



drive



Expedition Plus Transit Wheelchair
EXP002SIL, EXP002SILHD

Instructions for use

Introduction

Thank you for choosing an Expedition Plus Transit Wheelchair from Drive DeVilbiss Healthcare Ltd.

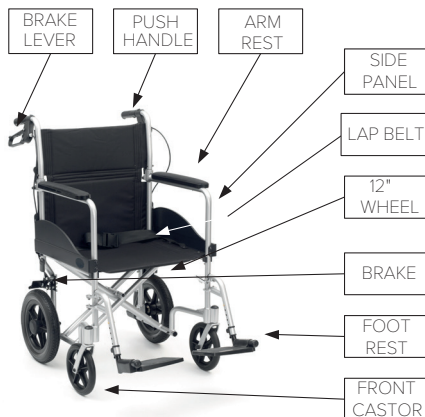
Ensure that you read these instructions fully before using the product.

The wheelchair is ideal for a carer or attendant to transport a user, both indoors and outdoors. The wheelchairs are available in 42cm and 51cm seat widths and are suitable for a single user, The EXP002SIL wheelchair can support users up to 135kg (21 stone) and the EXP002SILHD wheelchair can support users up to 150kg (23.5 stone).

Parts description



Transit model
EXP002SIL



Transit model
EXP002SILHD

Preparing for use

These instructions should be read carefully before using the wheelchair.

This product does not have a service manual. The only parts for user assembly are the footrests.

A risk assessment must also be performed to assess suitability of the device for the user. This assessment should include, but not be limited to:

- Small adults (and children)
- Users (and attendants) who lack capacity
- Very active occupants
- Unauthorised access to the wheelchair

Independent users and attendants are responsible for determining that they are both mentally and physically capable of using the wheelchair with minimal risk of harm.



Maximum occupant mass

Exceeding the maximum occupant mass marked on your device can damage the product and put users at risk of harm.

Remove all packaging and stand the wheelchair on the ground. Separate the arm rests to open the wheelchair, then push down firmly. Once the seat is secure, the backrest is upright and the footrests are attached (see overleaf), the wheelchair is ready for use.



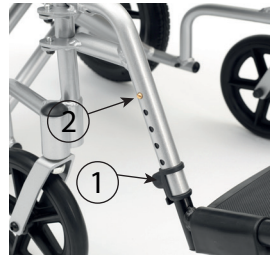
Warning

This wheelchair must not be used as a seat in a motor vehicle. Users should always transfer to the vehicle's seat and the wheelchair should be safely stowed away.

Footrest adjustment

To fit the footrests, place the brackets onto the pins either side of the wheelchair frame and rotate inwards until they lock into place. Pull the tabs inwards to release.

For optimum comfort it is important to attain the correct leg position. The footrests have been designed so they can be extended into one of 5 fixed lengths.



To change the height, flip up the anti-rattle collar lever (1) and then press in the push buttons (2). Adjust the legrests to the required height and ensure that the push buttons click into place. Flip the anti-rattle collar downwards.

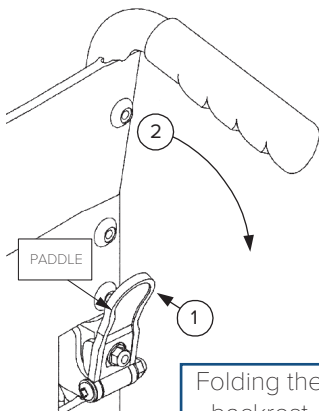
Ensure that both footrests are set to the same height.



Common misuse

Do not stand on the footrests. Overloading can damage the product and cause harm to the occupant.

Folding back mechanism



To fold the backrest, push the black paddle towards the back post with your thumb (1) whilst pulling the handle down (2) as shown in the [folding the backrest](#) image. Repeat this operation for the other handle.

To put the backrest back into position, lift both handles together and the folding mechanism will lock back automatically.

Do not push down on the handles to raise the front of the wheelchair, as this could result in damage to the wheelchair. To mount kerbs and steps, reconnect the backrest and use the stepper tube as described in the [steep terrain, kerbs and steps](#) section.



Common misuse

The paddle is intended to be pushed. Do not pull the paddle to fold the backrest.

Transfer and use



Before using the wheelchair, read the safety notices below;

- Do not exceed the 10° maximum gradient. Use slow speeds and do not reverse down a gradient.
- Do not use on escalators.
- The wheelchair is only suitable for single occupancy.
- Keep your feet on the footrests when moving. Do not stand on the footrests.
- Ensure that fingers and objects do not get caught in the wheel spokes or any other moving parts during use and assembly.
- Maintain proper balance at all times. Users should not move their centre of gravity out of the seating area.
- Do not reach for items further than your arm's length.
- Parking brakes should always be applied when transferring.
- Be aware of hazards in your environment, such as narrow doorways, steps, household appliances, children's toys, etc.
- A risk assessment must be performed by a competent person to ensure the wheelchair is suitable for the user.
- Keep away from heating and ignition sources which may raise surface temperatures or cause a fire.

Transfer: When transferring in and out of the seat, move the seats as close as possible to each other. Attendants should engage parking brakes and fold away footrests. If users need to be lifted out of a seat, attendants are responsible for being suitably trained and competent to lift occupants with minimal risk of harm. Good health and safety practice must always be used.

Propelling: The attendant should push from behind using the handgrips, and following the safety advice above. Transit models can only be propelled by an attendant.

When stationary, the brakes should always be applied.

Steep terrain, kerbs and steps

Steep terrain: These wheelchairs are not designed for use on gradients beyond 10°. When on a slope, avoid swerving or sudden changes in movement.

Over kerbs: Attendants push down on the stepper tube with a foot to raise the front castors (when mounting a kerb for example).



Common misuse

Do not lean or push down on the push handles, as this can damage the wheelchair.

To mount, approach the kerb head-on. Then the attendant uses the stepper tube to raise the front castors, and lowers the front castors on the raised kerb. Finally the attendant should push the wheelchair forward, lifting it up slightly to mount the kerb if required.

To go down, line up the front castors with the edge of the kerb. The attendant uses the stepper tube to raise the front castors and tip the user slightly back. Keeping the castors raised, slowly lower the wheelchair down the kerb.

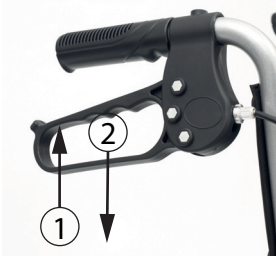
Multiple steps: The wheelchair is not designed to mount staircases, so may require carrying if no elevators or ramps are available. Attendants are responsible for being suitably trained and competent to lift the wheelchair with minimal risk of harm. Do not carry using the handles or any removable sections.

Brake operation

Parking Brakes

To apply the parking brakes, push the handle on the brake unit until locked in place. To release the brake, pull the handle in the opposite direction. The brakes should always be applied when the wheelchair is stationary.

Operating
the brakes



Cable Brakes

The attendant pushing the wheelchair may use cable-operated brakes to slow or park the wheelchair.

To slow the wheelchair, squeeze the levers up (1) and the brakes will be applied until the levers are released. Ensure both levers are pulled simultaneously to ensure the wheelchair travels in a straight line.

To operate the temporary parking brakes, push the levers down (2) to lock the brakes on. Pull the levers up to release the brakes.

Using a wheelchair belt

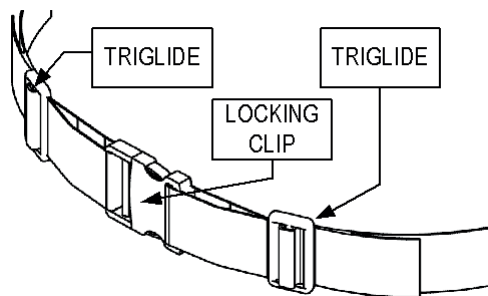
Belts are often used to restrain wheelchair occupants during normal use. However, belts are not necessary parts of this device. Any belts used should be adjusted to suit each user. When fastened, they should be tight without causing discomfort or undue pressure. Belts may not be suitable for all users. Seek professional medical advice before using a wheelchair belt. Lap belts come as standard with these wheelchairs.

Lap belts

Lap belts are secured around the user's pelvis to help keep their hips and pelvis towards the back of the seat. If lap belts are attached to this product, they must not be used as a substitute for a seatbelt in a motor vehicle.

The RT-716 lap belt provided by Drive DeVilbiss Healthcare Ltd (shown below) is for these wheelchairs. The length of the belt can be adjusted using the tri-glides (as shown in the diagram) and it has a large luggage-style locking clip to fasten and unfasten the lap belt.

There is a risk of suffocation from users 'submarining' (where they slide down the chair until the lap belt is around the neck area). To reduce the risk of this, ensure appropriate belts are fitted, occupants are under supervision and the belts are used in line with the manufacturer's instructions for use.



RT-716 Safety Strap
Lap Belt (from Drive
DeVilbiss Healthcare Ltd)

Disassembly and storage

This wheelchair has a number of quick release components and the wheelchair frame is easily foldable. This facilitates a light carry weight and minimises storage space required. To disassemble for storage, transport or maintenance, follow the steps below. To reassemble components, reverse these instructions.

1. Half Folding Back

Follow the previous instructions to fold the back.

2. Footrests

Follow the previous instructions to remove or swing out the footrests.

3. Folding the wheelchair

Grab the centre of the front and rear edges of the seat sling.
Pull upwards on the seat sling and the wheelchair should naturally fold up.

Note: The wheelchair may be folded and stored in a motor vehicle.

The wheelchair should be stored in a dry environment, away from direct sunlight.

Care and maintenance

Do not use a damaged or badly worn wheelchair. Users should routinely check for any malfunctions or changes in performance. See **Accessories and Spare Parts** section for approved parts available from Drive DeVilbiss Healthcare Ltd.

- Before each use of the wheelchair, the brakes and tyres should be checked. It can be folded up for storage, with the parking brakes on.
- The wheelchair should be kept clean and dust free. This can be done with a duster or damp cloth. Avoid neat bleach or abrasive surface cleaners. Leave to fully dry before reuse.
- Drive DeVilbiss Healthcare Ltd recommends that an approved service engineer maintains the wheelchair annually, and these items should be repaired, replaced, adjusted and/or lubricated if required:
 - Tyres
 - Wheel bearings
 - Castors
 - Brakes
 - Footrest locking mechanism
 - Seat upholstery
 - Back upholstery
 - Arm pads
 - Wheelchair folding mechanism
 - Half folding back mechanism
 - Back posts
- When the product has reached the end of its useful life, follow local recycling and disposal policies.

Powerpack installation



This wheelchair is suitable for some retrofit powerpacks, which allow the device to be controlled electronically. (See Powerpack example image.)

Powerpacks are not required to use the wheelchair. The mounting position will need adapting to be suitable for both the user and the powerpack used. Any installed powerpack must be used in line with the manufacturer's instructions for use.

For more information about powerpacks, contact Drive DeVilbiss Healthcare Ltd or your local dealer.

Specification

Model	EXP002SIL	EXP002SILHD
Maximum occupant mass	135kg	150kg
Overall length with footrest	93cm	95cm
Overall width	56cm	60cm
Total mass	12kg	12.5kg
Static stability	10°	10°
Effective seat depth	42cm	42cm
Effective seat width	42cm	45cm
Seat surface height at front edge	48cm	47cm
Overall height	96cm	99cm

Warranty

Your Drive branded product is warranted to be free of defects in materials and workmanship for one year from date of purchase. This device was built to exacting standards and carefully inspected prior to shipment. This warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the customer.

In the event of a defect covered by this warranty, we will at our option supply parts or replace the device. This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, castors and grips, which are subject to normal wear and need periodic replacement. The wheelchair frame has a 5-year warranty.

If you have any queries or require full warranty conditions, please contact your provider.

Accessories and spare parts

Drive DeVilbiss Healthcare Ltd provide accessories compatible with wheelchairs in this range. Spare parts are also available for maintaining your wheelchair.

To order these parts, contact your provider. Visit www.drivedevilbiss.co.uk to find your local stockist. Spare part catalogues, compatibility charts and other documentation can also be found on this website. Only use parts approved by Drive DeVilbiss Healthcare Ltd.

Support

For more information, or assistance with use and maintenance, please contact your provider. Users with visual, reading or cognitive disabilities should seek advice from their provider or a professional care provider for an appropriate format. For the latest version of this document, contact Drive DeVilbiss Healthcare Ltd using the details below, or check our website.

Any serious incident that has occurred in relation to the device should be reported to the manufacturer. Please quote the product serial code on all correspondence, which can be found on the wheelchair frame under the seat.

Approved service facility

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