, Wales and Northern Ireland) or fifth year (Scotland), the purchaser must demonstrate that the unwarranted fault existed at the time of delivery.*

*Any defects or faults in the product **must** initially be brought to the attention of an OSET authorised dealer within the products warranty period. If the last day of this period falls on a Sunday or an official holiday, the warranty period will be extended, such that the last day of the period covered will be the next working day.*

*The subsequent warranty period of any components repaired and/or replaced within the warranty period, shall end at the expiry date of the original warranty period, dated from the date of purchase of the vehicle concerned.*

***Claims under warranty for defects/faults not brought to the attention of an authorised OSET dealer before the end of the warranty period, will be excluded.***

# FIRST RIDE

## **CAUTION**

Always start on the slowest settings. Only allow competent riders with full instruction to ride the bike. Do not allow inexperienced riders on the bike before they have demonstrated a complete knowledge of the controls.



After the rider understands the controls and is comfortable with them, it's time for the first ride. For this, the rider must be dressed correctly in suitable safety gear. Boots, gloves, a helmet and eye protection are necessary.

The venue must be flat, open and safe, with no obstacles of any kind. The machine must be set up correctly, with the speed set to its lower setting and the throttle response set to its lowest.

1. Ensure the power is turned off.
2. While an adult supports the bike, the rider can get on.
3. The rider now can reach back with their left foot, and put the side-stand to the up position. Have an adult ready to hold the bike up for this!
4. Encourage the rider to rock the machine from side to side and forward and back, in order to get comfortable with the weight of the bike.
5. The rider can now switch the machine on.
6. Before turning the throttle, the rider's legs can be splayed forward and out like outriggers.
7. The rider can now twist the throttle (as slowly as possible) and go. Encourage them to go and stop, go and stop... using the brakes to stop. Have a supportive hand on the rear fender whenever possible.
8. Once comfortable, the rider can try to ride along and lift their feet onto the pegs as they go.
9. When stopped, turn the power off.

## **CAUTION**

If the rider drops the bike, ensure that the lanyard is removed from the bike and it is turned OFF before lifting the bike. It is good practice to turn the power off whenever there is no rider on the bike.

We are confident that you will enjoy many years of pleasurable riding with your OSET electric bike however once it has reached the end of its service life it should be disposed of in the correct way and separated for environmental friendly recycling. For guidance regarding proper disposal please contact your local dealer, distributor or the customer service department at OSET.

Do not dispose of OSET components, batteries or chargers into house hold waste. Batteries that are no longer suitable for use can also be directly returned to the dealer you purchased the bike from or to:  
Great Britain



### **OSET Bikes Ltd**

Units 5-6, Highfield Business Park  
Sidney Little Road  
Saint Leonards-on-Sea  
East Sussex TN38 9UB  
01424 834440  
[www.osetbikes.co.uk](http://www.osetbikes.co.uk)  
[info@osetbikes.co.uk](mailto:info@osetbikes.co.uk)

United States of America

### **OSET Corp**

425 Kristen Ct, Unit 6  
Montrose  
CO 81401  
USA  
303 990-2390  
[www.osetbikes.com](http://www.osetbikes.com)  
[info@osetbikes.com](mailto:info@osetbikes.com)

In the USA you can find very useful information regarding recycling through their official program [www.call2recycle.org](http://www.call2recycle.org).

For UK customers, please visit [www.recyclenow.com](http://www.recyclenow.com) to find your local recycling centre and <http://www.batteryback.org/battery-collection.html> for information on battery recycling. For the rest of the world please contact your OSET distributor.

OSET are in over 25 Countries.

Please visit [www.osetbikes.com](http://www.osetbikes.com) for the latest importer/distributor information list.

[www.Facebook.com/osetbikes](http://www.Facebook.com/osetbikes)

[www.Twitter.com/osetbikes](http://www.Twitter.com/osetbikes)

WEEE Producer Environment Agency Reference Number: WEE/MM4649AA

WEEE Compliance Scheme Registration Number: CD01/00956

Battery Producer Environment Agency Reference Number: BPRN06922

Battery Producer Compliance Scheme Registration Number: BBCE193

# LIMITED WARRANTY

## **Obligation of the Purchaser**

OSET have the right to **reject** any claims under this warranty in the event that;

- *The authorized OSET dealership failed to register the bike with OSET within a reasonable period of time (15 working days). If this occurs and the OSET dealer fails to register the bike with OSET, then the purchaser shall still be covered by the statutory 6-month warranty with sole responsibility being with the dealer who sold the bike. OSET will **not** be liable for replacement part costs*
- *The purchaser did not first contact their original authorized OSET dealer to report the warranty claim.*
- *The purchaser is unable to provide sufficient proof of purchase in the event of a warranty claim.*
- *The purchaser has failed to carry out any necessary maintenance work on the product, in accordance with the accompanying Owners' Manual.*
- *Faults / Defects were noticed during previous inspections / maintenance work and where not rectified appropriately.*
- *An inspection or repair has been carried out by third parties not recognised or authorised by OSET.*
- *An inspection, maintenance or repair has been carried out on the vehicle that violates the technical requirements, specifications and/or Owners' Manual guidance indicated by OSET.*
- *Spare parts whose use have not been authorised by OSET have been used during maintenance and/or repair work of the vehicle.*
- *The vehicle has been altered or modified in any way or fitted with components other than those expressly authorised by OSET.*
- *The vehicle has been used for purposes other than ordinary use as outlined in the Owners' Manual.*

**Components found to be defective must be returned to OSET, before a warranty replacement part will be issued, unless otherwise authorized by OSET.**

## **Exclusions to this Warranty**

This OSET limited warranty does not cover the following items;

- *Normal wear and tear of components where the vehicle has been subject to ordinary use.*
- *Any component which has been directly or indirectly damaged as a result of a fall, crash or other incident.*

# LIMITED WARRANTY

- *Any third-party labor and/or carriage costs involved in the repair of the vehicle. Return shipping of repaired / replacement parts from OSET or their authorized dealer, will be covered free of charge.*
- *Components considered to be consumable(s) and therefore are excluded from this warranty are as follows; **Grips, Tyres, Inner Tubes, Brake Pads, Brake Discs, Sprockets, Chains, Bearings, Motor Brushes, Seals, Fuses.***
- *Lubricants, oils and other fluids are excluded from this warranty.*
- *Damage to paintwork and/or consequent corrosion due to external causes such as stone chips, salts, industrial fumes and other environmental impact, or inadequate cleaning and maintenance with inappropriate products.*
- *Phenomena that are a result of the ageing of the vehicle (such as discoloring of surfaces).*
- *Products used for commercial purposes, i.e. hire rental, demonstrations or for where products have been misused, i.e. stunt riding, etc.*
- *Warranty claims not submitted by the official claim procedure as set out by OSET.*

## **Various**

*OSET retain its discretionary right, to decide whether to repair or replace any part found to be defective. Where parts are replaced, ownership of the parts removed shall pass to OSET without any other consideration.*

# IMPORTER CONTACT INFORMATION

Please visit [www.osetbikes.com](http://www.osetbikes.com) for the latest importer/distributor information list.

Country	Company	Telephone	Email
Australia	OSET Bikes Down Under	+61 419 634 948	<a href="mailto:peteg@oset.com.au">peteg@oset.com.au</a>
Austria	OSET Bikes Austria	+43 676 970 7676	<a href="mailto:office@osetbikes.at">office@osetbikes.at</a>
Belgium	Pro Bike	+32 069 559 607	<a href="mailto:probike@skynet.be">probike@skynet.be</a>
Canada	OSET Corp.	+1 303 990 2390	<a href="mailto:info@osetbikes.com">info@osetbikes.com</a>
Czech Republic	Harness S.R.O	+42 060 420 8299	<a href="mailto:humpal.j@seznam.cz">humpal.j@seznam.cz</a>
Denmark	OSET Bikes Scandinavia	+45 401 046 40	<a href="mailto:oset@osetbikes.dk">oset@osetbikes.dk</a>
Estonia	OSET Bikes Estonia	+372 56 58370	<a href="mailto:tonis@ross.ee">tonis@ross.ee</a>
Finland	OSET Bikes Finland	+45 401 046 40	<a href="mailto:joa.hindren@joainternational.fi">joa.hindren@joainternational.fi</a>
France	TRUSTY	+33 768 377 673	<a href="mailto:andre@trusty.fr">andre@trusty.fr</a>
Georgia	OSET Georgia & Armenia	+37 477 487 745	
Germany	OSET Bikes Germany	+49 152 537 98710	<a href="mailto:info@osetbikes.de">info@osetbikes.de</a>
Greece	Athenscircuit Megara	+30 698 555 5590	<a href="mailto:christos@eurosport-tv.gr">christos@eurosport-tv.gr</a>
Ireland	MMX Ireland	+353 872 519 348	<a href="mailto:info@mmx.ie">info@mmx.ie</a>
Israel	Zero Motorcycles	+972 73 737 1688	<a href="mailto:marc@zeromotorcycles.co.il">marc@zeromotorcycles.co.il</a>
Italy	F+G Srl	+39 122 333 47	<a href="mailto:commerciale@fgdistribution.com">commerciale@fgdistribution.com</a>
Japan	OSET Bikes Japan	+81 782 202 122	<a href="mailto:kenichi@gdr.jp">kenichi@gdr.jp</a>
Netherlands	Nonstop Motoren Bv	+31 735 325 484	<a href="mailto:info@nonstopmotoren.com">info@nonstopmotoren.com</a>
New Zealand	OSET Bikes New Zealand	+64 456 350 54	<a href="mailto:sales@oset.co.nz">sales@oset.co.nz</a>
Norway	OSET Bikes Scandinavia	+45 401 046 40	<a href="mailto:oset@osetbikes.dk">oset@osetbikes.dk</a>
Portugal	TrialMotor	+351 912 274 018	<a href="mailto:info@trialmotor.com">info@trialmotor.com</a>
Russia	IDS LLC	+7 903 148-28-53	<a href="mailto:andreynev@gmail.com">andreynev@gmail.com</a>
South Africa	Midas Construction	+27 824 530 895	<a href="mailto:dcil@mweb.co.za">dcil@mweb.co.za</a>
Spain	OSET Bikes Spain	+34 629 255 800	<a href="mailto:mark@osetbikes.es">mark@osetbikes.es</a>
Sweden	OSET Bikes Scandinavia	+45 401 046 40	<a href="mailto:oset@osetbikes.dk">oset@osetbikes.dk</a>
Switzerland	OSET Bikes Switzerland	+43 676 970 7676	<a href="mailto:office@osetbikes.at">office@osetbikes.at</a>
Turkey	Rider Moto Co	+90 532 314 9756	<a href="mailto:salim@rider.com.tr">salim@rider.com.tr</a>



# NOTES





**OSET**  
TAKING FUN SERIOUSLY



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