

PROPEL^{EV}

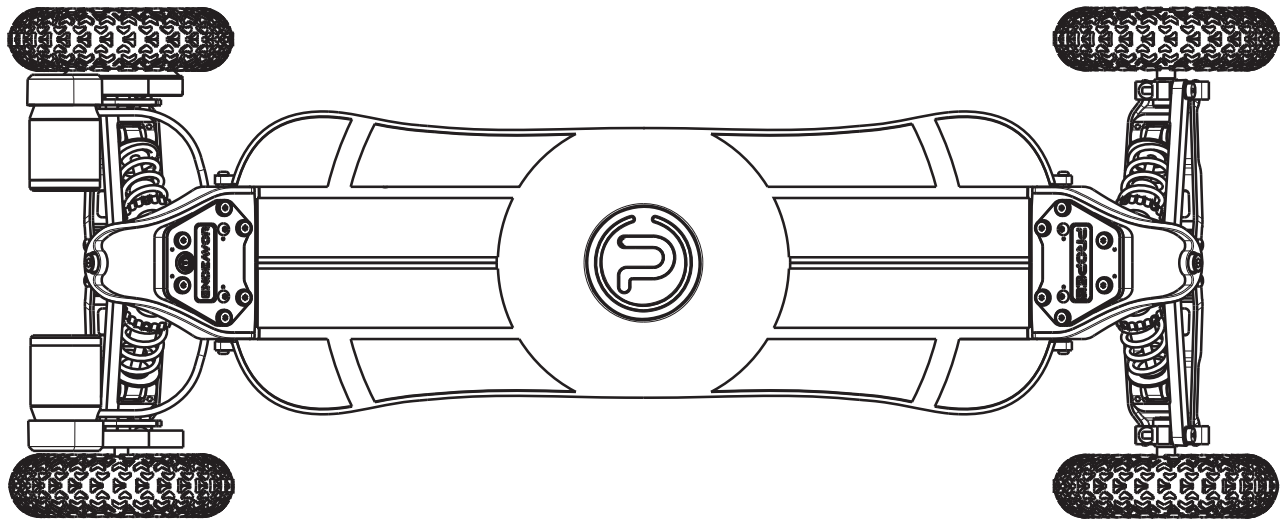
WWW.RIDEPROPEL.COM



OPERATION MANUAL

FOR

ENDEAVOR SERIES



VEHICLE IDENTIFICATION NO.

The Vehicle Identification NO. is very important product information.
Please record this number for future reference. This number helps us to
provide you with accurate and efficient service.

CONGRATULATIONS

**YOUR ALL-TERRAIN EXPLORATION JOURNEY WITH
PROPEL EV ENDEAVOR BEGINS NOW!**

**THANK YOU FOR CHOOSING US.
WELCOME TO THE PROPEL EV FAMILY!**

Please read this User Manual carefully before riding, so you will be thoroughly familiar with the proper operation of your Propel EV Skateboard, its features, capabilities and limitations. To ensure a long, trouble-free life for your Propel EV Skateboard, provide it with the proper care and maintenance as described in this manual.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining your Propel EV Skateboard. You must use your own good judgment.

For replacement parts and accessories, you should always use Propel EV Skateboards approved parts, as they have been specially designed for your board and are manufactured to meet your skateboards demanding standards.

Retain this manual in a safe place for future reference. Be sure to include it if you should sell the skateboard.

**IF YOU NEED ANY ASSISTANCE, PLEASE DO NOT
HESITATE TO REACH OUT TO US.**

WWW.RIDEPROPEL.COM

A/S Center: SERVICES@RIDEPROPEL.COM / MKT@RIDEPROPEL.COM

QUICK NAVIGATION

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ALL PICTURES ARE FOR ILLUSTRATION AND ILLUSTRATION ONLY.
DIFFERENT SERIES OF ENDEAVOR PRODUCTS MAY DIFFER IN APPEARANCE AND
MATERIAL. PLEASE REFER TO THE ACTUAL PRODUCT.



WARNING INFORMATION

READ AND UNDERSTAND OPERATION MANUAL BEFORE RIDING

Read the entire Operation Manual before riding on your Propel EV Skateboard and keep it for reference. This Operation Manual contains important safety, performance and service information.

Like any sport, skateboarding involves the potential risk of death, serious injury and property damage. By choosing to ride, you assume the responsibility for that risk, so you need to know - and to practice - the rules of safe and responsible skateboarding. Proper use and maintenance of your skateboard reduces the risk of injury. If you have any questions or any information unclear, contact our A/S service center directly or get help from your regional Propel EV distributor.

This manual is not intended as a comprehensive use, service, repair or maintenance manual. Please see your regional distributor for all service, repairs or maintenance. Your regional distributor may also be able to refer you to resources on service, repair or maintenance.

RIDER'S RESPONSIBILITY REGARDING REGULATIONS

It is the rider's responsibility to obey the regulations that apply to your Propel EV Skateboard.

The regulations covering the use of your Propel EV Skateboard vary by state/province, and even municipality in certain locations. You must comply with the local regulations related to the minimum age of the rider, insurance, license plate, traffic and maximum speed regulations and any other regulations.

These regulations may change at any time.

PLEASE KEEP IN MIND: It is your responsibility to protect yourself, drive safely and comply with local traffic laws. Once you use this product, you are deemed to have understood, recognized and accepted all the terms and contents of this manual, and promised to be responsible for your actions and all the consequences. Except for the quality of the product itself, Propel EV does not assume all losses and legal liabilities caused by the user when using the product.

INTENDED USE

Throughout the design and manufacture of this product, safety and stability have been our primary focus but skateboarding inherently can be a dangerous activity. We cannot judge the environment where you use this product, your skills, your physical condition, and other factors that may cause an accident, so we cannot promise the safety of your use of this product.

The intended use of your Propel EV Skateboard is to be ridden by one adult rider (Age 14 and up and up to 150kg , 265 lbs) at a time for personal transportation and recreational use. Any other use is prohibited, and may result in **SERIOUS INJURY** or **DEATH**.

Your Propel EV Skateboard is **NOT INTENDED** for stunts or jumping of any kind.



WARNING SAFETY MESSAGES

TO PREVENT SERIOUS INJURY OR DEATH

READ AND UNDERSTAND OPERATION MANUAL BEFORE RIDING

- Read all safety warnings and all instructions.
- Always ride within your limits and the limits of your skateboard.

ALWAYS ride at speeds at which you are comfortable without power or brakes. Your board can lose power or brakes during your ride if the available charge in the batteries in your board or in your remote is too low.

- Only for use by persons 14 years of age and above. Riders must have the physical coordination, reaction, and mental capabilities to control a skateboard and manage traffic, road conditions, and sudden situations, as well as to respect the laws and instructions governing electric skateboard use. Persons with any mental or physical conditions that may make them susceptible to injury, impair their physical dexterity or mental capabilities to recognise, understand, and follow safety instructions and to be able to understand the hazards inherent in its use, should not use or be permitted to use products inappropriate for their abilities.
- Never ride under the influence of drugs and/or alcohol.
- Consult a doctor before using the device if you have any medical condition or issue that affects your ability to safely perform physical activities, or if you:
 - are or may be pregnant;
 - have heart, respiratory, back, joint, or other orthopedic conditions;
 - have high blood pressure;
 - have difficulty with physical exercise;
 - have been instructed to restrict physical activity.
- Always keep small parts away from children. Some skateboard accessories may present a choking hazard to small children.
- Never modify your frame or skateboard in any way. Do not sand, drill, file or remove parts from your Skateboard. Do not install incompatible components or hardware.
- **PINCH POINT Hazard.** Keep fingers, hair, clothing (including shoelaces) jewelry, and other objects away from belts, wheels, and motors.
- Take responsibility for your own **SAFETY**. If you have any questions or do not understand something, contact Propel EV at **RIDEPROPEL.COM**

ALWAY WEAR SUITABLE PROTECTIVE GEAR

Before riding the skateboard, please wear protective gear: **HELMET, PROTECTIVE PADS**(Knee pads, Elbow pads) and **GLOVES**. Make sure you are wearing the protective gears in suitable size and strength level.

Always wear a helmet. Wearing a helmet properly may reduce the risk of a severe head injury. When riding, always wear a helmet that meets or exceeds the standards of the Consumer Product Safety Commission (CPSC).

- Ensure your helmet fits your head and is properly secured.
- Always read your helmet manual to make sure your helmet is properly adjusted for your head according to the fitting instructions provided by your helmet manufacturer.

- A properly fitting helmet should be comfortable and not rock forward/backward or side to side.
- The helmet should sit level to protect your forehead and should not have more than a 2 finger gap from your eyebrows. **NEVER** wear your helmet tipped back to expose your forehead or angled left or right.
- Adjust straps so sliders are below and in front of the ear on both sides.
- Buckle chin strap. Adjust the strap so no more than two fingers fit between the strap and your chin.
- Elbow pads and knee pads are recommended for additional protection.
- Always wear athletic shoes (lace-up shoes with rubber soles), never ride barefooted or wear sandals. Keep shoelaces tied and away from the wheels and the drive system.



GLOVES

KNEE PADS

ELBOW PADS

HELMET

FOLLOW SKATEBOARD REGULATIONS ON AND OFF ROAD

• BE AWARE OF SKATEBOARD REGULATIONS IN YOUR AREA.

Generally, the regulations for the use of a Propel EV Skateboard are the same as local Personal Mobility Device (PMD) regulations or those for a standard skateboard. There may be local differences such as where you can ride, minimum rider age, or required equipment and registration regulations. It is your responsibility to know the local regulations that apply to an electric skateboard for the area you intend to ride and to obey them.

• DO NOT RIDE ON BUSY ROADS WITH LINE MARKINGS.

• ALWAYS RESPECT PEDESTRIANS.



RIDE AT YOUR OWN RISK AND USE COMMON SENSE

- Do not ride distracted. Always remain alert to all riding conditions. Using technology (including your mobile phone or music player) while riding could distract you. Only adjust settings using remote when you are off your board and in a safe, stationary position.
- Never use headphones or a mobile phone to talk or text when riding.
- Always ride defensively. Watch out for potential obstacles that could force you to swerve suddenly or lose control. Braking while turning may reduce your ability to control your Skateboard.
- Look ahead and brake sooner. You may be moving faster and your electric skateboard is heavier as compared to a skateboard, so you may need to react and brake sooner when riding.

Other road users may not expect you to be traveling at higher speeds. Riding faster increases your risk of death or serious injury from a crash.

- Slow down well before entering corners, so you do not enter a corner too quickly. You should also pay particular attention to terrain conditions as you may approach obstacles faster than expected.
- Do not jump on the board, do not ride off gutters or curbs, do not smash the board into hard objects, do not drop the board on the ground for starting operation to prevent damaging your board and its systems.
- Propel EV Endeavor series skateboards are very powerful and the remote acceleration and brakes are highly sensitive. Be very gentle with the controls to avoid being thrown off the board. Practice with these Modes by trying to move as slowly as possible **BEFORE** riding at higher speeds.

AVOID RIDING AT NIGHT

- Riding at night comes with more risks than riding during the day due to decreased visibility. Others may have difficulty seeing you and you may not see obstacles in your path.
- You should wear reflective clothing at night. You may want to attach additional flashing lights on your clothing or helmet.
- Even if you have added lighting components specially designed for the electric skateboard personally, it is still recommended that you avoid riding in an environment with poor light at night. The lighting range, installation position, and angle of different lighting devices may have unexpected differences in the lighting effect, bringing potential use risks to the rider.

In addition, including DIY lighting components that need to be powered by onboard batteries, the installation of all additional DIY parts may affect the performance of the skateboard and the A/S guarantee of the Propel EV products.

RIDING ON HILLS

- Riding on hills can be extremely dangerous; what goes up must come down! If you ride up a steep hill and you intend to ride down this same hill, you must know how to control your speed without the use of the skateboard brakes. Heavy braking on steep terrain could cause the motors to overheat and then you may not have the skateboard braking system available to assist you.
- Hill climbing performance varies by terrain, rider weight, temperature and more. Riding continuously on steep hills will put massive stress on your board, the motors and the brakes.
- If you feel the board slowing down on a steep hill, this may be the protection providing you warning that the board is working too hard. You must consider stopping to avoid risking damage to your board and the electronics.

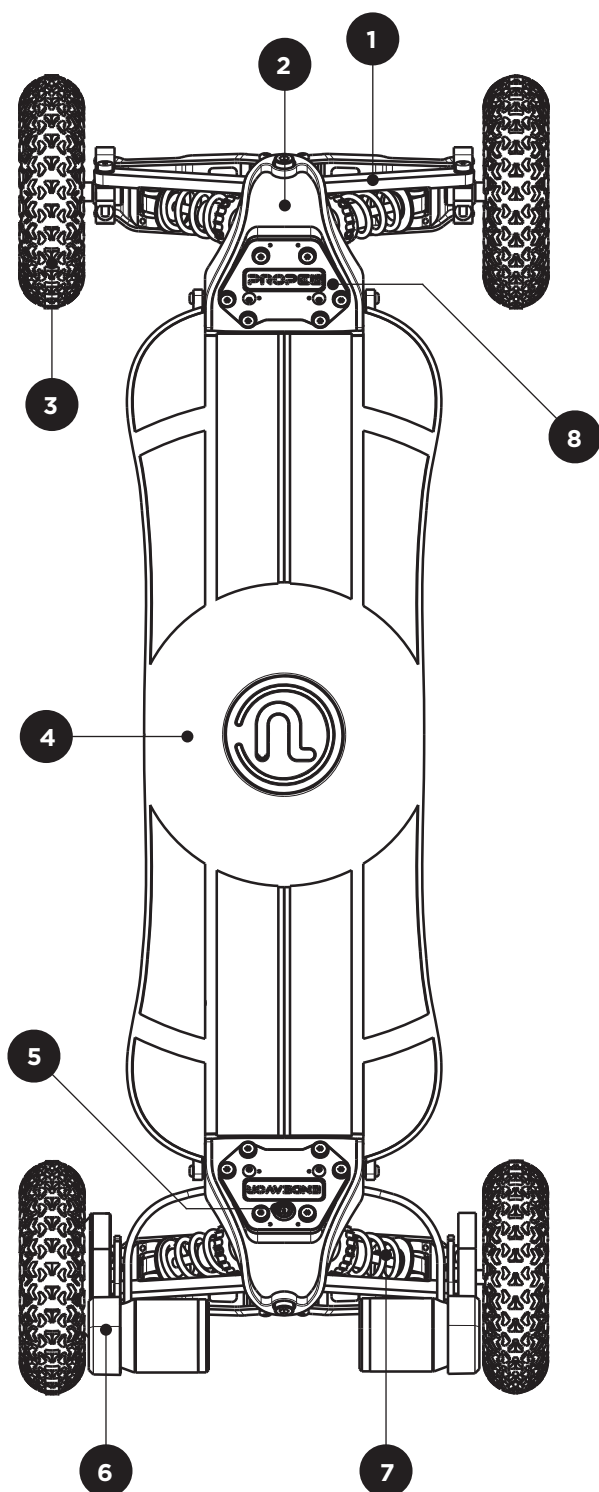
NOTE: DAMAGE FROM OVERLOADING THE ELECTRONICS AND THE MOTORS IS NOT COVERED BY WARRANTY.

DO NOT RIDE IN WET CONDITIONS

- Riding in wet conditions will significantly reduce grip. This may result in the board aquaplaning or sliding from under your feet or the wheels slipping or sliding. It will also take longer for you to brake or stop. The risk of a crash is dramatically increased in wet conditions.
- Your Propel EV skateboard may be able to withstand light rain and small splashes, but is not designed to be subjected to inclement weather, extremely heavy showers or submersion in water. **WATER DAMAGE IS NOT COVERED UNDER WARRANTY.**

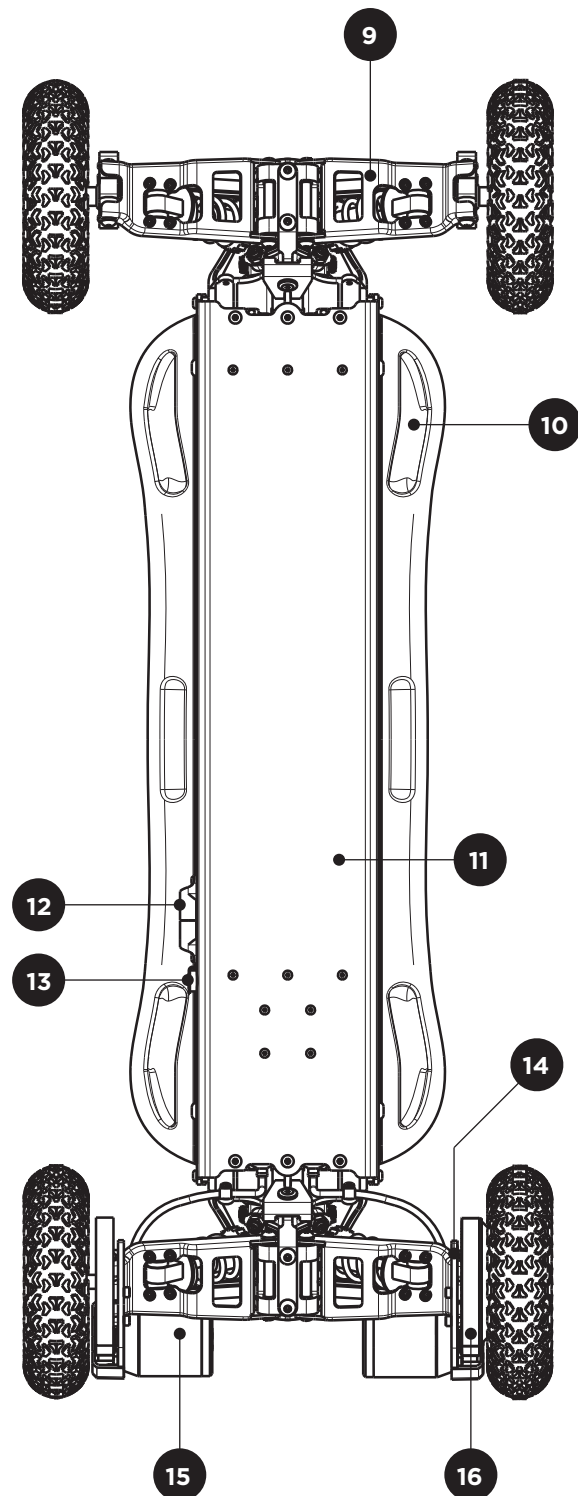
ENDEAVOR SERIES

COMPONENTS AND CHECK ITEMS



1. UPPER ARM
2. MAIN FRAME
3. WHEEL
4. DECK
5. POWER BUTTON

6. BELT GUARD
7. SHOCK ABSORBER
8. BUSHING BASE
9. LOWER ARM
10. HANDLE



11. BATTERY HOLDER
12. ANTENNA
13. CHARGING PORT
14. BELT GEAR
15. MOTOR
16. BELT

PRE-RIDE CHECKLIST

BEFORE EACH RIDE, INSPECT YOUR BOARD AND REMOTE FOR DAMAGE. DO NOT RIDE IF DAMAGED.

- Check whether the parts are deformed or worn.
- Check whether the screws are loose before use and often throughout ownership.
- After the skateboard is started, check for abnormal sounds. Do not use it until the cause of the abnormal sound is found and resolved. There may be friction noise between the belt and the metal gear, because of the temperature and wear, this is normal, not a quality issue.

CHECK BOTH THE FRONT AND REAR TRUCKS AND ALL FOUR WHEELS ARE SECURE.

BE SURE TO MAINTAIN YOUR TIRE PRESSURE.

PROPERLY SECURE YOUR HELMET AND PROTECTIVE PADS.

MAKE SURE YOUR BOARD AND REMOTE BATTERIES ARE FULLY CHARGED.

SEE BATTERY CARE SECTION FOR ADDITIONAL INFORMATION ABOUT CHARGING YOUR BOARD.

PUSH THE BUTTON

FOR A FANTASTIC RIDE

POWER ON/OFF

■ ENDEAVOR S

POWER ON: The power switch is a self-reset switch, which is installed on the upper part of the sliding plate, close to the motor side.

ROLLING START: This board is equipped with “rolling start” which means you shove/push the board ahead of you for 50-100 cm and it will turn itself on (You will hear a beep).

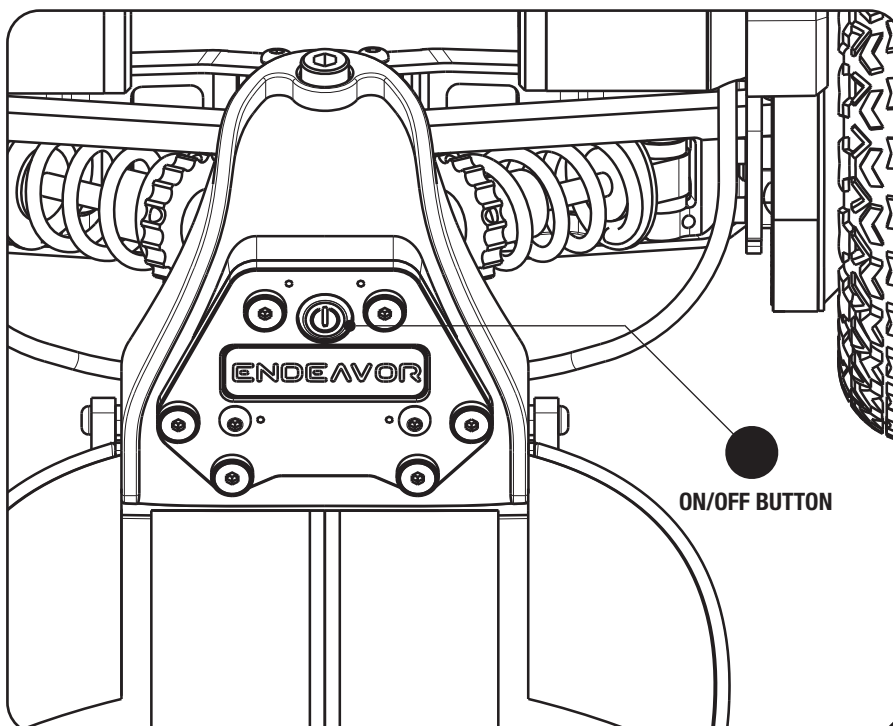
POWER OFF: Press the power switch or leave the skateboard stationary for five minutes, the skateboard will automatically turn down.

■ ENDEAVOR PRO

POWER ON: The power switch is a self-locking switch, which is installed on the upper part of the sliding plate, close to the motor side. There is no rolling start function.

POWER OFF: Press the power button to turn off the power of the skateboard.

Please note: PRO does not have the automatic shutdown function. It needs to be shut down manually. Please turn off the power after use to prevent continuous discharge.

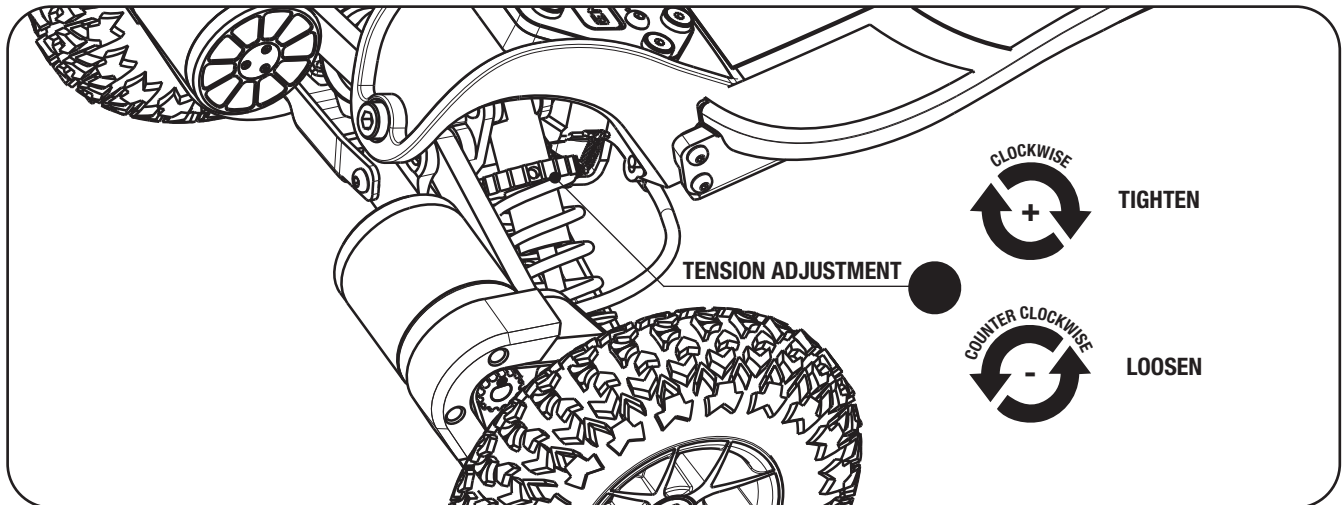


**TURNING YOUR ENDEAVOR
ON / OFF**

ADJUSTMENTS AND TUNING

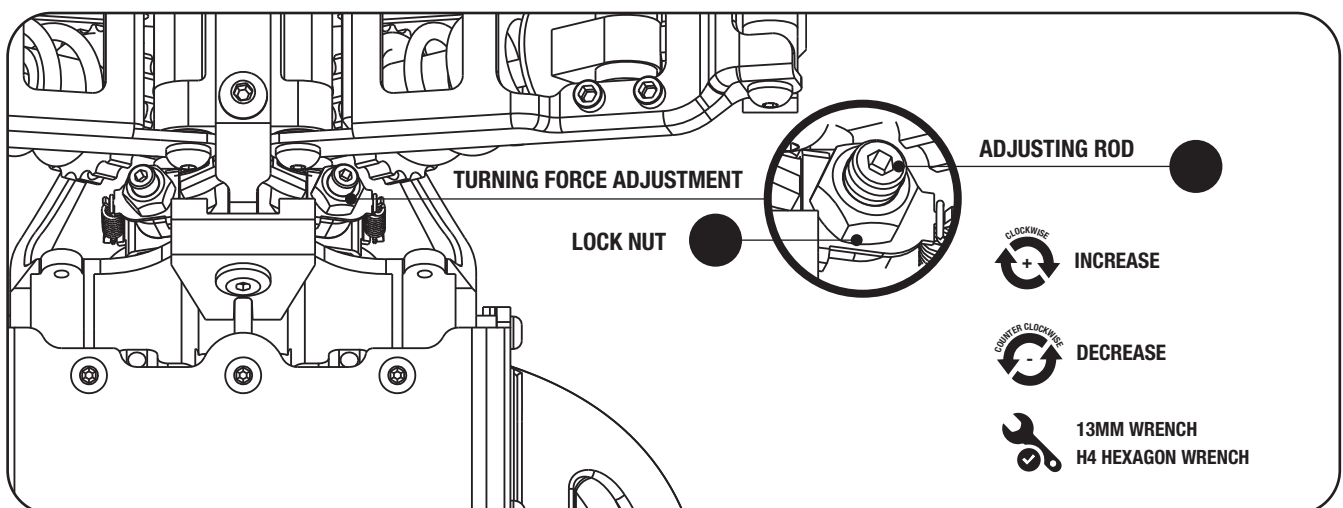
(1) Coil-over shocks

Turn the “**Tension Adjustment**” ring at top of the shock clockwise to tighten, counter-clockwise to loosen.



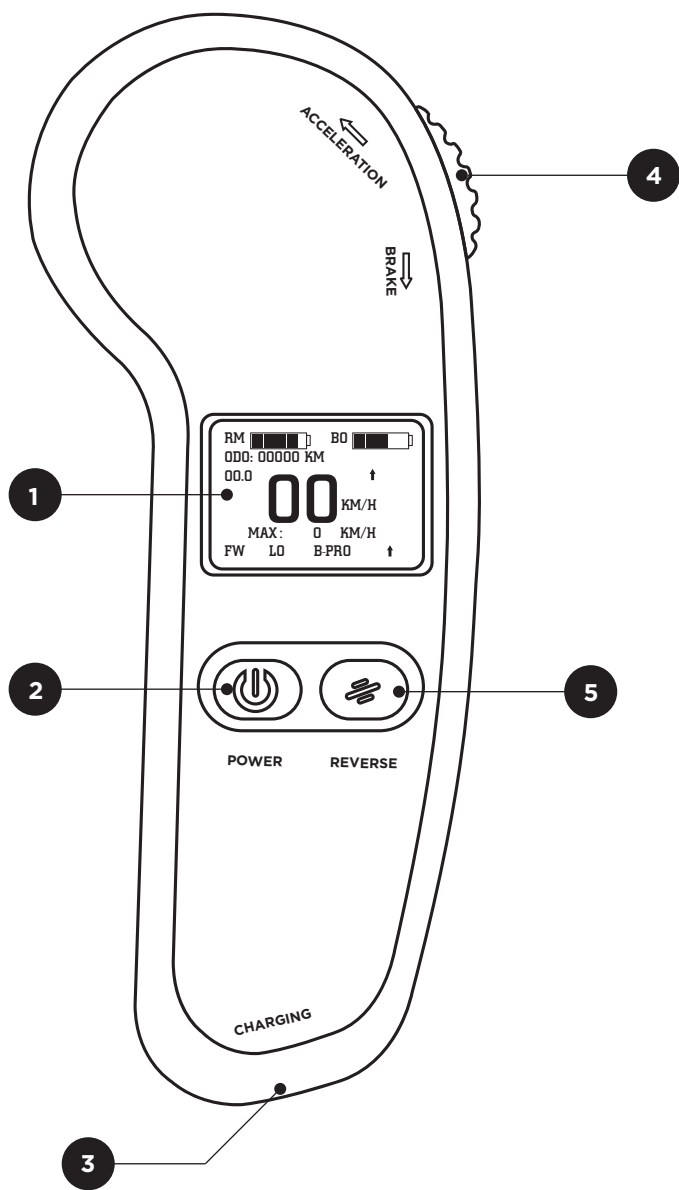
(2) Turning force

1. Use a 13mm wrench to loosen the **LOCK NUT** counterclockwise.
2. Use the H4 hexagon wrench to turn the **ADJUSTING ROD** clockwise to increase the pre-tightening force, and counterclockwise to decrease the pre-tightening force.
3. Use a 13mm wrench to tighten the lock nut clockwise.



REMOTE CONTROL

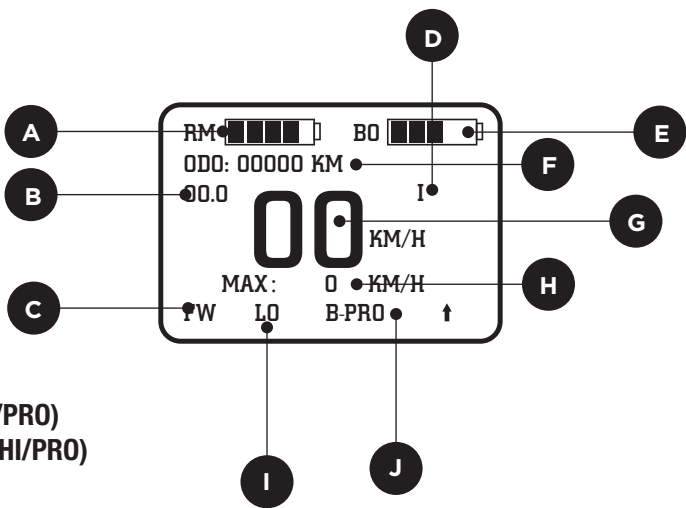
ENDEAVOR S



- 1. LCD DISPLAY SCREEN
- 2. POWER BUTTON
- 3. CHARGER PORT
- 4. ACCELERATE/BRAKE WHEEL
- 5. FUNTION BUTTON

- A. REMOTE BATTERY
- B. SINGLE MILEAGE
- C. DRIVE MODE (FW/RW)
- D. CURRENT INDICATION
- E. BOARD BATTERY

- F. TOTAL MILEAGE
- G. SPEED
- H. TOP SPEED
- I. SPEED LEVEL(LO/MI/HI/PRO)
- J. BRAKE LEVEL(B-LO/MI/HI/PRO)



REMOTE PAIRING (ENDEAVOR S)

1. Begin with board and remote turned off.
2. Turn on board by depressing power button, release. Power button should illuminate.
3. Depress power button again and hold for 5-7 seconds till it begins flashing, depress. The flashing power button means it's ready to pair.
4. Turn on remote.
5. Press both buttons for 1 second, simultaneously, release. (You'll see the battery meter populate)
6. Board is now paired.

REMOTE FUNCTIONS

(1) Scroll wheel

Push the wheel forward to accelerate, and push the wheel backward to slow down.

(2) Cruise control

During acceleration, short press the power button once to switch to the cruise mode. Pull the acceleration/deceleration wheel to end the cruise state. In the constant speed cruising state, if the skateboard and the remote control are disconnected, the skateboard will stop slowly.



NOTE

The cruise control function is an advanced function. Please use it with caution before you are familiar with it. Please do not perform special actions during the cruise control. Please end the cruise control function before you need to change gears or perform other operations.

(3) Vibration

The remote control will vibrate in the following two situations:

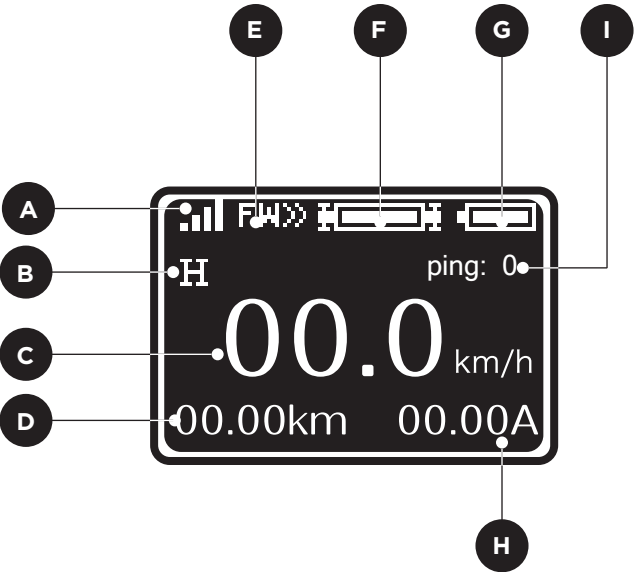
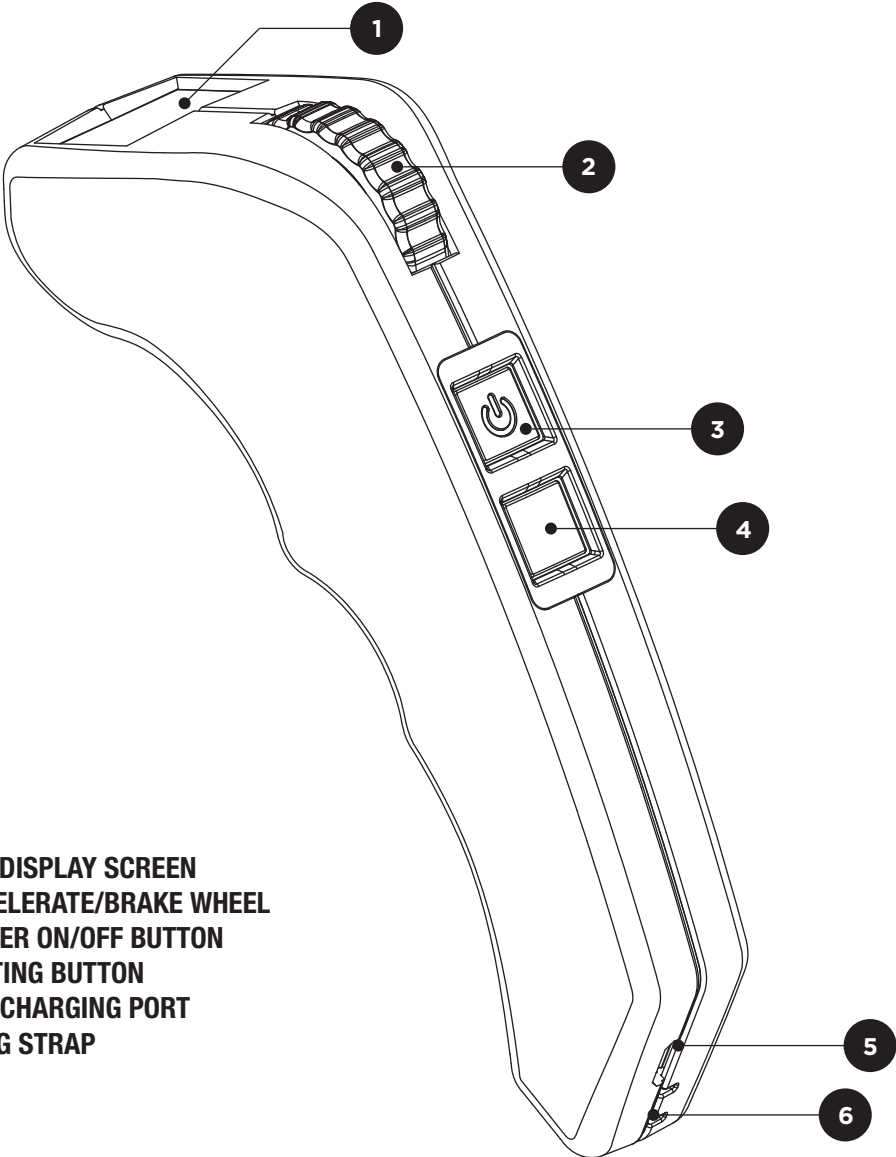
- When the skateboard battery is less than 25%.
- When the remote control fails to connect to the skateboard.

Note: The safe wireless control distance between the remote control and the skateboard is 2 meters.

Please refer to the “**REMOTE CONTROL FUNCTIONS**” video located on the **PROPEL VIRTUAL GARAGE** Channel on YouTube to learn all remote functions.

REMOTE CONTROL

ENDEAVOR PRO



REMOTE SETTING (ENDEAVOR PRO)

- 1. Long press the **power button** to turn on
- 2. Long press the **setting button** to enter the parameter setting menu
- 3. Press the **setting button** to switch the menu interface
- 4. Press and hold the **setting button** until the menu name flashes to enter the setting interface
- 5. Turn the **acceleration brake wheel** to set the parameters
- 6. Press the **power button** to confirm
- 7. Press the **power button** again to exit the menu

PARAMETERS AND DEFAULT VALUES



Except Speed Option and Pairing functionality, all other parameters have been set at the factory according to the default value. Please do not change it at will, otherwise it will cause the remote control to display inaccurate information.

Defaults

PARAMETER	DEFAULT VALUE
BATTERY CELLS	12
POLE PAIRS	7
SPEED OPTION	MPH
WHEEL TYPE	PULLEYED
WHEEL DIAMETER	200
MOTOR PULLEY	15
WHEEL PULLEY	68
THROTTLE CALIBRATE	AUTO
PAIRING	
ESC TYPE	FSESC

REMOTE PAIRING (ENDEAVOR PRO)

1. Enter the Pairing menu according to the above setting method
2. Press and hold the function button until Paring flashes. After turning on the power button of the skateboard, it will automatically match.
3. **"Pairing succeeded"** on the remote control shows that the pairing is successful.

REMOTE FUNCTIONS

(1) Scroll wheel

Push the wheel forward to accelerate, and push the wheel backward to slow down.

(2) Cruise control

Push the acceleration/deceleration wheel to the speed you want, keeping this speed for 3s, press the power button soon at the same time. The screen will show Cruise mode. Pull the acceleration/Deceleration to cancel the cruise state.



NOTE

The cruise control function is an advanced function. Please use it with caution before you are familiar with it. Please do not perform special actions during the cruise control. Please end the cruise control function before you need to change gears or perform other operations.

(3) Torque mode (H/M/L)

Quickly press setting button to change different torque modes (H/M/L). Different torque levels can reach almost the same speeds, but the acceleration is different.

(4) Reverse control

First, pull down the throttle to the end, then quickly press the setting button.



NOTE

Drag the brake to the end and hold it, you can reverse slowly. It is not recommended to change the skateboard to the front-wheel drive. The motor may be damaged if it collides in the front.

The safe wireless control distance between the remote control and the skateboard is 2 meters.

Please refer to the **"REMOTE CONTROL FUNCTIONS"** video located on the **PROPEL VIRTUAL GARAGE** Channel on YouTube to learn all remote functions.

REPLACE THE BUSHING



NOTE

DUE TO THE DIFFERENT HEIGHTS AND WEIGHTS OF RIDERS AND THE DIFFERENT PREFERENCE NEEDS OF RIDING EXPERIENCE, PLEASE SELECT AND REPLACE THE BUSHING ACCORDING TO YOUR ACTUAL NEEDS.

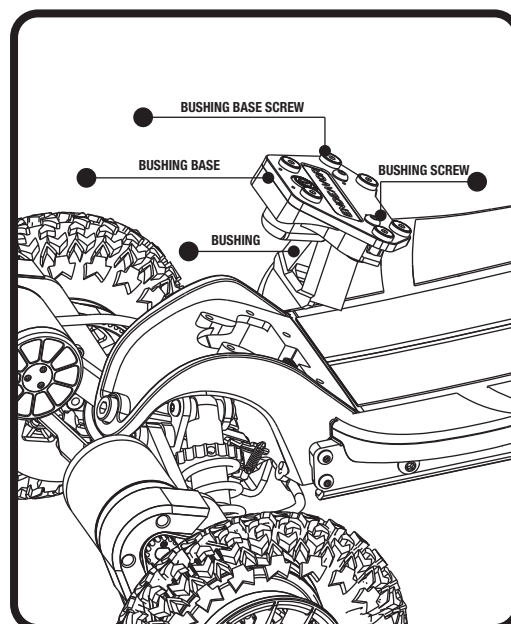
IMPROPER BUSHING REPLACEMENT MAY CAUSE COMPONENTS DAMAGE AND RIDER INJURY.

REPLACEMENT METHOD

1. Use 4# hexagonal wrench to loosen the **BUSHING BASE SCREWS** (6 flat head screws) used to fix the **BUSHING BASE**;
2. Pull out the **BUSHING BASE**;
3. Use 4# hexagonal wrench to loosen the **BUSHING SCREWS** (2 round head screws), remove the **BUSHING** that needs to be replaced;
4. After replacing the **NEW BUSHING**, tighten the **2 round head screws**;
5. Insert the **BUSHING BASE** back to its original position;
6. Tighten **6 FLAT HEAD SCREWS** (It is recommended to screw in several turns in sequence, and then tighten in sequence)

REPLACEMENT RECOMMENDATIONS

- Replacing the bushing with a lower hardness level can obtain more flexible steering and handling sensitivity;
- Replacing the bush with a higher hardness grade can obtain more obvious high-speed stability.
- You can visit **WWW.RIDEPROPEL.COM** or consult our customer service center **SERVICES@RIDEPROPEL.COM** to get replacement suggestions that better meet your personal needs and rider parameters.



BATTERY CARE & CHARGING SAFETY



WARNING
SAFETY MESSAGES

**CAUTION OF FIRE AND
EXPLOSION HAZARDS.**

Only use original **PROPEL EV** battery packs. Never use any other battery pack with your **ENDEAVOR** series skateboard.

TO PREVENT DEATH, SERIOUS INJURY OR PROPERTY DAMAGE:

- Do not leave your battery unattended while charging.
- If the battery has any issue when charging, stop charging and contact PROPEL EV SERVICE CENTER immediately.
- Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes. Battery liquid is caustic and could cause chemical burns. If battery liquid comes in contact with skin, wash quickly with soap and water. If the liquid contacts your eyes, immediately flush eyes with water for a minimum of 15 minutes and seek medical attention.
- The battery pack may give off vapors if it becomes damaged or is used incorrectly. Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapors may irritate the respiratory system.
- Do not submerge the battery pack in liquid of any kind.
- Do not touch the terminals on your battery pack. If the battery pack is not installed in your board, keep it away from paper clips, coins, keys, nails, screws, or other small metal objects that could make a connection from one terminal to another. A short circuit between the battery terminals may cause burns or a fire.
- Battery charging times may increase with battery age and usage.
- Only grab the charger by the plug and not the cable when plugging and unplugging from the wall.
- Do not puncture or crush the battery pack. Battery packs must not be subjected to mechanical shock. If the battery is dropped or struck with another object, the battery may be damaged.
- Do not use the battery pack if it shows visible damage.
- Protect the battery pack against heat e.g., temperature >60° Celsius (140 °F), fire and immersing into water.
- Always remove the battery pack before beginning work (e.g. repair, maintenance, etc.).
- Do not open the battery pack. There is a risk of short-circuiting. Opening the battery pack voids any and all warranty claims.
- Do not place the charger or the battery near flammable materials. Ensure the battery is completely dry and placed on a fireproof surface before charging.
- Keep the battery pack away from children.



WARNING

SAFETY MESSAGES

CAUTION OF FIRE AND EXPLOSION HAZARDS.

- Do not leave your battery unattended while charging.
- Always allow the board to cool for 30 minutes before charging. Do not connect your board to the charger until the battery pack has had a chance to cool to an allowable charging temperature.
- Only charge the battery indoors in dry spaces that are not excessively hot or cold (within 12°Celsius / 10°F of room temperature).
- Ensure there is no dirt, debris or flammable items nearby when using the charger.
- The charger will automatically stop charging once the battery reaches its full capacity.
- Avoid leaving the charger plugged into the board when the battery is fully charged.
- Do not charge the battery if you notice the battery is damaged, excessively hot, leaking, smells, or is discolored.
- Store your board indoors in a dry space, away from heat or flame sources and out of direct sunlight.
- The charger may get hot. Use caution and avoid touching the body of the charger.
- Only charge your Skateboard with its dedicated charger. Other types of batteries may burst causing personal injury and damage. The battery pack voltage must match the battery pack charging voltage of the charger. Otherwise, there is risk of fire and explosion.
- Do not expose the charger to rain or wet conditions. If water enters a charger, there is a risk of electric shock.
- Only use the original Skateboards battery charger supplied with your board. Bypassing the battery charger or the use of a non-approved battery charger can lead to death or serious injury.
- Keep battery charger clean. Contamination can lead to the risk of an electric shock. Clean only when the charger is unplugged with the use of a damp cloth (water).
- Always check the charger, cable and plug before use. Stop using the charger if you discover any damage. Do not open the charger. Damaged chargers, cables and plugs increase the risk of electric shock.
- Do not operate the charger on an easily ignited surface (e.g. paper, textiles, etc.) or in a flammable environment. There is a risk of fire when the charger generates heat during the charging process.
- The battery may give off vapors if it is damaged or is used incorrectly. Ensure the charging area is well ventilated and seek medical attention should you experience any adverse effects. These vapors may irritate your respiratory tract.
- Boards must not be dropped or subjected to other mechanical shocks. There is a risk of damage to the batteries
- Keep the battery charger away from children. Do not allow children to play with charger.
- Persons who are not capable of safely operating the charger because of their physical, sensory or mental limitations, or because of their lack of experience or knowledge, may only use this charger under supervision or after having been instructed by a responsible person.
- Note the household voltage! The voltage of the power supply must correspond to the specifications given on the battery charger nameplate.

BOARD MAINTENANCE



NOTE

YOU ARE RESPONSIBLE FOR ALL MAINTENANCE RELATING TO YOUR BOARD. FAILURE OF ANY PART DUE TO LACK OF MAINTENANCE IS NOT COVERED BY THE WARRANTY.

- Always clean your bearings for the best roll and quietest/ smoothest ride. Bearings will get dirty and affect ride quality. This may reduce battery performance and possibly result in bearing failure.
- Always check all screws/nuts throughout the skateboard are tight (truck nuts, wheel nuts, etc.) before each ride.
- Rotate the wheels on the skateboard, as you would do so with any longboard skateboard, as the drive wheels will wear the fastest.
- Regularly clean & check the belt and drive gear for any damage. Replace if necessary.
- Clean your board from dust and dirt so it looks and rides as new at all times. Only use a damp & dry cloth to clean. Cleaning products may contain solvents that can damage your board.
- Be sure to maintain your tire pressure. Check your tire pressure periodically. If the tire pressure is lower, your tires will need to be replaced sooner and your ride times will be reduced due to the increase in friction from the tires.

CUSTOMER SERVICE

If you need more help, have concerns and questions or perhaps even input, please send a detailed description of the problem and related photos and videos to SERVICES@RIDEPROPEL.COM.

We will promptly provide you with a solution based on your feedback. For detailed video guides related to board functionality and maintenance please also visit the YouTube channel: PROPEL VIRTUAL GARAGE.

WARRANTY AND MAINTENANCE

1. To give you a quick feedback, please make sure that there's the I.D. code which is on the remote, board's suspension and packing list in your email.
2. Within SIX MONTHS from the date of receipt by the user, non-human damage to the main body of the body can be repaired free of charge.
3. Electronic components such as motors, controllers, remote controls, batteries are guaranteed for THREE MONTHS.
4. Consumables are not covered by the warranty. Consumables include: tires, belts, sandpaper, decks, belt protection covers, driveshafts, driveshaft rubber sleeves, etc.
5. Gifts are not covered by the warranty.
6. If you encounter any problems and need our technical support, please send a detailed description of the problem and related photos and videos to SERVICES@RIDEPROPEL.COM.

7. Non-warranty items

The following conditions are not covered by the warranty:

- (1) Exceeding the warranty period;
 - (2) Damage caused by human causes and collisions;
 - (3) Damage caused by uncontrollable factors;
 - (4) Damage caused by water entering the vehicle;
 - (5) Unauthorized disassembly of skateboards and parts;
 - (6) Unauthorized modification of ESC's parameters;
 - (7) Unauthorized alteration of warranty labels, product information, including obscure, self-destruction, tampering, etc.;
 - (8) Damage caused by improper packaging when sent back;
 - (9) Any damage caused by use, maintenance and adjustment not in accordance with the requirements of the User Manual;
 - (10) Other failures and damages that are not caused by the design, manufacturing, quality and other issues of the product itself.
8. It is recommended to replace the belt by 500 kilometers or when any abnormal burrs, cracks, etc. occur.
 9. Do not wash the skateboard with water, and do not use alcohol, gasoline, kerosene, or other corrosive or volatile chemical solvents to scrub the skateboard.
 10. When tightening the screws, observe the torque specifications. Over tightening or insufficient tightening of screws may cause damage or malfunction.



NOTE

To the extent permitted by law, the above-mentioned warranty policy may be updated from time to time, and PROPEL EV reserves the right of final interpretation.

PERFORMANCE PARAMETERS

BASIC SPECIFICATIONS	
LENGTH	44INCHES/1140MM
WIDTH	15.4INCHES/390MM
HEIGHT	9.6INCHES/245MM
WHEEL SIZE	8INCHES/200MM
GROUND CLEARANCE	4.4INCHES/110MM
MAXIMUM PAYLOAD	330LBS/150KG
TOP SPEED	25KM/H
CHASSIS	INDEPENDENT SUSPENSION
TYRE PRESSURE	2 BAR/29PSI
DECK	CARBON FIBER DECK
BOARD WEIGHT	40LB/18.5KG
ELECTRICAL CONTROL	
BATTERY PACK RANGE	RIDER A(75KG) 71KM, RIDER B(100KG) 50KM
BATTERY	SAMSUNG 25AH/1110WH,12S5P
SHOCK ABSORBER	ADJUSTABLE 350LBS COIL OVER SHOCKS
MOTORS	2X6374 MOTORS/EACH MOTOR HAS A MAXIMUM THEORETICAL OUTPUT OF 3000W



Please ensure that the safe and reasonable speed is always maintained when using this product. The designed safe driving speed of this product is < 25KM / H. This means that when your driving speed exceeds or is equal to 25km / h, you may face serious consequences such as injury and death. Please drive safely in strict accordance with the operation manual and control the maximum speed per hour.



PROPEL^{EV}

WWW.RIDEPROPEL.COM

[EMAIL:SERVICES@RIDEPROPEL.COM](mailto:SERVICES@RIDEPROPEL.COM) / MKT@RIDEPROPEL.COM

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction