USER GUIDE

For vehicle operators and passengers. Installation and electrical servicing must be carried out by qualified personnel using the separate installation manual.

1. Purpose and scope

The MODIFERO MOD-101 electric sliding step assists passenger entry to and exit from a stationary vehicle. Keep this guide accessible to vehicle operators.

2. Product overview

• 12 V DC supply; aluminium body and moving platform.

• The door switch signals the electronic control unit to extend or retract the step. The principle is the same with a manual or powered sliding door.

• There is no anti-pinch sensor, automatic obstacle detection or automatic reversal.

3. Maximum permitted load: 120 kg

• Use the step only when fully extended, stopped and securely installed. Never exceed 120 kg.

• Do not jump on the step, apply impact or concentrated loads, store equipment on it, or stand on it while it moves.

4. Essential safety precautions

• Before operating the door, clear the full step travel area of people, hands, feet, pets and objects.

• Supervise children and anyone needing assistance when boarding or exiting.

• Keep clear of the mechanism, brackets and gaps. Do not stop, push or pull the moving step by hand.

• Do not use a loose, damaged, obstructed or abnormally moving step.

WARNING: The step does not detect an obstruction or automatically reverse to prevent trapping. The operator must keep the movement area clear.

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5. Normal operation

• Door opens: the switch signals the controller and the step extends. Wait until it is fully extended and stopped before stepping on it.

• Door closes: the switch signals the controller and the step retracts. Keep the area clear throughout retraction.

• Before driving, visually confirm complete retraction. Do not drive if the step remains extended or its position is uncertain.

6. Safe boarding and exiting

• Park safely and ensure the vehicle is stationary.

• Check full deployment and remove mud, ice and other slip hazards.

• Use a suitable handhold where available and step carefully. Do not jump or use the platform while it moves.

7. Cleaning and visual inspection

• Clean and inspect according to use and environmental conditions.

• Use water, mild soap or cleaning products explicitly suitable for aluminium. Avoid corrosive, strongly acidic or alkaline cleaners, abrasives and damaging tools.

• Remove mud, sand, snow, ice and debris without reaching into the mechanism.

• Do not direct high-pressure water at the controller, wiring connectors or motor connections.

• Check for damage, loose fittings, corrosion or unusual movement. Arrange professional inspection if an issue is found.

8. Malfunctions and emergency situations

• There is no dedicated manual emergency extension or retraction procedure for users.

• If movement fails or is abnormal, stop using the step and keep people clear. Do not force it or attempt repairs, disconnection or direct electrical energising yourself.

• If the step is extended, do not drive. Seek assistance from a qualified installer or service provider. Troubleshooting is for qualified personnel using the installation documentation.

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9. Technical information

• Operating supply: 12 V DC. The installation documentation specifies a 16 A fuse for the control-unit supply. Fuse selection and electrical work are installer responsibilities.

• EMC certification concerns the electronic system. It does not, by itself, certify the complete step installation or vehicle.

10. Quick safety checklist

• Vehicle safely stationary.

• Step fully extended and stopped before loading.

• No people or objects in the mechanism travel area.

• Platform clean and free of slip hazards.

• Load no greater than 120 kg.

• Step fully retracted before vehicle movement.

11. Documentation and support

Use the separate installation manual for mounting and professional servicing, and the wiring diagram for electrical connections. Contact your installer or MODIFERO support if operation is abnormal.

→ Wiring diagram

→ Technical Support Home