SWAGTRON

USER MANUAL

Ver. 1.0 6/19/19

In order to continue serving our customers and providing the best products, our product information including our user manuals may receive updates from time to time. Please check our website for the latest user manuals and product materials.





PROTECT YOUR DOME HELMETS SAVE LIVES

Helmets can reduce 85% of critical head injuries.

Elbow pads can reduce 82% of elbow injuries.

Knee pads can reduce 32% of knee injuries.

From https://www.ncbi.nlm.nih.gov/pubmed/2716781

Always wear proper protective gear when riding. This includes knee and elbow pads and an age-appropriate helmet.

- Helmets should fit comfortably and snugly, covering the forehead but not hindering your field of vision.
- The helmet should have a chin strap and buckle to keep the helmet in place.
- The helmet should be made out of a hard, protective outer shell and an impact-absorbing inner layer at least 1/2-inch thick.
- The helmet should be approved by the U.S. Consumer Product Safety Commission (CPSC), the Snell Memorial Foundation, or the American Society for Testing and Materials (ASTM).



Thank you for your purchase of the Swagger 8 Folding Electric Scooter!

The Swagger 8 takes the power of electricity, the style of a traditional scooter, adds them together, and tops it off with an extra bit of swag.

To ensure your safety and the safety of others, please read and follow the guidelines in this user manual carefully and thoroughly before and during riding.

If you have any questions regarding the Swagger 8, contact us at 1-844-299-0625 for further assistance.

Happy Riding!

-The SWAGTRON® Team

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Section 1 GENERAL INFORMATION

Before operating this vehicle, please read all instructions. This manual will guide you through the functions, usage, and proper care of your Swagger 8. If you have any questions or cannot find the information you need in the manual, please contact your place of purchase or our customer service at 1-844-299-0625. Before contacting customer service, please have your purchase information ready as this may be needed during the call. This information may be recorded below.

Date of Purchase:	
Place of Purchase:	

▲ It is important that you follow all safety warnings that appear throughout this manual and exercise good judgment when using your Swagger 8 scooter. Consult this manual before attempting to ride.

1.1 Important Information

Within this manual, "the Swagger 8", "your Swagger 8", "your scooter" and "the scooter" refer to the Swagger 8 Folding Electric Scooter. The Swagger 8 is a personal scooter that uses electrical power. By riding the Swagger 8 scooter, the user acknowledges and accepts responsibility for all risks associated with the use of the scooter which may include, but are not limited to, muscle injuries, broken bones, lacerations, serious injury, and possible death, which may be sustained while using the Swagger 8.

To better ensure your safety, **ALWAYS USE APPROPRIATE PROTECTIVE GEAR**, read and follow all instructions and warnings in the User Manual.

Appropriate protective gear should include an ASTM F1492, F1447, F1492, Snell B-90A, B-95, N-942, or CPSC approved helmet and other gear including knee and elbow pads.

🕑 Use the Swagger 8 at your own risk. SWAGTRON shall not be held responsible for accidents due to poor judgment.

1.2 Safety Warnings

When reading this manual, note these icons:

- ▲ Notes with this icon MUST be read, understood, and obeyed to prevent injury or damage, etc.
- Notes with this icon include relevant information.
- ▲ Properly dispose of all packaging material. Some items may be packed in plastic bags or material and may cause suffocation or injury to pets or children.
- ▲ Verify that all parts of the product are accounted for. If any part is missing, call customer service.
- ▲ If any ports or cables or surrounding parts are damaged, do not use the product.
- A Never insert objects into the product other than the cables etc. as described in this manual.
- ▲ If the product is to be used by children, the parent or legal guardian should explain the contents of the user manual to the children and should provide adequate supervision to ensure that the device is being used as explained in the user manual.
- ▲ Use only the parts included in the original packaging or received from the manufacturer.
- ▲ Risk of shock. Do not allow water and/or liquids to come in contact with any part of the product.
- ▲ Use dry, non-abrasive cloth to remove debris or dust. Do not spray liquids onto the product.
- A Never submerge the product or any of the product's components and/or accessories into water.
- ▲ Do not ride over stairs.
- \bigwedge Do not allow more than one person on the scooter at a time.
- \bigwedge The product shall only be used as described in this manual.

Cover the product to protect it from dust. Do not store in a dusty environment as, with all electronic devices, this may cause damage over time.

MARNING- RISK OF FIRE - No user serviceable parts

AVERTISSEMENT - Risque d'incendie - Aucune des pièces ne peut être réparée par l'utilisateur

1.3 Disposal at End-of-Life

This product must not be disposed of by incineration, landfilling, or mixing with household trash. Improper disposal of the battery contained within this product may result in the battery heating up, rupturing, or igniting which may cause serious injury. The substances contained inside the battery present chemical risks to the environment. The recommended disposal for SWAGTRON[®] Swagger 8 Folding Electric Scooter at its end-of-life is to dispose of the entire unit at or through an e-waste recycling center, program, or facility.

Local regulations and laws pertaining to the recycling and disposal of lithium-ion batteries and/or products containing them will vary according to country, state, and local governments. You must check laws and regulations corresponding to where you live in order to dispose of the battery and/or unit properly. It is the user's responsibility to dispose of their waste equipment properly in accordance with local regulations and laws.

For additional information about where you should drop off your batteries and electrical or electronic waste, please contact your local or regional waste management office, your household waste disposal service, or your point-of-sale.

1.4 Main Specifications

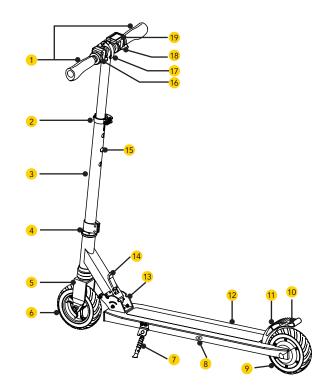
Dimensions	Opened	36.41 x 16.9 x 40.15 in (93x43x102 cm)
Dimensions	Folded	33.46 x 16.9 x 11.41 in. (85x43x29 cm)
Weight	Vehicle Weight	17.42 lb. / 7.9 kg
	Suitable Rider Height	4' - 6'6" (120 - 200 cm)
	Weight Capacity	44 - 150 lb. (20 - 63 kg)
Requirements	IP Rating	IPX4
	Working Temp.	32°F to 109°F 77°F / 25°C
	Storage Temp.	14°F to 122°F / -10°C to 50°C
	Max. Speed*	15.5 mph (25 km/h)
Performance	Max. Climbing*	10°
Performance	Range per Charge*	4~10 mi. (6.4~16.1 km)
	Brakes	Electronic, Rear friction, "Autoguard"
	Suspension	Front, Coil-sprung
	Wheel Type	Passive (front), Motorized (rear)
Wheels	Wheel Size	5.5 in.
vvneeis	Tire Material	Solid rubber
	Tire Inflation	50 PSI / 3.4 BAR
	Battery Type	Lithium-ion (rechargeable)
Power	Battery Management	Automatic shutoff, Overcharging, Under-voltage, Overheating
Power	Voltage	24V 4.0 Ah
	Charging Time	3 hours
	Model	ABT010294
	Input Voltage	100-240V 50/60Hz 1.5A
Charger	Output Voltage	DC 29.4V 1A
	Manufactured By	Duangdong ABT industrial CO., LTD Add: #2 JiLi Rd PingDi Town, LongGang District, Shenzhen GuangDong China, 518117

Section 2 PARTS & FEATURES

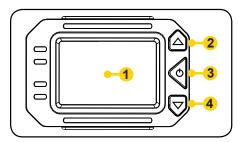
- 2.1 What's in the Box?
 - 1 x Swagger 8
 - 1 x Charger
 - 2 x Handles
 - 1 x User Manual
 - 1 x Allen Key

2.2 Swagger 8 Diagram

- 1. Handles
- 2. Lower Clamp
- 3. Stem
- 4. Stem Tap
- 5. Fork
- 6. Front Wheel
- 7. Kickstand
- 8. Charging Port
- 9. Rear Motorized Wheel
- 10. Reflector
 11. Footbrake
 12. Deck
 13. Folding Notch
 14. Folding Latch
 15. Metal Peg Hole
 16. Handbrake
 17. Upper Clamp
 18. Throttle
 19. Display



2.3 Display Overview



1. Screen2. Up Button3. Power Button4. Down Button

Press and hold the **POWER** button for ~3s to turn on the display. The display is made up of these parts:



- DO NOT expose the display to direct sunlight or high heat for extended periods of time.
- DO NOT store the scooter inside a vehicle or other location subject to high heat. Any of these conditions may damage the display's interface.

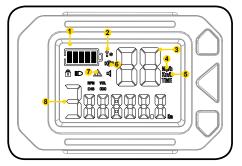
2.4 Display Indicators

To navigate through the display use the **UP** and **DOWN** buttons.



From default settings, the display will turn off when the scooter turns off or after 5 minutes of non-use.

General Indicators and Fault Indicators:



There are two icons (6 & 7) which will appear under abnormal circumstances and/or if the internal system or parts inside the scooter encounter some type of issue. In the event that any of these icons appears, first turn the scooter off and back on again.



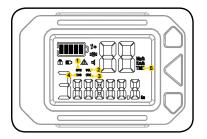
If turning the scooter off and on again doesn't resolve the issue, contact customer service as soon as possible.



When the battery level is low, stop riding, turn off the scooter, and fully recharge it before riding again.

- 1. Battery Level: Displays current battery level.
- 2. Setting: This icon will appear when modifying program settings. Please see 2.5 Program Menu Settings for more information on these settings.
- 3. Speed: Displays current speed readings and will change as the scooter is in use.
- 4. Speed Measurement: MPH (miles per hour).
- 5. Speed Measurement: KPH (kilometers per hour).
- 6. Motor Warning: Indicates possible motor issues or abnormality and will appear if an element of the motor fails to function properly.
- 7. Brake Warning: Indicates possible brake issues or abnormality and will appear if an element of the brakes fails to function properly.
- 8. Speed Mode: This icon indicates current throttle-only speed mode, which have upper speed limits as follows:
- 9. Speed mode max. speeds (throttle only):

Mode 1: ~6.2 mph Mode 2: ~11.2 mph Mode 3: ~15 mph



Display Indicators & Modes

Different screens and their related settings may be shown on the display as desired. To switch between screens and display different information, briefly press the **POWER** button.

1. RPM: This icon displays revolutions per minute.

2. Voltage: This icon displays upon start-up. The voltage is related to internal settings within the scooter and is not user-accessible.

3. Odometer: When this mode is selected, the odometer icon and the corresponding value will appear on the highlighted area on the display.

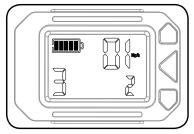
4. Trip Meter: When this mode is selected, the distance icon and the corresponding value will appear on the highlighted area on the display. This icon tracks your travel

distance per trip. Turn off the scooter to reset or press and hold the **UP** button.

5. Time: When this mode is selected, the time icon and the corresponding value will appear on the highlighted area on the display. This icon is related to tracking the travel time per trip. To reset, turn the scooter off.

2.5 Program Menu

The display also features five program settings which are not readily indicated on the screen by default. Follow the steps to access the settings screen and make changes.



- **Step 1.** Press and hold the UP and DOWN buttons simultaneously for ~2 seconds.
- **Step 2.** Press the POWER button to cycle through the 6 program options (see below).
- **Step 3.** For each setting, press UP or DOWN buttons adjust the option.
- Step 4. Press the POWER button to confirm changes and cycle to the next screen.
- **Step 5.** Press and hold the UP and DOWN buttons simultaneously for ~2 seconds to exit settings.

The display will timeout after a few seconds of inactivity and return to the main display interface.

01: Adjusting Brightness of Display's Backlight

Press UP and DOWN buttons to adjust the brightness of the display's backlight.

02: Measurement Setting

Change the current speed measurement in this setting. Speed may be displayed in either miles per hour (MPH) or kilometers per hour (KM/H). Option 0 is KM/H. Option 1 is MPH. By default, this option is set to 1. If changed, the display will show the related icons.

03: Shutoff Time

Set the time, between 0 and 60 minutes, that the scooter will power down after inactivity.

04: Manual Kick-Start Motor

Options can be set to 0 (off) or 1 (on). By default, this option is off. Selecting 1 turns on this feature. When activated, the throttle can not be used until you reach 1.8 mph manually. If you drop below the trigger threshold, the throttle cannot engage again until you reach 1.8 mph. For details on the different ways to accelerate, please see Section 5.1.

🕞 This feature will remain active until you turn it off from the Program Menu, even if you turn off the scooter.

05: Cruise Control

Options can be set to 1 (off) or 2 (on). By default, this option is off. Selecting 2 turns the feature on.

🝘 This feature will remain active until you turn it off from the Program Menu, even if you turn off the scooter.

06: Clear Odometer (ODO) Data

Press and hold the **UP** button until the settings icon disappears. All mileage will be deleted and the display will automatically power off.

Section 3 FOLDING & ASSEMBLY

Make sure the Swagger 8 is turned off before working with any of its parts. The scooter comes mostly assembled within the package. Some minor assembly is required before riding. All parts and tools are included.

3.1 Assembling the Handlebars

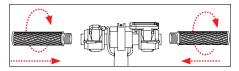
Before installing the handlebars, please check each for a small letter to indicate which side of the scooter the handle should be attached to. \square is for the left side while \mathbb{R} is for the right side. Screw in each handle and make sure everything is securely attached.

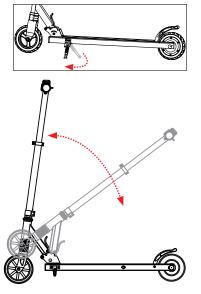
When facing forward on the scooter, screw the handles toward you to tighten.

- 3.2 Standing the Scooter
- 1. Locate the kickstand on the side of the scooter's deck.
- 2. Push the kickstand down and away from the scooter. Then carefully lean the weight of the scooter onto the kickstand.

3.3 Folding & Unfolding the Scooter

- 1. Pull the folding latch down to unlock the stem. Then pull the stem down towards the deck.
- 2. Make sure it locks into the lowest notch. It will "click" into place.
- 3. To unfold the scooter, pull up the stem away from the deck. When the stem is fully unfolded, it will lock into the topmost notch.
- ▲ Before moving, lifting, or otherwise transporting the scooter, ensure it is turned off.



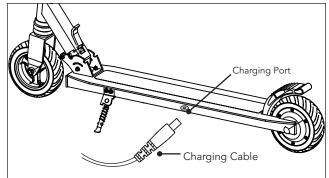


Section 4 CHARGING

 \bigwedge Charge the scooter before using it.

4.1How to Charge

- **Step 1.** Ensure the scooter is turned off before and during the charging process.
- **Step 2.** Locate the charging port near the kickstand and remove the cap if needed.
- **Step 3.** Use the charger and the charging port to connect the scooter to an outlet.
- **Step 4.** While the scooter is charging, the adapter's indicator light will turn red.



▲ If charging for the first time, charge the scooter for at least 3 hours before using it.

- **Step 5.** When the scooter is fully recharged, the adapter's indicator light will turn green. You may then disconnect the scooter from the charger.
 - ▲ DO NOT, under any circumstances, use the scooter while it is connected to the charger.
 - ▲ Do not charge longer than necessary. Standard charging time is approx. 3 hours. Charging longer than this may affect battery life and/or performance.
 - ▲ To maximize the battery life, charge it once every other month or every couple days after riding.

4.2 Battery Specifications

Туре	Lithium-ion (rechargeable)
Charging Time	3 hours @1A
Voltage	24V
Capacity	4 Ah
Weight	1.75 lbs / 0.8kg
Dimensions	10.55 x 2.83 x 0.95 in / 268 x 72 x 24 mm
Operating Temp.	14°F to 140°F / -10°C to 60°C
Charging Temp.	32°F to 113°F / 0°C to 45°C
Storage Temp.	23°F to 95°F / -5°C to 35°C
Watt Hours	100.8
Management	Automatic shutoff, Overcharging, Under-voltage, Overheating

Section 5

USAGE

Read the following information before attempting to ride your Swagger 8.

- An ASTM F1492-approved helmet as well as other protective gear must be worn at all times.
- ▲ The Swagger 8 supports up to 150 lb. (68 kg). Do not carry passengers.
- ▲ Only operate the Swagger 8 where permitted. Local laws may restrict where you may ride.
- The Swagger 8 contains a motor and may be classified as a motor vehicle under local laws in your area. It is your responsibility to abide by any local laws restricting how or where you may ride.

5.1 How to Ride

Always wear suitable protective gear when riding the Swagger 8. Place the scooter on a level surface. Make sure it is completely charged before using. For your safety, please read this entire section before attempting to ride.

- Step 1. Carefully step on with one foot and stand upright but relaxed. Grab both handles.
- Step 2. Keep one foot on the ground and kick off to begin accelerating manually. Use the handles to steer.
- **Step 3.** Start your Swagger 8 by pressing and hold the power button for ~3s. Then start accelerating by pushing the throttle.
- **Step 4.** To stop, release the throttle and use the handbrake, footbrake, or both to gradually coast to a stop. Then step off the scooter one foot at a time. Be extra cautious when dismounting for the first time.
- Step 5. To turn the scooter off, remain at a complete stop for a few seconds and press and hold the power button for 3~5 seconds.
- The display shows how much charge is left in the battery. Make sure the battery is at full power before heading out on a long distance ride.

Manual (Non-Motorized)

- Step 1. Carefully step on the scooter deck with one foot. Stand upright but relaxed and grab both handles.
- Step 2. Keep one foot on the ground and kick off to begin accelerating manually. Use the handles to steer.
- **Step 3.** To stop, use the brake to gradually coast to a stop then step off the scooter one foot at a time. Be extra cautious when dismounting for the first time. When using the brake, the taillight will turn red automatically.
- **Step 4.** If the scooter is on, press and hold the power button for ~3 seconds to turn off the scooter. The display and lights will turn off as the scooter powers off.

Manual (Kick-Start Motor)

Using this Manual Kick-Start Motor feature can conserve battery power, improve battery life, and extend range-percharge.

- Step 1. Turn on the Manual Kick-Start Motor feature (see Section 2.5 Program Menu).
- Step 2. Carefully step on the scooter deck with one foot. Stand upright but relaxed and grab both handles.
- Step 3. Keep one foot on the deck and kick off to begin accelerating manually.
- Step 4. Once you reach approx. 1.8 mph, the throttle will activate. Press the throttle to accelerate to the desired speed.
- **Step 5.** To stop, release the throttle and use the brake to gradually coast to a complete stop. When using the brake, the taillight will turn red automatically.
- △ Dismount one foot at a time. Be extra cautious when dismounting for the first time.
 - This feature remains active until you manually turn it off in the Program Menu (see Section 2.5 Program Menu), even if you power off the scooter.

Cruise Control

Step 1. Turn on Cruise Control (see Section 2.5 Program Menu).

- **Step 2.** Accelerate to reach the desired speed.
- Step 3. Hold the throttle for approx. 6 seconds to turn on Cruise Control and maintain speed.
- **Step 4.** Using the throttle or the brake will turn off Cruise Control.
- ▲ This feature remains active until you manually turn it off in the Program Menu (see Section 2.5 Program Menu), even if you power off the scooter.

5.2 Practicing Guidelines

Practice until you are comfortable with using all of the scooter's functions. See the following tips below.

- Avoid wearing anything that can drape over or get caught into/under the wheels. Wear closed-toe, flat shoes to maintain flexibility and stability.
- Practice until you can easily get on, move forward, turn, stop, and dismount with ease.
- The scooter is designed to handle inclines up to 8°. Riding over steep inclines is not recommended.
- The Swagger 8 is designed for relatively smooth, flat terrain.
- Until you are comfortable using the scooter, avoid operating in places with slopes, pedestrians, or obstacles.
- Familiarize yourself with the **Program Menu** Settings (see section 2.5).

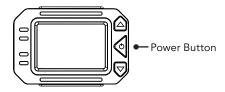
Section 6

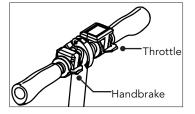
MAINTENANCE

▲ Do not perform any maintenance when the power is on, or the battery is charging.

After each ride, especially if you have traveled a long distance, inspect your scooter.

- Inspect the brakes to make sure that is working properly.
- Make sure all screws and bolts are taut and properly fastened to prevent injury and unnecessary wear and tear.





Tire wear and tear is normal. The rate at which the tires deteriorate depends on riding style. E.g., casual riding may yield minimal wear while heavy drifting may yield excessive wear. To purchase tire replacements and/or for questions about your scooter's parts, contact customer service or visit our website.

6.1 Cleaning

The Swagger 8 may need cleaning after riding for extended periods of time.

▲ Completely power off the scooter before cleaning.

▲ Use dry, non-abrasive cloth to gently remove debris or dust.

A The Swagger 8 may not come in contact with it in any kind of liquid.

A Never use alcohol or ammonia-based cleaning solutions.

 \bigwedge Never spray liquid directly onto any part of the scooter.

6.2 Storage

To store the Swagger 8, see the following information below.

A Before storing, fully charge the Swagger 8 to prevent battery over-discharge due to non-use.

▲ If storing for more than one month, discharge and recharge the battery every three months.

Cover the Swagger 8 to protect it from dust. Do not store in a dusty environment as, with all electronic devices, this may cause damage over time.

▲ Do not store in an unheated garage, shed, or other location with extreme temperature fluctuations.

6.3 Transportation

Before moving, lifting, or otherwise transporting the scooter, turn it off. Fold the scooter (see Section 3.3 for instructions) and pull the scooter along as you move, if needed.

Section 7 90-DAY LIMITED HARDWARE WARRANTY

Your SWAGTRON[®] Swagger 8 Folding Electric Scooter ("Product") includes a 90-Day Limited Hardware Warranty ("Warranty"). The Warranty covers product defects in materials and workmanship under normal use. This Warranty is limited to residents of the United States (excluding Hawaii, Alaska and U.S. Territories) and Canada only and is available only to original purchasers. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This Warranty starts on the date of your purchase and lasts for ninety (90) days (the "Warranty Period"). The Warranty Period is not extended if the Product is repaired or replaced. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

Warranty services are provided by SWAGTRON[®]. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, SWAGTRON[®] will: (1) repair the hardware defect by using new or refurbished parts that are equivalent to new in performance and reliability; or (2) exchange the Product with a product that is new or refurbished which is substantially equivalent to the original product. This Warranty is for one replacement only of like-items and does not cover items out of production if the product is no longer made or stocked. This Warranty is not assignable or transferable. The original purchaser may call SWAGTRON's toll-free number at 1-844-299-0625 for service request.

When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes SWAGTRON[®]'s property. This warranty only covers technical hardware defectiveness during the warranty period and under normal use conditions. SWAGTRON[®] does not warrant uninterrupted or error-free operation of this Product.

Return shipping shall only be provided for Products dead on arrival ("DOA") within 30 days of purchase only. All other returns/

repairs shall require payment of shipping cost at discounted rate to be determined as follows:

 $\mathsf{SWAGTRON}^{\texttt{®}}$ E-Scooters, and Hoverboards shall be Twenty Dollars (\$20)**

**shipping prices are subject to change without further notice.

This Warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear(including but not limited to wearables and other consumable parts such as tires); or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

Important: Do not disassemble the Product. Disassembling the Product will void this Warranty. Only SWAGTRON[®] or a party expressly authorized by SWAGTRON[®] should perform service on this Product.

DISCLAIMER OF WARRANTY: THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

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