



EA LIFT

Manual for safe installation and
operation

PASSENGER LIFT SOLUTIONS

Unit 2, Summit Crescent Ind. Est. West Midlands, B66 1BT, GB. +44 (0) 121 552 0660



This manual aims to provide users with all the information they require to ensure that they are able to both use the lift appropriately and are able to manage it as autonomously and safely as possible.

Before performing any operations on the lift, users and operators must carefully read the instructions given in this publication.

In the event of any doubt over the correct interpretation of the instructions, contact Passenger Lift Solutions technical department to obtain clarification.

This manual is an integral part of the lift and made available for use by the operators.

Data and drawings are indicative only, with a view to the continuous development and updating of its products, the manufacturer may modify the contents without notice.

It is prohibited to disclose, edit or use this manual for any other purposes.

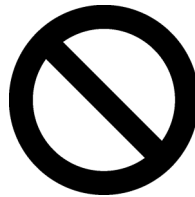
These symbols indicate IMPORTANT information used by the manufacturer and the user



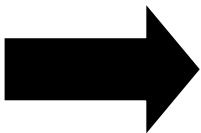
READ THIS MANUAL BEFORE USE



This symbol indicates areas that need routine maintenance



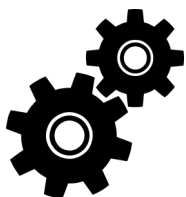
This symbol indicates improper use of the lift



indicates IMPORTANT areas for the Safe operation of the Lift



This symbol indicates that a potentially hazardous situation could occur.



This symbol indicates Operators area of responsibility.



This symbol indicates critical visual inspection point

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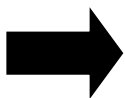
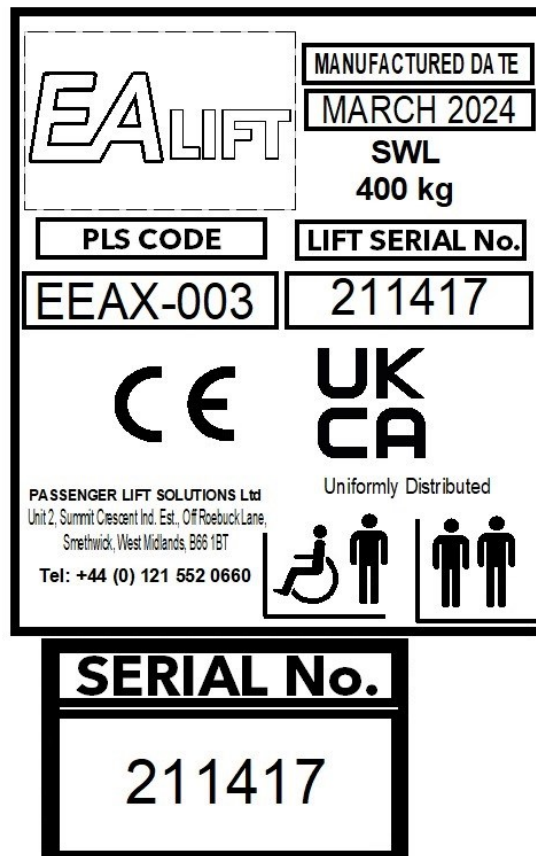


The lift device is manufactured in compliance with the relevant EC directives applicable on the date of entering the market.

The device carries a specific identification plate which, includes the CE marking, guarantee of the compliance of the device to the directives / standards referred to the Declaration of Conformity.

The plate, an example of which is shown here, includes the data indicating the specific model and unit.

NOTE: the Lift Serial Number is required for ALL correspondence with the factory.



**REMOVING OR TAMPERING WITH THE IDENTIFICATION PLATE
WILL VOID ALL WARRANTY**

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The lift owner is the person who purchases the product, and/or oversees its use, this person is legally responsible for the lift's safe use.



The accompanying person, also known as the operator is responsible for the safe operation of the lift.

The operator is individually responsible for the safe use and maintenance of the lift.

The lift owner is responsible for allowing access to this manual on the PLS website, ensuring that it is read and fully understood by all potential lift operators before operating the lift.

No operator will use the lift if they believe that it is unsafe and by doing so could injure themselves or others.

Warranty

Full warranty Terms and Conditions can be found at:

<https://passengerliftsolutions.com/warranty/>

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The operator must be fully trained in all the operation aspects of the lift such as the transportation of people with reduced mobility (PRM)

PHYSICAL

Possess the required physical qualities / characteristics to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Good hearing & eyesight
- Physically capable of performing all operational functions of lift
- Not impaired by the consumption of legal and/or illegal substances (such as alcohol and / or drugs)

EMOTIONAL

Possess the required emotional qualities / characteristics to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Work in a calm & safe manner so to prevent stress from impairing good judgement.
- To be emotionally stable during normal or abnormal situations

MENTAL

Possess the required mental qualities / characteristics to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Understanding & application of the safety rules and procedures while being constantly aware and pro-active to ensure the safety of operator, consumer and nearby people.
- Have the knowledge / skills to perform as an assistant and/ or operator in all aspects of lift operation, e.g. the safe transportation, loading and unloading of disabled and other passengers.

TRAINING

Possess the required training to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Completed operational training supervised by an experienced operator or Passenger Lift Solutions in an environment which is safe and controlled. Such supervised training should allow the trainee to gain working experience in all operation aspects of the lift.

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Before operating Passenger Lift: fully familiarise yourself with the lift controls, relevant safety procedures and possible hazards, signified by warning labels or highlighted in your Operators Risk Assessment

Lift safety:

- Only an authorised fully trained operator must control the lift.
- Ensure the vehicle doors are secured fully open, well clear of the lift platform.
- Keep within the stated maximum safe working load (SWL).
- Keep people away from the operating area (inside and outside the vehicle).
- Ensure the platform is always level (horizontal, not more than 5%).
- NEVER leave the lift unattended at ground level if passengers are onboard.
- When the lift is not in use controls should be deactivated.
- Ensure that the lift is correctly stowed after loading.

Operators ensure that:

- Lift will lower to firm, level ground
- Scooter or powered wheelchair is not larger than the lift platform in any direction
- Tail lift is in a FULLY operational condition..
- Lift Inner Barrier lands flat onto transfer
- Lift Outer, External Barrier vertically (vertically upright) and fully operational
- Accompany the passenger on the lift if possible, but do not overload the lift.
- You have a clear view of the lift platform before the passenger moves onto it.
- NEVER leave passengers unattended at any time.
- The passenger should not be required to operate ANY controls.

Loading and Unloading Procedure

- Explain to passenger the sequence of movements that will occur.
- Where possible passenger should dismount scooters and board vehicle separately.
- Ensure that the lift platform and area around the lift are free from obstruction.
- Ensure that the lift platform is in the correct position before moving onto it.
- Ensure the correct equipment is supplied.
- It is preferable that the passenger transfers to the static vehicle seats and seat belts.
- Secure wheelchair and occupant within the cabin.
- Scooters should be pushed onto the lift platform, NOT DRIVEN.
- Ensure that persons or equipment do not overhang the platform.
- Scooter brakes are applied BEFORE lift begins motion (or wheels blocked).
- All power to scooter is turned OFF.
- Operate lift platform to vehicle floor.
- Scooters must be pushed off the lift platform, NOT DRIVEN.

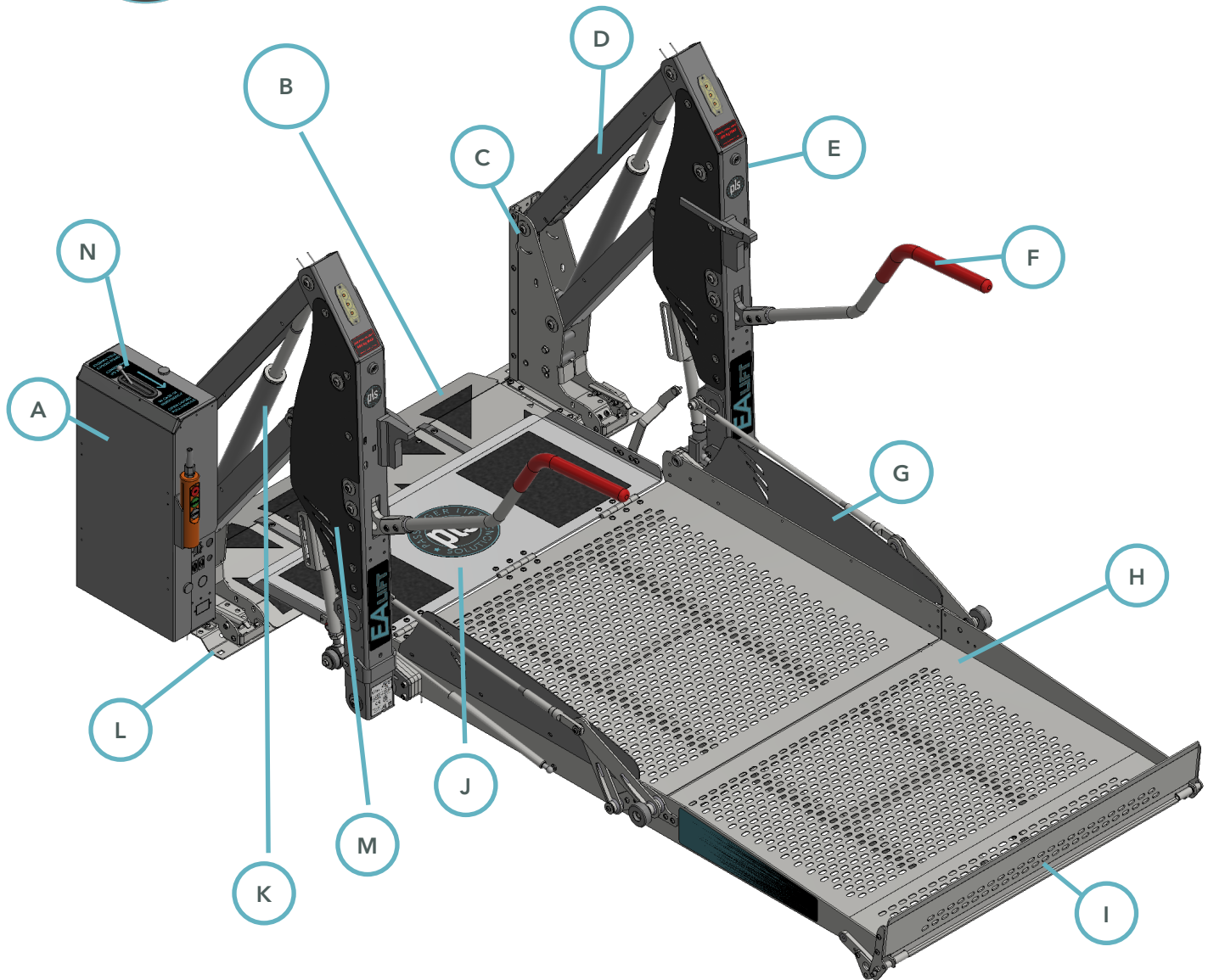
Please note: The transportation of scooters and large powered wheelchairs may require a NON-STANDARD tail lift size or specification. Where possible PLS can provide longer, wider platforms, and higher roll-off ramps, to help combat the increased hazards related to larger passenger vehicle transportation

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Lift Familiarisation



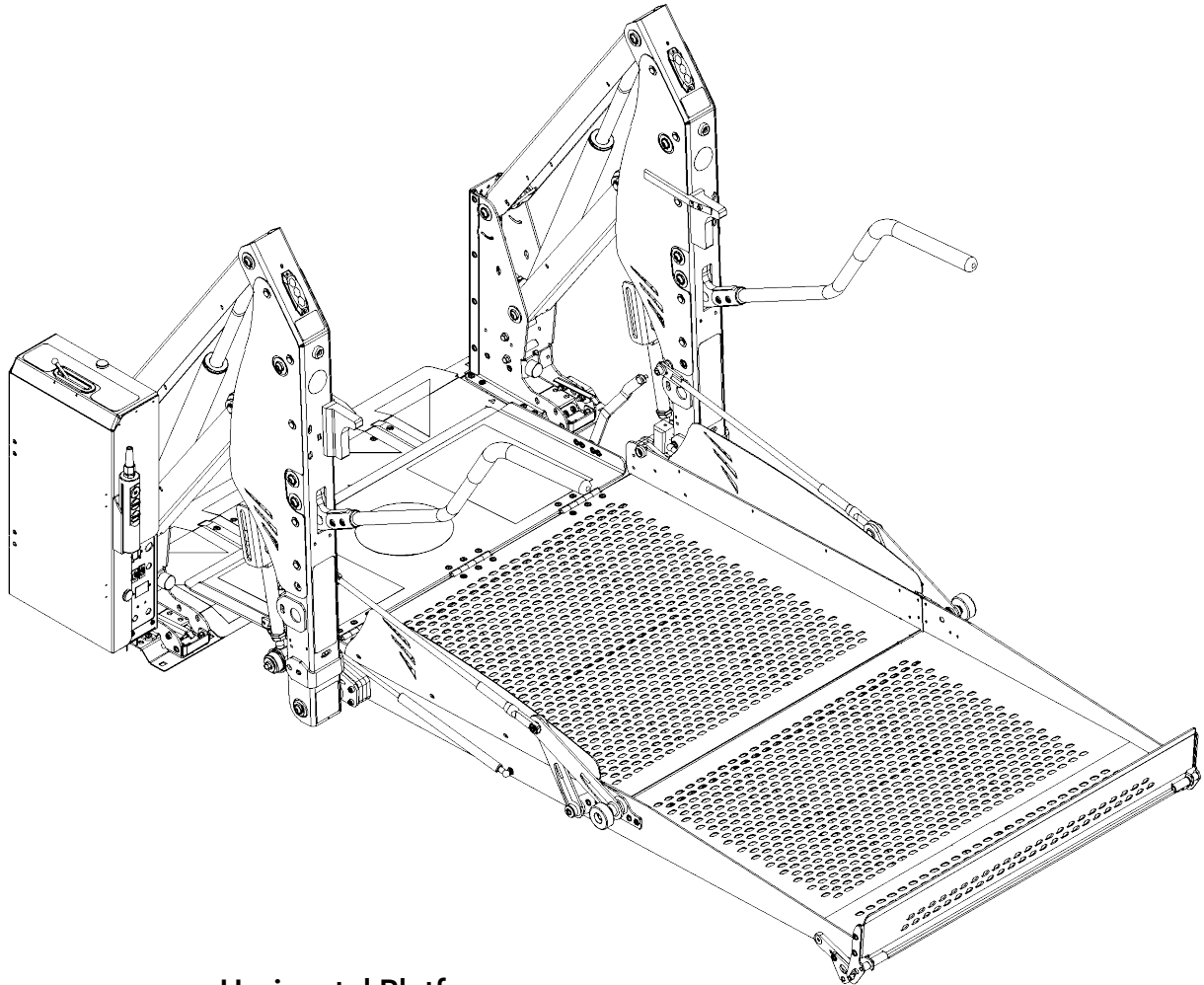
A	Power Pack	H	Platform
B	Transfer (Threshold) Plate	I	Outer Barrier (Roll Off Ramp)
C	Tower	J	Inner Barrier (Bridge Plate)
D	Lifting Arms	K	Lifting Cylinder
E	Outer Arm	L	Base Plate
F	Handrails	M	Arm Guard
G	Platform Guards	N	Manual over-ride handle

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Horizontal Split Version



Horizontal Platform

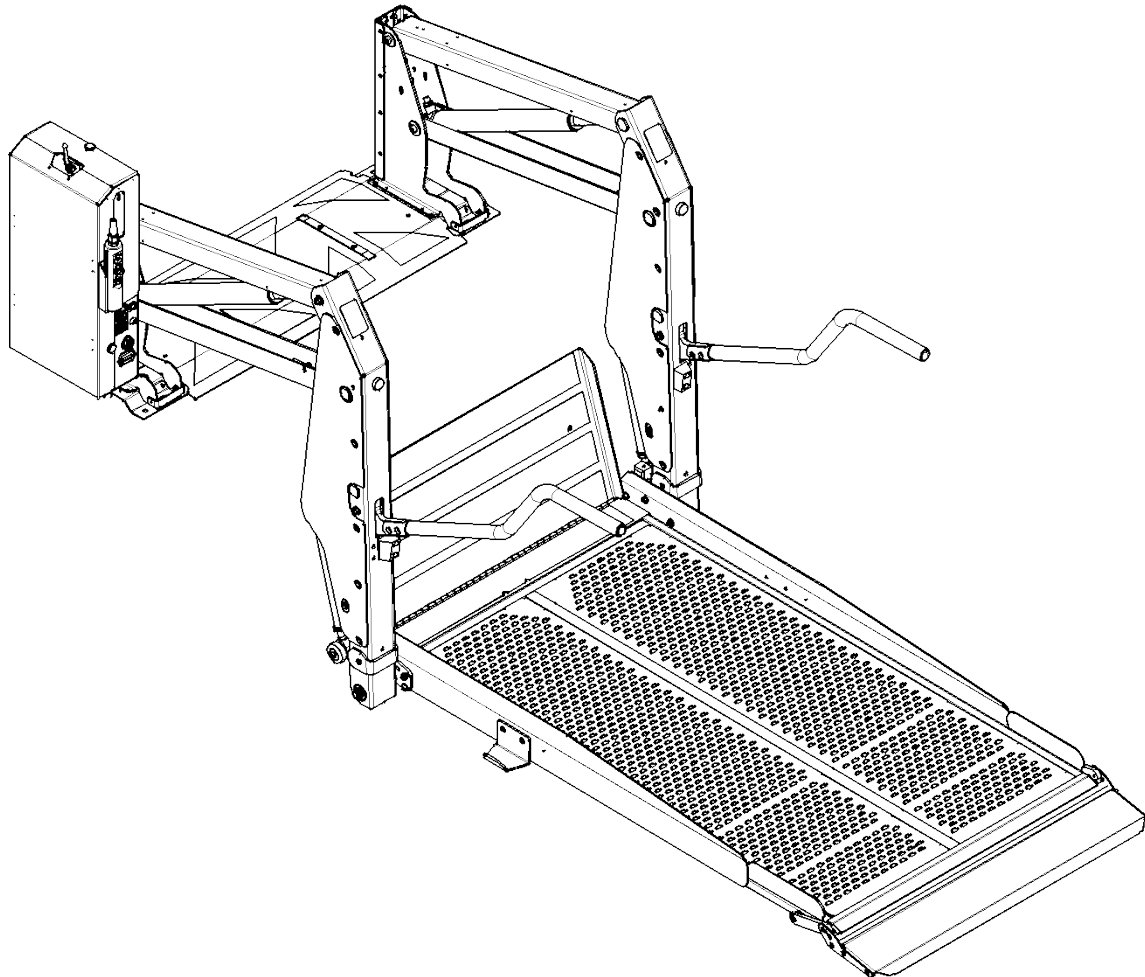
	Platform Width	Platform Length
H1310745	745	1310
H1310905	905	1310
H1510805	805	1510
H1510865	865	1510
H1510905	905	1510
H1610905	905	1610

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Solid version



Solid Platform

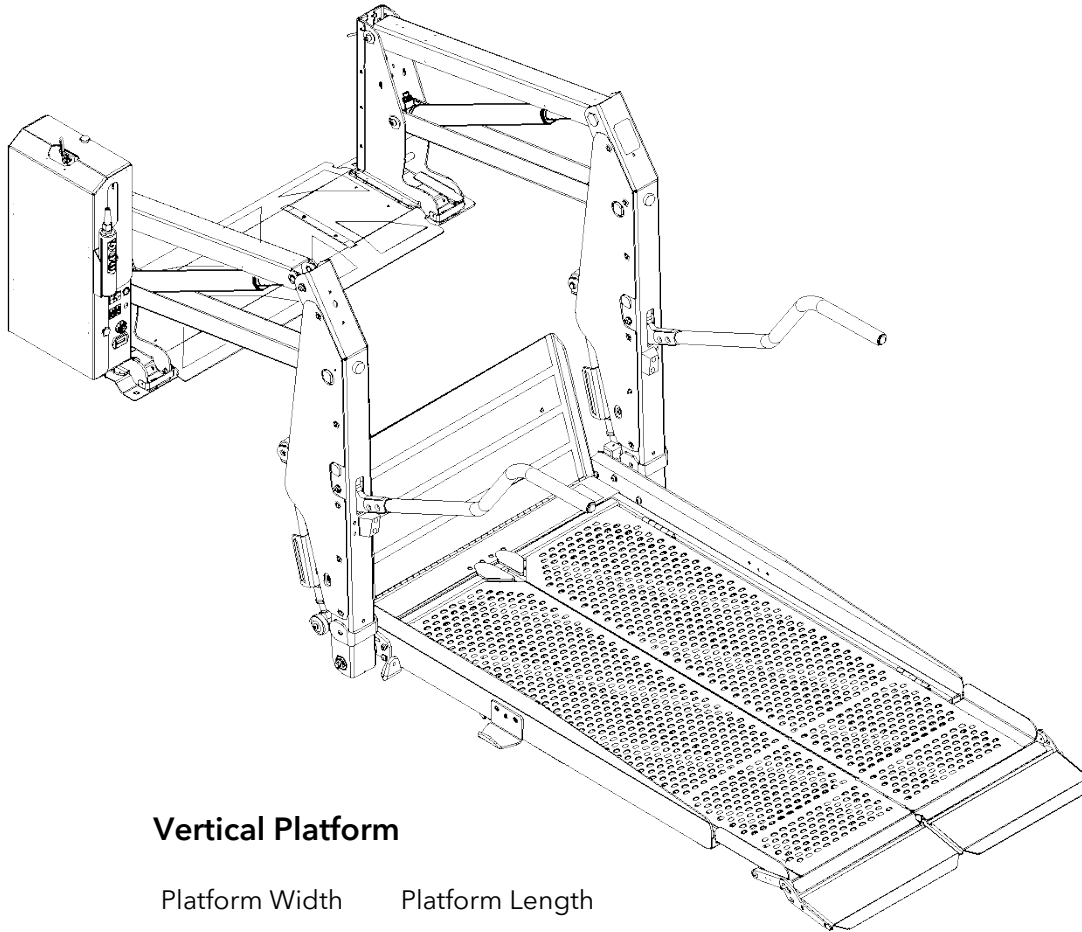
	Platform Width	Platform Length
S1300915	915	1300
S1300815	815	1300
S1500875	875	1500
S1500915	915	1500
S1600915	915	1600

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Vertical Split version



Vertical Platform

	Platform Width	Platform Length
V1300815	815	1300
V1300915	915	1300
V1450815	815	1450
V1450915	915	1450
V1500815	815	1500
V1500875	875	1500
V1500915	915	1500
V1600815	815	1600
V1600915	915	1600

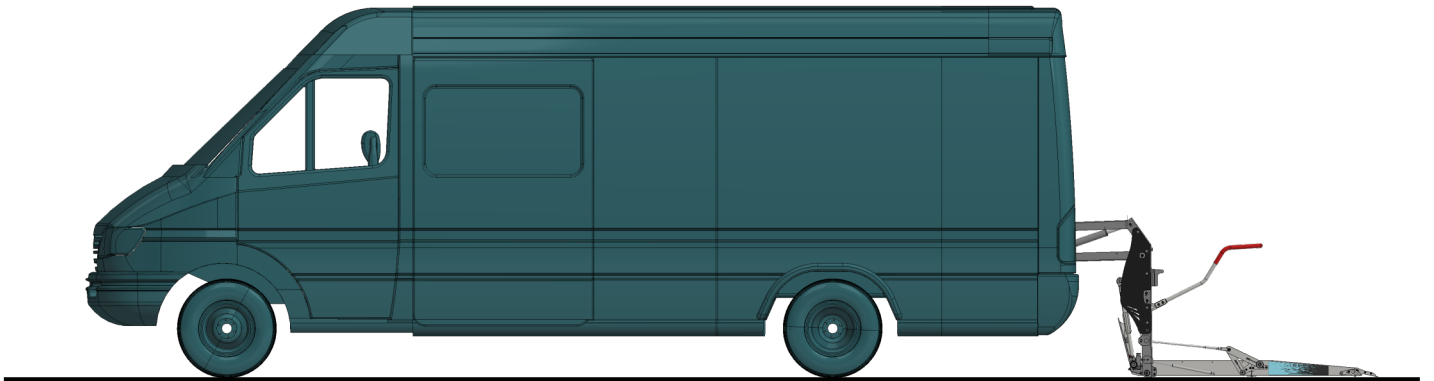
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Intended Use

This passenger lift intended for installation into vehicle that is designed for transportation of people with reduced mobility. This lift must only be used by an authorised and trained operator who possesses the requirements to safely perform its operation.



Anything that is not specifically referred to in **THIS SECTION is considered IMPROPER USE**



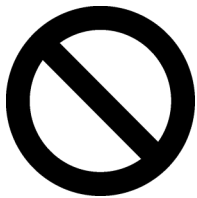
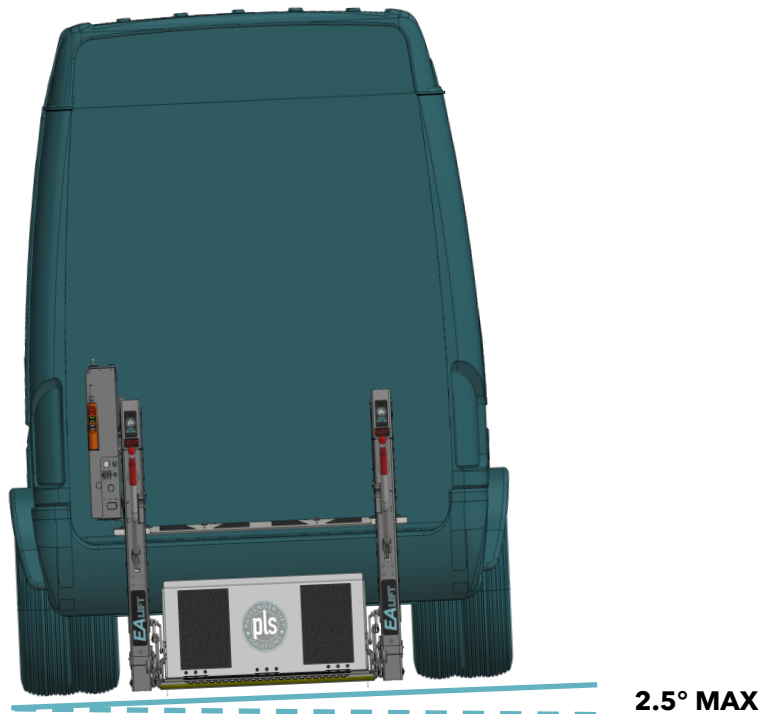
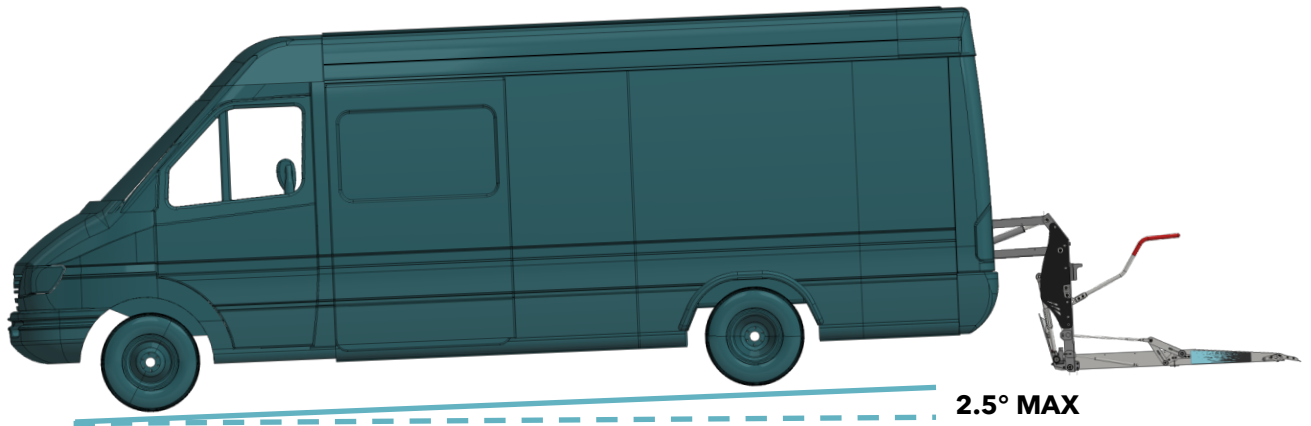
THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE CAUSED TO PERSONS OR PROPERTY OR THE LIFT ITSELF DUE TO ANY USE OTHER THAN THAT DESCRIBED IN THIS MANUAL

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Improper Use



DO NOT attempt to climb onto or step off the lift while it is moving

It is advisable to use the lift on flat and level ground

DO NOT use at an angle more than 2.5 ° from level in any direction

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Intended Use

The lift is designed to transport:



A person with reduced mobility, with or without an attendant, within a size not larger than the width and length of platform space available, or weight greater than the stated SWL capacity.

Or:



The operator should not use the lift to transport more than two walking passengers. The lift is not designed to transport more than this and may be dangerous to do so.

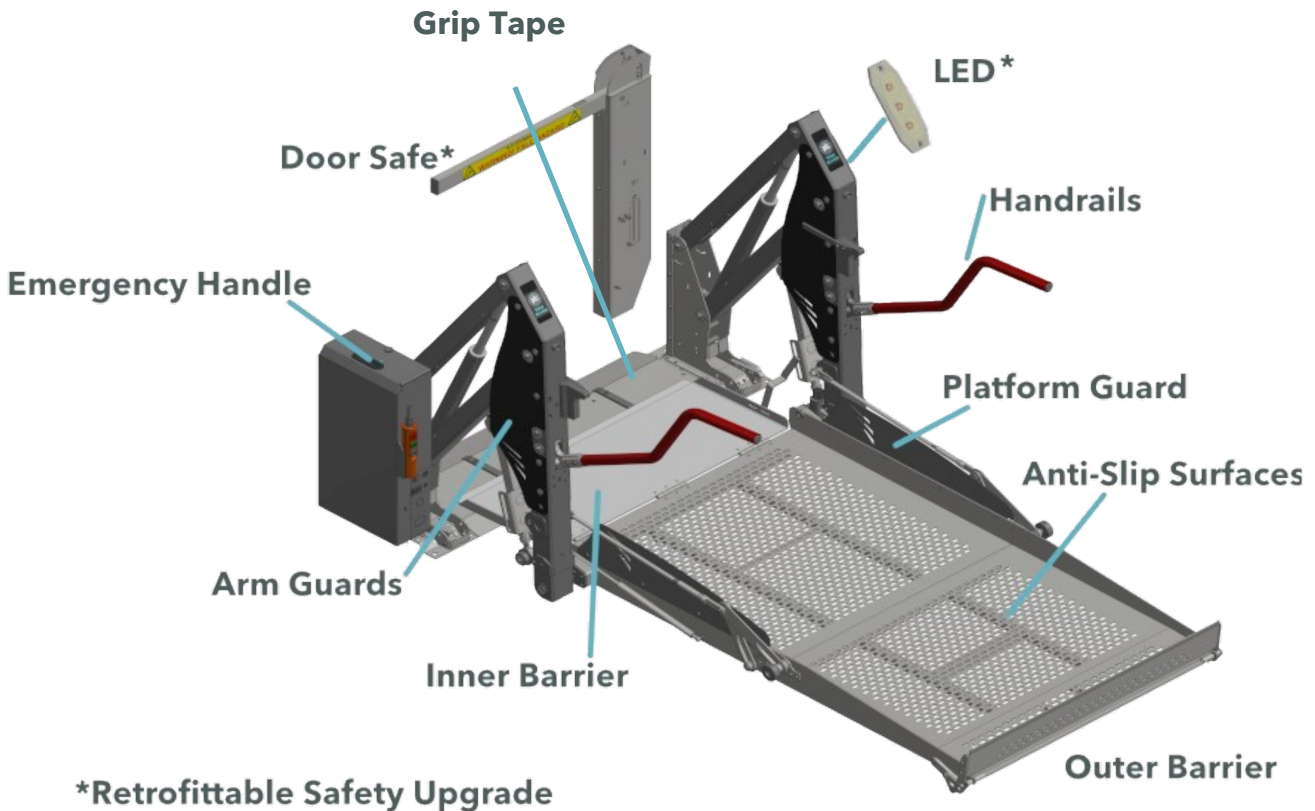
The passengers may also require extra space for other mobility equipment.

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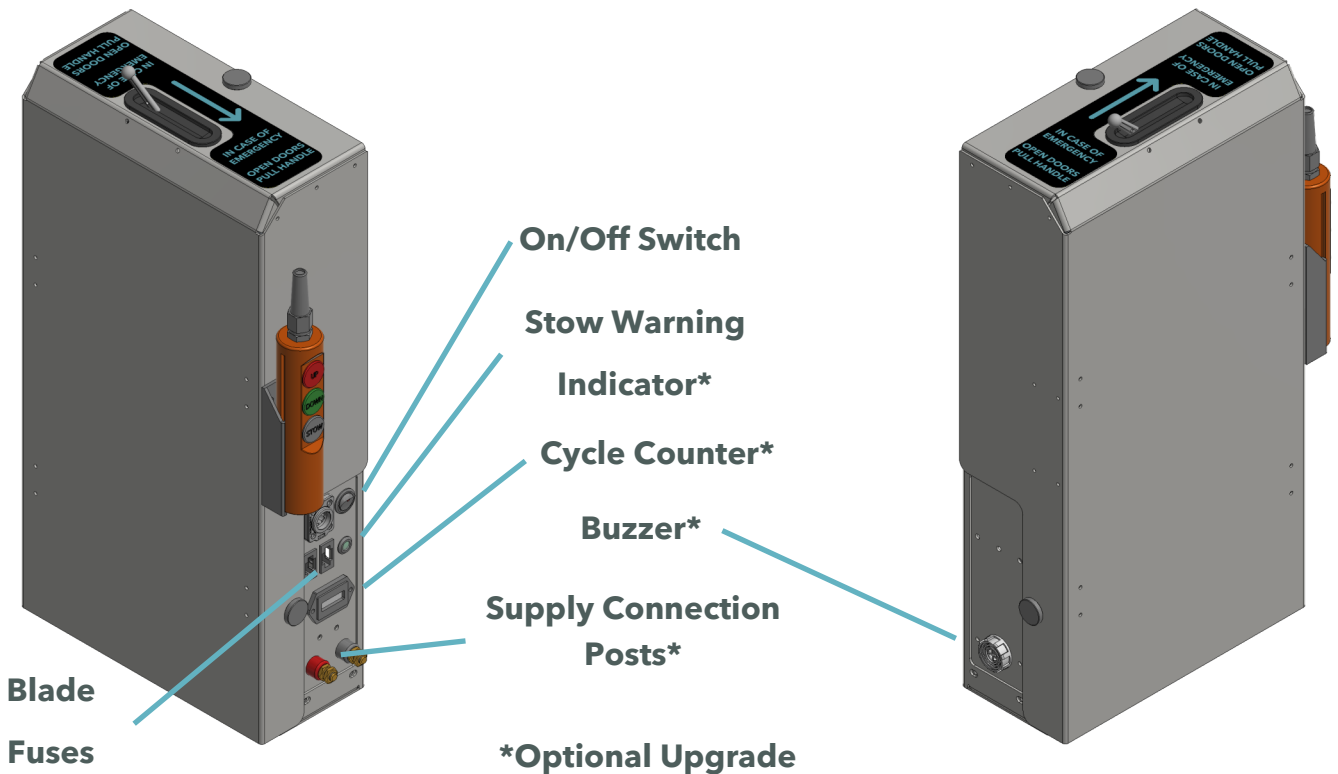
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Safety Devices



***Retrofittable Safety Upgrade**



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