

FORD *FREEDOM* 



USER GUIDE

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IMPORTANT NOTE

This guide describes product features and options available throughout the range of models, some of which may not presently be available in your region. Not all features in this guide will be present on your vehicle and some images could appear different to your vehicle.



fig.1



fig.2



fig.3



fig.4

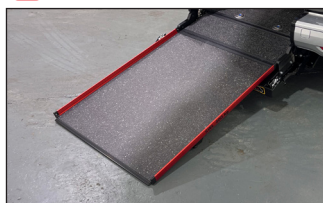


fig.5

SpaceLite™ Ramp Operation - Deploy

The SpaceLite™ ramp is a double action ramp. When not in use it can either be stored vertically at the rear of the vehicle or fold flat into the floor to allow easier access to the rear storage space.

Transfer from flat to vertical position

- A. From the flat position, pull the lever **fig.1** on the right side of the ramp to release the ramp.
- B. Lift the near edge of the ramp out of the floor **fig.2** to expose the handle on the underside **fig.3a**.
- C. Using the handle **fig.3a** pull the ramp into the vertical position **fig.3**. Once the bottom latches have engaged the ramp is secured in the vertical position.

Deploying the ramp

- D. From the vertical position, pull the lever **fig.4** on the left side of the ramp to release the ramp.
- E. Pull the ramp out towards you. The ramp will lower as you draw it out.
- F. Once fully lowered, the ramp is ready to use **fig.5**.

IMPORTANT NOTES

Do not operate both levers at the same time **fig.1** **fig.4**.

Please ensure the ramp is fully extended and rests on a stable and level surface when in use. Pay careful attention when boarding and alighting via the ramp if your vehicle is parked on a slope or a steeply cambered road, particularly when facing uphill as this increases the angle of the ramp. While the ramp surface is slip-resistant, extra care should be taken when operating in wet conditions.

When parking, leave enough room at the rear of the vehicle for wheelchair entrance and exit (approx. 3 meters to the nearest obstacle).

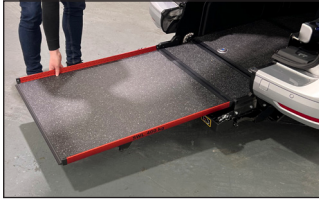


fig.6



fig.7



fig.8



fig.9



fig.10

SpaceLite™ Ramp Operation - Stow

Stowing the ramp

- A. Lift up the ramp (fig.6) and return it to the vertical position (fig.7).
- B. Latches on either side of the ramp secure it in position. Once latched, pull on the ramp to check that it is secured.

Transfer from vertical to flat position

Note: The rear retractors must be removed from the floor before the ramp can be stowed in the flat position (fig.8). **DO NOT** attempt to stow the ramp in the flat position when there is a wheelchair present in the vehicle.

- C. To stow in the flat position, pull the lever (fig.1) on the right side of the ramp to release the ramp. The ramp will fall partially into the vehicle (fig.9).
- D. Push the ramp into the floor (fig.10). If the ramp does not stand back up it has been securely latched in this position.



fig.1



fig.2



fig.3



fig.4



fig.5

Entry and Front Wheelchair Restraints

Note: For Freedom RS/Grand Freedom RSX models, please consult page 16 before beginning.

- A. Open the tailgate fully and deploy the ramp.
- B. If the rear wheelchair restraints have been stored on the floor anchors remove them by lifting the toggle while sliding the restraints off the anchors (fig.1). Set the restraints aside for later.
- C. Position the wheelchair user at the bottom of the ramp. Now press the wheelchair restraint lock/release switch located at the rear of the vehicle (fig.2).
- D. The front wheelchair restraints are located under the rear bench seats (RS/RSX) or under the front seats (RE). With the wheelchair positioned at the bottom of the ramp, pull the restraints down the full length of the ramp (fig.3) and attach them to either side of the front of the wheelchair frame (fig.4).

IMPORTANT NOTE

Don't attach the restraint hooks¹ to the wheels or any plastic or removable parts of your wheelchair. Some wheelchairs have a designated attachment point which will be marked with a  (illustrated in fig.4). In this case these points must be used when securing the wheelchair.

- E. Push or drive the wheelchair inside the vehicle (fig.5) using the winch for assistance if needed/fitted (see page 7).
- F. Once the wheelchair passenger is in place press the wheelchair restraint lock/release switch again (fig.2). When the switch is turned off (O), the restraints can retract but cannot be extended. Take up any additional slack in the straps by rolling the wheelchair backward and forward as necessary. The straps will secure the front of the wheelchair throughout the journey.

¹ Depending on preference, your vehicle may be fitted with J hooks (as shown in this guide) or webbing straps with tongue and buckle connectors.



fig.1



fig.2



fig.3



fig.4



fig.5

Electric Assist Winch

The winch system is designed to assist unpowered wheelchairs in entering/exiting the vehicle, although powered wheelchair users may still find it helpful when steering up/down the ramp and for traversing the changes in ramp gradient.

Note: It's recommended that an attendant should be present to operate the winch and safeguard against the wheelchair tipping over backwards.

- A.** The control for the winch is located at the rear of the vehicle (fig.1). To extend (fig.1a) and retract (fig.1b) the winch belt press the corresponding arrow button. Please see the bottom of page 31 if the remote operation is reversed.
- B.** When extending/retracting the winch maintain tension on the belt to avoid snagging, even when not moving a wheelchair (fig.2).
- C.** Attach to secure points on the front of the frame using the clips (fig.3). Many people prefer this to be attached beneath the footrests, although this may not be possible with all designs of wheelchair.
- D.** Manoeuvre the wheelchair into/out of the vehicle using the winch to assist in the propulsion/steering (fig.4).
- E.** When entering the vehicle, please follow the instructions on page 6, specifically step F, to prevent the wheelchair from rolling back once in the travelling position.
- F.** Once you've finished moving the wheelchair disconnect the clips and retract the winch belt (fig.5). Stow the control back in its holder (fig.1).

IMPORTANT NOTE

The safe working load of the winch will be reduced when your car is facing uphill on an incline or if any other condition has increased the ramp angle.

Powered wheelchair users: It's NOT recommended to disengage your wheelchair motors when travelling in or manoeuvring into/out of the vehicle. Disengaging the motors will prevent the wheelchair's brakes from working and could lead to an uncontrollable situation.

For this reason, the winch is unable to manoeuvre a powered chair without drive assistance from the chair.

The winch should NOT be used to secure the wheelchair while travelling. Always use the dedicated front restraints.

Rear Wheelchair Restraints

- A. Retrieve the rear wheelchair restraints. The restraints attach to the anchors at the rear of the vehicle **fig.1**. To attach the restraints, lift the toggle then slide them onto the anchors on the floor **fig.2**. Check the restraints are secure by trying to slide them off without lifting the toggle. The restraints are now fixed to the vehicle floor, ready for use.
- B. Now attach both rear restraint hooks¹ to the rear frame of the wheelchair. To extend the restraints push down on the red lever and pull the strap to the required length **fig.3**. Ensure that the restraints are fixed at approximately 45 degrees.

IMPORTANT NOTE

Don't attach the restraint hooks¹ to the wheels or any plastic or removable parts of your wheelchair. Some wheelchairs have a designated attachment point which will be marked with a . In this case these points must be used when securing the wheelchair.

- C. To secure the restraints, locate the adjusters found on the side of each restraint and turn until the straps become taut **fig.4**.
- D. The rear of the wheelchair is secure when both wheelchair restraints have been attached and tightened **fig.5**. You should now apply the wheelchair brake.

¹ Depending on preference, your vehicle may be fitted with J hooks (as shown in this guide) or webbing straps with tongue and buckle connector.

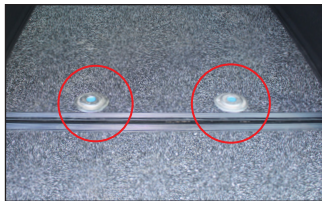


fig.1



fig.2



fig.3



fig.4



fig.5



fig.1



fig.2



fig.3

Wheelchair Passenger Seat Belt

Note: Your vehicle is fitted with one of two possible wheelchair passenger seat belts. Please ensure you follow the correct fitting instructions for the wheelchair passenger seat belt fitted to your vehicle.

You can identify which wheelchair passenger seat belt is fitted to your vehicle by following the steps below:

- A. Locate the seat belt hanging from the roof of the vehicle **(fig.1)**. It will be positioned behind the wheelchair passenger and may be fitted on the right or the left.
- B. If your wheelchair passenger seat belt is fitted with multiple tongues like those in **(fig.2)** please follow the instructions for Wheelchair Passenger Seat Belt: [Grand] Freedom RS/R SX & Freedom RE on page 10 & 11.
- C. If instead your wheelchair passenger seat belt is fitted with a single tongue like the one in **(fig.3)** please follow the instructions for Wheelchair Passenger Seat Belt: Grand Freedom RE on page 12 & 13.

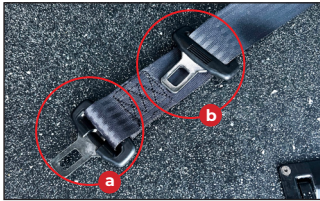


fig.1



fig.2

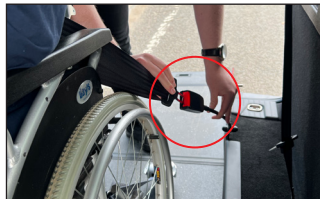


fig.3

Wheelchair Passenger Seat Belt: [Grand] Freedom RS/RSX & Freedom RE

- A. Locate the tongue that is fixed at the very end of the belt **fig.1a** and secure this in the buckle nearest to the seat belt reel box **fig.2**. You will hear a click once the tongue has been properly inserted.
- B. Pull the seat belt across the passenger's chest and secure the other tongue **fig.1b** in the buckle farthest from the seat belt reel box **fig.3**. You will hear a click once the tongue has been properly inserted.

Note: The seat belt should be flush against the passenger's body and not caught on the arms, wheels or any other part of the wheelchair. For example, the belt should be routed under the armrests or through the chair back, if there is a gap to do so **fig.4**.

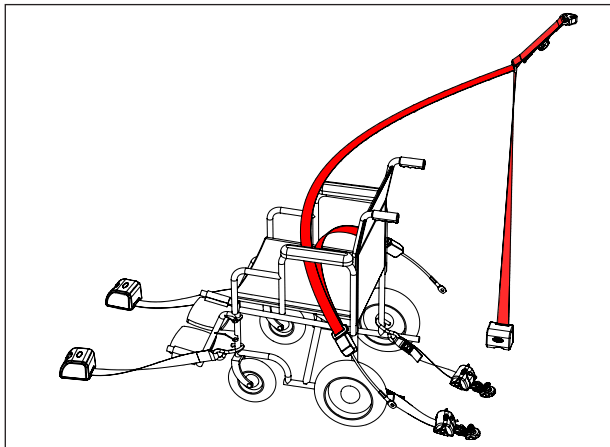


fig.4



fig.5



fig.6

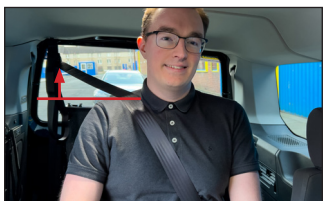


fig.7

Wheelchair Passenger Seat Belt: [Grand] Freedom RS/RSX & Freedom RE

- C. The seat belt should rest on the passenger's shoulder without rubbing against their neck **fig.5**. If necessary, the shoulder belt height can be raised **fig.6a** or lowered **fig.6b** by feeding the belt through the adjuster.
- D. The lap belt should sit low, around the passengers hips **fig.5** to provide the greatest comfort and securement.

IMPORTANT NOTES

The shoulder belt must not drop below the height of the passenger's shoulder **fig.7**.

The belt should not twist as it crosses the passenger's body. Remove twists by releasing the tongues from the buckles and twisting the belt in the opposite direction.

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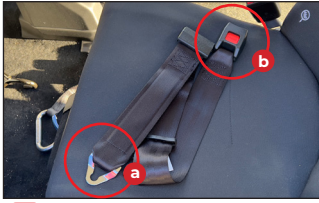


fig.1



fig.2



fig.3

Wheelchair Passenger Seat Belt: Grand Freedom RE

- A. Retrieve the buckle belt from the vehicle glove box **fig.1**.
- B. Attach the connector **fig.1a** to the pin on the rear wheelchair restraint farthest from the seat belt reel box **fig.2 fig.4a**.
- C. Place the buckle **fig.1b** on the passenger's lap while you prepare the rest of the belt.
- D. Locate the seat belt hanging from the roof of the vehicle and unhook the belt connector from the storage pin **fig.3**.
- E. Attach the connector to the pin on the rear wheelchair restraint nearest to the seat belt reel box **fig.2 fig.4b**.
- F. Pull the seat belt across the passenger's chest and secure the tongue in the buckle **fig.5**. You will hear a click once the tongue has been properly inserted.

Note: The seat belt should be flush against the passenger's body and not caught on the arms, wheels or any other part of the wheelchair. For example, the belt should be routed under the armrests or through the chair back, if there is a gap to do so **fig.4**.

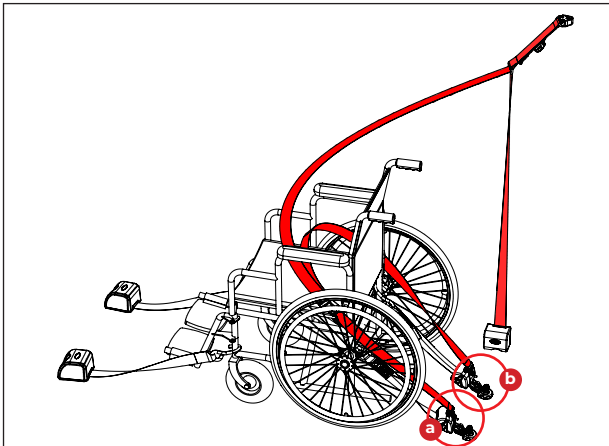


fig.4



fig.5



fig.6

Wheelchair Passenger Seat Belt: Grand Freedom RE

G. The buckle should lie as close as practical to the wheelchair passenger's hip while still retaining access to the buckle release button **fig.6**. If necessary, the buckle belt can be shortened **fig.7a** or lengthened **fig.7b** by feeding the belt through the adjuster.

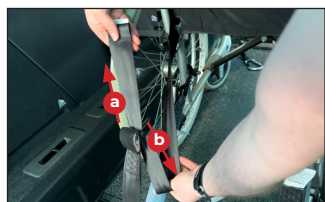


fig.7

H. The seat belt should rest on the passenger's shoulder without rubbing against their neck **fig.8**. If necessary, the shoulder belt height can be raised **fig.9a** or lowered **fig.9b** by feeding the belt through the adjuster.

I. The lap belt should sit low, around the passengers hips **fig.8** to provide the greatest comfort and securement.



fig.8

IMPORTANT NOTES

The shoulder belt must not drop below the height of the passenger's shoulder **fig.10**.

The belt should not twist as it crosses the passenger's body. Remove twists by detaching the belts from the rear retractors and twisting the belt in the opposite direction.

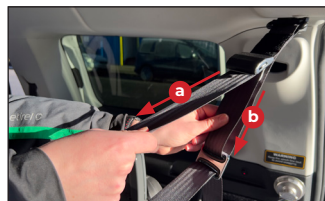


fig.9

Always secure the connector to the wheelchair restraint by sliding the connector under and up the pin on the wheelchair restraint **fig.11**. Do not use with the connectors upside down.

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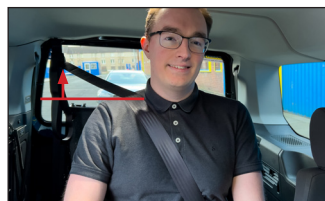


fig.10

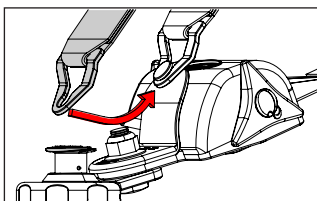


fig.11



fig.1



fig.2



fig.3



fig.4

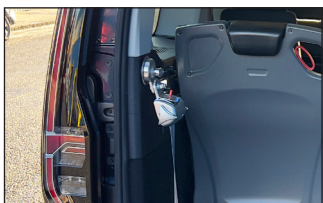


fig.5

Getting Ready to Travel

With the wheelchair restraints and wheelchair passenger seat belt firmly secured, you're almost ready to go.

- A. Stow the ramp following the instructions on page 5.
- B. Finally, pull down the tailgate using the pull strap **fig.1** while keeping your head clear and ensure it engages in the lock.

Now you're ready to go.

On Arrival

- A. When you arrive at your destination open the tailgate and deploy your ramp following the instructions on page 4.
- B. Unfasten the wheelchair passenger seat belt and press the wheelchair restraint switch **fig.2**.
- C. Detach the rear restraint hooks¹ from the wheelchair frame by holding down the red lever and removing the hooks from the attachment points **fig.3**. Then remove the rear restraints from the vehicle floor by lifting the toggle and sliding them from the anchors **fig.4**. Release the wheelchair brake.
- D. Guide the wheelchair passenger down the ramp with the front restraints still attached. If needed, use the winch to assist you according to the instructions on page 7 (if fitted). Once clear of the vehicle, detach the front restraints and hold them as you walk in, allowing them to retract.
- E. Turn the restraint switch back off. It's important that you remember to do this or you may drain the battery while the vehicle is not in use.
- F. Store the rear restraints by attaching them to the floor anchors or the anchors at the sides of the vehicle (if fitted) **fig.5**.

¹ Depending on preference, your vehicle may be fitted with J hooks (as shown in this guide), on webbing straps with tongue and buckle connectors.



fig.1



fig.2



fig.3



fig.4



fig.5

Optional Tip & Turn Seating

Optional tip and turn seats may be fitted in the back of your vehicle allowing you to travel with additional rear passengers **fig.1**. The seats can swing around to the front facing position when required and are stored flat against the vehicle sides when wheelchair access is required.

- A. To move the seats into position for travel, pull out on the red handle in the upper corner of the seat **fig.2**. This will unlock the seat and allow rotation **fig.3** until it clicks it into place.
- B. Now pull down on the base of the seat to lower it into place **fig.4**. The tip and turn seat is now ready to use **fig.5**.
- C. The Tip & Turn seats have been provided with integral seatbelts. Locate the tongue of the belt on the outboard side of the seat **fig.6** and pull it in front of you with a smooth movement, checking that it does not twist, and insert it into the buckle on the inboard side of the seat **fig.7**.
- D. You will hear a click once the tongue has been properly inserted. To check that the seat belt is fastened correctly, pull on the strap and check that the tongue has remained engaged in the buckle.
- E. To unlock your seatbelt press the red button on the buckle. Guide the seatbelt as it is reeled in.



fig.6



fig.7



fig.1



fig.2



fig.3



fig.4

Rear Folding Seats

The rear triple bench seats can be folded forward or completely removed to create additional space if required. The seat backs can be adjusted by pulling on the corresponding black tag on the side of the seat (fig.1a) with one hand while the other hand adjusts the backrest (fig.2).

Rear Folding Seats: Grand Freedom RS

The folding and removal procedure has not been affected by the conversion. Please consult your Ford handbook.

Rear Folding Seats: Freedom RS & Grand Freedom RSX

Note: For there to be adequate space for the wheelchair user in the Freedom RS at least the double seat must be secured in the folded position.

Folding the seats

Before beginning, ensure the front seats are far enough forward to allow the rear seats to be folded. The front seats can be moved back once the process is completed.

- A. Pull the black seat back release tag located at the side of the seat (fig.1a) then tip the seat back forward until it is folded flat (fig.3).
- B. Locate the red seat release tag on the rear of the seat (fig.3a). Pull the tag upwards, which will allow you to lift up the seats and fold them forward (fig.4).
- C. Secure the seat for traveling by unclipping the support leg on the underside of the seat (fig.5) and attach the red hook to the bar on the seat base (fig.6 & fig.7).
- D. Repeat steps A-C for the other seat as needed.



fig.5



fig.6



fig.7



fig.8

Rear Folding Seats: Freedom RS & Grand Freedom RSX

Deploying the seats

Before beginning, ensure the front seats are far enough forward to allow the rear seats to deploy. The front seats can be moved back once the process is completed.

- A. Detach the support leg from the bar at the base of the seat **fig.6**.
- B. To prevent damage to the support leg during seat deployment and use, secure the leg to the underside of the seat using the clip provided **fig.5**.
- C. Guide the rear of the seat down towards the floor, the rear seat legs will automatically deploy as you do this. Once just above the bars in the floor push down firmly on the back of the seat until the latches engage **fig.8**.
- D. Pull the black seat back release tag located at the side of the seat **fig.1a** and adjust the seat back until it locks in a comfortable position for traveling **fig.2**.

IMPORTANT NOTES

Folding or deploying the seats must only be done when the vehicle is stationary.

Ensure the seats are fully secured in the stowed position using the support leg. A seat that is not correctly stowed compromises the safety of passengers in the event of sudden braking or acceleration, and may lead to injury.



fig.9



fig.10



fig.11



fig.12

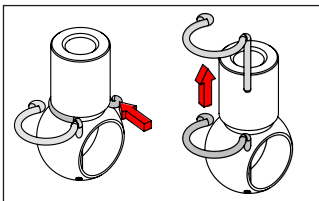


fig.13



fig.14

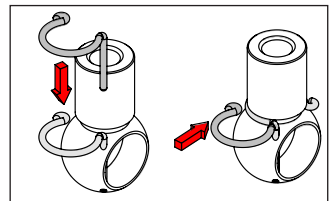


fig.15

Rear Folding Seats: Freedom RS & Grand Freedom RSX

Removing the seats

- A. Pull the black seat back release tag located at the side of the seat **fig.9a** then tip the seat back forward until it is folded flat **fig.10**.
- B. Locate the red seat release tag on the rear of the seat **fig.10a**. Pull the tag upwards, which will allow you to lift up the seats and fold them forward **fig.11**.

Note: Before the seats can be removed the position control rods for the rear seat legs must be disconnected from the seat bases. There are 2 of these on the double seat and 1 on the single seat **fig.12**.

- C. To disconnect the rod first remove the locking pin from the socket at the end of the rod **fig.13**. Retain the pin for re-insertion.
- D. Wiggle the socket to help ease it off the ball while pulling the socket away from the seat leg **fig.14**.
- E. After separating the socket from the ball, re-insert the locking pin into the socket for safe keeping **fig.15**.

Note: Repeat steps C-E for all control rods on the seat before continuing. Damage to the mechanism may occur if you attempt to remove the seat without first disconnecting the control rods.



fig.16



fig.17



fig.18



fig.19

Rear Folding Seats: Freedom RS & Grand Freedom RSX

Note: It is recommended that the assistance of at least 1 other person is employed when removing the double seat due to the heavy and awkward nature of the lift.

Note: Injuries or damage could be caused if the seats are removed incorrectly.

Note: Before performing the following steps consider which direction you will be exiting the vehicle with the seats. If exiting through the rear of the vehicle it's recommended you follow the ramp operation instructions on page 4 before continuing and remove the rear restraints from the floor.

- F. Support the seat using the carrying handles on the rear of the seats **fig.16**.
- G. Pull together the 2 bars at the base of the seat until both locking marks at the ends of the bars are in the red area **fig.17**.
- H. Using the carrying handles **fig.16** lift the seat clear of the latch bars and above the supporting structures for the control rods **fig.18** to prevent any damage to these structures.
- I. Take care as you exit the vehicle with the seat. Depending on your exit route there may be obstructions at floor level that may be a trip hazard.
- J. Once removed from the vehicle store the seat in a dry and secure location **fig.19**.



fig.20

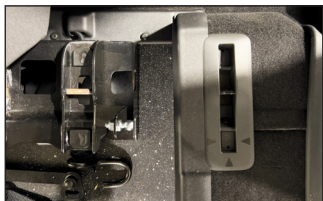


fig.21



fig.22

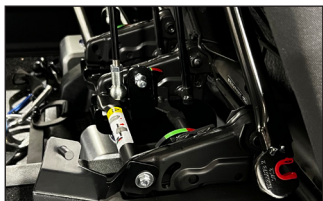


fig.23

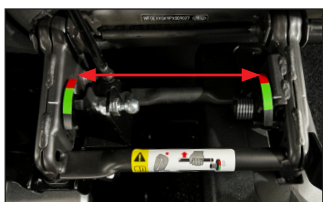


fig.24

Rear Folding Seats: Freedom RS & Grand Freedom RSX

Fitting the seats

Note: It is recommended that the assistance of at least 1 other person is employed when fitting the double seat due to the heavy and awkward nature of the lift.

Note: Injuries could be caused if the seats are fitted incorrectly.

Note: Before performing the following steps consider which direction you will be entering the vehicle with the seats. If entering through the rear of the vehicle it's recommended you follow the ramp operation instructions on page 4 before continuing and remove the rear restraints from the floor.

- A. Using the carrying handles **fig.20** lift the seat into the vehicle and onto the retainers **fig.21**. Take care to lift the seat above the supporting structures for the control rods **fig.22** to prevent any damage to these structures.
- B. You may need to rock or wiggle the seat to get the latches in the correct position **fig.23**. The weight of the seat should be enough to engage the latches on the bars. The seats are securely latched when both locking marks are in the green area **fig.24**.

IMPORTANT NOTE

The seat is not securely engaged if at least one of the lock indicators is in the red area. Always ensure that both lock indicators are in the green area before the seat is used.



fig.25

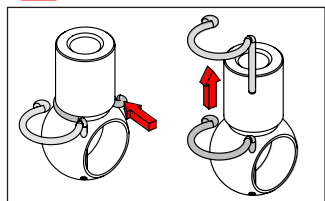


fig.26



fig.27

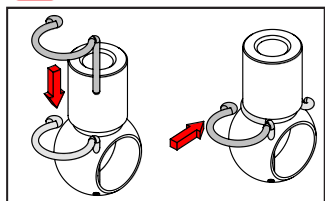


fig.28



fig.29

Rear Folding Seats: Freedom RS & Grand Freedom RSX

Note: Before the seats can be returned to their deployed position, the position control rods for the rear seat legs must be reconnected to the seat bases. There are 2 of these on the double seat and 1 on the single seat **fig.25**.

- C. To connect the rod first remove the locking pin from the socket at the end of the rod **fig.26**. Retain the pin for re-insertion.
- D. Press the socket onto the ball by applying a moderate amount of force to the backside of the socket **fig.27**.
- E. After connecting the socket to the ball, re-insert the locking pin into the socket. The control rod is now locked to the seat base **fig.28**.

Note: Repeat steps C-E for all control rods on the seat before continuing. If the control rods are not reconnected to the seat base the rear seat legs will not automatically deploy to the correct position as you fold the seat down.

- F. Guide the rear of the seat down towards the floor, the rear seat legs will automatically deploy as you do this. Once just above the bars in the floor push down firmly on the back of the seat until the latches engage **fig.29**.
- G. Pull the black seat back release tag located at the side of the seat **fig.30** and adjust the seat back until it locks in a comfortable position for traveling **fig.31**.



fig.30

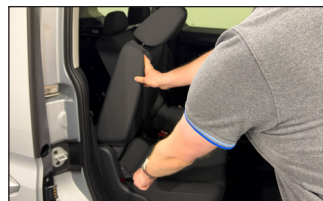


fig.31

Seat Belts

Seating modifications/additions as part of the conversion

Your vehicle may have been supplied with either triple bench seats (RS/RSX) or single seats (RE) in row 2 depending on the vehicle model. Specialist Tip & Turn seats may also have been added in the third row depending on the specifications of your vehicle (see page 15).

All the seats fitted to your vehicle have been tested to the same standards as the base vehicle and meet the requirements for seat strength, safety-belts, and their anchorages.

Adult Occupant Seat Belts

In order to be effective, a seat belt must:

- Have the lap part of the belt positioned as low as possible on the pelvis
- Have the shoulder part of the belt positioned in the hollow of the shoulder
- Be tightened as close to the body as possible
- Be used to restrain only one person, regardless of age
- Not show any signs of cuts or fraying
- Not be altered or modified in any way since any changes may render the belt ineffective

The driver must ensure that passengers use the seat belts correctly and that they are all fastened before setting off. Wherever you are seated in the vehicle, always fasten your seat belt, even for short journeys. Seat belts are designed to retain occupants in their seats, and so prevent or reduce injuries in a crash.

Should one of your seat belts be cut, show signs of severe fraying or be involved in a severe incident, it should be replaced immediately by a qualified workshop with the skills and equipment needed to perform the task.

The seats in the second row of your vehicle are equipped with the original Ford seat belt apparatus. Should you require any instruction on the operation or maintenance of the seat belts, please refer to the base vehicle handbook.

The straps of the integrated seat belts fitted to the Tip & Turn seats can be cleaned with soapy water. Allow the belt to dry before retracting back into the seat.

Child Restraints

Always comply with local or national regulations. In some countries, the use of child restraint systems is forbidden on certain seats.

In accordance with European regulations, all children under the age of 12 or less than 150cm tall must travel in approved child seats suited to their weight, on seats fitted with a seat belt or ISOFIX anchors. Children weighing less than 9kg must travel facing rearwards, but it is recommended that children should travel facing rearwards in the vehicle as long as possible.

NOTE: Do not hold a child on your lap while the vehicle is moving.

Only child restraints certified to ECE-R129 or ECE-R44.03 (or later) have been tested and approved for use in your vehicle.

The row 2 seats are the most convenient location to fasten a child restraint system. If the child restraint is installed in row 3 it will have to be removed to allow the wheelchair user access through the rear of the vehicle.

IMPORTANT NOTE

This user guide contains conversion specific child restraint fitting advice. Consult your base vehicle handbook for additional information on the safe use of child restraints.

[Grand] Freedom RE: child restraint systems advertised as recommended for your vehicle may no longer be suitable due to the modifications to the vehicle. If in doubt about the suitability of a child restraint system seek professional guidance.

Do not modify child restraints in any way. Do not stick anything on the child restraint systems and do not cover them with any other materials.

Fitting Universal Child Restraints

When fitting a child restraint secured by the adult occupant seat belts ensure that the seat belt is correctly positioned around the child restraint in line with the instructions provided by the child restraint manufacturer. The child restraint should be held firmly on the vehicles seat by the belt, ideally in contact with the seat backrest. It should not touch the headrest.

If necessary, move the seat in front of a child restraint forwards so that the legs of the child in a forwards facing child restraint or the rearwards facing child restraint itself do not touch the seat in front.

Remember to fasten the seat belts or the harness of the child restraint, keeping the slack relative to the child's body to a minimum, even for short journeys.

IMPORTANT NOTE

Ensure that there is no seat belt or seat belt buckle under the child restraint causing it to be unstable.

	Child weight and age guide			
	Groups 0 & 0+ Under 13kg Up to about 1 year old	Groups 1 From 9 to 18 kg From about 1 to 3 years old	Groups 2 From 15 to 25 kg From about 3 to 6 years old	Groups 3 From 22 to 36 kg From about 6 to 12 years old
Type of seat	Rearward-facing child seat	Rearward/Forward-facing child seat*		Forward-facing booster cushion
Row 1	Consult your base vehicle handbook			
Row 2	Suitable for universal category child restraints approved for use in this mass group			
Row 3				

*It's recommended that a child should travel facing rearwards for as long as possible.



fig.1



fig.2



fig.3



fig.4



fig.5

Fitting ISOFIX Child Restraints

The ISOFIX restraint system provides fast, reliable and safe fitting of child restraints. Instructions for fitting i-Size child restraints to the triple bench seats (RS/RSX) can be found in your Ford handbook.

The single seats (RE) in the second row of your vehicle are fitted with ISOFIX anchor points that accommodate ISOFIX child restraints. Each seat has 3 anchor points:

- Two front rings located where the seat backrest and cushion meet **fig.1**.
- A rear ring located at the bottom of the rear surface of the seat backrest **fig.2**.

To fit an ISOFIX child restraint:

- A.** Place the child restraint on the seat and align the two rigid arms on the restraint with the two front rings on the seat.
- B.** Firmly push the base of the child restraint towards the seat backrest until the latches in the attachment arms indicate that they are engaged on the rings.

For child restraints with a top tether strap:

- C.** Pass the top tether strap between the seat backrest and the head restraint as pictured in either **fig.3** or **fig.4**. **DO NOT** pass the strap over the top of or to either side of the head restraint **fig.5**.
- D.** Attach the hook to the rear ring on the seat **fig.2**. Ensure the strap is not twisted and then tighten using the top tether tensioner on your child restraint until it indicates that the strap is suitably tight.

You may need to twist the hook as it passes under the head restraint to prevent it from becoming stuck.

For child restraints with a support leg:

- E.** Extend the support leg so that it makes firm and steady contact with the floor. An indicator on the support leg should show when firm contact has been achieved.

Fitting ISOFIX Child Restraints

IMPORTANT NOTE

Strictly follow the fitting instructions provided with the child restraint and familiarise yourself with the location of the latch, top tether, and support leg indicators. Incorrect installation of a child restraint compromises the protection of the occupant during a crash.

The head restraints are not removable or adjustable. Before travelling ensure the head restraint is not causing any residual slack to be left in the strap.

When purchasing an ISOFIX child restraint make sure that you know the correct mass group and ISOFIX size class for the intended seating locations. Check the head restraint does not interfere with the child restraint or its top tether tensioner.

	Child weight and age guide								
	Groups 0 & 0+ Under 13kg Up to about 1 year old				Group 1 From 9 to 18 kg From about 1 to 3 years old				
Type of seat	Cot	Rearward-facing child seat			Rearward/Forward-facing child seat*				
ISOFIX Size Class	F,G	E	D	C	D	C	B1	B	A
Row 1	Consult your base vehicle handbook								
Row 2 Bench (RS/RSX)									
Row 2 Single (RE)	X	IL		X	IL	X	IL/IUF		
Row 3	No ISOFIX								

*It's recommended that a child should travel facing rearwards for as long as possible.

In order to accommodate an ISOFIX child restraint the seat in front of the restraint may need to be adjusted forward and have its backrest placed in an upright position.

Key:

X – Not suitable

IL – Suitable for use with ISOFIX child restraint systems in the semi-universal category, which may be either:

- Rear-facing, fitted with a top tether strap or a support leg
- Forward-facing fitted with a support leg

IUF – Suitable for use with forward-facing ISOFIX child restraint systems in the universal category secured using a top tether strap

A – Full size, front-facing child seat

B – Reduced size (alt. 1), front-facing child seat

B1 – Reduced size (alt. 2), front-facing child seat

C – Full size, rear-facing child seat

D – Reduced size, rear-facing child seat

E – Rear-facing infant seat

F – Left-hand lateral facing cot

G – Right-hand lateral facing cot

Puncture Repair System: Tyre Inflator and Sealant

Should you experience a flat tyre, a can of tyre inflator and sealant is provided. This is located either:

- Behind the rear right storage panel located next to the tailgate
- Or, if the vehicle is fitted with the optional space-saver spare wheel, in the vehicle glove box with the compressor.

Use according to manufacturer's instructions that are detailed on the can.



fig.1

**INFLATE TO
60 PSI
(420 KPA)**

Optional Space-Saver Spare Wheel

The Freedom™ may be fitted with a space-saver spare wheel **(fig.1)**. Please note the following when in use.

The space-saver wheel is only for use as a temporary spare and has been designed to enable the vehicle to be driven to a place of repair. The damaged wheel/tire should be replaced and refitted as soon as possible.

The spare wheel can be used on either the front or rear axle. The vehicle should not be driven with more than one spare wheel fitted.

When the space-saver has been fitted, the vehicle should be driven with caution and at NO MORE THAN 50 mph (80 km/h).

Incorrect use of the temporary spare wheel can lead to a loss of control of the vehicle, potentially resulting in a collision and/or serious injury.

Do not use the temporary spare wheel under any circumstances if it is damaged or worn down to the tread wear indicators.

Fuel - Range & Fill Level Indicators - Grand Freedom RS

Please see your Ford handbook.

Fuel - Range & Fill Level Indicators - Other than Grand Freedom RS

The fuel tank in your vehicle is replaced as part of the conversion. The performance of fuel fill level and vehicle range indicators may be impacted due to the difference in shape and capacity between the new and the original fuel tanks.

Towing & Recovery

Note: Failure to follow the advise below may result in damage occurring to your vehicle.

The vehicle cannot be fitted with a tow bar and must not be used for towing, even with the rear towing eye.

Note: The Gross Train Weight (GTW) of your vehicle is 0kg. It is illegal to tow another vehicle or trailer with this vehicle.

Do not use the rear towing eye to recover this vehicle.

Allied Mobility Freedom

WAV type: AWAV

PAS 2012-1:2019 Compliant: Yes

Base vehicle: Ford Tourneo Connect

Model	Freedom RS	Freedom RE	Grand Freedom RS	Grand Freedom RE	Grand Freedom RSX
Wheelchair Access Entrance Dimensions					
Width (mm)	805	805	775	790	790
Height (mm)	1370	1370	1372	1367	1367
Designated Travelling Position					
Width (mm)	790	582	790	610	790
Length (mm)	1120	1196	1115	1160	1140-1445*
Wheelchair space gradient (°)	1.6	0	4.2	0.8	2.35
Maximum seated eye-line height (mm)	1115	1154	1257	1145	1120
Internal roof height (mm)	1400	1392	1400	1381	1391
Maximum wheelchair mass (kg)	200				
Maximum Access Dimensions					
Width (mm)	790	582	775	610	790
Length (mm)	1120	1196	1115	1160	1140-1445*
Height (mm)	1370	1370	1372	1367	1367
Maximum Seating Capacity					
Maximum number of designated wheelchair travelling positions	1				
Maximum number of other passenger seating positions (including driver)	5	4	7	6	7
Maximum number of ISOFIX positions	2†	2	2†	2	2†
Up-front wheelchair position available	No				
Limitations on seating capacity when carrying an occupied wheelchair	See note 1	N/A	See note 2	See note 2	See notes 2 & 3
Other					
Winch SWL (where fitted) (kg)	275				
Fuel tank capacity (litres)	45	45	50	45	45
Ground clearance (mm)	147	147	170	155	155
Type of spare wheel or puncture repair system fitted	Puncture repair kit (standard) Spare wheel (optional)				
Towing eye location	Rear Right Storage Panel				
Ramp					
Width (mm)	758				
Length (mm)	1215				
Angle when deployed onto road (°)	14.5				
Position	Rear				
Safe working load (kg)	400				
Attachment method	Permanent				
Maximum ramp projection when deployed (mm)	950				

*Wheelchair length is restricted to 1140mm when transporting more than 2 seated passengers.

†Vehicle is equipped with i-Size

1. Double seat must be folded to accommodate a wheelchair, single seat may be folded to accommodate larger wheelchairs.
2. Optional Tip & Turn seats cannot be used (where fitted) when carrying a wheelchair.
3. Double (and single) seats may be stored to accommodate larger wheelchairs.

Ford Freedom						
Please find below information on Fuses, Relays, switches & other components which have been added or modified during the conversion process						
Fuse	System	Rating	Location			
			Freedom RS	Freedom RE	Grand Freedom RS	Grand Freedom RE
1	Winch	25A	Under bonnet			
2	Electric Restraints	5A				
Relay						
1	Winch	20/30A	Behind rear right side panel			
Switch						
1	Electric Restraints	12V/ 30mA	Rear right side panel			
2	Safety Interlock (Tilt switch)	12V/ 300mA	Within tailgate			

Other					
1	Winch	12V/25A	Behind Centre Console		Behind Bench Seats, Under Floor
2	Left Electric Restraint	12V/ 200mA	Under bench seats	Behind front seats, on floor	Behind Centre Console
2	Right Electric Restraint	12V/ 200mA			Behind front seats, on floor
					Under bench seats

Conversion Warranty

The Conversion Warranty covers parts adapted by Allied Mobility for three years / 36,000miles (whichever comes sooner). When leased via the Motability Scheme the Conversion Warranty covers parts adapted by Allied Mobility for three years with unlimited mileage.

Should you need to source replacement parts for your vehicle that relate to the wheelchair accessible conversion please contact Allied Mobility.

FREEPOST ALLIED MOBILITY

Registered address: 230 Balmore Road, Glasgow, G22 6LJ

FREEPHONE: 0800 587 9656

For international enquiries telephone: +44 (0) 141 336 1556

Email: info@alliedmobility.com

IMPORTANT NOTES:



It is recommended that any passenger travelling in their wheelchair should be seated in a wheelchair meeting the requirements of ISO 7176-19:2008 or later. The presence of the hook symbol at the tie-down attachment points is generally an indicator that your wheelchair has been designed in line with these requirements. However, if in doubt, please consult the literature that accompanied your wheelchair or speak to your wheelchair manufacturer.

Before entering the vehicle with a wheelchair please remove any baggage that is hanging off the back of the wheelchair or the wheelchair's handles. Additional weight hanging off the rear of a wheelchair can cause the wheelchair to become unstable as it enters/exits the vehicle and during transit. If not carefully managed this may result in the wheelchair tipping over.

If the operation of the winch remote is the reverse of that advised on page 7 figure 1 the load capacity will be reduced. To fix this issue extend the winch to its maximum length without releasing the button, at which point it will begin to retract; the buttons will now perform their original operations.

FORD *FREEDOM*™