

ARTIMO

Wheel Cleaning Procedure

ROSS

Wheel Cleaning Procedures

Regular wheel cleaning prevents debris buildup, maintains smooth operation, and extends the lifespan of the Artimo system. This procedure outlines the steps for cleaning both the drive and caster wheels, ensuring optimal performance and minimizing wear.

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Required Materials

Acquire the following materials before starting the cleaning procedure:

- Clean, lint-free cloth.



- Mild detergent (diluted with water) or 99% IPA (Isopropyl Alcohol)



Cleaning the Drive Wheels

Regular cleaning of the drive wheels prevents debris buildup and ensures smooth movement. Follow these steps to clean the drive wheels properly.

Preparing Artimo for Cleaning

Before cleaning the wheels, power off the unit and remove the necessary components by completing the following:

1. Power off the Artimo unit slated to be cleaned.
2. Unscrew the 4 knurled knobs, disconnect the bumper cable and remove the front dolly cover.
Note: The front dolly cowling is the one has a handle.
3. Disconnect the front dolly bumper cable.
The connector is non-latching and just requires a good tug to separate.



4. Rotate the lift to access the left and right drive wheels.
The drive wheels are the large 8in wheels that do not rotate.
5. Rotate the front and back caster wheels and align them to be in the same direction as the drive wheels.
This will allow the dolly to move forward and backward for cleaning.

Cleaning the Drive Wheels

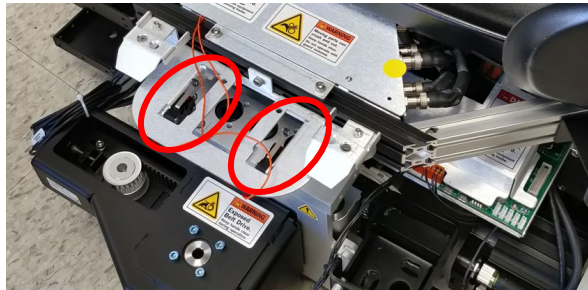
Thoroughly clean the drive wheels to remove debris and ensure proper traction and movement by completing the following:

1. Clean the floor around the drive wheels.
Clean an area enough to roll the drive wheels a quarter of a revolution. Ensure that all debris is removed along the path.
2. Clean the left drive wheel with a cloth and IPA or mild detergent.
Remove any embedded debris.
Rotate the wheel and clean and inspect the complete wheel perimeter.
3. Clean the right drive wheel with a cloth and IPA or mild detergent. Remove any embedded debris. Rotate the wheel and clean and inspect the complete wheel perimeter.
4. Contact Ross Technical Support if any wheels appear damaged (cracks, tearing, flat spots, delamination, warping, loose or play in the wheel assembly by pushing, etc)

Reassembling and Testing Artimo

Reconnect all components, restore power, and verify system functionality by completing the following:

1. Reconnect the bumper strip connector.
2. Reinstall the dolly cover and secure all 4 knurled knobs
CAUTION: Ensure the cowling clears the front switches.
The cowling may need to be coaxed over ledges around the Lidar.



3. Power on the unit.
4. Test the Smartshell connection to confirm communication.
5. Test the front bumper to confirm that it activates when pressed.

Cleaning the Castor Wheels

Regular cleaning of the castor wheels prevents debris buildup and ensures smooth movement. Follow these steps to clean the castor wheels properly.

Preparing Artimo for Cleaning

Before cleaning the wheels, power off the unit and remove the necessary components by completing the following:

1. Power off the Artimo unit slated to be cleaned.
2. Unscrew the 4 knurled knobs, disconnect the bumper cable and remove the front dolly cover.
Note: The front dolly cowling is the one has a handle.
3. Disconnect the front dolly bumper cable.
The connector is non-latching and just requires a good tug to separate.



4. Rotate the front and back caster wheels and align them to be perpendicular to the drive wheels.
This will allow the dolly to rotate around the pax axis for cleaning.
5. Clean the floor around the caster wheels. Clean an area enough to roll the caster wheels a quarter of a revolution.
Ensure that all debris is removed along the path.

Cleaning the Castor Wheels

Thoroughly clean the castor wheels to remove debris and ensure proper traction and movement by completing the following:

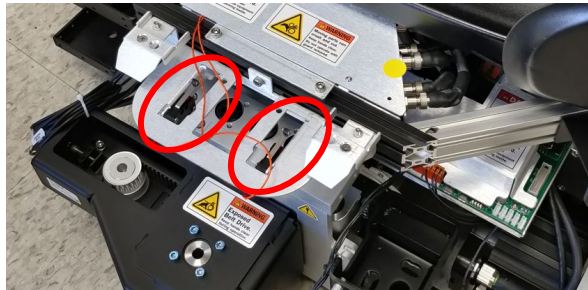
1. Clean the floor around the castor wheels.
Clean an area enough to roll the castor wheels a quarter of a revolution.
Ensure that all debris is removed along the path.

5. Clean the front caster wheels with a cloth and IPA or mild detergent.
Remove any embedded debris.
Rotate both wheels and clean and inspect the complete wheel perimeter.
6. Clean the back caster wheels with a cloth and IPA or mild detergent.
Remove any embedded debris.
Rotate both wheels and clean and inspect the complete wheel perimeter.
7. Contact Ross Technical Support if any wheels appear damaged (cracks, tearing, flat spots, delamination, warping, loose or play in the wheel assembly by pushing, etc.).

Reassembling and Testing Artimo

Reconnect all components, restore power, and verify system functionality by completing the following:

1. Reconnect the bumper strip connector.
2. Reinstall the dolly cover and secure all 4 knurled knobs
CAUTION: Ensure the cowling clears the front switches.
The cowling may need to be coaxed over ledges around the Lidar.



3. Power on the unit.
4. Test the Smartshell connection to confirm communication.
5. Test the front bumper to confirm that it activates when pressed.

GETTING HELP

- Product's Online Help system opens in your default web browser.
- Our 24-hour hotline service provides access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel.
- During business hours (Eastern Standard Time), technical support personnel are available by telephone.
- After hours and on weekends, emergency technical support is available. A telephone-answering device will provide the names and phone numbers of technical support and field service personnel who are on call. These people are available to react to any problem and to do whatever is necessary to ensure customer satisfaction. For serious issue which need urgent attention and tracking, please ensure you are given a ticket number and refer to this in future communications.
 - **Technical Support: (+1) 613-652-4886**
 - **After Hours Emergency: (+1) 613-349-0006**