ROSSO E-Dirt Bike OWNER MANUAL



Warranty

ROSSO MOTORS warranties this product to be free of manufacturing defects for a period of 90 days from date of purchase. This Limited Warranty does not cover normal wear and tear, tires, tubes or cables, or any damage, failure or loss caused by improper assembly, maintenance, storage or use of your E-Dirt Bike

This Limited Warranty voided if the product is:

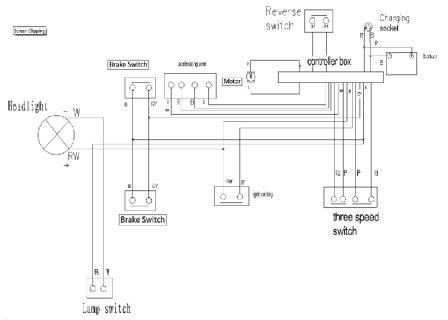
- Used in a manner other than for recreation;
- Modified in any way;
- Rented.

ROSSO MOTORS is not liable for incidental or consequential loss or damage due directly or indirectly to the use of this product.

Troubleshooting

| Problem | Possible cause | Solution |
|------------------------|-------------------------------|---|
| Power does not turn on | Fuse not installed/burnt out | Replace fuse |
| | Main switch/ignition is off | Turn main switch on |
| | Battery not connected | Connect battery |
| | Battery not charged | Charge battery |
| | Loose connection | Check connections on the battery, controller, main switch |
| Power ON but motor | Throttle failure | Check throttle connections or replace throttle |
| doesn't work | Brakes are too tight | Adjust brakes |
| | Motor connections are loose | Check and tighten connections |
| | Brake lever not released | Release brake lever |
| | Gear shifter failure | Check connections to gear shifter or replace if |
| | | necessary |
| Low distance travel | Battery not charged | Charge battery |
| | Low tire pressure | Inflate tires |
| | Chain is loose | Adjust chain |
| | Overweight | Refer to weight limit on this manual |
| | Brakes are too tight | Adjust brakes |
| Charger not working | No power at the outlet | Check power to the outlet |
| | Charger defective (no lights) | Replace charger |

Wiring diagram:



General information:

WARNING: Riding an electric Dirt Bike can be dangerous. Like other electric products, electric Dirt Bikes can and are intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions.

RIDE AT YOUR OWN RISK AND USE COMMON SENSE.

This manual contains many warnings and cautions concerning the consequences of failing to maintain, inspect or properly use your electric Dirt Bike. Because any incident can result in serious injury or even death, we do not repeat the warning of possible serious injury or death each time such a possibility is mentioned. APPROPRIATE RIDER USE AND PARENTAL SUPERVISION IS REQUIRED

This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that young riders are able to safely and responsibly use this product. Rosso Motors recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your children's E-Dirt Bike to insure their safety.

A parent's decision to allow his or her child to ride this product should be based on the child's maturity, skill and ability to follow rules.

Keep this product away from small children and remember that this product is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating the product.

DO NOT EXCEED THE WEIGHT LIMIT OF 90 POUNDS. Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the E-Dirt Bike. Do not touch the brakes or electric motor on your electric Dirt Bike when in use and/or immediately after riding as they can become very hot.

Always check and obey any local laws or regulations which may affect the locations where the E-Dirt Bike may be used.

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 pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

The E-Dirt Bike is meant to be used on private property and on closed courses and not on public streets or sidewalks. Do not ride your electric Dirt Bike in any areas where pedestrian or vehicle traffic is present.

Do not activate the throttle control on the hand grip unless you are sitting properly on the electric Dirt Bike and in a safe, outdoor environment suitable for riding.

This product was manufactured for performance and durability but is not impervious to damage. Jumping or other aggressive riding can over-stress and damage the product, The rider assumes all risks associated with high-stress activity.

Be careful and know your limitations. Risk of injury increases as the degree of riding difficulty increases, The rider assumes all risk associated with aggressive riding activities.

Maintain a hold on the handlebars at all times.

Never carry passengers or allow more than one person at a time to ride the electric Dirt Bike.

Never use near steps or swimming pools.

Keep your fingers and other body parts away from the drive chain, steering system, wheels and all other moving components.

Never use headphones or a cell phone when riding.

Never hitch a ride with another product.

Do not ride the E-Dirt Bike in wet or icy weather and never immerse the electric Dirt Bike in water, as the electrical and drive components could be damaged by water or create other possible unsafe conditions.

Wet, slick, bumpy, uneven or rough surfaces may increase risks of use. Do not ride electric Dirt Bike in mud, ice, puddles or water. Avoid excessive speeds that can be associated with downhill rides. Never risk damaging surfaces such as carpet or flooring by use of an E-Dirt Bike indoors.

Do not ride at night or when visibility is limited.

PROPER RIDING GEAR

Always wear proper protective equipment such as an approved safety helmet, elbow pads and kneepads.

A helmet may be legally required by local law or regulation in your area.

A long-sleeved shirt, long pants and gloves are recommended.

Always wear athletic shoes (lace-up shoes with rubber soles), never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

Step 2: Adjust (tighten/loosen) chain adjuster bolts as necessary – make sure both bolts are adjusted equally

Chain adjuster bolt

Step 3: Tighten mount nuts



Pre ride check list

Brakes - Check the brakes for proper function. When you squeeze the lever, the brake should provide positive braking action.

Tires – Check tires periodically. Inspect tires for excess wear and replace as needed. Regularly check the tire pressure and inflate as needed.

Frame and Handlebars - Check for loose, cracked or broken connections. Although broken frames are rare, it is possible for an aggressive rider to run into a curb or object and wreck, bend or break the frame.

Hardware - Check and secure all fasteners (nuts, bolts) before every ride.



If the unit is damaged, do not ride.

Always wear proper protective gear, such as an approved safety helmet. Elbow pads, kneepads, pants and long sleeves are recommended. Always wear closed toe shoes and keep shoelaces tied and out of the way of the wheels, motor and drive system.



NEVER RIDE BAREFOOTED OR IN SANDALS.



Always check and obey any local laws or regulations.

Usage

- To start the E-Dirt Bike turn ignition/power switch clockwise until lights on the throttle/accelerator are on.
- 2. Check that the parking brake knob is released and gradually twist the throttle.
- 3. To stop the E-Dirt Bike, release the throttle and squeeze both brakes

Step 3: Plug the charger into the charging port and tighten (located on the left side)



3. Chain adjustment

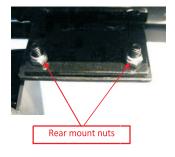
Riding a Dirt Bike with a chain in poor condition or improperly adjusted can lead to serious injury. Always inspect, maintain and adjust the chain properly before each ride Before adjusting the chain, make sure the motor is cool.

Do not touch motor after use.

Motor is (or can be) very hot.

Step 1: Unscrew (do not remove completely) motor mount nuts (front & rear)





Assembly:

- ROSSO E-Dirt Bike requires minimum assembly.
- Please follow instructions below in order to get your E-Dirt Bike assembled properly
- The E-Dirt Bike is supplied with 2 boxes, one contains the Dirt Bike and hardware and the other one contains battery.

1. Hardware box contents:



Handlebar clamp



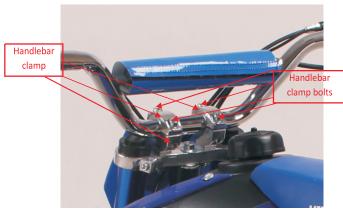
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1. Handlebar installation:



Failure to properly adjust and tighten the bolts can cause loss of control and crash.

Attach handlebar clamps and gear position indicator



2. Inflate tires

Inflate tires to the correct PSI before first ride and check pressure before each ride. Recommended tire pressure is: 7 PSI (Maximum: 20 PSI)



Battery installation

Step 1: Open battery bag and pull out connector plug



2. Charging

ROSSO E-Dirt Bike does not come with a fully charged battery, therefore you must charge it prior to use.

Initial charge time should take no less than 12 hours – keep it plugged in even if the light turns green.

Recharge time should take up to 12 hours, even if the light turns green. Recommended maximum charging time is 24 hours.

Always charge the battery immediately after riding.

Fully charge battery before storing for an extended period of time and then every 4-6 weeks Failure to recharge the battery periodically may result in reducing battery life time and can result in a battery that will not accept a charge.

Unplug charger from the wall outlet when not in use.

Make sure the E-Dirt Bike power switch is turned OFF when unit is not in use.

To ensure long battery life, never store the product in freezing or below freezing temperatures! Freezing will permanently damage the battery.

E-Dirt Bike run time is up to 60 minutes of continuous ride time. Ride time may vary depending on riding conditions, rider weight, climate, and/or proper maintenance. Constant stopping and starting may shorten ride time.



Charge the battery **ONLY** with the supplied charger.

Batteries are only to be charged under adult supervision.

Always disconnect the charger before wiping down and/or cleaning the E-Dirt Bike.

The charger supplied with the E-Dirt Bike should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the E-Dirt Bike must not be charged until it has been repaired or replaced.

Chargers have built-in over-charge protection to prevent battery from being over-charged. Note: If the charger gets warm during regular use, this is a normal response and is no cause for concern. If your charger does not get warm during use, it does not mean that it is not working properly.

Charging steps:

Step 1: Turn main switch OFF

Step 2: Plug charger into a wall - if the light on the charger does not light up, check power to the outlet.





Maintenance and adjustments



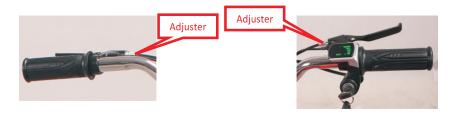
MAKE SURE IGNITION (MAIN SWITCH) IS OFF BEFORE PERFORMING ANY MAINTANANCE OR ADJUSTMENTS

1. Brakes adjustment



Failure to inspect and properly adjust brakes increases the risk of having an accident. Riding with worn brake pads can reduce braking performance and cause an accident. Check and adjust brakes before each ride

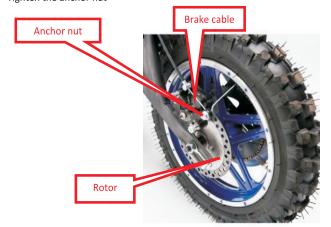
To adjust cable play on the left (rear) brake lever – tighten/loosen adjuster
To adjust cable play on the right (front) brake lever - tighten/loosen adjusters



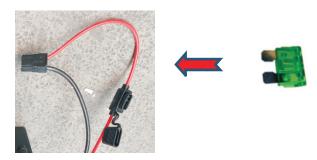
Calipers adjustment (front & rear)

Loosen (do not remove completely) anchor nut and pull brake cable (see directions) until the pads are almost touching the rotor (disc brake)

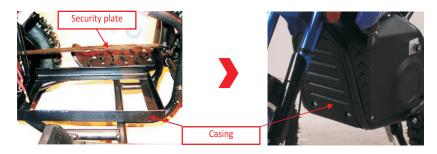
Tighten the anchor nut



Step 2: Insert the fuse in the fuse housing located on the battery positive (RED) wire

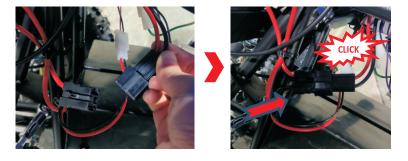


Step 3: Remove battery security plate and place battery into the casing and secure/tighten the bolts



Step 4: Connect plugs - until you hear "CLICK"

Make sure that ignition switch is **OFF**



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5. Install reflectors (RED reflectors at the back of the Dirt Bike and ORANGE at the front)



Components definition:



Operation controls:

1. Ignition/Power switch – The switch located on the right side of the E-Dirt Bike



2. Battery level indicator

Located on the right side of the handle bar,

MAX (green) – battery capacity is full

MID (yellow) – battery capacity is half full

MIN (red) – battery capacity 10% and needs to be charged



3. Speed switch - Located at the left side of the Dirt Bike



DO NOT leave keys inside the switch while Dirt Bike is running

L – Low speed

M – Medium speed

H -High speed

