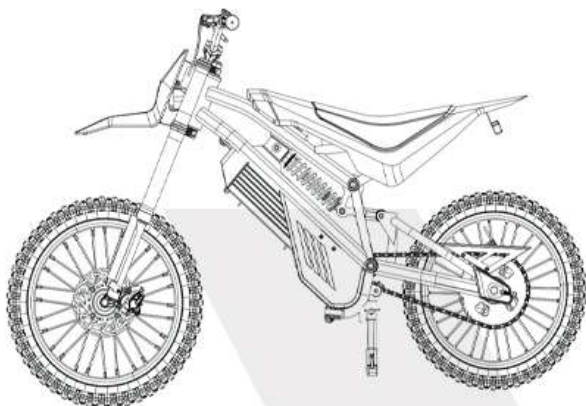


OWNER'S MANUAL

Read and understand this entire manual before using this products! for assistance contact customer service.
DO NOT RETURN.



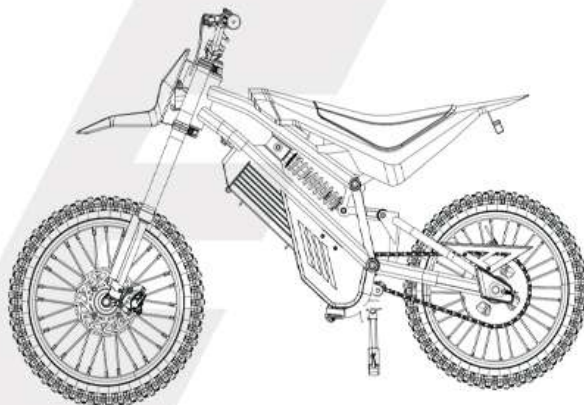
Dirt bike is to be used in OFF-ROAD AREAS ONLY. Check your local law before riding. Please read manual for information or assembly and product features.

WELCOME

Please refer to actual product.

BOX CONTENTS

- Electric dirt bike
- Owner's manual
- Accessory- charger
- Accessory - front wheel
- Accessory - front fender
- Accessory-Installation tool

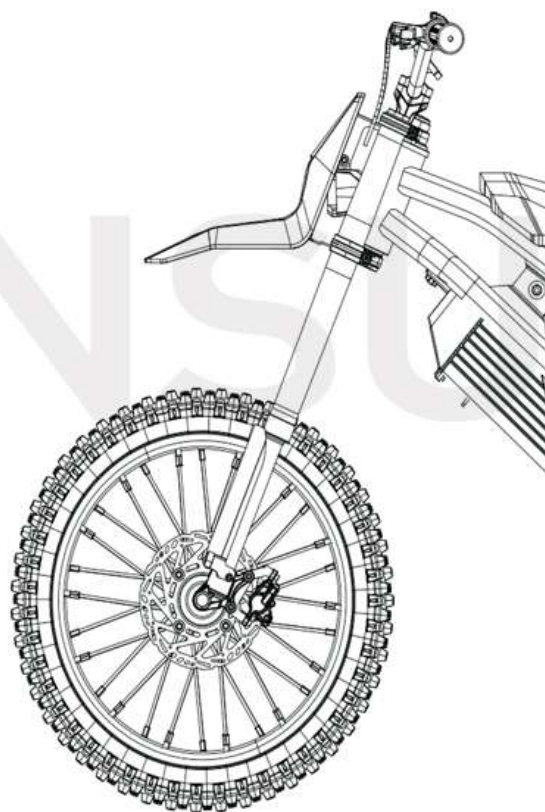


THE EM22-2 ELECTRIC DIRT BIKE IS FOR ADULT USER AND SHOULD ONLY BE FIRDED CAREFULLY AND RESPONSIBLY BY APPROPRIATELY MATURE AND RESPONSIBLE RIDERS EXERCISING CAUTION AND RESPECTING APPLICABLE LAWS.

This product is not a toy for your riders! This product is manufactured to be used OFF-ROAD ONLY and is not designed or intended to be street legal. EM22-2 emphasizes the importance Of riders to understand the risks associated with riding and electric dirt bike. Bluntly put, you could get hurt and your actions could cause injury to others. You must be cautious, alert and take reasonable precautions to minimize such risks or falls, impacts or other dangerous situations. The user must be, and is, responsible for determining whether local laws permit use of the EM22-2 in varying circumstances (there is no "uniform Federal law" in existence to establish universal riding conditions). the rider must be, and is, responsible for acting maturely, carefully and with respect for potentially adverse riding conditions including darkness or impaired visibility, fog, rain, snow, hail, ice or electrical storms, which increase the dangers inherent in operation and electric dirt bike. The rider must be, and is, responsible for adjusting riding behavior and braking distance to suit the weather and riding conditions, and also to recognize that riding in low visibility conditions decreases your ability to see and be seen.

It is absolutely recommended that any rider wear a proper helmet to minimize potential head injuries. Use of the EM22-2 electric dirt bike is recommended for mature riders - using age 15+ (the generally recognized age of "legal consent") as guide, Riders of the EM22-2 electric dirt bike must respect and adhere to all locally applicable laws and rules applicable to the use of such products, be legal and be safe!

INTRODUCTION



⚠ WARNING

Riding presents potential risks and caution is required. When riding this electric dirt bike there are inherent hazards associated with its use (for example: falling off or riding it into a hazardous situation). Like any riding product, EM22-2 is intended to move, therefore, it is possible to lose control or otherwise get into dangerous situations. Riders must recognize that if such things occur, a rider can be seriously injured or die, even when using safety Equipment and other precautions. **RID AT YOUR OWN RISK AND USE COMMON SENSE.**

Always check and obey any local laws or regulations. These may affect the locations where EM22-2 electric dirt bike may be used. This bike is for off-road use only, riding on public streets may result in legal action or risk of traffic-related injuries.

EM22-2 electric dirt bike is for mature riders, it is only to be used in off-road conditions, or as legally permitted, personal responsibility and compliance local laws is imperative and is the rider's responsibility. Only use where allowed and with caution.

NOT FOR RIDERS UNDER AGE 15 OR HEAVIER THAN 265 LB (120KG). DO NOT EXCEED THE WEIGHT LIMIT OF 265 LB (120KG)- including backpacks and other items that might be carried. Exceeding the weight limit could injure the rider and damage the EM22-2. rider weight alone also does not necessarily mean a person's size is appropriate to fit or maintain control of the EM22-2. keep this product away from small children and remember that this product is not a toy and is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating the product.

NECESSARY TO BE RIDDEN BY MATURE RIDERS: Because products, like the EM22-2, can and do present potential hazards plainly associated with their use, it is well recognized. **USE BEST JUDGMENT WHEN DETERMINING WHETHER OR NOT TO RIDE,** not everyone is suited to ride this product, physical and mental abilities should be considered before riding.

only the manufacturer's authorized replacement parts, and should not be modified from the manufacturer original design and configuration.

ACCEPTABLE RIDING PRACTICES AND CONDITIONS

Do not activate the throttle unless you are on the EM22-2 and in a safe, outdoor environment suitable for riding. Once the throttle is activated the EM22-2 will move forward.

The normal powered top speed of this product will be approximately 43.5 mph (70km/h), which can be affected by conditions, such as rider weight, inclines and battery charge level. Avoid excessive speeds that can be associated with downhill rides. Maintain a hold on the handlebars at all times. Do not touch the brake rotors or motor on your EM22-2 when in use or immediately after riding, as these parts can become very hot.

GENERAL SAFETY

Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid anything that may enter.

your path, and respect the rights and property of others. The EM22-2 is intended for use on off-road surfaces, such as loose debris, sand, leaves, rocks or gravel. Wet, slick, bumpy, uneven or rough surfaces may impair traction.

and contribute to possible accidents. Do not ride your product on ice, puddles or water. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Avoid sharp bumps, asphalt/roads and sudden surface changes. Use caution when attempting stunts or tricks on the EM22-2. the EM22-2 is not made to withstand abuse from misuse, such as aggressive jumping, curb grinding or any other type of stunts. Racing, stunt riding, or other maneuvers also enhance risk of loss of control, or may cause controlled rider action or reactions.

Riding at night or when visibility is limited increases risks of accident or injury. Should the EM22-2 be ridden in such conditions, use of light and additional measures to increase rider visibility and EM22-2 conspicuous are advised.

⚠ SAFETY WARNING

It is for ADULT USE ONLY, children under the age of 15 not be permitted to use this product. This recommendation is based not just on age or weight or height; it reflects consideration of expected maturity and skills as well as physical size. The recommended rider age of 15 years or older is only an estimate and can be affected by the rider's size, weight or skills - not every rider 15 years old or older will be suited to the product. Certainly any rider unable to fit comfortably on the EM22-2 electric dirt bike should not attempt to ride it.

ⓘ SAFETY INSTRUCTIONS

Keep this product away from small children and remember that: it is intended for Adult use Only by persons who are, at a minimum, completely comfortable and competent while operating the EM22-2 electric dirt bike. Persons with any mental or physical conditions that may make them susceptible to injury, impair their physical dexterity or mental capabilities to recognize, understand, and follow safety instructions and to be able to understand the hazards inherent in the use of any ride-on product, should not use or be permitted to use products. Riding at night or when visibility is limited increases inappropriate for their abilities. Persons with heart conditions, head, back or neck ailments (or prior surgeries to these areas of the body), or pregnant women, should be cautioned not to operate the EM22-2 electric dirt bike.

DO NOT EXCEED THE WEIGHT LIMIT OF 265LB(120KG) Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control; of the EM22-2.

CHECK AND MAINTAIN PRODUCT CONDITIONS

Before use, check to confirm that covers and guards are in place and in serviceable condition. Check that the brakes and display are functioning properly, that the tires are inflated properly and have sufficient tread remaining. The product should be maintained and repaired in accordance with the manufacturer's specifications using

Single Rider. This product is designed for one person only. Do not carry passengers or other items. Never allow more than one person at a time to ride the product. Never use near steps or swimming pools.

The EM22-2 can operate more quietly than other motorized products may operate. Use care when in the vicinity of pedestrians or others who may have difficulty hearing your approach.

Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts or wheels while the motor is engaged.

Do not touch electric motor or brake rotors when in use or immediately after riding.

Never ride your product while under the influence of drugs or alcohol.

PROPER RIDING ATTIRE

Always wear proper protective equipment, such as an approved safety helmet (with chin strap securely buckled), elbow pads, and knee pads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt, and long pants are recommended. Always wear shoes and keep shoelaces tied and out of the way of the wheels and motor. Never ride barefooted or in sandals.

⚠ WARNING

When using this product, basic precaution should always be followed, including the following:

- Read all the instructions before using product.
- Do not put fingers or hands into the product.
- Do not use this product if the flexible power cord or output cable is frayed, has brake insulation or any other signs of damage.

- ⚠ Always make sure the bike is switched to the "OFF" position before removing or installing the battery. Not doing so can cause personal injury or damage to the battery.

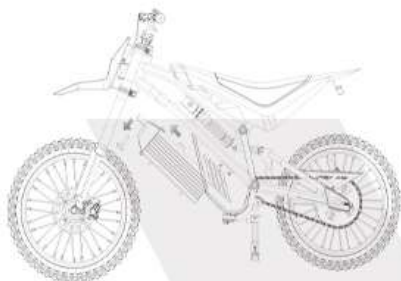
BATTERY INSTALLATION/REMOVAL

Step 1: Unplug the charging cable and remove the power cable

Step 2: loosen the plum screws

Step 3: Lift the battery

- ⚠ Repeat the steps in reverse order when installing the battery!



BATTERY INSTALLATION / REMOVAL

WARNING

When bike is being stored for long periods of time, the fuse switch should be switched to the "OFF" position.

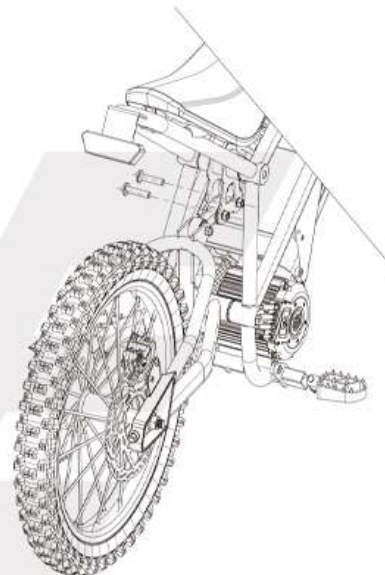
DO NOT install or remove the battery without first consulting this section of the manual. If steps are done out of order, the battery or bike components can be damage.

Tools required: 6mm Allen wrench and 17mm open end wrench.

Step 1: Put the M10mm X L40mm screw through the rocker arm and through the shock absorbing , screw the M10 nylon lock nut.

Step 2: Put the M10mm X L40mm screw through the rocker arm, through the tie rod, screw the M10 nylon lock nut

Step 3: Use a 6mm Allen wrench and a 17mm open end wrench to place the two of Step 1 and Step 2. Tighten the nylon lock nut.



ASSEMBLY/SET-UP

Tools required: one 17mm open end wrench, one 19mm open end wrench.

step 1: Pass the M15mm X L200mm screw through the left shock absorber head; Pass through the longer spacer sleeve; Cross the front wheel; Pass the shorter spacer through the right shock head and put the nut on.

Step 2: Tighten the screw and nut with a 17mm open end wrench and 19mm open end wrench

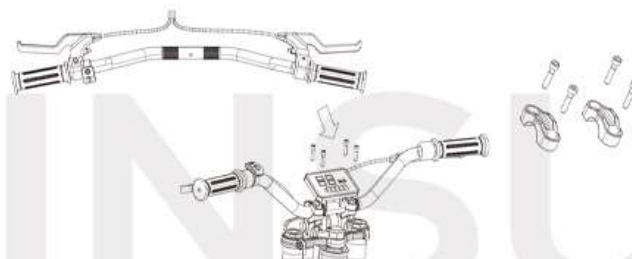


Tools required: 6mm Allen wrench

step 1: Place the handle and the upper pressing block in the shown position

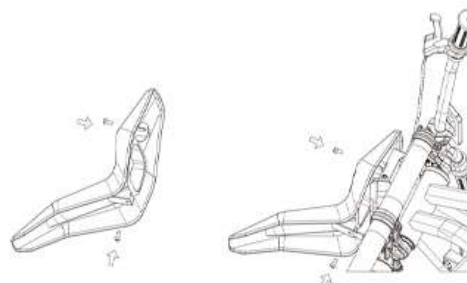
Step 2: insert four M8mmX20mm cylindrical head hex screws through the upper pressing block of the handle.

Screw into the handlebar bar with your bare hands. Adjust the comfortable riding Angle of the handlebars and then use the 6mm Allen wrench to put the handlebars on the upper pressing block and tightly lock the handlebars on the lower pressing block.



Tools required: 4mm Allen wrench

Step: Insert the M5 pan head hex screw onto the 4mm Allen wrench and pass through the front mud cable to the indicated position of the frame





HOW TO CHARGE THE BATTERY

1. Rotate in the direction of the arrow.
2. Insert the charging plug in.
3. After charging, make sure the lid is properly closed

⚠ WARNING

please make sure to use the supplied manufacturer's lithium-ion battery charger, Turn off the circuit switch is installing or removing, the battery from the bike, it is risky to connect the power cable while the circuit switch is on, it might cause spark and damaged the plug, it may even damage the battery. The charger will be automatically turned off when the battery is fully charged, however, please avoid leaving the charger connected to the power supply for too long.

BATTERY CHARGING

CHARGING SAFETY

- When charging, keep the battery in a safe place where children can't reach.
- NEVER cover the charger when charging. This charger is for indoor use, please make sure to use it in a dry, well-ventilated environment.
- NEVER store the charger outdoors -always store indoors when not in use.
- NEVER set the output cable, power cord and the charger on a wet surface.
- NEVER use the charger with defective power cord and damage wires.
- NEVER attempt to plug in the charger using wet hands or in an extremely humid environment.
- NEVER place the charger directly under the sun.
- NEVER use the charger in inflammable and explosive areas.
- NEVER cover the vent on the charger and keep the vent 10cm away from other objects.
- NEVER disassemble, repair and modify the charger.
- ALWAYS unplug charger from AC outlet before attempting any maintenance or cleaning.
- ALWAYS place the charger in a clean and ventilated environment while charging.
- ALWAYS plug in and unplug the AC power cord by grasping the plug and
- DO NOT DRAG THE POWER CORD ITSELF to reduce risk of damaging power cord.

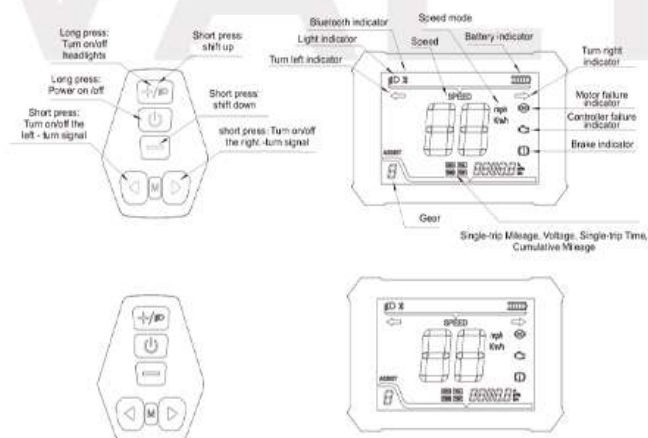
⚠ WARNING

Battery charge can deplete over time. Periodically recharge battery when not in use.

TROUBLE SHOOTING

NO.	Error codes	Error Description	How Troubleshoot
1	E04	Motor Hall failure	1.Check if the 6 pin plug of the motor Hall sensor is loose. 2.Replace the motor.
2	E07	Motor failure	1.Check if the motor phase wires are properly connected. 2.Replace the motor.
3	E08	Throttle failure	1.Check if the throttle plug is loose. 2.Replace the throttle grip.
4	E09	Controller failure	1.Replace the controller.
5	E10	Communication failure	1.Check if the connection between the instrument and the communication cable is loose. 2.Check if the plug-in between the communication cable and the controller is loose. 3.Replace the instrument. 4.Replace the communication cable. 5.Replace the controller.

DISPLAY FUNCTIONS



MAINTENANCE GUIDE

Turn power switch "OFF" before beginning any repair or maintenance.

- Read the instructions.
- Remove the charge plug.
- Turn the power off.
- Secure the product under repair.
- Exercise caution around exposed parts.
- Contact local dealer service if unsure about and repair or maintenance.
- Repair and maintenance should be performed by and adult only.

CHECK PARTS

- Check all control surfaces for damage, missing components or loose connections.
 - Re-inspect the parts that we not installed from the factory.
 - Check the chain tension.
 - Check the display functions to make sure all important information and functions are working.
 - Suspension adjustment, Check if there is oil leakage and if the compression and rebound damping is in the correct position.
 - Check the tightness of all screws on the handlebars.
- Note: Bike should be inspected in a safe environment. it is recommended that you park the bike on flat ground for inspection. when inspection is needed, please consult the manual or customer service for detailed instructions. If there is any issue during the inspection, DO NOT ride without resolving the issue. if there issue continues or is to difficult for you to solve, please customer service.

CHARGER

The charge supplied with this product should be regularly examined for damage to the cord, plug, enclosure and other parts and in the event of such damage, the product must not be charged until it has been repaired or replaced. Use ONLY with the recommended charger. Not intended for use at elevations greater than 2000 m above sea level.

CHECK OPERATION

Inspect for bent, deformed, or damaged parts.

Engage front brake and press down on the handlebars to check that the front fork is

MAINTENANCE

functioning properly. If the fork is damaged or malfunctioning, please contact customer service.

Check brakes, activate the front and rear brake lever to see if the calipers are squeezing the rotor. DO NOT ride if one or both brakes are not operational. If the brakes are operational, ride at low speed on dry flat surface for inspection. Check tires, the tires can and will be damaged by debris such as glass, metal, stones and other matter on the ground.

Check tire pressure before riding, if tire pressure is low, refill to the recommended "Si listed on the sidewall of tire, please pay attention to the conditions when riding. Avoid riding in places where tires may be damaged. In addition, you should often check if the tires have distinct defects such as cracks, cuts and other damages. Tire should be replaced if there is significant damage, low groove depth, discoloration, if the tire is more 5 year old.

For any questions or concerns regarding maintenance on product, please contact local dealer customer service.

⚠ WARNING

The front and rear brakes are disc brakes, when the brake pads are worn please replace them as soon as possible. To avoid injury or damage, keep the disc brake system clean. Avoid long-term adhesion of sediment and oil pollution, these will prevent proper stopping power of the brakes.

During the whole maintenance process, DO NOT power on the bike. This can cause injury or damage.

CLEANING YOUR EM22-2

Turn power switch "OFF" before beginning any repair or maintenance.

Wipe with a damp cloth to remove dirt and dust. Do not use industrial cleaners or solvents as they may damage the surfaces. Do not use alcohol, alcohol-based or ammonia-based cleaners as they may damage or dissolve the plastic components or soften the decals or decal adhesive.

BATTERY CARE AND DISPOSAL

Do not store in freezing or below freezing temperatures.

Disposal: Your electric product uses a lithium-ion battery pack which must be recycled or disposed of in an environmentally safe manner. Do not dispose of a battery pack in a fire. The battery pack may explode. Do not dispose of a battery pack in your regular household trash. The incineration, land filling or mixing of batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lithium-ion battery recycle.

CONTAINS LITHIUM-ION BATTERY PACK

BATTERIES MUST BE RECYCLED.

RECYCLING LITHIUM-ION BATTERIES

Lithium-ion batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

⚠ WARNING

Using a hose or pressure washer on this product can damage wire connections and water proof areas.

DO NOT handle damaged lithium-ion batteries.

EM23

ADULT OFF-ROAD ELECTRIC DIRT BIKE

PRODUCT SPECIFICATIONS



BIKE SPECIFICATIONS

MOTOR	BRUSHLESS DC PERMANENT MAGNET MOTOR
POWER	Rated power 2500W Max power 4000W
CONTROLLER	60V80A
BATTERY	60V27AH, REMOVABLE
FRAME	CARBON STEEL
MAX SPEED	43.5MPH/70KM/H
RANGE	80km (at speed of 25km/h)
CHARGE TIME	5-6 HOURS
FRONT WHEEL	70"100-19 inch
REAR WHEEL	70"100 -17 inch
GEAR	25km/h, 45km/h, 70km/h