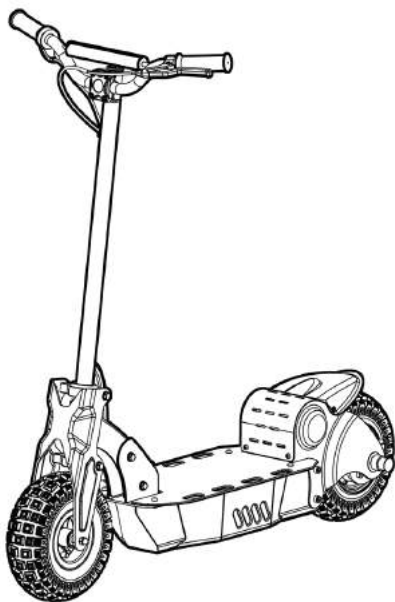




DYNACRAFT®
OWNER'S MANUAL

OFF-ROAD ELECTRIC SCOOTER

THIS MANUAL CONTAINS IMPORTANT SAFETY, PERFORMANCE AND MAINTENANCE INFORMATION. READ THE MANUAL BEFORE TAKING YOUR FIRST RIDE OR ALLOWING YOUR CHILD TO RIDE YOUR NEW OFF-ROAD ELECTRIC SCOOTER. KEEP THE MANUAL HANDY FOR FUTURE REFERENCE.



DO NOT RETURN TO STORE.
QUESTIONS OR COMMENTS?
1-800-288-1560



FOR AGES FOURTEEN AND UP
MAXIMUM WEIGHT: 220 lbs. (100 kgs)

NOTE: Illustrations in this Manual are for reference purposes only and may not reflect the exact appearance of the actual product. Specifications are subject to change without notice.

⚠ WARNING: This off-road electric scooter is not meant to be used on extreme or rough terrain or for stunts, and should only be ridden on relatively smooth, flat surfaces. Please read and follow the indications in this manual.

TABLE OF CONTENTS

| | |
|---|----|
| Introduction, Safety and Warnings | 2 |
| Before You Begin Assembly. | 6 |
| Parts Diagram | 7 |
| Assembly. | 8 |
| Before You Ride | 14 |
| Detailed Maintenance and Repair | 16 |
| Troubleshooting Guide | 22 |
| Warranty | 24 |

THIS VEHICLE MUST BE ASSEMBLED BY AN ADULT. PLEASE READ
THE MANUAL CAREFULLY BEFORE OPERATION.

INTRODUCTION, SAFETY AND WARNINGS

ABOUT THIS MANUAL: This manual was written to help you get the most performance, comfort, enjoyment and safety when riding your new off-road electric scooter. It is important for you to understand your new off-road electric scooter. By reading this manual before you or your child go out on your first ride, you will know how to get the most from your new off-road electric scooter. It is also important that your or your child's first ride on your new off-road electric scooter be in a controlled environment, away from cars, obstacles, and other riders.

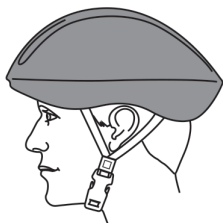
⚠ GENERAL WARNING: Riding an off-road electric scooter can be a dangerous activity, even under the best of circumstances. Proper maintenance of your new off-road electric scooter is your responsibility and helps reduce the risk of injury. Certain conditions may cause components to fail without fault of the manufacturer. The off-road electric scooter can and is 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 a thing does occur, you can become seriously injured or die, even when using safety equipment and other safety precautions.

RIDE AT YOUR OWN RISK AND ALWAYS USE COMMON SENSE.

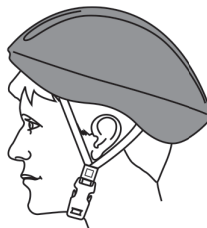
This manual contains many warnings and cautions concerning the consequences of failing to inspect, maintain or properly use your off-road electric scooter. Because any fall can potentially result in serious injury or even death, we do not repeat the warning of possible serious injury or death each and every time the risk of falling is mentioned in this manual.

ALWAYS USE PROPER SAFETY EQUIPMENT AND RIDING ATTIRE

Always use appropriate safety equipment, such as a helmet, elbow pads, knee pads, gloves, and wrist guards. A helmet is not only a good idea but may be legally required in your community. To protect yourself or your child, the helmet must meet CPSC, 16 CFR 1203, requirements and be worn correctly:



CORRECT FITTING –
MAKE SURE YOUR HELMET
COVERS YOUR FOREHEAD.



INCORRECT FITTING –
FOREHEAD IS EXPOSED
AND VULNERABLE TO
SERIOUS INJURY.

Always wear appropriate clothing and shoes, including long sleeved shirts and long pants and lace-up or similar shoes with rubber soles. Never ride barefoot or in sandals and make sure that shoelaces or other fasteners are tied and kept away from the wheels and drive system of the off-road electric scooter.

RIDER USE AND REQUIRED PARENTAL SUPERVISION

RIDERS MUST NOT EXCEED THE WEIGHT LIMIT OF 220LB (100 KG).

The age grade for the off-road electric scooter is for ages 14 and older. Just because some one is within the age and weight limitations specified for the off-road electric scooter, does not mean that his/her size is appropriate to fit or maintain control of the off-road electric scooter or that he/she is capable of safely operating the off-road electric scooter. You are the best judge of whether you or your child can safely operate the off-road electric scooter; this includes determining whether your child is at the appropriate developmental stage for safe use of the off-road electric scooter. Any rider that is unable to fit comfortably on the off-road electric scooter should never attempt to ride it. A parent's decision to allow their child to use the off-road electric scooter should be based on the child's maturity, skill and their ability to follow rules. Keep this off-road electric scooter away from small children and remember that it is intended for use only by persons who are, at a minimum, able to comfortably and safely operate the off-road electric scooter.

Children operating the off-road electric scooter should be supervised by an adult at all times. Parents should ensure that children only use the off-road electric scooter safely and within their age and physical limits.

This manual contains very important safety information. It is your responsibility to completely review this information and make sure that all riders understand all of the warnings, cautions, instructions and safety topics addressed in this manual and to assure that all riders are able to safely and responsibly use the off-road electric scooter. You should periodically review and reinforce all information in this manual with all riders, especially children. You should also regularly inspect and maintain your off-road electric scooter to insure the safety of all riders. Make sure that your new off-road electric scooter is properly fitted to any child riding it; that it is in good repair and safe operating condition; that you and your child have gone over the use, operation and safety information in this manual; that you and your child have learned and understand what to do and what not to do with your new off-road electric scooter, including observing all applicable laws, rules and common sense.

Children should be made aware of all possible riding hazards and correct riding behavior before they ride the off-road electric scooter! Please explain the following to them as often as necessary.

SAFE RIDING PRACTICES AND WARNINGS

- Check and obey all local laws or regulations which may be in effect in the locations where the off-road electric scooter may be used.
- Always wear a helmet and other safety equipment and appropriate clothing and shoes. Always keep the chin strap on the helmet securely buckled. Observe the age and weight limitations on the cover of this manual.
- Children must be supervised by an adult to be safe.

- Always be alert and ride your off-road electric scooter defensively. Watch out for obstacles that could catch one of the off-road electric scooter's wheels or force you to turn suddenly and/or lose control. Be careful to avoid pedestrians, persons using other wheeled products (including roller or in-line skates, skateboards, scooter, bikes, etc.), children or animals who may enter your path. Always respect the rights and property of others.
- Do not activate the speed control/throttle on the hand grip unless you are on the off-road electric scooter and in a safe, flat outdoor environment that is suitable for riding your off-road electric scooter.
- Do not attempt or perform any stunts or tricks on the off-road electric scooter. The off-road electric scooter is not made to withstand abuse from jumping, curb grinding or any other type of misuse or stunting.
- Do not ride on ramps, half pipes, skateboard parks, or empty swimming pools.
- Keep both hands on the handlebars at all times.
- Do not touch the motor or brakes on the off-road electric scooter when in use or directly after use as these parts can become extremely hot.
- Never allow more than one person to ride the off-road electric scooter at one time and never try to tow anything.
- Do not use near steps, water, or swimming pools.
- Do not ride in wet weather.
- Never immerse the off-road electric scooter in water; electrical and drive components could be damaged by water or create other potentially unsafe conditions.
- Keep your fingers and other body parts away from the motor, steering system, wheels and all other moving components.
- Do not ride while using a cell phone or other electronics or while wearing headphones.
- Never hitch onto another vehicle or let yourself be pulled or pull anyone or anything while riding the off-road electric scooter.
- Ride only on smooth, flat, dry surfaces such as pavement or level ground without loose debris, such as sand, leaves, rocks or gravel. Water, mud, ice, bumpy, uneven, slick, or rough surfaces could impair traction and contribute to possible loss of control. Avoid excessive speeds that can occur from downhill rides which could cause loss of control.
- Do not ride on hills and avoid excessive speed.
- Avoid sharp turns, bumps, drainage grates, and other obstacles.
- Do not ride at night or where there is limited visibility.
- Do not ride indoors or on surfaces that could become damaged such as carpet or flooring.
- Do not ride on streets, around cars, or in foot or vehicle traffic.
- Regularly check the off-road electric scooter and its components. If any parts are broken or worn, do not ride the off-road electric scooter until you have fixed or replaced the broken or worn parts.
- Units shall not be operated to perform racing, stunt riding, or other maneuvers, which may cause loss of control, or may cause uncontrolled operator/rider actions or reactions.

- Do not to allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts, wheels, or drivetrain, while the engine is running.
- Before each cycle of operation, the operator shall perform the pre-operation checks specified in this manual or by the manufacturer, including:
 - That all guards and pads originally supplied by the manufacturer are in proper place and in serviceable condition;
 - That the area that the unit is to be operated in is safe and suitable for safe operation;
 - That the braking system is functioning properly;
 - That all safety labels are in place and understood by everyone, including the riders;
 - That any and all axle guards, or other covers or guards supplied by the manufacturer are in place and in serviceable condition; and
 - That tires/wheels are in good condition, inflated properly (if applicable), and have sufficient tread remaining.
- Operators/riders shall adhere to all manufacturer's recommendations and instructions, as well as comply with all laws and ordinances, including:
 - . Units without headlights shall be operated only with adequate daylight conditions of visibility, and
 - . Owners/riders should highlight and make the off-road electric scooter conspicuous, including the use of lighting, reflectors, and for low-riding units, signal flags on flexible poles.
- Persons with the following conditions shall be cautioned not to operate the off-road electric scooter.
 - . Those with heart conditions;
 - . Pregnant women;
 - . Persons with head, back, or neck ailments, or prior surgeries to those areas of the body; and

Persons with any mental or physical conditions that may make them susceptible to injury or impair their physical dexterity or mental capabilities to recognize,
- Understand and perform all of the safety instructions and to be able to assume the hazards inherent in the use of the off-road electric scooter.
- Operators/riders always shall use appropriate protective clothing, including but not limited to a helmet, with appropriate certification, and any other equipment recommended by the manufacturer.
- Avoid sharp bumps, drainage grates, and sudden surface changes.

⚠ CAUTION: Metal and electrical conductors should not be allowed to contact the charging port, as doing so will result in a short circuit.

PRE-RIDE SAFETY CHECKLIST

- Check to make sure that the brake system is functioning properly.
- Check to make sure that all components are properly secured and are functioning according to the manufacturer's specifications.
- Components must be maintained and repaired and only with the manufacturer's authorized replacement parts. Installation should be performed only by qualified

USING THE CHARGER

The charger should be examined regularly for damage to the cord, plug, enclosure and other parts. In the event such damage has occurred, the off-road electric scooter should not be charged until the charger has been repaired by qualified personnel or replaced.

Use only the supplied, recommended charger.

- Always use caution when charging.
- The charger is not a toy and should be operated by an adult.
- Never operate the charger near flammable materials or liquids, and operate the charger in well-ventilated areas.
- Disconnect the charger and unplug it from the off-road electric scooter when not in use.
- Do not exceed the recommended charging time.
- Always disconnect the charger from the off-road electric scooter prior to wiping down or cleaning the off-road electric scooter with any liquid.

FAILURE TO HEED THE WARNINGS LISTED ABOVE INCREASES RISK OF POTENTIALLY SERIOUS INJURY. USE THE APPROPRIATE CAUTION WHEN RIDING AND ALWAYS WEAR PROTECTIVE GEAR.

BEFORE YOU BEGIN ASSEMBLY

Remove all packing and items from the display box.

ESTIMATED ASSEMBLY TIME

You should allow approximately 20 minutes for assembly, not including initial charging time. Initial charging can take approximately 18 hours (see page 12 for charging information).

Remove contents from box. Remove all the separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or kinked cables that may have occurred during shipping.

MAKE SURE POWER SWITCH IS TURNED "OFF" BEFORE CONDUCTING ANY MAINTENANCE PROCEDURES.

Assembly by adult with mechanical experience is strongly recommended.

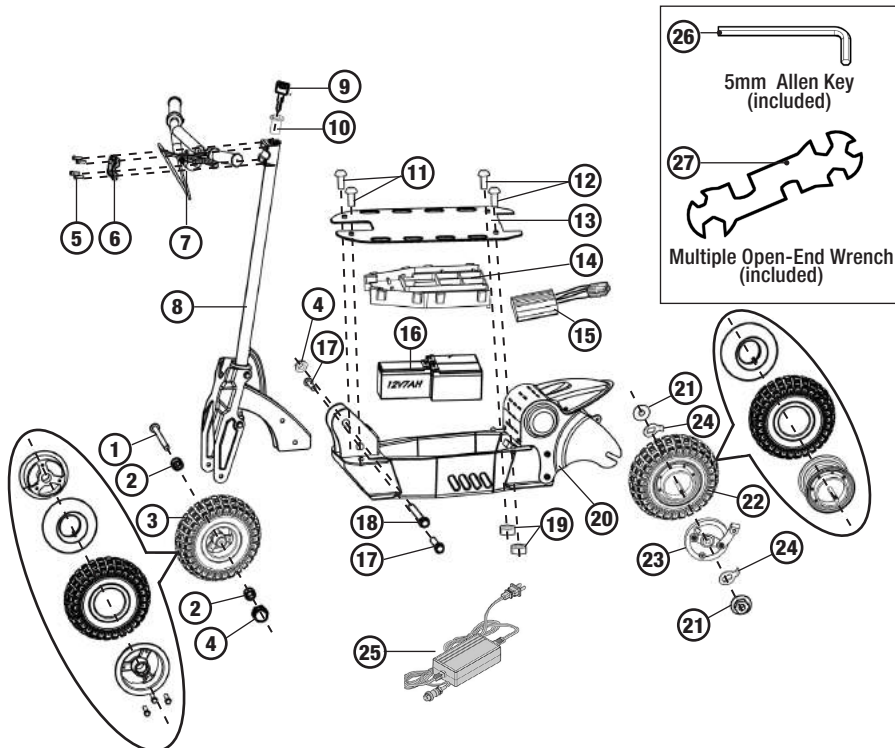
WARNING: DO NOT USE NON-ORIGINAL OR NON-RECOMMENDED PRODUCTS WITH YOUR OFF-ROAD ELECTRIC SCOOTER.

Altering of the original components or the use of non-recommended replacement parts may or may not be compatible with the design and will void the warranty and may cause an unsafe condition resulting in serious injury or death.

WARNING:

Be careful not to touch the motor after use as the motor may become hot with use and touching it after use could result in risk of burns or other injury.

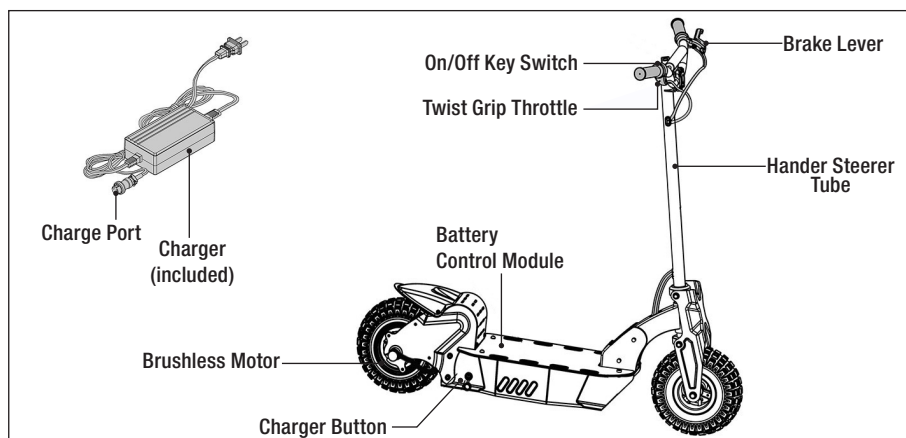
PARTS DIAGRAM



NOTE: Some parts shown are assembled on both sides of vehicle.

- | | |
|-----------------------------|----------------------------------|
| 1. M10 x 120 Bolt x 1 | 15. Control Module x 1 |
| 2. Steel Spacers x 2 | 16. Battery (12V/7AH) x 3 |
| 3. Front Wheel Assembly x 1 | 17. M10 x 20 Bolt x 2 |
| 4. M10 Locknut x 2 | 18. M10 x 60 Bolt x 1 |
| 5. M6 x 25 Bolt x 4 | 19. M6 Locknut x 2 |
| 6. Handlebar Clamp x 1 | 20. Scooter Body x 1 |
| 7. Handlebar Assembly x 1 | 21. M12 Locknut x 2 |
| 8. Front Fork Assembly x 1 | 22. Rear Wheel Assembly x 1 |
| 9. Key x 1 | 23. Brake x 1 |
| 10. Key Switch x 1 | 24. Washer x 2 |
| 11. M6 x 10 Bolts x 2 | 25. Charger x 1 |
| 12. M6 x 12 Bolts x 2 | 26. 5mm Allen Key x 1 |
| 13. Deck Plate x 1 | 27. Multiple Open-End Wrench x 2 |
| 14. Battery Holder x 1 | |

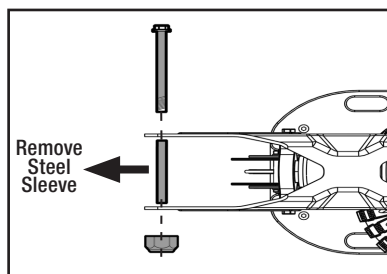
ASSEMBLY



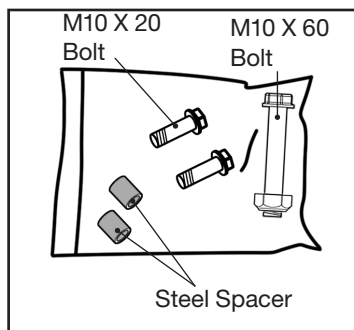
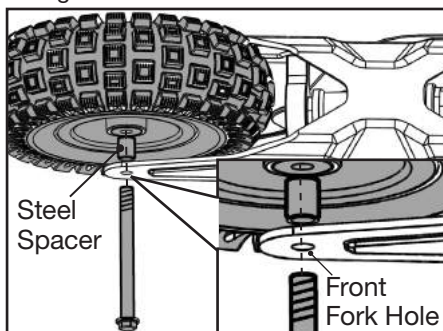
FRONT WHEEL ASSEMBLY:

Tools Required: 13mm wrench & 17mm wrench (included)

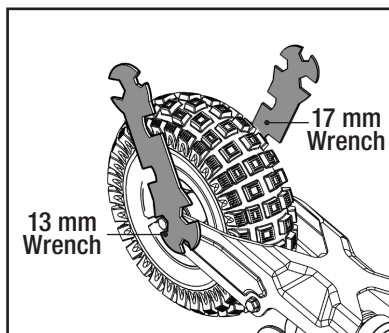
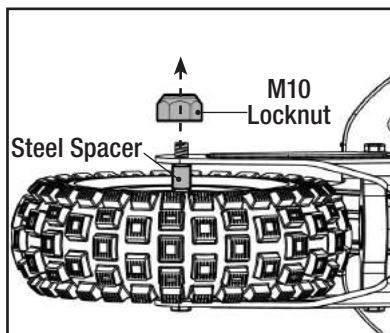
1. Gently remove the unassembled vehicle from the carton.
2. Unscrew the front wheel axle from the front fork.
3. Remove the steel sleeve outside the front wheel axle. (The steel sleeve is only for shipping purpose to protect the front fork from damage.)



4. Find two steel spacers from the poly bag in the carton, slide the front wheel axle into front fork hole as shown, then slide a steel spacer onto the axle before inserting the axle into the front wheel.



5. Once the front axle is sticking out of the other side of the front wheel, slide another steel spacer on to the axle and thread the axle through the hole in the front fork on the other side. Secure the front axle using a M10 locknut and tighten it with 13 mm and 17 mm wrenches as shown below.

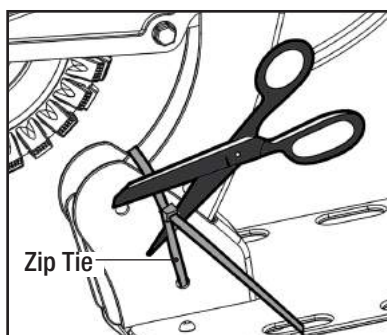


⚠ WARNING: Make sure that the front axle is securely tightened. Failure to do so could cause a loss of control and fall, resulting in serious injury or death.

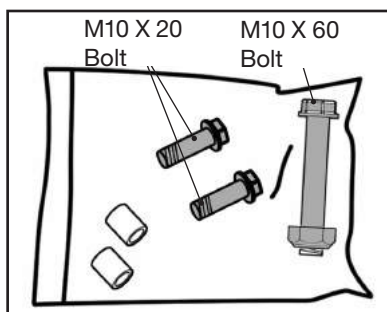
SCOOTER BODY AND FRONT FORK ASSEMBLY:

Tools Required: 13mm wrench & 17mm wrench (included)

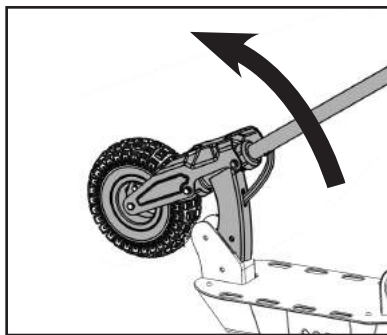
1. Carefully cut the zip tie as shown (pay attention to any wires near the zip tie and avoid cutting them).



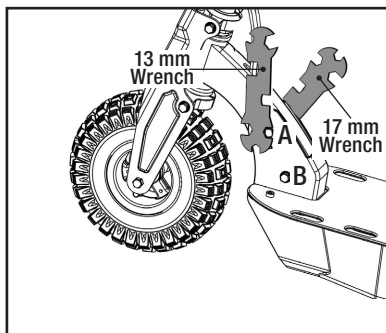
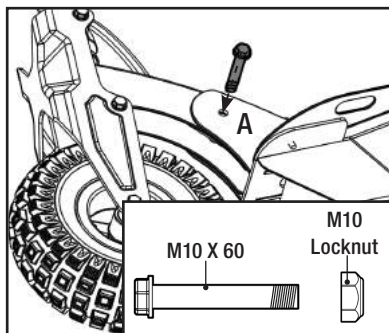
2. Find one longer bolt and two shorter bolts inside the poly bag as shown.



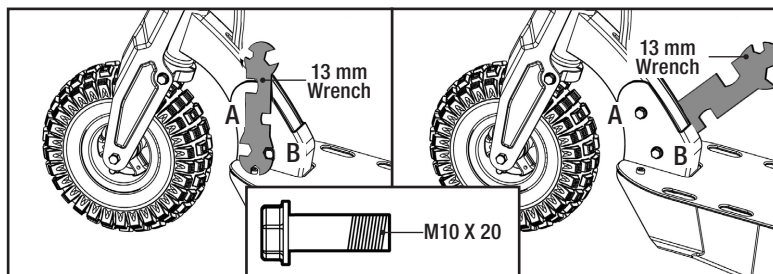
3. Carefully open the front fork assembly with the scooter body (make sure you do not separate them or kink or break any wires in the process).



4. Place the off-road scooter on its side, as shown, and align the holes A and B. Insert the longer bolt (M10x60) into hole A. While using a 13 mm wrench to hold the M10 bolt, use another 17 mm wrench to tighten the M10 locknut on the other side as shown below.



5. Insert two shorter bolts (M10x20) into the left and right sides at the B holes, and tighten them with a 13 mm wrench.



⚠ WARNING: Make sure to tighten longer bolt and shorter bolts securely. Failure to do so could cause a loss of control and fall, resulting in serious injury or death.

HANDLEBAR ASSEMBLY:

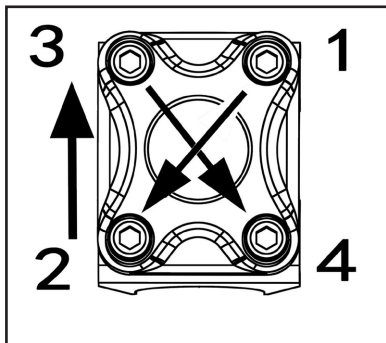
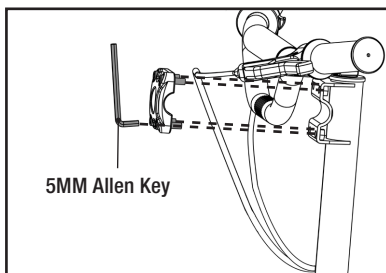
Tools Required: 5mm Allen Key (included)

1. Attach the handlebar onto the handlebar steerer tube as shown, and tighten the handlebar in the handlebar clamp (tighten the four bolts with the included 5mm Allen Key).

NOTE: Make sure that cable wires are smooth and out of the way before attaching the handlebar.

NOTE: The thread area on the handlebar must be covered by the handlebar clamp.

NOTE: Pay attention when positioning the handlebar, that it won't interfere with the key on the key switch.

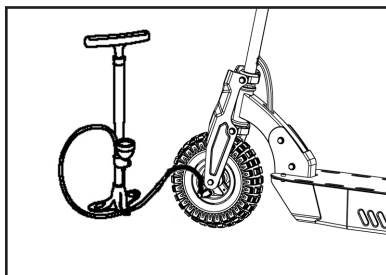


NOTE: Do not completely tighten each bolt, one at time. Rather, alternate tightening each bolt following the sequence shown in the diagram until they are all completely tightened, to assure that they are evenly tightened (see the diagram illustrated above).

⚠ WARNING: Make sure that the handlebar is sufficiently tight in the clamp such that it does not move forward or backward in the clamp when pushed and pulled.

INFLATING FRONT AND REAR TIRE:

Tires are inflated before shipping, but they invariably lose some pressure between the point of manufacturing and your purchase. Using a bicycle style tire pump for a Schrader valve, inflate the tires to the PSI indicated on the sidewall of the tires.



⚠ CAUTION: Use of pressurized air supplies such as those found at service stations is not recommended and if not used properly, may cause a tire to blow out. If you do use a service station pump, make sure the pressure gauge is working and then use very short bursts of air to inflate the tire to the correct PSI, taking care to avoid sudden over inflation. If you exceed the recommended PSI, release the excess pressure immediately.

CHARGING THE BATTERY:

Your off-road electric scooter may not have a fully charged battery. Therefore it is a good idea to charge the battery prior to use.

Initial charge time: 18 hours, and never charge the battery longer than 30 hours.

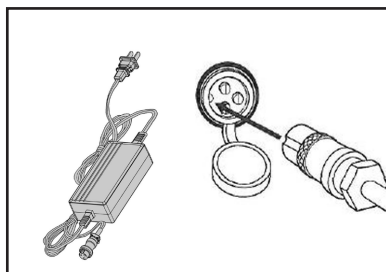
Recharge time: up to 12 hours, and never charge the battery longer than 30 hours. When the off-road electric scooter is not in regular use, recharge the battery at least once a month until normal use is resumed.

Run time: Up to 45 minutes of continuous ride time.

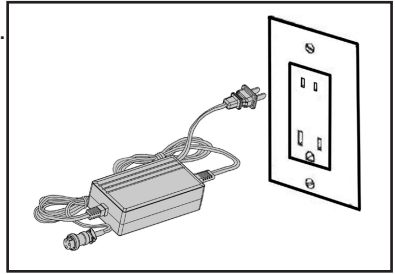
Average battery life: 250 charge/discharge cycles.

1. Turn power OFF before charging. Plug the charger into the charger port on the off road electric scooter.

NOTE: Be sure to properly align the groove on the charger input plug with the corresponding socket on the case; otherwise, no charging action will occur.



2. Plug the charger into a wall power outlet. The light on the charger housing should illuminate. A red LED light indicates the battery is charging and a green LED indicates the battery is fully charged. (If the lights on the charger do not light up, check the power to the outlets. If necessary, try a different electrical outlet).



⚠ WARNING: Rechargeable batteries are only to be charged under adult supervision. Always disconnect your off-road electric scooter from the charger before cleaning with liquid.

NOTE:

- Turn off key power switch when not in use.
- Batteries may become damaged and could no longer accept a charge, if switch is left in the ON position when not in use.
- Fully charge the battery before storage

NOTE: Failure to recharge the battery at least once a month may result in a battery that will no longer accept a charge.

NOTE: If your charger does not look like the one illustrated, your unit has been supplied with an alternative charger. The specifications and charging procedure would not change. The charger has a small window with one LED or two LEDs to indicate the charge status. Refer to the illustration on the charger unit for the actual 'charging' and 'charged' status indications for your model charger. Chargers have built-in overcharge protection to prevent the battery from being over-charged. Charger will get warm during use. This is normal for some chargers 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.

⚠ WARNING: Charging produces explosive gases. Charge battery in a well ventilated area, away from sparks, flames, smoking and combustibles.

BEFORE YOU RIDE


Before you ride always check the following:

Safety Gear: Always wear proper protective gear such as:

- Approved safety helmet. (Helmet may be legally required by local law or regulation in your area.)
- Elbow pads, knees pads and wrist guards
- Long sleeved shirt, long pants
- Gloves
- Lace up shoes with rubber soles

Brakes: Check the brake for proper function. When lever is squeezed it should slow/stop the rear wheel without excessive effort. When you apply the brake with the throttle on, the brake cut off switch should stop the motor. Make sure that the brake is not rubbing when the lever is not being squeezed. Do not ride the off-road electric scooter if the brake is not functioning properly.


Throttle: Once the power switch is placed in the “ON” position, twist the throttle to engage the motor; the off-road electric scooter will move. Make sure that before the throttle is twisted you are in an open and safe area to ride, you are balanced on the off-road electric scooter and have both hands on the handlebar controls.


 **WARNING:** Your off-road electric scooter comes with a variable speed throttle. Always remember to twist it slowly or gradually; DO NOT quickly twist the throttle to its end until you feel comfortable on the off-road electric scooter and with your speed. If you twist the throttle quickly at first, you will accelerate rapidly and may get thrown from the off-road electric scooter and risk serious injury or death. (Doing it will also decrease your battery life).

Tires: Inspect the wheels/tires for excess wear and replace if necessary. Regularly check the tires pressure and re-inflate as necessary.

Frame, Fork and Components: Always carefully inspect your off-road electric scooter before you ride. Check for cracks, broken, worn or loose components which should be repaired or replaced before your ride.

Battery: Always make sure the power switch is in the “off” position whenever the vehicle is not in use. Never store the product in outdoor conditions, never store it in the rain, and never store the product in freezing or below freezing temperatures. These low temperatures will permanently damage the battery.

 **WARNING:** Always ensure that you are in a safe flat open area to ride before you engage the throttle. Never twist the throttle without being on the off-road electric scooter in a balanced, ready to ride position with both hands on the handlebar controls. Failure to follow these instructions may damage your off-road electric scooter and void your warranty.

 **WARNING:** An off-road electric scooter that does not work properly can cause you to lose control and fall. Inspect the entire off-road electric scooter thoroughly before every ride, and do not ride the off-road electric scooter until any problem has been corrected.

⚠ WARNING: Do not ride over hills, slopes, or inclines.

⚠ WARNING: Do not ride on rainy days, over ice, or on wet and slippery ground.

⚠ WARNING: Please inflate tires to tire pressure suggested.

⚠ WARNING: Do not ride over soft, debris, sand, grass, or any tough surfaces, they will burn your scooter controller.

NOTE: Turn the power “Off” when not in use! Otherwise it will drain and damage your battery!

DETAILED MAINTENANCE & REPAIR

⚠ WARNING: Turn the power switch “OFF” before conducting any maintenance procedures.

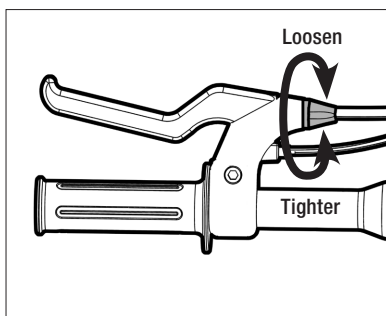
Testing the Brakes

To use the brake, squeeze the lever to increase the pressure on the brake. The brake lever is fitted with a cable adjuster to compensate for cable stretch and/or to fine-tune the lever movement to brake engagement. If brake is not engaging properly, follow instructions for adjusting the brakes.

Adjusting the Brakes *Tools required; 10mm wrench (not included)*

1. To adjust the brake cable tension, turn the adjusting barrel on the brake lever clockwise (to loosen) or counter-clockwise (to tighten). Only turn the adjusting barrel in small increments until the desired adjustment is reached. If the brake continues to need adjustment, proceed to the next step.

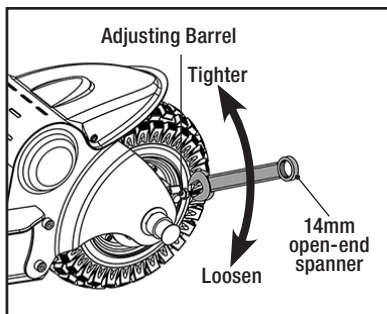
⚠ WARNING: Keep brakes properly adjusted and in good working condition at all times. Check to make sure that the brakes are functioning properly after any adjustment and before riding.



2. If the brake cable is still either too tight or too loose, use a 14mm open end wrench to adjust the brake.

- Please set the power switch to “OFF” position.
- Use something to hang the rear wheel for brake adjusting.
- Use your hand to spin the rear wheel, if it can spin freely and loosely that means you can tighten it to adjust. Turn the adjusting barrel clockwise, and every one cycle you turn the barrel, just spin the wheel and feel with your hand if the rear wheel will rub the brake mechanism, if it does not rub, please turn the barrel another cycle, until you feel them rub. Then please turn the barrel one cycle back (counter-clockwise), your vehicle has been adjusted well now.
- If when you spin the rear wheel it does not spin smooth, you can turn the adjusting barrel counter-clockwise, and every one cycle you turn the barrel, just spin the wheel and feel with your hand if the rear wheel will rub the brake any more, until you finish the brake adjusting.

- Test to see if your brake functions well: when you spinning the rear wheel, squeeze the brake lever with another hand 5-10mm, so see if the rear wheel can still spin by hand, if it does not spin, that means your brake is working well.

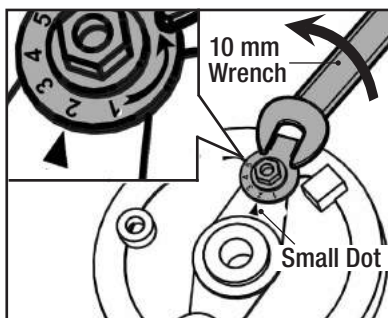
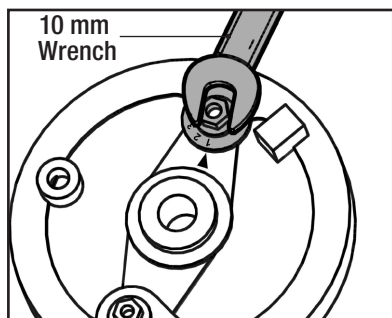


You can test your vehicle at an open empty flat place, to see if it braking well.

⚠ WARNING: For your safety, please periodically check to assure your brakes function well and make any necessary adjustment or repairs before riding the scooter.

Note: After a certain time of riding, if thickness of your brake shoe is wear and thinner, only adjusting the brake cable would not help you to solve the issue, you can follow below steps for further adjustments. (Our advanced rear brake have total 4 levels to allow you adjusting after long time usage, it is at level 1 stage when you started to use your new off-road electric scooter.)

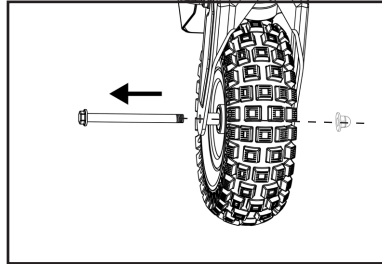
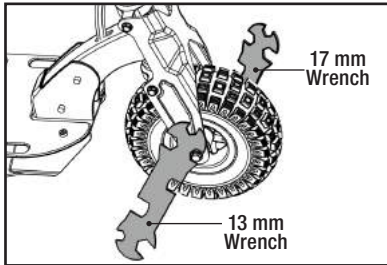
- Remove the rear wheel off for further adjusting (see page 19-20 on how to remove rear wheel off), use 10mm wrench to loosen the bolt as shown;
- Use this 10 mm wrench to move the bracket clockwise so that the small dot facing 2, then re-mount the rear brake with the rear wheel for better riding.



Hints: If the rear brake shoe no longer allows further adjustment (usually after approximately four adjustments), you will need to replace the rear brake.

Front Wheel Replacement

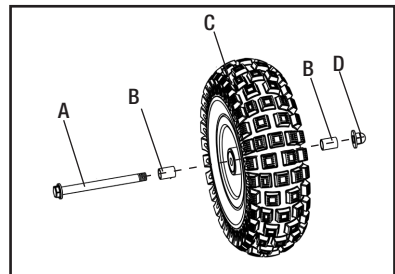
- Using a 13mm wrench and a 17mm wrench, loosen the front wheel axle and locknut at the same time as shown below.



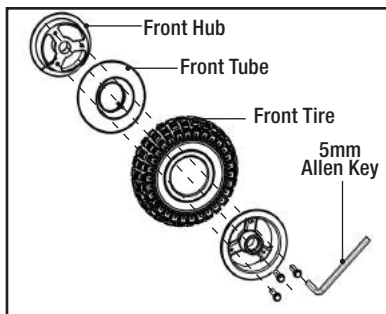
- Draw the front wheel axle out to replace the front wheel.

NOTE: Front wheel hardware sequence:

- A: M10 x 120 Bolt
- B: Steel Spacers
- C: Front Wheel
- D: M10 Locknut

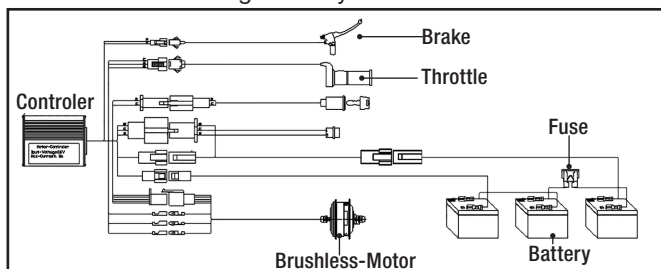


- To replace the front tube, first remove the valve cover on front tire, use a screwdriver or any kind of metal stick to deflate the tire, then use the 5mm Allen key to unscrew the M6 bolts as shown. Gently separate and remove the front tire, inner tube and front hub as shown. Then replace the inner tube and repeat the steps in reverse to reassemble the front wheel and install it on the front fork.



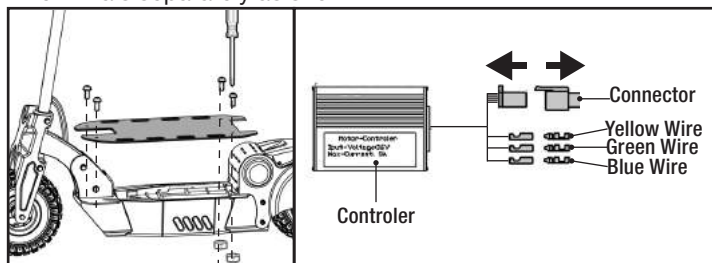
Wire Connection

Below is a Circuit Diagram for your reference.

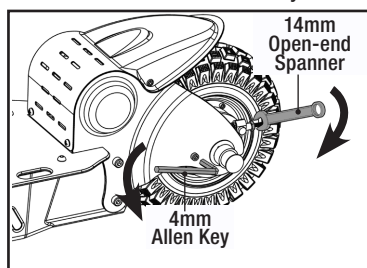


Hub Motor, Brake Parts and Rear Tire Replacement

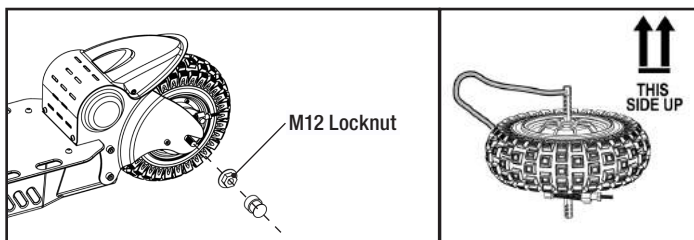
- Use a Phillips screwdriver to open the deck plate, and disconnect the wire terminals separately as shown.



- Use 14mm open end spanner to loosen and remove the brake adjusting barrel, and use a 4mm Allen Key to remove the brake fixing bolt as shown.



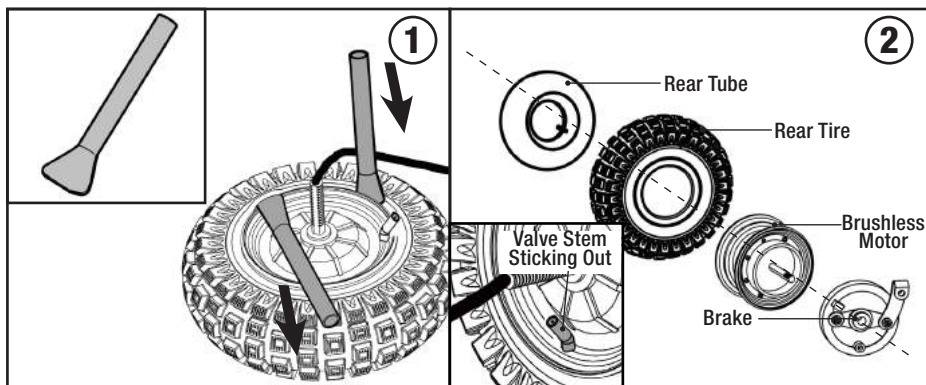
- Remove rubber covers at two sides of the rear wheel, and use 18mm open end wrench to loosen the M12 locknuts as shown. Push down the rear wheel to get it out off the rear fork.



NOTE: Make sure you place the wheel down with the end of the axle connected to the motor wire is facing up, to avoid breaking the wire and damage to the motor.

If you want to replace the rear inner tube, rear tire or hub motor, please see instructions here to proceed..

- Remove the rear brake first.
- Then remove the valve cover on rear tire, use a screwdriver (or any kind of metal stick to deflate the rear tire), then you can use two flat-end tool to carefully pry the rear tire, until you can prize up the rear tire (see diagram 1).



NOTE: If you are going to replace the inner tube only, only prying one side of the tire is okay for replacing (pry the valve stem side).

NOTE: When inserting / replacing the inner tube, be sure the valve stem sticking out of the same side where the motor wire coming from.

- Follow the sequence as shown to smoothly and evenly slide the inner tube inside tire (and make sure the tire valve sticking out of the motor wire side(see diagram 2).
- Use flat end tool to gently press in the tire into the motor wire side first.
- Then press in another tire side gently.
- Remount the rear brake to finish the rear wheel mounting.
- Inflate the rear tire.

⚠ WARNING: Make sure that wheels are securely fastened to avoid a possible loss of control and fall.

BATTERY CARE AND DISPOSAL

Do not store the battery in temperatures above 75°F (23.5°C) or below 32°F (0°C).



THIS OFF-ROAD ELECTRIC SCOOTER CONTAINS SEALED LEAD ACID BATTERIES WHICH MUST BE RECYCLED IN ACCORDANCE TO YOUR LOCAL AND STATE LAWS. PLEASE CAREFULLY READ AND UNDERSTAND THE FOLLOWING DISPOSAL INSTRUCTIONS:

DISPOSAL: This product contains sealed lead acid batteries which must be disposed or recycled in an environmentally safe manner. Do not dispose of the batteries in your household trash. Do not dispose of the batteries in a fire, as the battery may explode or leak. The incineration, disposal in landfill and/or placing sealed lead acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a state or federal approved lead acid battery recycler or check with your local retailer of vehicle batteries. If you live in Florida or Minnesota, it is prohibited by law to throw away lead-acid batteries in the municipal waste stream.

⚠ WARNING: If a battery leak develops, avoid contact with the leaking acid and put the battery in a plastic bag. Refer to the disposal instructions above. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

Charger

The charger supplied with the off-road electric scooter should be regularly examined for damage to the cord, plug, enclosure and other parts. And in the event of such damage, the off-road electric scooter must not be charged until the charger has been repaired or replaced. Only use the supplied battery charger or recommended replacement charger.

⚠ WARNING: Always disconnect your off-road electric scooter from the charger before cleaning with any liquid.

Replacement Parts

Most of the common replacement parts are available for purchase online at www.dynacraftwheels.com.

Customer Service and Repair Help

- Check online at www.dynacraftwheels.com.
- Call to speak with a customer service representative 1-800-288-1560 7 AM to 4 PM Pacific Time.

⚠ WARNING: DO NOT USE NON-ORIGINAL OR NON-RECOMMENDED PRODUCTS WITH YOUR OFF-ROAD ELECTRIC SCOOTER. Altering of the original components or the use of non-recommended replacement parts may or may not be compatible with the design and will void the warranty and may cause an unsafe condition resulting in serious injury or death.

TROUBLESHOOTING GUIDE

| Problem | Possible Cause | Solution |
|---|--|---|
| Off-road electric scooter does not run | Undercharged battery | Charge the battery. A new battery should have been charged for at least 18 hours before using the vehicle for the first time. After first-time use, recharge the battery for at least 12 hours after each use. Never charge the battery longer than 30 hours. |
| | Failing to Power Off the vehicle for a long time, the batteries run out of power completely. | Charge the battery. When charging, if the lights on the charger flash or do not light up, that means the charger is attempting to repair the batteries, please wait for about 4 hours to see if can charge normally. Repeat for a couple of times and if still unable to charge the batteries, the batteries is dead and please contact Dynacraft for replacement of new batteries. Check all connections. Make sure the charger port is plugged into the charging port on the off-road electric scooter and that the charger is plugged into the wall outlet. |
| | Loose wires or connectors | Check all wires and connectors to make sure they are tight. |
| | Trottle damage | Contact Dynacraft for replace after long time usage. |
| | Power switch damage | Contact Dynacraft for replace after long time usage. |
| | Controller damage: | Contact Dynacraft for replace after long time usage. |
| Off-road electric scooter suddenly stops working while in use | Loosen electrical connectors | Check all wires and connectors to make sure they are properly and tightly connected. |
| | Motor or electrical switch | Contact Dynacraft for repair or replacement. |
| Short run time (less than 15 minutes per charge) | Undercharged battery | Charge the battery. A new battery should have been charged for at least 18 hours before using the vehicle for the first time and up to 12 hours after each subsequent use. |
| | | Check all wires and connectors. Make sure the battery connector is tightly plugged into the charger connector and that the charger is plugged into the wall outlet. |
| | Tires are not properly inflated | The tires are inflated when shipped but invariably will lose some pressure between the point of manufacturing and your purchase. Refer to the instructions on page 12 for inflating tires. |
| | Brake is not adjusted properly | Adjust the brakes pursuant to the instructions on page 16. |
| | Batteries not being maintained | Charge batteries every month when not in use. |

| Problem | Possible Cause | Solution |
|--|------------------------------------|---|
| Off-road electric runs sluggishly | Riding conditions are too severe | Use only on solid, flat, clean and dry surfaces such as pavement or level ground. |
| | Tires are not properly inflated | The tires are inflated when shipped but they invariably will lose some pressure between the point of manufacturing and your purchase. Refer to instructions on page 12 |
| | Product is overloaded | Make sure you do not overload the product by allowing more than one rider at one time exceeding the 220 lb. maximum weight limit, going up a hill or towing objects behind the product. |
| | Brake is not adjusted properly | Adjust the brake pursuant to the instructions on page 16 |
| Brake function not good | Brake is not adjusted properly | Adjust the brakes pursuant to the instructions on page 16 |
| | worn brake accessories or cables | Contact Dynacraft for replacement. |
| Sometimes the off-road electric scooter doesn't run, but other times it does | Loose wires or connectors | Check all wires around the motors and all connector to make sure they are tight. |
| | Motor or electrical switch damaged | Replace with a new motor or electrical switch. Visit the Dynacraft website: www.dynacraftwheels.com |
| Charger unable to plug into the off-road electric scooter charging port | | Check to see if there is any dust or debris. If there is, gently draw the debris out with small stick. (Do not use needles or any other metal objects to remove the debris, as this could lead to a short circuit.) |
| Noisy sounds when riding | Moving parts need lubricated | Lubricate according to owner's manual. |
| | Moving parts wear or tear | Replace with new parts. |
| Front fork not turning freely | Need lubricated | Lubricate according to owner's manual. |
| | | |
| | | |

WARRANTY

LIMITED WARRANTY

Subject to the following limitations, all off-road electric scooters manufactured for Dynacraft are warranted to the original purchaser to be free of defects in materials and workmanship for a period of 90 days from the date of purchase.

No other express or implied warranty is given. Dynacraft will replace without charge those component parts that are determined by Dynacraft to be defective in materials or manufacture under normal use and service during the warranty period. The original purchaser will be responsible for any and all labor charges connected with the repair or replacement of component parts.

This Limited Warranty does not apply to normal wear and tear, such as to wheels/tires, cables, or other components that wear with use, nor to claimed defects, malfunctions, or failures that result from abuse, neglect, improper assembly, improper maintenance, lack of maintenance, improper storage alteration, modification, collision, crash, or misuse of the Dynacraft off-road electric scooter.

Dynacraft does not encourage stunting, trick riding, ramp riding, jumping, aggressive riding, riding on severe terrain, riding in severe climates, riding with heavy loads, commercial activities, or other similar activities; such use is inherently dangerous, can cause serious injury to the rider, and if done, it is with the rider and/or the rider's parent's express and implied assumption of the risk of such use, and Dynacraft shall not have any responsibility for any resulting break down of the off-road electric scooter or its components, or for any rider injuries that occur during such use.

Riding an off-road electric scooter can be inherently dangerous such that bodily injury or even death can occur, especially if the rider and/or the rider's parent does not perform the safety and maintenance checks recommended in this manual, if the rider does not wear a helmet, if the rider does not follow all applicable laws and rules, if the rider goes into traffic, rides double, or engages in aggressive, stunt or extreme terrain riding. Parents that allow their children to ride taking such actions will assume their own risk and the risk of injury to their children, and Dynacraft will not be responsible.

THE PURCHASE OF THIS Off-road electric scooter WILL CONFIRM THE BUYER'S AGREEMENT THAT DYNACRAFT'S LIABILITY UNDER THIS WARRANTY SHALL BE NO GREATER THAN THE AMOUNT OF THE ORIGINAL PURCHASE PRICE AND IN NO EVENT SHALL DYNACRAFT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This Limited Warranty will be void if the product is ever used in a manner other than for recreation or transportation, modified in any way, or used as a rental.

Dynacraft does not offer an extended warranty; if you have purchased an extended warranty, it must be honored by the store from which you purchased the off-road electric scooter or the appropriate party. For your records, keep your original sales receipt with this manual.

**SB 1918/CAL. VEH. CODE, §§ 406, 407.5
(CALIFORNIA) DISCLOSURE**

**YOUR INSURANCE POLICIES MAY NOT
PROVIDE COVERAGE FOR ACCIDENTS
INVOLVING THE USE OF THIS OFF-ROAD ELECTRIC
SCOOTER. TO DETERMINE IF ANY COVERAGE IS
PROVIDED, YOU SHOULD CONTACT YOUR
INSURANCE COMPANY OR INSURANCE
AGENT**

Dynacraft Customer Service

1-800-288-1560

7AM to 4PM Pacific Standard Time



**DO NOT return this item to the store.
Please call Dynacraft for assistance.**

Please have the following information available when you call:

| | |
|------------------|-------------------------|
| Model Number: | (sample: 8802-33) |
| Production Date: | (sample: 03.03.2015) |
| Serial Number: | (sample: DA0233HD00001) |

**Having this information will be required and helps us handle
your call more effectively.**



DYNACRAFT®

Dynacraft BSC, Inc.

89 S. Kelly Rd., American Canyon, CA 94503

Call Toll Free 1-800-288-1560

Monday – Friday 7AM to 4PM PST

www.dynacraftwheels.com

©2016 All rights reserved

2017 Printed in China

BM129