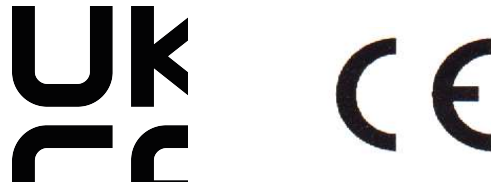


The Tendercare logo is displayed with a grey brushstroke underline above the word "Tender" and a red brushstroke underline below the word "care".

Tendercare



Snappi*® *Seat
WORKSHOP MANUAL

This manual covers:

Size 1 and 2 Snappi Seats (standalone)

IMPORTANT

Please read these instructions carefully before using the
Snappi Seat

Please read these instructions carefully before attempting any repairs to the
seat. Repairs should only be carried out by a repairer as approved by either
Tendercare Ltd or the NHS.



Fig 0.1 Seat unit (**Size 1 shown**)

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1: Your Snappi Seat Standalone Workshop Manual

The purpose of this manual is to help you get the best from your seat. It does this by telling you how to complete those maintenance and repair tasks that can be carried out by a competent person. The manual also tells you when you should contact the manufacturer who is:

Tendercare Ltd.
Unit 10 Minster Court, Courtwick Lane, Littlehampton, BN17 7RN
Tel: (01903) 726161 Fax: (01903) 734083
Email: info@tendercareltd.com
Web: www.tendercareltd.com

IMPORTANT:

This manual must be read and used in conjunction with the user manual.

The seat unit offers best in class growth, thanks to its versatile design and large ranges of adjustments to all supports. It has an easy to remove, breathable cover, and comes supplied with a hip belt as standard.

Seat adjustments (please see table below for details of adjustment ranges): Seat depth adjustment, depth and length adjustable Hip Guides, Back Height adjustment, Independent back recline (using an easy to operate gas strut mechanism) and depth & angle adjustable Footrest. The seat also includes an interface allowing it to be quickly fitted and removed from the wheelbase, and like the entire Snappi range, includes all the latest safety mechanisms (including an innovative 2 stage release to prevent little fingers causing accidents).

The following accessories for use with the Snappi Seat are available from Tendercare Ltd.

Height and width adjustable wrap around Lateral Supports, Butterfly chest harness, Foot and Toe Straps, Pommel, Play Tray, Standard Headrest, Extra recess Headrest, and Occipital roll Headrest.

These instructions apply to all sizes.

Snappi Seat Adjustments

Support	Snappi Seat Size 1	Snappi Seat Size 2
Seat Depth	195-295mm	290-390mm
Seat Width	190-290mm	250-350mm
Backrest Height	450-620mm	540-700mm
Footrest Depth	150-280mm	215-360mm
Back Recline Angle	90°- 135°	90°- 135°
Knee Angle*	-15°- 90°	-15°- 90°
Seat Weight	10.5Kg	13Kg
Maximum Carry Weight**	40 - 55Kg	40 - 55Kg

IMPORTANT:

*** Knee angle adjustable in 15° increments**

**** Maximum carry weight depends on which chassis the Snappi seat is fitted to. Standard carry weights on Tendercare bases; 40kg on Snappi and Swirl Chassis, 55kg on the Cloud chassis. The maximum carrying weight is defined as the user weight, plus any accessories/equipment which may be fitted or carried on the chassis. The weight of the Snappi seat has been taken into account with these weights and you do not need to make any deduction for the Snappi Seat. Warning: Never exceed the maximum stated carry weight for the chassis the seat is fitted to.**

All sizes and weights are given as a guide. Tendercare Ltd reserves the right to amend specifications at any time as part of their product development programme.

2: Transit Packaging

The standalone seat is supplied in a cardboard carton. This measures 410mm x 400mm x 1000mm and weighs 11.5kg (size 1) / 500mm x 450mm x 1200mm and weighs 14.5kg (size 2).

WARNING:

The transit carton is quite bulky so moving and unpacking must be done with care. Observe all lifting and handling regulations.

Stand the carton upright making sure it is supported and cannot fall over. Open the carton and remove any packages or packing, which could obstruct the removal of the seat and wheelbase. Remove the seat first, then the wheelbase. Do not attempt to lift both parts out together.

The carton should contain the following items:

Item	Component	QTY.	Yes	No
1	Size 1 or 2 Seat Unit	1		
2	User Manual	1		
3	5mm Alan key	1		

The following items should be fitted to the seat as standard:

Item	Component	QTY.	Yes	No
5	Hip guide covers	2		
6	Seat Base Cover	1		
7	Seat Back Cover	1		
8	Side Pads	2		

Please note, accessories such as lateral supports or harnessing that were ordered at the same time as the seat will be included in the main package.

Larger accessories will be packaged in separate cartons (e.g. the rain cover).

IMPORTANT:

- ❖ *If any items are damaged or missing, then please contact Tendercare, preferably by email at info@tendercareltd.com or alternatively please call us on (01903) 726161 within 36 hours of delivery.*

After unpacking and checking you have all components and they are in good condition dispose of the packaging at your local recycling centre. Alternatively retain and reuse.

3: Tools and Torque Settings

The following tools are required to dismantle, reassemble and repair the seat:

Spanners and sockets: 8mm, 10mm, 13mm
 Hexagon Keys: 3mm, 4mm, 5mm and 6mm
 Torque Wrench: Range 0 to 25 Nm
 Screwdrivers: 2 small flat blade screwdrivers

Torque Settings if not specified:	
Spanner Size (mm)	Torque (Nm)
8	10
10	15
13	25

4: Preparing for use and operation

The following pre-delivery procedures should be carried out to check that the seat unit has not suffered damage during transit and that all features operate satisfactorily. Refer to the user manual for detailed instructions on performing each action.

4.1 Fitting the seat to the chassis

Fit the seat unit into the chassis following the instructions in section 4.3 of the seat user manual (note the mounting system is the same for all chassis that the Snappi Seat fits to).

Checks:

- Check that the spring clips move freely and snap back to their closed position when the lever is released
- Make sure the seat interface latches down and locks securely to the frame
- Check that the secondary latch mechanism functions correctly
- Check that the seat interface releases correctly and that there is not excessive friction on the lever when releasing it from the frame

4.2 Seat back recline:

Test the seat back recline mechanism is working correctly by following the instructions in section 5.1.3 of the seat user manual.

Checks:

- Make sure the gas spring moves freely through its entire range of motion when released
- Ensure that the gas spring locks when the lever is released.
- Check that the fixing bolts for the gas spring are secure and that there is not excessive play between the gas spring and the mounting points on the seat when locked.

4.3 Seat standard adjustments:

All adjustments to the seat are made using hand wheels, or the 5mm hexagon key provided. Test the adjustment ranges of the seat base, hip width, footrest depth, footrest angle and back height as detailed in sections 5.1.1 – 5.1.3 of the seat user manual.

Checks:

- Ensure all elements are free to move over their entire adjustment range (note that the cover and harnessing may need adjusting to allow this- instructions on how to adjust these are given in section 5 of the user manual)
- Check that all elements lock correctly
- Check that the framework is square and has not been damaged during transit.

5: Final checks

1. Check that the pelvic strap or harness is secure and adjusted correctly.
2. Check that the cover is correctly fitted.
3. Check that the seat unit is located and locked correctly in the chassis.
4. Ensure the safety catch is locked.

6: Maintenance

To ensure continued safety and security and to maximise the service life of the product, it is recommended that all components of the Snappi Seat should be thoroughly inspected for wear and stability at the intervals specified within the Maintenance Sections of both the Snappi Seat User Manual and the Snappi Seat Workshop Manual.

For users subjecting the product to heavier or more frequent use, inspection intervals should be adjusted accordingly.

Should a problem be found when carrying out the regular checks, it should be immediately reported to the issuing authority or Tendercare Ltd.

In addition to your own internal records, a product maintenance service record is included within the User Manual and should be completed and updated accordingly.

6.1 Routine maintenance

The user's family can easily carry out the following tasks. No tools are required.

1. Carry out a visual assessment of the seat to ensure that nothing appears missing, broken or loose (daily)
2. Check that the two M8 x 16 footrest bolts are in place and are tight by using the Allen key (daily). The supplied 5mm Allen key is required to tighten the footrest (daily).
3. Check all nuts, bolts, and hand wheels are tight (daily).
4. Check the seat fits securely into the frame and can lock into place (daily).
5. Ensure the seat safety catch engages and locks the seat into the chassis
6. Examine upholstery and postural accessories including harnessing for wear and arrange for replacement if necessary. (weekly).
7. Clean /covers when necessary (we suggest at least once a week).
8. Always wipe the wheelbase and seat frame dry. Never put them away damp.

6.2 Annual maintenance

On an annual basis, please ensure the below checks are carried out by either a competent tradesman or approved repairer. Frequency of maintenance should be increased for heavier users. If you discover a fault or any signs of damage, immediately stop using the pushchair and contact the appropriate authority for further instruction and inspection. This may be the approved repairer, the authorised distributor (e.g. a wheelchair service) or Tendercare Ltd. If you discover either damage or a fault which is not listed below, stop using the product and immediately contact the appropriate authority. Similarly, if you have any queries or concerns, please contact the appropriate authority. If you are unsure who to contact, contact Tendercare Ltd directly.

1. Examine the seat for any damage.
2. Check the operation of the seat back recline. Check the gas strut and the gas strut release head for any signs of damage. In addition to the annual check, as the gas strut release head is an aluminium part, we recommend replacing every three years. However, replacement of this part may need to be sooner than the recommended time period and more frequent for heavier users.
3. Examine upholstery and postural accessories including harnessing for wear and damage and arrange for replacement if necessary.
4. Examine nuts, bolts, pivots and frame plugs for tightness and general condition.
5. Check the seat interface fits securely into the frame and they are not worn or damaged.
6. Check the interface clips to ensure the springs return the clips to the closed position when released.
11. Ensure the seat safety catch engages and locks the seat into the chassis

The above is not an exhaustive list of all checks but designed to be used as a guide.

6.3 Three-yearly maintenance

The seat and chassis gas strut release heads are aluminium and so we recommend this is routinely replaced every three years. Replacement of this part may need to be sooner than recommended time period and more frequent for heavier users

7: Repairs

Only an authorised repairer should carry out the following repairs.

1. Repairs: For all repairs contact your issuing authority
2. Major repairs: For all major repairs e.g. bent or damaged frame, the seat should be returned to the factory. Contact Tendercare Ltd, customer services on 01903 726161, or email to info@tendercareltd.com
3. Factory replacement components should be used in all repairs. These are available from Tendercare. Please refer to the parts lists at the end of this manual (section 11) for details of replacement parts.

Important points when performing a repair:

1. Do not reuse Nylock nuts, always replace with a new nut
2. Always use Loctite thread locking compound grade 243 on all threads when reassembling any part of the system.
3. Always use the recommended component parts available from Tendercare Ltd.
4. Do not attempt to correct bent framework or perform any modifications to welded parts. If any main framework sections are bent or damaged please return the product to the factory.

7.1: Seat gas spring/strut

Replace the gas spring if it is damaged or worn. Please note, as the gas strut release head is aluminium, we recommend this is replaced every three years. Instructions to replace just the gas strut release head can be found after the complete gas spring replacement instructions.

To remove the gas strut (shown in Fig 7.1.1):

Fig 7.1.1



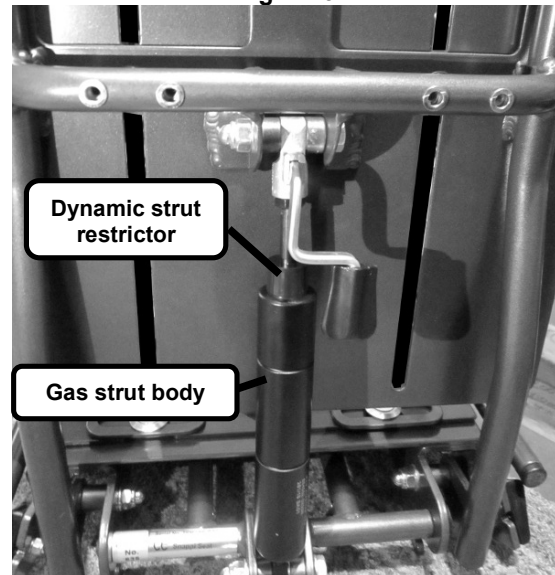
- Lift the seat onto a suitable workbench and sit it on its interface with the seat back angle set at 90 degrees.
- Using 2 x 13mm spanners undo the gas strut fixing bolts. Take note of the position of the washers and spacers.

- Remove the release lever; undo the release head by placing a bar (e.g. shank of a screwdriver) through the mounting hole in the head and loosen with a 13mm spanner as shown in Fig 7.1.2.
- Next, unscrew the gas spring from the head and remove the release lever.

Fig 7.1.2

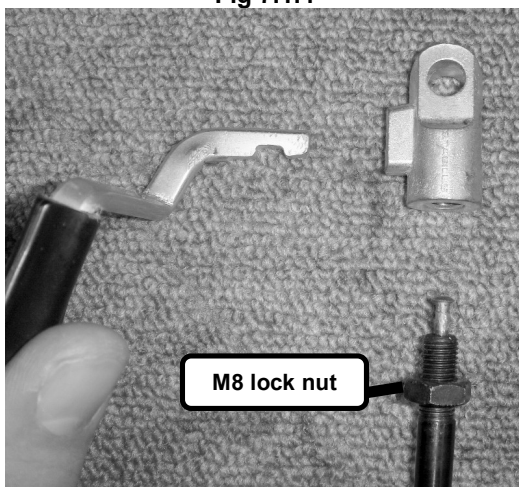


Fig 7.1.3



- To reassemble the new gas spring, place the release lever into the head, and screw in the gas spring so that the pin on the end of the gas spring locates into the notch in the lever. Note: for Snappi seats fitted with the dynamic gas strut, you will need to place the dynamic strut restrictor between the body of the gas strut and the m8 lock nut (see Fig 7.1.3).

Fig 7.1.4



- Tighten the m8 lock nut until there is no movement between the pin and release lever, then unscrew the gas spring by $\frac{1}{4}$ of a turn. This ensures that there is the correct amount of play between the pin and release lever. Do not over tighten

- Finally secure the release head by placing a bar through the mounting hole and tighten with the 13mm spanner.

IMPORTANT:

- ❖ *Ensure that there is a small amount of play between the release lever and pin on the end of the gas spring. If this is too tight, the gas spring may not lock correctly, or could have the tendency to 'creep' when in a locked position.*

How to replace the gas strut release head only (on a Snappi seat gas spring)

To replace the gas strut release head:



Using a 13mm spanner, undo the lock nut underneath the gas strut release head.



Using 2 x 13mm spanners, undo the 8mm bolt going through the top of the gas strut release head.



There will be multiple 8mm washers and spacers, take a note/photo showing the position of these parts as there may not be an even number or the same number each side and you need to refit them in the correct place later.

Undo the gas strut head (the lever may come away from the head) and remove the bolt. Dispose of the old gas strut head.





Place the gas spring release head lever inside the release head and fit onto the gas spring. Tighten until the notch is just touching the pin and then turn back a quarter of a turn so the lever has a slight bit of movement.

Please note, the notch in the gas strut release lever needs to locate with the pin, as shown right. However, you will not be able to see this as the lever is inside the gas strut release head. This picture is just for information purposes.



Using a 13mm spanner, nip the lock nut so it does not move, as shown left.

Replace the 8mm bolt, the washers and spacers in the same position you removed them from. Tighten using 2 x 13mm spanners. Tighten just until the spacers stop spinning and there is no rocking motion of the backrest on the bolt. Lastly, tighten the m8 lock nut using the 13mm spanner.



7.1.1: Lock the Back Recline

The following instructions detail how to remove the back recline adjustment lever in order to lock the back recline in a single position.



Fig 7.1.1.1

- First, position the back rest to the desired fixed position* (please refer to the section 5.3.1 of the user manual for how to adjust the angle of the backrest).
- Next, use a 13mm spanner to loosen the black nut on the gas strut (3 turns should be sufficient) as shown (see Fig 7.1.1.1, left).

- Using a pair of 13mm spanners, remove the M8 bolt that secures the top of the gas spring the back rest of the seat as shown (see Fig 7.1.1.2, right). Take note of the positions of the spacers, washers and nuts.

Fig 7.1.1.2



Fig 7.1.1.3

- Hinge the gas spring away from the back of the chair (it will pivot on the lower bolt) and unscrew the head a few turns and then remove the lever.

- Screw the head back onto the gas spring and lock in place using the black nut and a 13mm spanner.
- Fix to the backrest using the M8 bolt, replacing the washers and spacers in their original position.



Fig 7.1.1.4

Important:

**The Snappi Seat is only crash tested with the backrest set to a 90-degree angle. If the backrest angle is fixed at any angle other than 90 degrees, the seat can no longer be used for transport in an adapted vehicle.*

7.2: Seat Interface

Replace the interface clips if they are damaged or bent; replace the springs if they are stretched or overly soft in operation.

IMPORTANT

The seat interface uses 2 strong torsion springs that are under load. Care must be taken when working on the interface clip mechanism. The following instructions are the recommended method for dismantling the assembly to safely release the tension on the springs. If you are not confident to work on this assembly, please return your frame to the Tendercare factory.

To dismantle the interface:

- Loosen the front screws from the mounting using a 4mm hexagon key as shown (right).
- Remove the rear as the tension on the 2 torsion springs must be released before removing the clip mechanism from the interface frame.

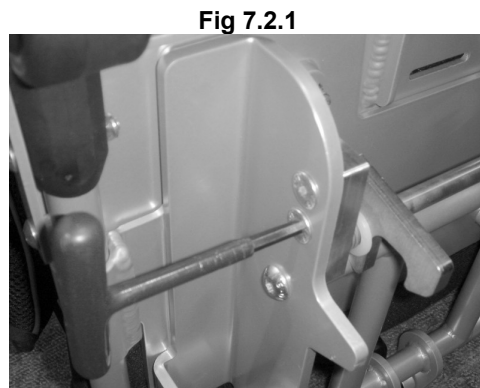


Fig 7.2.1

7.2.2

To release the tension on the springs:

- Rotate the clips forward and lift the frame so that it pivots on the 2 loosened front screws. Keep lifting until the 2 spring arms are released from the interface frame cross bar, as shown (left)
- Once the springs have been released, remove the 2 front screws using a 4mm hexagon key. The interface clip assembly can then be easily taken apart by sliding off the 2 mounting blocks, springs and washers.

Fig 7.2.3



Take note of the position of the 2 chamfers of the mounting blocks as these **MUST** be put back in the correct orientation or the interface mechanism will not function properly.

Also take careful note of the orientation of the springs- the springs are handed and must be re-fitted correctly or there will not be enough tension on the mechanism to close the clips.

To reassemble the interface, follow the reverse of these instructions and test as detailed in section 4.4 of this manual.

7.3: Knee Angle Adjustor

Replace the seat knee angle adjustor if damaged or worn.

The replacement knee angle adjustor comes supplied with: 1 x M5 x 30mm socket button bolt, 1 x M5 x 35mm socket button bolt, 2 x M5 Nylock Dome nuts, 4 x M5 Form A Washers

Fig 7.3.1



Fig 7.3.2



Set the footrest to a horizontal position (i.e. in line with the seat base) and place the whole seat onto a flat surface.

Undo the nut and bolt securing the footrest rod, taking note of the position of the bolt head and washers, using a 3mm hexagon key and an 8mm spanner.

Fig 7.3.3



Next separate the footrest rod from the adjustor as shown (right).

Fig 7.3.4



Undo the rear bolt securing the knee angle adjustor (this bolt goes through the play tray adaptor), again taking note of the position of the washers and nuts etc. Remove the bolt then slide the knee angle adjustor off the frame. Note it may be helpful to loosen the rear bolt securing the play tray adaptor if it is difficult to slide the angle adjustor off the frame.

Finally, slide the new adjustor onto the frame, and secure using the new bolts and nuts as supplied (never re use nylock nuts). Please ensure that the rear fixing bolt is tightened again if loosened in the previous step, and that the frame fixing is placed through the play tray adaptor as before.

7.4: Footrest Parts:

If a complete footrest assembly is ordered, it comes supplied with footrest slide with the tray pre-assembled, footrest stems and the angle adjustors. For information on fitting these please refer to the instructions given in section 7.3 (for the angle adjustors), and 7.4.1 (for the stems) and 7.4.3 (for the slide ad tray assembly) below.

7.4.1: Footrest Stems:

To replace the footrest stems:

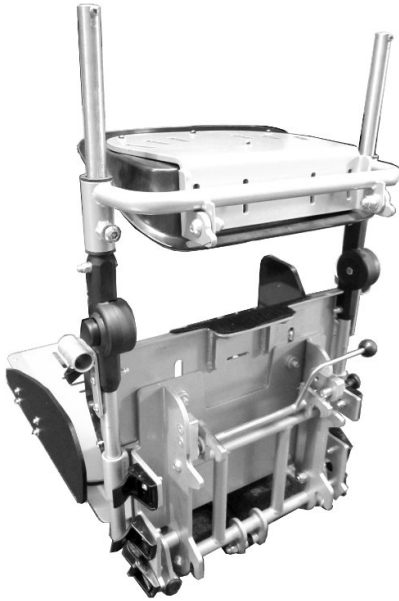


Fig 7.4.1.1

Remove the seat unit from the chassis and place it on its back on a flat surface (see Fig 7.4.1.1).

Unscrew the self-tapping screws from the end of the old footrest stems as shown (see Fig 7.4.1.2).

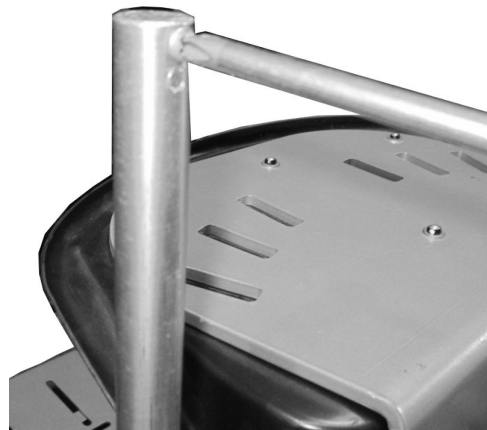
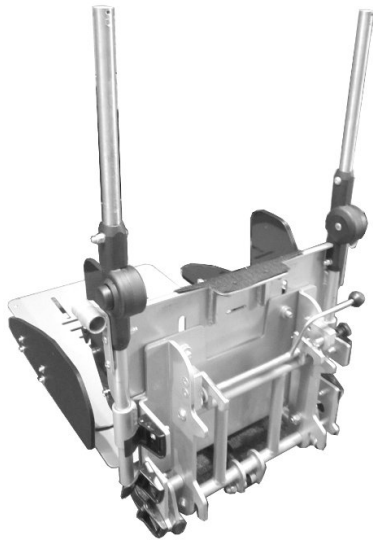
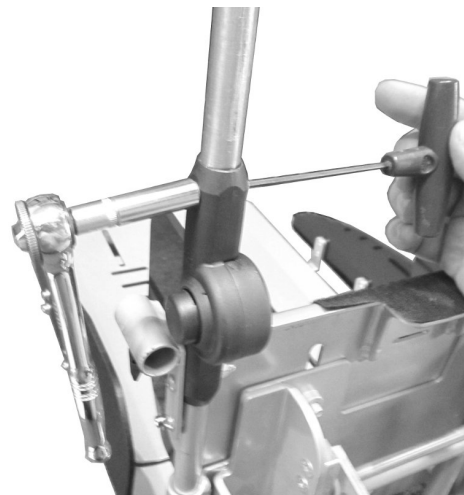


Fig 7.4.1.2

**Fig 7.4.1.3**

Make sure the footrest locking screws are loose, and then slide the footrest assembly off the stems (see Fig 7.4.1.3).

Using a 3mm hexagon key and an 8mm socket or spanner, remove the M5 bolt securing the stem to the knee angle adjustor (as shown in Fig 7.4.1.4). Take note of the position of the washers. Then remove the stems.

**Fig 7.4.1.4**

To fit the new stems: Follow the reverse of this procedure and fit with a new Nylock dome nut (never re-use Nylock nuts).

7.4.2: Footrest Tray:

Remove the footrest slide assembly from the pushchair, to do this:

- Remove the 2 x self-tapping screws from the end of the footrest stems.
- Loosen the footrest slide locks
- Slide the footrest assembly off the end of the stems.

For more details on this procedure please refer to section 7.4.1 above.



Fig 7.4.2.1

Place the footrest slide assembly onto a flat surface.

Using a 5mm drill bit drill off the 6 rivets that secure the plastic tray to the metal base plate.

Position the new foot tray onto the base plate, so that the cut-out slots in the tray line up with the holes in the plate. Using a 5mm drill and the base plate as a template, drill off the 6 mounting holes in the new foot tray.



Fig 7.4.2.2



Fig 7.4.2.3

Secure the new tray onto the base plate using 6 x black 4.8 mm rivets (supplied).

Finally, re-attach the foot tray assembly onto the footrest stems, and secure with the 2 x self-tapping screws.

7.4.3: Footrest Slide Assembly:

The footrest slide assembly will come pre-assembled complete with the plastic tray. To fit the new assembly, simply remove the old slide assembly following the instructions given in section 7.4.1 above. Slide the new assembly in place and secure back in place.

7.5: Sun Canopy Assembly:

The following instructions detail how to fully assemble the sun canopy including the cover. A separate parts list “Snappi Sun Canopy Parts List” is available on our website should any parts need to be replaced.

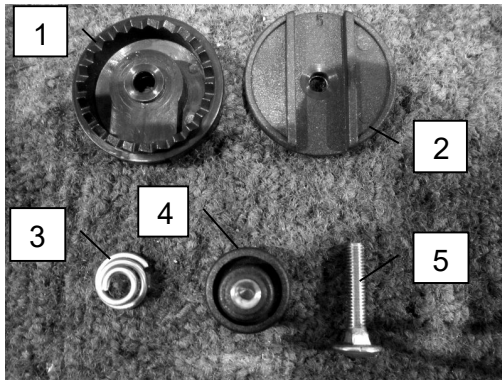


Fig 7.5.1

Left: The sun canopy adjustor parts:

- 1: Large Teeth Adjustor
- 2: Small Teeth Adjustor
- 3: Sun Canopy Spring
- 4: M5 Knurled Thumbscrew
- 5: M5 x 25 mm Coach Bolt

Right: the assembled left-hand frame fixing bracket (see Fig 7.5.2).



Fig 7.5.2

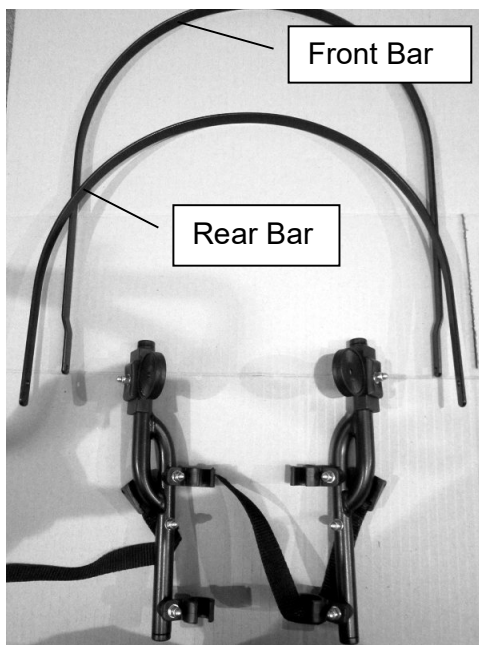


Fig 7.5.3

To assemble the sun canopy, lay out the 2 frame bars and 2 fixing brackets as shown (see Fig 7.5.3, left).

Take the front bar and feed into the front fitting tube in the cover as shown (see fig 7.5.4, right).

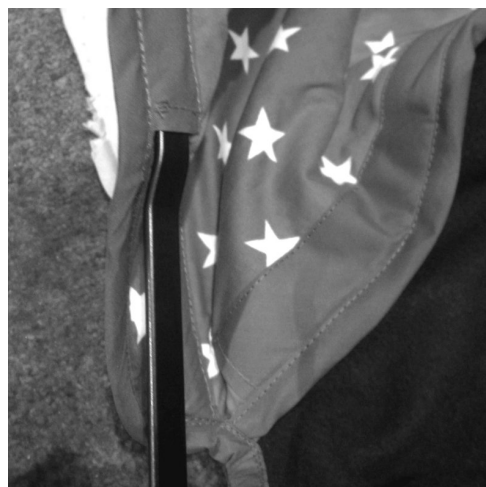


Fig 7.5.4



Fig 7.5.5

Left: The front frame bar fitted to the cover (see Fig 7.5.5).

Next, take the rear bar and feed into the rear fitting tube as shown (see fig 7.5.6, right).

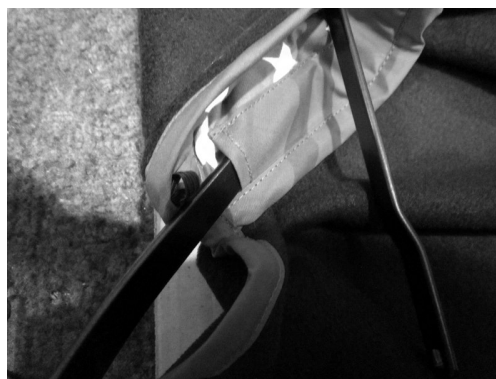


Fig 7.5.6



Fig 7.5.7

Left: The rear bar fitted into the cover (see Fig 7.5.7).

Next, fit the 'large teeth' canopy adjuster onto the end of the front bar as shown (see Fig 7.5.8, right). Push the adjuster onto the end of the rod until the hole in the adjuster lines up with the square cut out in the end of the rod.



Fig 7.5.8



Fig 7.5.9

Take the coach bolt and push it through the frame bar and adjuster so that the square neck of the bolt fits into the square cut out in the bar. Take the spring and push onto the other end of the bolt so that the large end of the spring fits over the mounting point on the adjuster as shown (see Fig 7.5.9, left).

Take the frame fixing bracket and fit onto the end of the bolt as shown (see Fig 7.5.10, right). Note the brackets are handed and will only fit one way around. Make sure the correct hand is used so that the large teeth on the bracket and plastic adjustor line up.



Fig 7.5.10



Fig 7.5.11

Take the 'small teeth' adjustor and fit over the end of the bolt. Thread the rear bar over the bolt so that it sits into the recess in the small teeth adjustor, and then secure with the thumb screw as shown (see Fig 7.5.11, left).

Finally, take the small elastic loop on the end of the cover, and hook over the thumbscrew as shown (see Fig 7.5.12, right).



Fig 7.5.12



Fig 7.5.13

To change the plastic clips on the frame fixing bracket, use a 3mm hexagon key and 8mm socket or spanner and undo the M5 bolt securing it in place.

Replace the part as needed, and re-assemble with the clip facing the front of the sun canopy in the following order:

M5 x 35mm bolt, frame fixing bracket, saddle washer, frame clip, washer and M5 nylock dome nut (see Fig 7.5.13, left).

Note do not reuse nylock nuts.

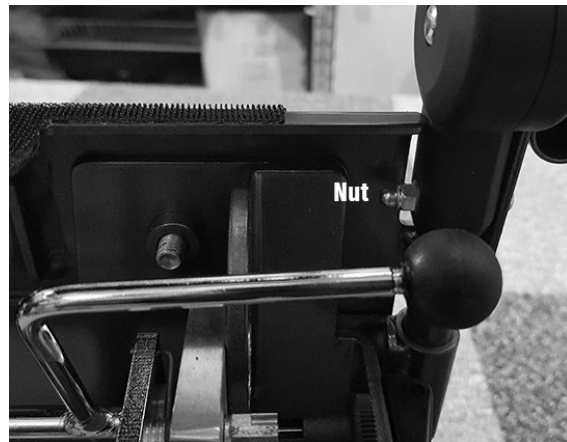
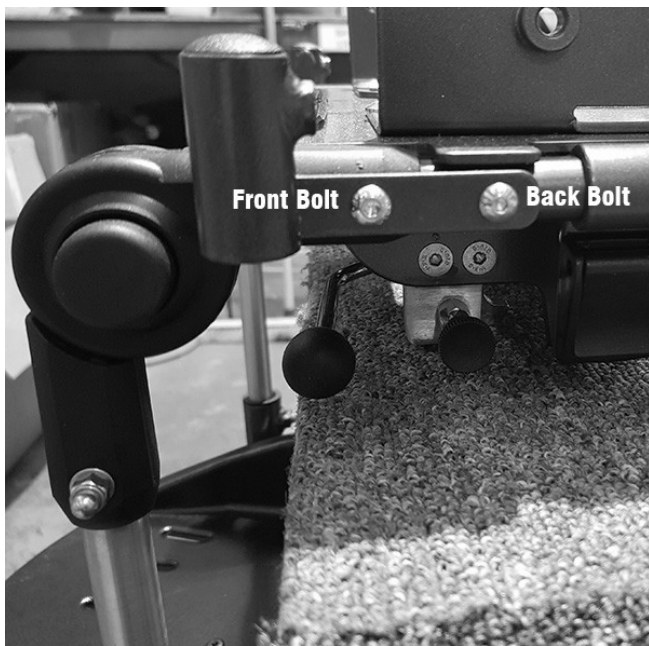
To dismantle the sun canopy, follow the reverse of these instructions.

7.6: Removing and Fitting Snappi Playtray receiver Brackets

Snappi playtray receiver brackets are supplied as standard on all Snappi pushchairs. The below instructions advise, if necessary, how you can remove and fit these brackets.

How to take off Snappi playtray receiver brackets

1. There are two silver bolts on the side (by the receiver brackets, see photo below), take the back bolt off first using the 3mm Allen Key. Behind this bolt is a white spacer. Take care not to lose this spacer. The spacer may be lodged in a little, if so, you can get this out by turning the playtray bracket which will loosen the spacer.
2. To remove the front bolt, put the 8mm spanner on the nut which is on the inside of the bracket (see photo below) and unto the bolt with the Allen key. Underneath the nut is a washer.
3. Repeat for the other side.



How to put on Snappi playtray receiver brackets

1. To refit the brackets, take the rear playtray bolt and put this through the back hole of the receiver bracket, put the white spacer on the bolt. Screw this back into the frame using the 3mm Allen key
2. Take the front bolt and wiggle it through the front hole. Tighten using the 3mm Allen key.
3. Put your washer and nut back on the end of the bolt and tighten using the 8mm spanner.
4. Tighten both the front and rear bolts with the Allen key until the playtray bracket doesn't wobble.
5. Repeat for the other side.

8: Fit the minimiser kit to the Snappi Seat:

The following instructions are for fitting a minimiser kit to a pre supplied seat, and should only be carried out by a competent tradesperson.

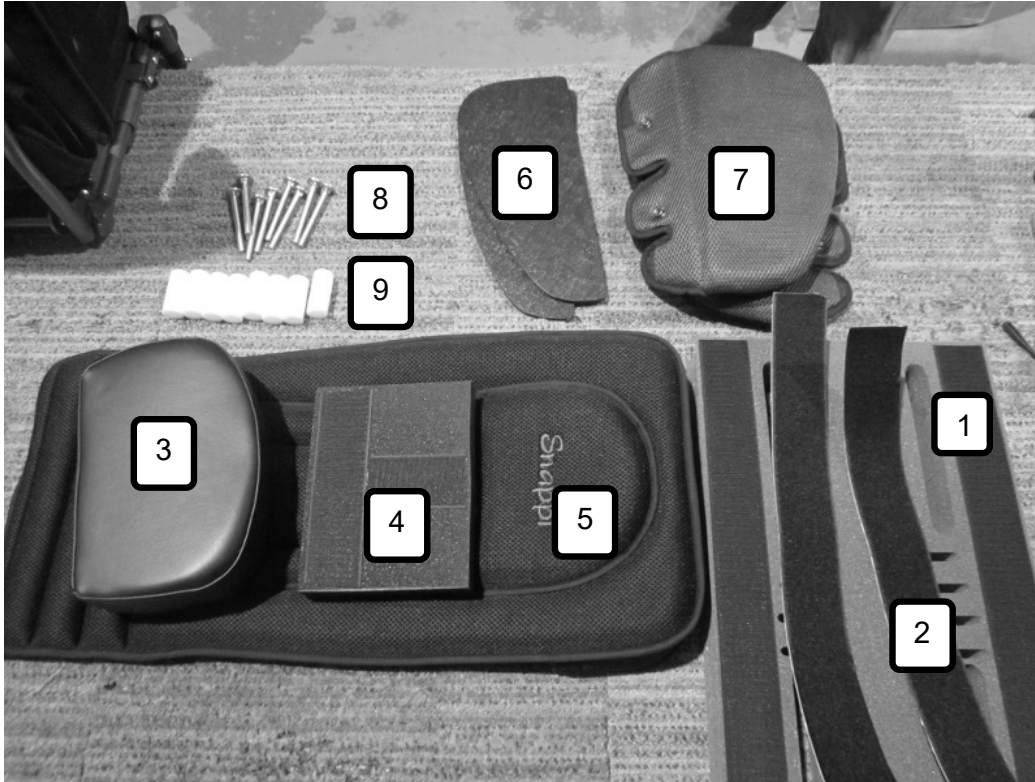


Fig 8.1: Minimiser kit components

1. 1 x 2" back pad
2. 2 x loop strips
3. 1 x 2" foot pad
4. 1 x 1" seat pad
5. 1 x Extended back cover
6. 2 x extended side wings
7. 2 x extended side wing covers
8. *Optional*: M8 x 80 coach bolts (only required if you wish to convert your existing lateral head / trunk supports to the minimiser version. 4 needed per set of laterals)
9. *Optional*: Minimiser Spacer bracket (only required if you wish to convert your existing lateral head / trunk supports to the minimiser version. 4 needed per set of laterals)
10. 8 x M5 x 16mm socket button bolts (not shown)
11. 8 x M5 Nylock Nuts (not shown)

Set the seat on a workbench



Fig 8.2



Fig 8.3

Remove all the covers and retain (the original parts are required to achieve full growth from the system).

Drill off the rivets holding on the plastic side wings using a 5mm drill bit. Store the standard side wings with the standard cover set for future use.

Please note, you will need to transfer the sunhood brackets on the existing side wings over to the minimiser side wing plastics you are fitting in order to use the Snappi sunhood.



Fig 8.4



Fig 8.5

To remove the sunhood bracket, undo the 2 x m5x16 bolts using a 8mm spanner and 3mm allen key.

You will now have 1 x sunhood bracket, 2 x m5x16 bolts, 2 x form a washers and 2 x m5 domenuts as shown in Fig 9.6. Repeat for the sunhood bracket on the other side wing. Put parts to the side for later fitting to extended (minimiser) side wings.

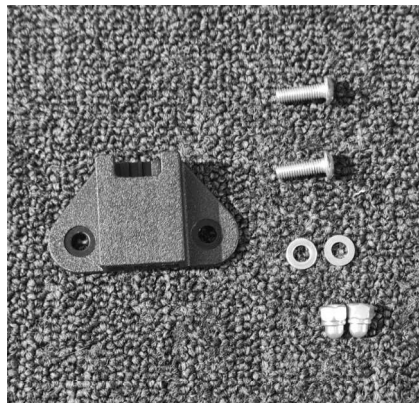


Fig 8.6



Fig 8.7

Fig 8.7, left: The seat with covers and side wings removed.

Recline the back of the seat and lay flat (for details on how to recline the seat please refer to the user manual). Degrease the back plate with a little white spirit, then wipe clean with a dry cloth as shown (see Fig 8.8, right).



Fig 8.8

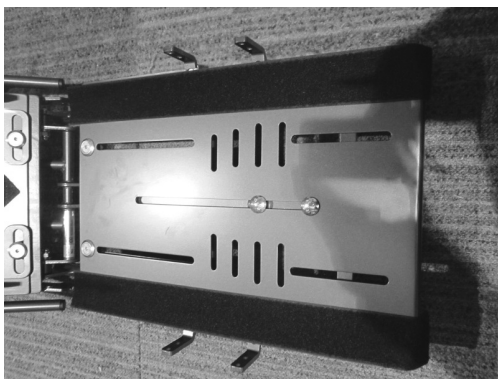


Fig 8.9

Peel off the backing tape from the two long strips of loop supplied in the kit and apply then to the outer edges of the back plate as shown (see Fig 8.9, left). Note that the supplied strips are longer than the backrest plate.

Trim off the excess loop at each end using a sharp knife as shown (see Fig 8.10, right).

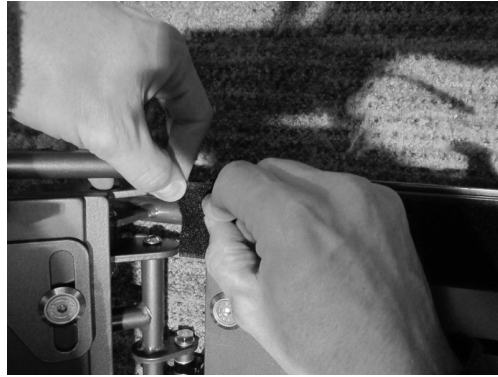


Fig 8.10



Fig 8.11

Fig 8.11, left: The seat with loop strips applied.

Take the extended (minimiser) side wings and place one of the supplied M5 x 16mm socket button bolts through the plate and into the upper mounting hole as shown in Fig 9.12, right.



Fig 8.12

Please note, your side wing plastic may not have all 4 x mounting holes predrilled in which case you need to drill these 3 x additional holes. The left side wing in Fig 9.13 has all mounting holes and the right side wing is missing 3 x mounting holes. Whether your wings will or will not have mounting holes depends upon when the wings were ordered as we need access to the Snappi to ensure correct alignment.

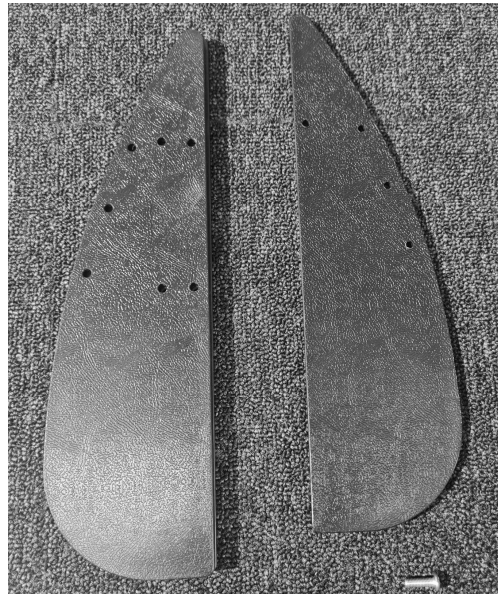


Fig 8.13



Fig 8.14

If your side wing does not have all 4 mounting holes, hold the plate in place such that the back edge is vertical and drill off the lower rear mounting hole.

Put another M5 x 16mm bolt through this and then drill off the two forward holes.

Remove the plate from the frame and deburr the 4 mounting holes as shown (see fig 8.15, right).



Fig 8.15

**Fig 8.16**

With all mounting holes drilled / if you have all mounting holes fit the plate to the seat using 4 x M5 x 16mm socket button bolts and 4 x Nylock nuts. The head of the socket button bolts and the plastic plate fit the inside of the seat, as shown in Fig 8.16, left.

Fit the sunhood receiver bracket to the side wing using the 2 x m5x16 bolts, 2 x form a washers and 2 x m5 domenuts you removed earlier. The sunhood bracket can be positioned in any of the out holes. Tighten using a 8mm spanner and a 3mm allen key. There are three positions for minimisers and 2 for size 1 side wings. The best position will depend upon the back height.

**Fig 8.17**

Repeat the above procedure for the other side plate and assemble onto the seat.

Fig 8.18, right: The seat with the extended side wing plates and sunhood brackets fitted.



Fig 8.18

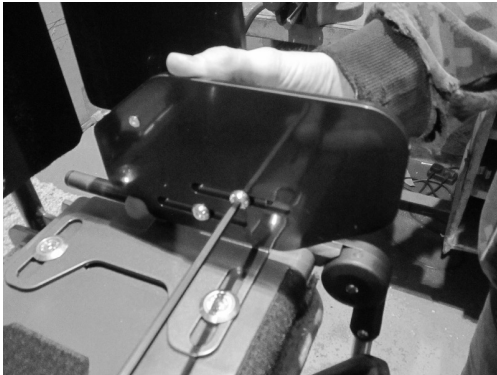


Fig 8.19

Next adjust the depth of the hip guide plates (if required) by loosening the 2 socket button bolts and sliding the plate forward.

The hip guides need to be positioned so the bolts are about 10mm from the back of the adjustment slots as shown in Fig 8.20; this is to provide clearance for the 2" back pad.



Fig 8.20

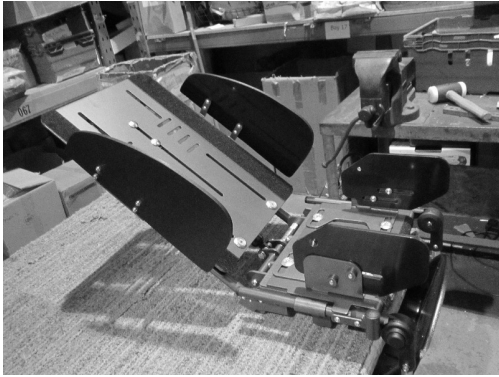


Fig 8.21

Recline the backrest of the seat- this is to provide easier access when fitting the back pad / cover.

Take the 2" back pad and align the slots in the back pad with the slots in the backrest plate- then push down to secure to the hook / loop strips.



Fig 8.22



Fig 8.23

Hook the extended backrest cover over the top of the backrest plate and 2" back pad as shown (see Fig 8.23, left). Clip the 2 x poppers in the cover to the mountings on the backrest plate.

Tuck the lower end of the back cover around the bottom of the backrest and behind the backrest plate as shown (see Fig 8.24, right).



Fig 8.24



Fig 8.25

Next fit the extended side wing covers by sliding over the plastic boards. Fold the extended tabs on the inside of the side wing cover around the plastic board and tuck under the outside of the cover- then clip the poppers together.



Fig 8.26

Position the 1" seat pad into the middle of the seat base, with the front edge of the pad lined up with the front edge of the seat place. Secure down onto the loop strip on the base plate as shown (see Fig 8.26, right).



Fig 8.27

Fit the original seat cover over the seat pad, tucking the excess cover in the gap between the seat base and backrest as shown in fig 8.27, left.

Fold the front edges of the seat cover down over the 1" pad so that it attaches to the loop strips on the front of the seat base as shown (see Fig 8.28, right).



Fig 8.28



Fig 8.29

Slide the original hip guide covers back over the hip guide plates and clip onto the poppers at the back of the plate as shown (see Fig 8.29, left).

Degrease the foot plate with a little white spirit then clean with a dry cloth.

Remove the backing tape from the hook / loop strip on the back of the footrest pad as shown (see Fig 8.30, right).



Fig 8.30



Fig 8.31

Press the foot pad firmly down onto the foot plate so that the hook / loop strip adheres to the plate.

Remove the foot pad- this should leave the loop strip in place on the footplate.



Fig 8.32



Fig 8.33

Fig 8.33, left: The seat with the minister kit fitted.

Note: The following instructions are only applicable if the seat being converted includes either lateral trunk supports or lateral head wings.

Place the M8 x 70mm coach bolts through the two slots in the lateral bracket (note the bracket is the same for either trunk supports or head supports), as shown in Fig 8.34, right.



Fig 8.34

**Fig 8.35**

Slide 2 x M8 x 50mm spacer bushes over the protruding end of the coach bolts from the other side of the bracket, as shown in Fig 8.35, left.

Feed the coach bolts / bushes through the slot in the cover and 2" back pad as shown in Fig 8.36, right.

Tuck the back of the lateral bracket under the back cover.

**Fig 8.36**



Fig 8.37

Use the original M8 thumb screws and screw onto the ends of the coach bolt to secure the lateral bracket or head support to the seat.

Note- the M8 washers are not required when fitting the laterals / head wings to the minimiser system.

Retain the original short coach bolts and washers for future use.

9: Convert a Snappi Minimiser to a Standard Seat:

All Snappi minimiser seat units come supplied with a set of standard brackets / covers to provide maximum growth. The following instructions detail how to switch from the minimiser kit to the standard supports.

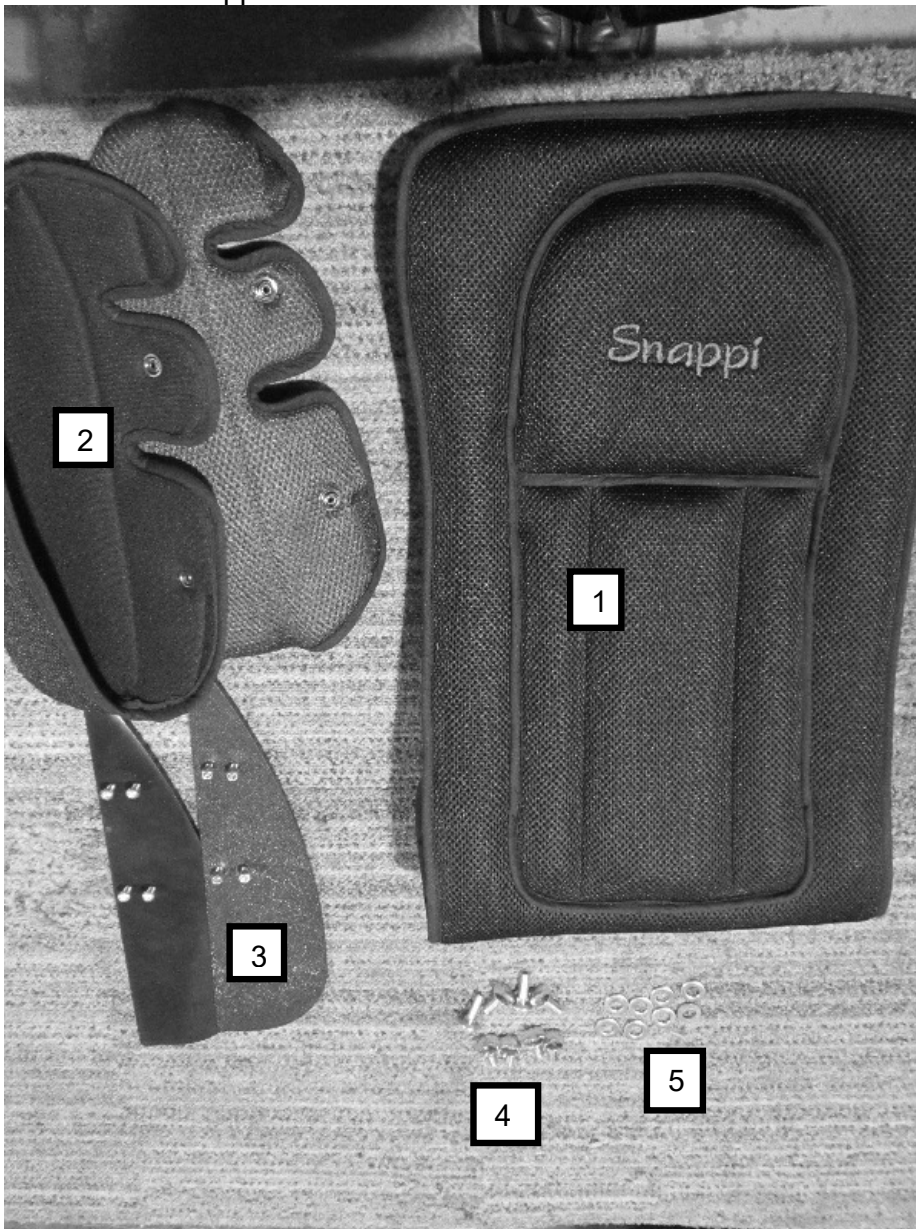


Fig 9.1: Parts for standard conversion

1. 1 x Standard Back Pad
2. 2 x Standard side wing covers
3. 2 x Standard side wing plates with m5 x 16 socket button bolts and M5 nylock nuts
4. *Optional* M8 x 25 coach bolts (only supplied if the seat has lateral trunk supports or lateral head wings) – 4 required by set of laterals
5. *Optional* M10 Washers (only supplied if the seat has lateral trunk supports or lateral head wings) – 4 required by set of laterals

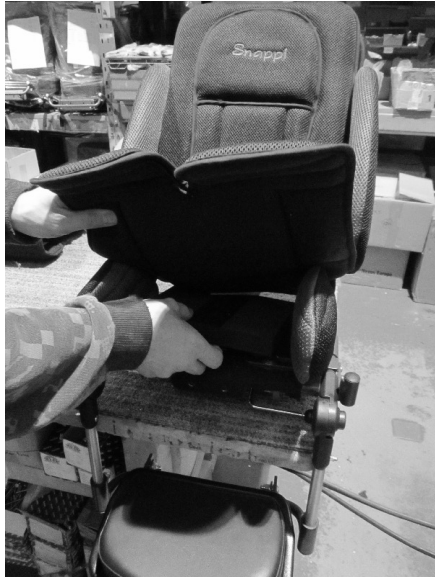


Fig 9.2

Place the seat onto a secure workbench and recline the backrest (this provides easier access to the covers / pads).

Remove the seat cover and 1" seat base pad as shown (see Fig 9.2, left).

Remove the back cover- untuck the bottom of the cover from around the bottom of the backrest, then unclip from the top of the seat as shown (see Fig 9.3, right).



Fig 9.3



Fig 9.4

Remove the 2" back pad to reveal the backrest board as shown (see Fig 9.4, left).

Unclip the side wing covers and remove as shown (see Fig 9.5, right).



Fig 9.5



Fig 9.6

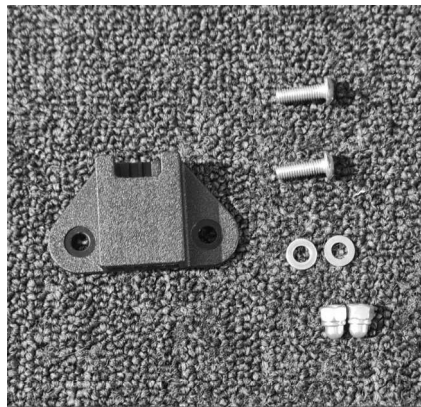
Unbolt the extended side wing plastic boards and remove from the seat.

**Fig 9.7**

Please note, you will need to transfer the sunhood brackets on the existing minimiser side wings over to the size 1 side wing plastics you are fitting in order to use the Snappi sunhood.

To remove the sunhood bracket, undo the 2 x m5x16 bolts using a 8mm spanner and 3mm allen key.

You will now have 1 x sunhood bracket, 2 x m5x16 bolts, 2 x form a washers and 2 x m5 domenuts as shown in Fig 9.8. Repeat for the sunhood bracket on the other side wing. Put parts to the side for later fitting to extended (minimiser) side wings.

**Fig 9.8****Fig 9.9**

Fit the standard side wing plastic boards; use the new nuts / bolts supplied with the boards.

The bolt heads and plastics go to the inside of the seat, as shown (see Fig 9.9, left).

Please note, if your side wing plastics do not have all 4 x mounting holes predrilled, you will need to enable fitting need to drill these 3 x additional holes. See Fig 9.13-15 for instructions.

Fit the sunhood receiver bracket to the side wing using the 2 x m5x16 bolts, 2 x form a washers and 2 x m5 domenuts you removed earlier. The sunhood bracket can be positioned in any of the out holes. Tighten using a 8mm spanner and a 3mm allen key. There are three positions for minimisers and 2 for size 1 side wings. The best position will depend upon the back height.

**Fig 9.10**

Fig 9.11, right: The seat with the standard side wing plastics fitted.

**Fig 9.11**



Fig 9.12

Fit the standard backrest cover onto the seat- hook the pocket on the top of the cover over the top of the seat back plate and clip the poppers onto the seat.

Tuck the bottom of the seat cover around the bottom of the back rest and tuck the excess cover up the back of the seat.

Fit the standard side wing covers onto the seat- the covers slot over then the extended flaps fold around the back of the side wing plate and tuck inside the outside of the cover.

Clip the side wing cover onto itself to secure.



Fig 9.13

**Fig 9.14**

Fit the original seat base cover into the seat- it will attach to the hook strip on the base of the seat. The excess seat cover tucks into the gap between the seat base and back rest (see Fig 9.14, left).

Note: The following instructions are only applicable if the seat being converted includes either lateral trunk supports or lateral head wings.

Place the two M8 x 25 coach bolts through the slots in the lateral / head wing bracket.

Slide the bracket through the slot in the cover so that it sits against the backrest with the coach bolts protruding through the corresponding vertical slot in the back rest.

Place an M8 washer on each coach bolt on the back of the seat as shown (see Fig 9.15, right).

**Fig 9.15**



Fig 9.16

Secure the lateral or head wing bracket in place using the M8 thumb screws (removed when dismantling the minimiser kit).

Right 9.17, right: The seat converted back to a standard seat with a pair of lateral trunk supports fitted.



Fig 9.17

10: Cleaning

1. To clean the seat frame interface, wipe with a damp cloth and dry thoroughly.
2. For more stubborn stains wipe with a damp cloth and warm water in which a little mild soap has been dissolved. Dry thoroughly
3. Never use furniture polish or any spirit to clean the frame.

11: Parts Lists

Please refer to the appropriate parts list and exploded diagram for the part of the system you are interested in. The pages available that apply to this manual are;

- Seat parts list (applies to both sizes of seat unit)
- Sun Canopy Parts List (applies to both sizes of canopy)

12: Disposal



When a product reaches the end of its lifetime, it should be separated by material type so the parts can be recycled or disposed of properly. If required, please contact Tendercare Ltd for a precise description of each material. Please contact your local authorities to be informed of the options available for recycling in an environmentally friendly way.