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**camicinta ZG0279**

# camicinta 428528 Incline Motor Controller User Manual

**Brand:** camicinta | **Model:** ZG0279

## 1. Introduction

This manual provides essential information for the installation, function, and maintenance of the camicinta 428528 Incline Motor Controller (Model ZG0279). This component is designed as a direct replacement part for specific NordicTrack Commercial Series treadmills, ensuring proper incline and decline functionality.
Understanding the correct procedures for handling and installing this controller is crucial for the safe and effective operation of your treadmill. Please read all instructions carefully before proceeding with any installation or maintenance.

## 2. Compatibility

The camicinta 428528 Incline Motor Controller (ZG0279) is compatible with the following NordicTrack Commercial Series treadmill models. This controller replaces original parts 428528, 424106, and ZG0279. Verify your treadmill's model number against this list to ensure compatibility.

### Commercial 1750 Models:

- NETL207160, NETL207161, NETL207170, NETL207171, NETL20717-CHO
- NTL140100, NTL140101, NTL140102, NTL140103, NTL140104, NTL140105
- NTL140110, NTL140111
- NTL141130, NTL141131, NTL141132, NTL141133, NTL141134
- NTL1411300, NTL1411301, NTL1411302, NTL1411303, NTL1411364, NTL1411365, NTL1411366
- NTL141140, NTL141141
- NTL141150, NTL141151, NTL141152
- NTL141160, NTL141161, NTL141162, NTL141163, NTL1411640, NTL1411641
- NTL141170, NTL141171, NTL141172
- NTL141190, NTL141191, NTL141192, NTL141193, NTL141194, NTL141195
- NTL141290, NTL141291, NTL1412910, NTL1412911, NTL141292, NTL141293, NTL141294, NTL141295,

NTL141296, NTL141297, NTL141298, NTL141299

- NTL142120, NTL142121, NTL142122
- NTL142210, NTL142212, NTL14221-INT0
- NTL158090, NTL158091, NTL158092

### Commercial 2450 Models:

- 831.294890
- NETL247160, NETL247161, NETL247170, NETL24717-CH0
- NTL171130, NTL171131, NTL171132, NTL171133, NTL171134, NTL171135
- NTL171140
- NTL172150, NTL172151, NTL172152
- NTL172160, NTL172161, NTL172162, NTL172163, NTL1721640, NTL1721641
- NTL172170, NTL172171, NTL172172
- NTL172190, NTL172191, NTL172192, NTL172193, NTL172194, NTL172195
- NTL172210, NTL172211-NT0
- NTL191120, NTL191121, NTL191122

### Commercial 2950 Models:

- NETL287170, NETL287171, NETL28717-CH0, NETL287190
- NETL297160
- NTL191170, NTL191171, NTL191172
- NTL191190, NTL191191, NTL191192, NTL191193, NTL191194, NTL191195, NTL191196
- NTL192210, NTL192211-NT0
- NTL221130, NTL221131, NTL221132, NTL221133, NTL221134
- NTL221140
- NTL221150, NTL221151
- NTL221162, NTL221163, NTL2211640, NTL2211641

### Commercial X22i Models:

- NETL277190, NETL277191
- NTL290164, NTL290165
- NTL292210, NTL292212, NTL292213, NTL292215, NTL29221-NT0

### Commercial X32i Models:

- NTL39019
- NTL392210, NTL392213, NTL392214, NTL392215, NTL392216, NTL39221-NT0

## 3. What's in the Box

Your package should contain the following item:

- One (1) camicinta 428528 Incline Motor Controller (Model ZG0279)

## 4. Installation Instructions

**Important Safety Notice:**

Installation of this component involves working with electrical parts of a treadmill. It is highly recommended that installation be performed by a qualified technician. If you choose to perform the installation yourself, proceed with extreme caution and ensure the treadmill is unplugged from the power source before beginning any work.

This product does not include detailed step-by-step installation instructions. For visual guidance, it is recommended to search for and watch online installation videos specific to replacing incline motor controllers on NordicTrack Commercial Series treadmills on platforms like YouTube. Ensure the video content matches your specific treadmill model and the part you are replacing.

The controller features multiple connection ports and mounting points designed to match original specifications for straightforward replacement. All products are tested before leaving the factory to ensure functionality.

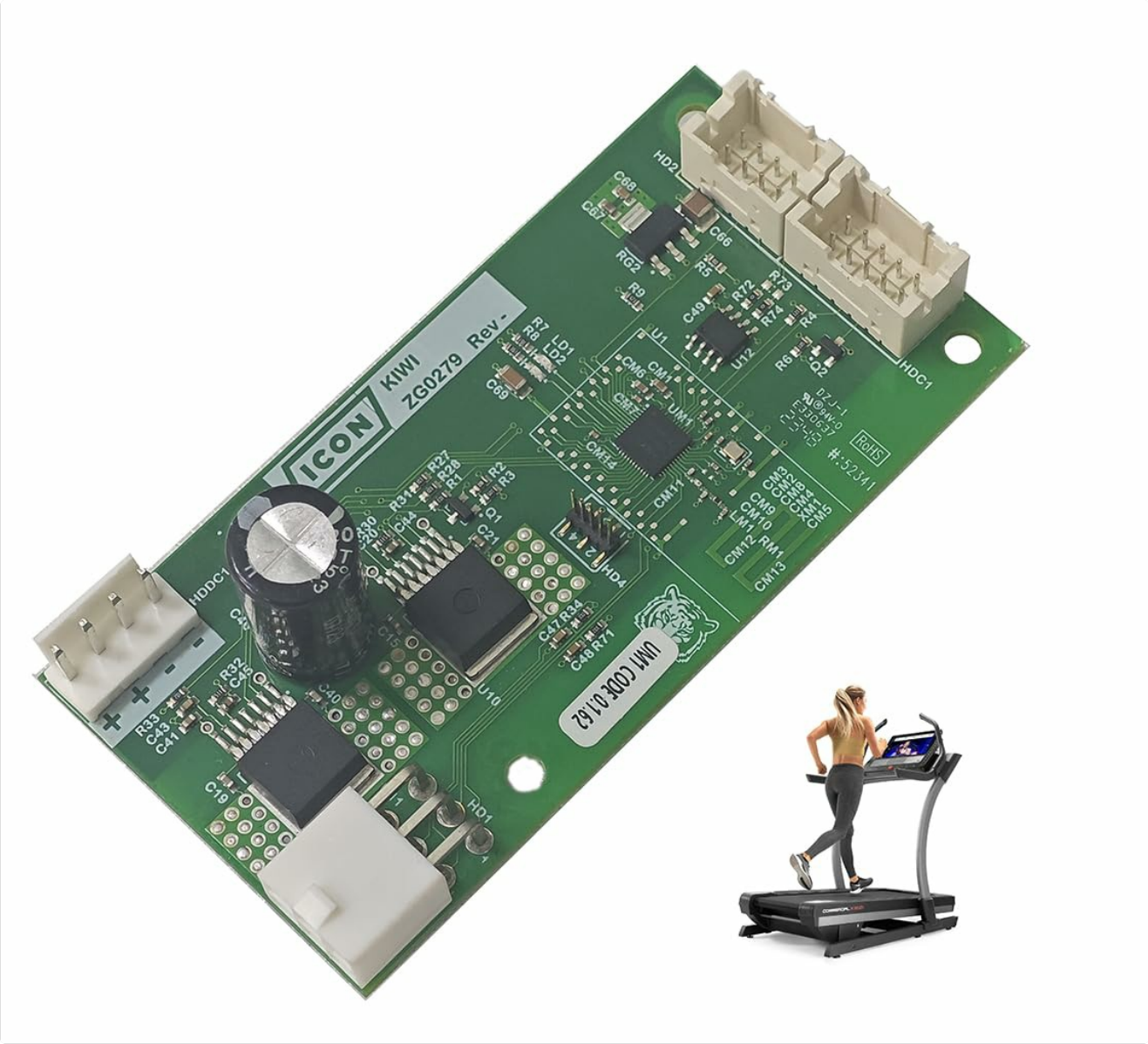



**Image 4.1:** Top-down view of the camicinta 428528 Incline Motor Controller. The green circuit board features various electronic components, including capacitors, resistors, and integrated circuits. Connectors are visible along the edges for power and signal connections. A small graphic of a person running on a treadmill is included for context.

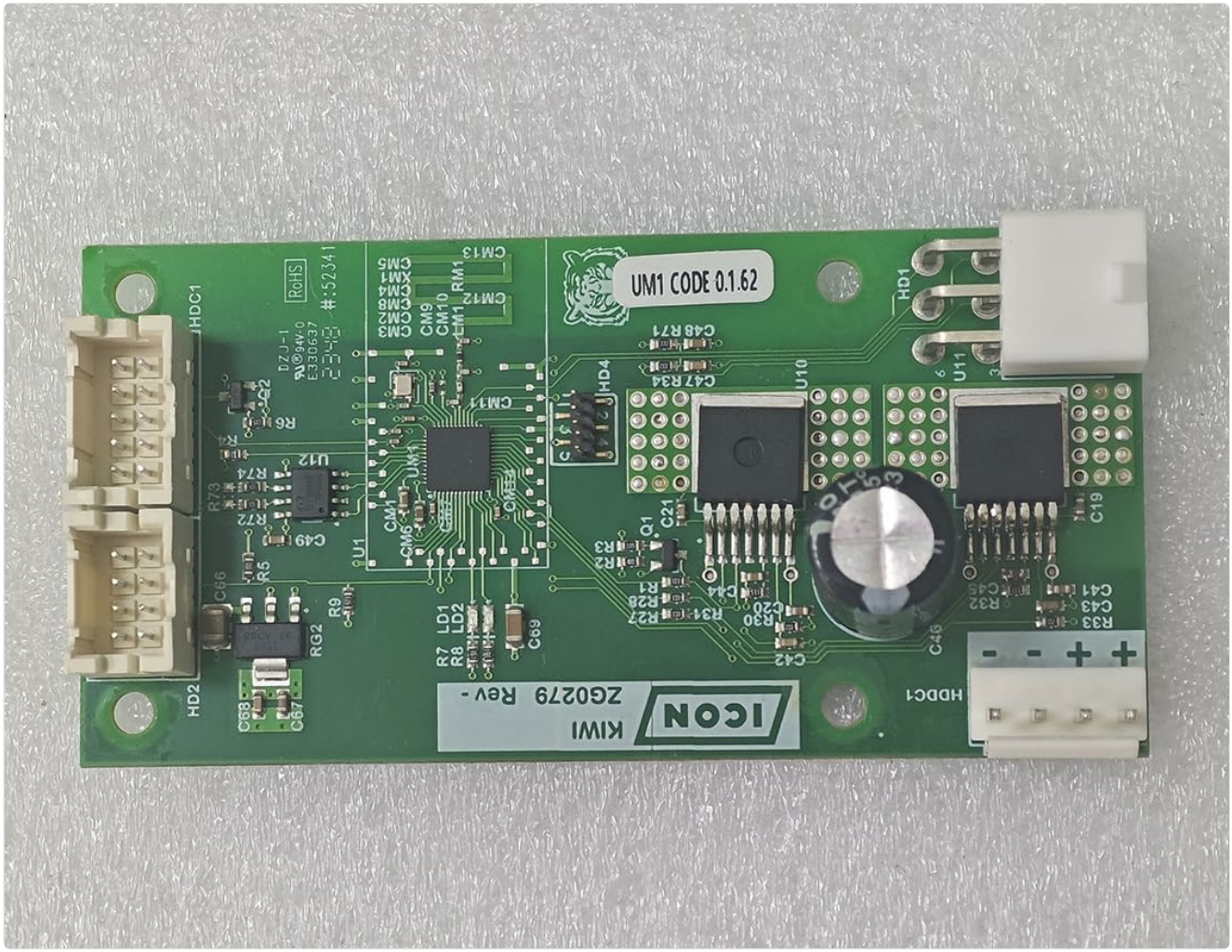



**Image 4.2:** A detailed close-up of the camicinta 428528 Incline Motor Controller. This view highlights the intricate circuit design, including the "ICON KIWI ZG0279 Rev-" marking, various chips, and solder points. The white plastic connectors for wiring are clearly visible on the left and top edges.

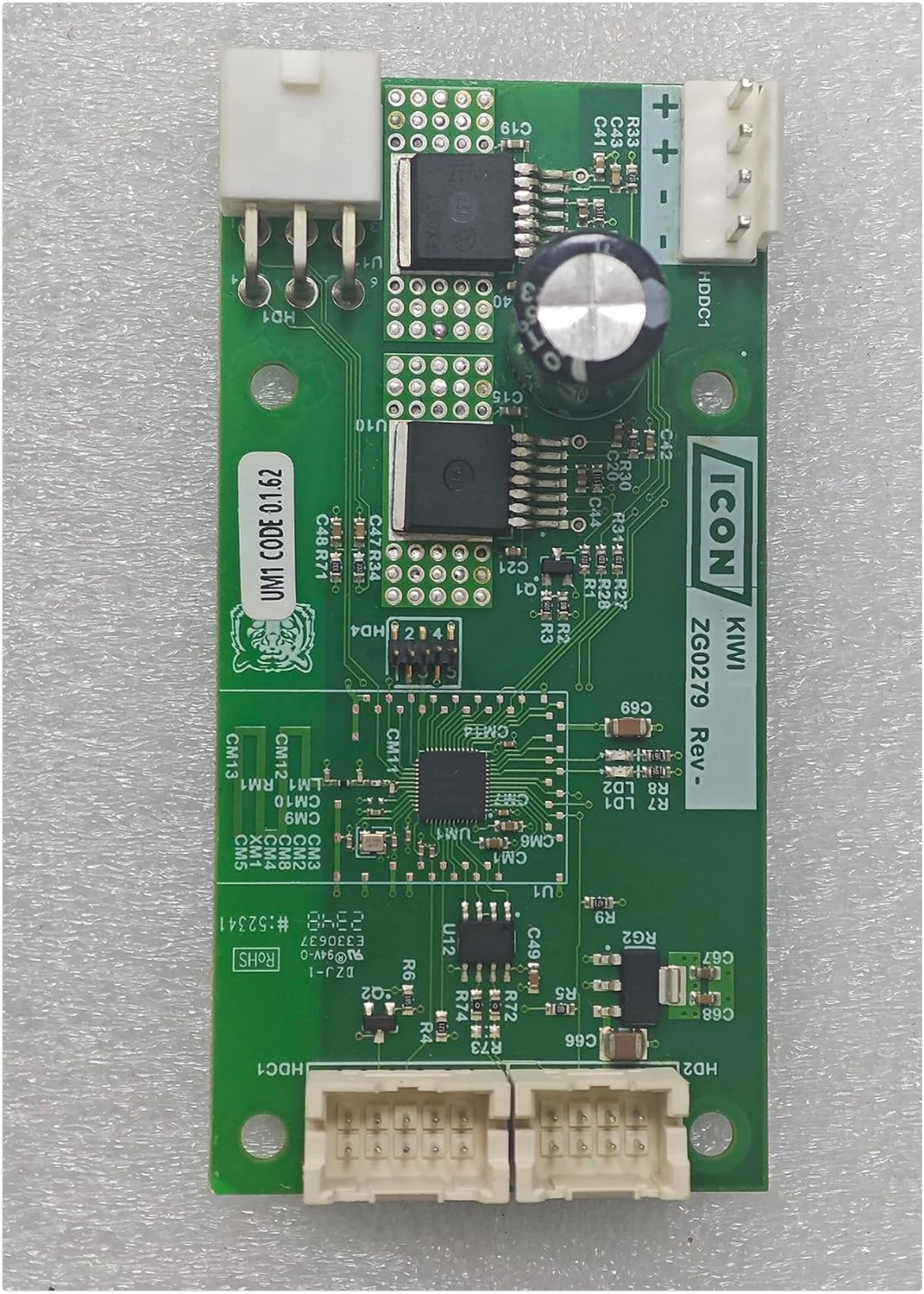



**Image 4.3:** A vertical orientation view of the camicinta 428528 Incline Motor Controller. This perspective provides another angle of the circuit board, showing the arrangement of components and connectors. The "UM1 CODE 01.62" label is prominent, indicating firmware or version information.

## 5. Operation

The incline motor controller is an internal component responsible for regulating the treadmill's incline and decline functions. It receives signals from the treadmill's main console and translates them into motor movements, adjusting the deck's angle. Once correctly installed, the controller operates automatically in conjunction with the treadmill's existing control system.
Proper operation is indicated by smooth and responsive changes in the treadmill's incline level when adjusted via the console controls. If the incline motor does not respond or moves erratically after installation, refer to the troubleshooting section.

## 6. Maintenance

The incline motor controller itself typically requires no routine maintenance. However, to ensure its longevity and the overall performance of your treadmill, consider the following general maintenance practices:

- **Keep the Treadmill Clean:** Regularly clean the area around the treadmill and its internal components to prevent dust and debris buildup, which can affect electronic parts.
- **Ensure Proper Ventilation:** Make sure the treadmill's motor compartment has adequate airflow to prevent overheating of electronic components, including the incline controller.
- **Inspect Wiring:** Periodically check all wiring connections for looseness or damage. Loose connections can lead to intermittent operation or component failure.
- **Avoid Liquid Exposure:** Protect the treadmill from any liquid spills, as moisture can severely damage electronic circuit boards.

## 7. Troubleshooting

If you experience issues with your treadmill's incline function after replacing the controller, consider the following:

- **No Incline Response:**
    - Verify all connections to the new controller are secure and correctly seated.
    - Check the incline motor itself for power and functionality. The issue might not be the controller.
    - Ensure the treadmill's main power is connected and the safety key is in place.
- **Erratic Incline Movement:**
    - Re-check all wiring for proper connection and ensure no wires are pinched or damaged.
    - Confirm that the correct controller model (ZG0279 or compatible replacement) has been installed for your specific treadmill model.
- **Error Codes:**
    - Consult your treadmill's original user manual for specific error codes related to incline motor or controller issues.

Many factors can cause treadmill malfunctions. It is important to accurately diagnose the problem before replacing parts. If troubleshooting steps do not resolve the issue, professional assistance from a certified treadmill technician is recommended.

## 8. Specifications

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|---|---|
| **Brand** | camicinta |

| | |
|---|---|
| **Model Name** | Kiwi ZG0279 |
| **Item Model Number** | ZG0279 |
| **Replaces Part Numbers** | 428528, 424106, ZG0279 |
| **Material** | PCB (Printed Circuit Board) |
| **Voltage** | 110 Volts |
| **Item Weight** | 4 ounces |
| **Package Dimensions** | 4 x 3 x 1.5 inches |
| **Manufacturer** | camicinta |

## 9. Warranty and Support

For information regarding product warranty or technical support, please refer to the retailer or manufacturer's official website. Keep your purchase receipt as proof of purchase for any warranty claims.


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**Details**

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