

# ARJOHUNTLEIGH

## ENTERPRISE™ OVERBED & OVERCHAIR TABLES

MODELS  
PT10, PT11, PT20, PT21

## SERVICE MANUAL

**Build Level 04**  
**Document Reference: 746-414**

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## Warnings and Cautions

**WARNINGS** given in this manual identify possible hazards in procedures or conditions, which if not correctly followed, could result in death, injury or other serious adverse reactions.

**Cautions** given in this manual identify possible hazards in procedures or conditions, which if not correctly followed, could result in equipment damage or failure.

### WARNING

**The carer should ensure the table is correctly positioned and adjusted to allow the patient to use it safely and comfortably.**

**Do not lean or sit on the table.**

**Do not exceed the Safe Working Load of 25kg evenly distributed.**



### Caution

**Take care when moving the table over rough or uneven surfaces. Lift the table over large ridges and wide gaps.**

## 1. Introduction

The **Huntleigh Healthcare PT10, PT11, PT20 and PT21** are overbed / overchair tables that provide patients with a firm, flat surface suitable for eating, writing, reading, etc. Single-column construction and adjustable height makes them suitable for use with most types of beds and chairs.

Models PT10 and PT20 have a fixed one-piece top surface.

Models PT11 and PT21 have a two-piece top surface with adjustable tilt.

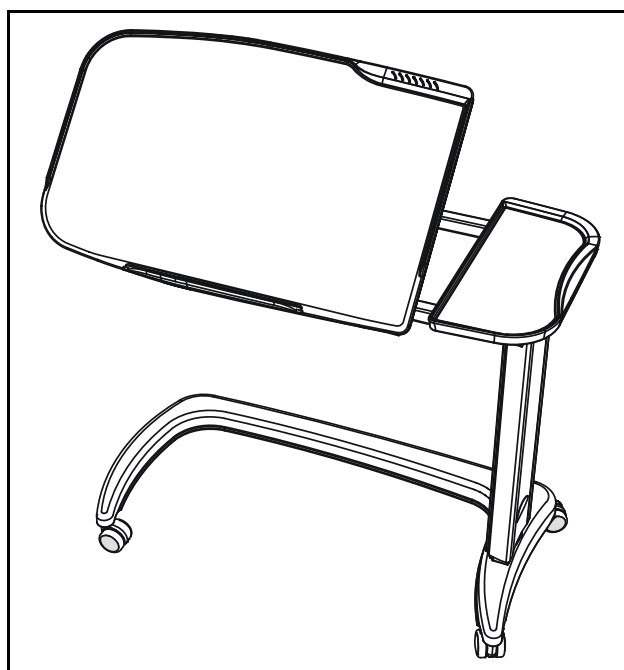
Models PT20 and PT21 have a vanity tray fitted below the table.

All models have the following features:

- Wipe-clean top with raised moulded edges
- Base design allows the table to be used over either a bed or a chair
- Gas spring assisted height adjustment
- Castors for ease of mobility
- Range of colours and finishes



**Model PT10 with fixed top**



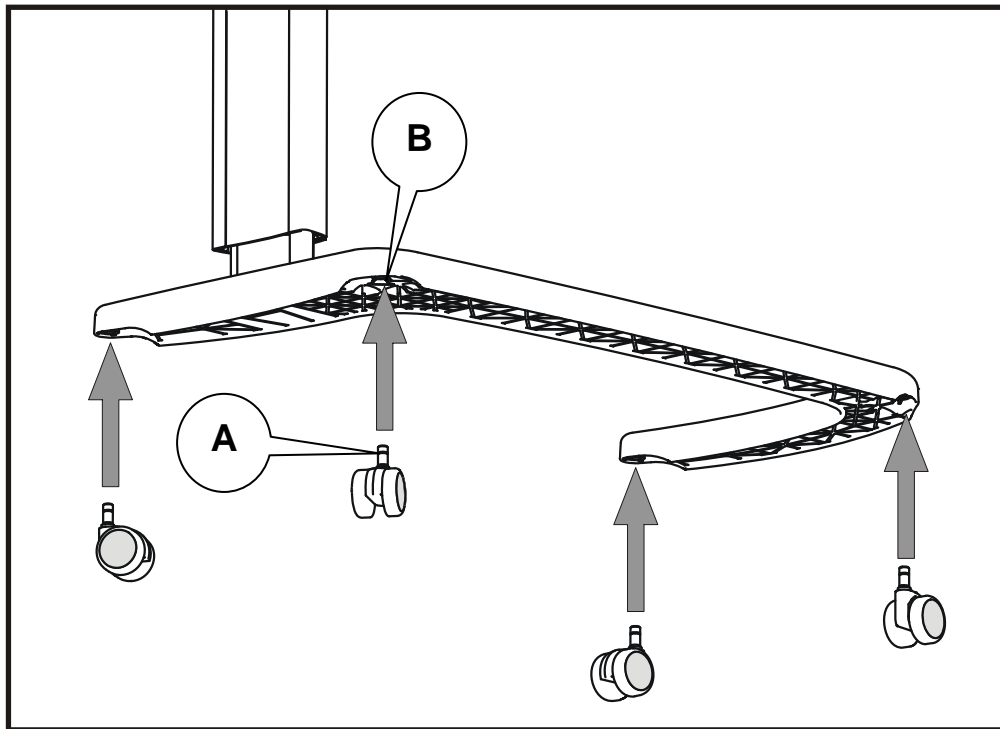
**Model PT11 with tilting top**

## 2. Assembly

### General

The table may be supplied with the castors packed separately to prevent transit damage.

Fit the four castors by pushing the castor stems (A) into the sockets on the table base (B) until the castors lock into position.



**Fitting the castors**

### 3. Operation

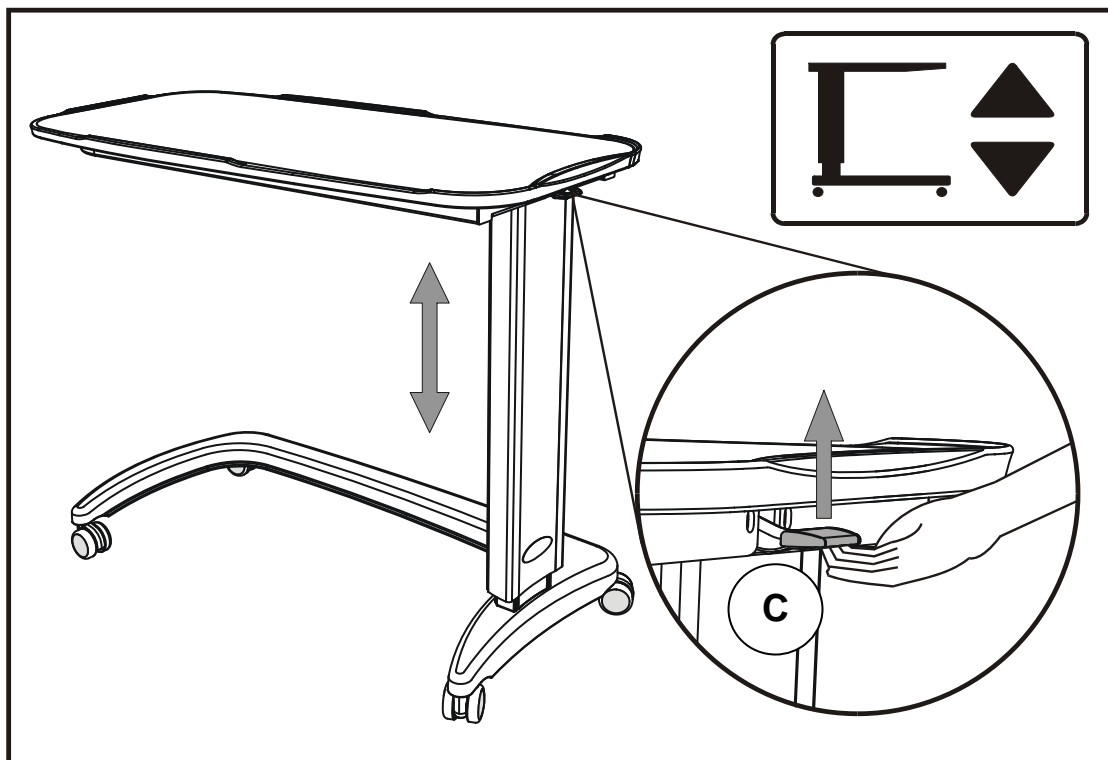
#### Height Adjustment

*To lower the table height:*

Lift the height adjustment lever (C) and push the table down.

*To raise the table height:*

Lift the height adjustment lever (C) and allow the table to rise under the action of the internal gas spring.



**Height adjustment**

**Tilt  
Adjustment  
(models PT11  
& PT21)**

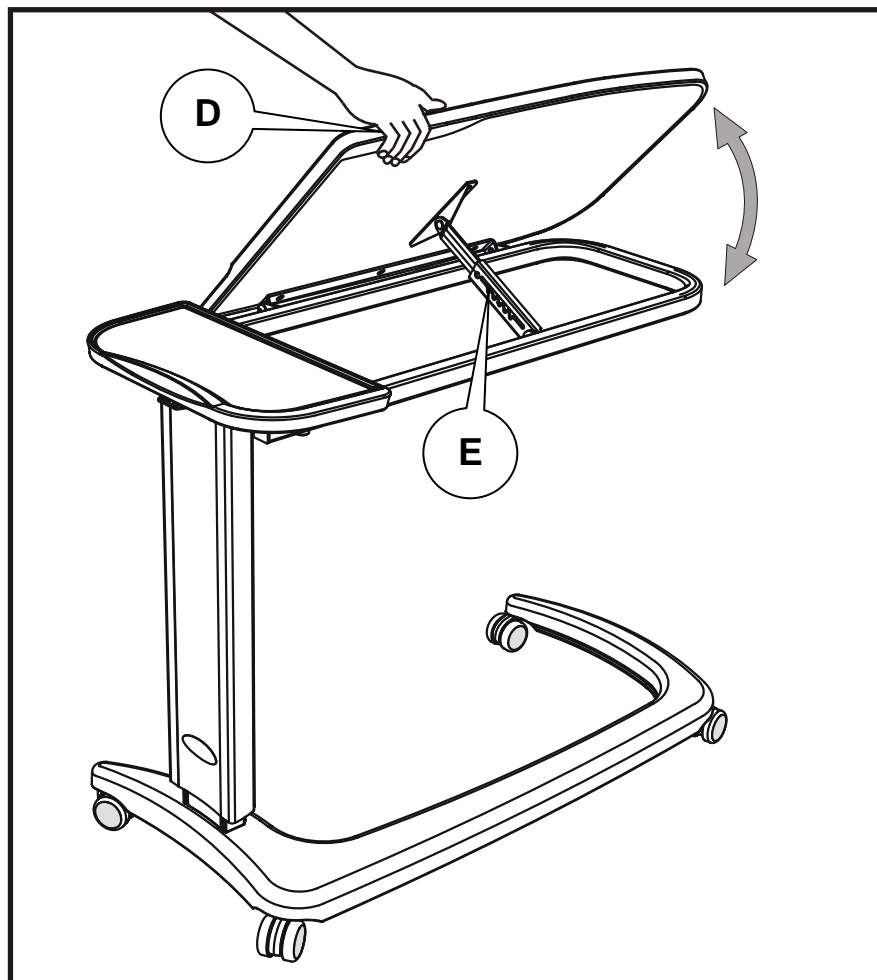
The tilt angle of the table may be adjusted to one of six positions.

*To increase the tilt angle:*

Hold the edge of the table as shown (D). Lift the table until the ratchet (E) engages at the required position.

*To reduce the tilt angle:*

Hold the edge of the table as shown (D). Lift the table as far as it will go, then lower it back to the flat position.



**Tilt adjustment**

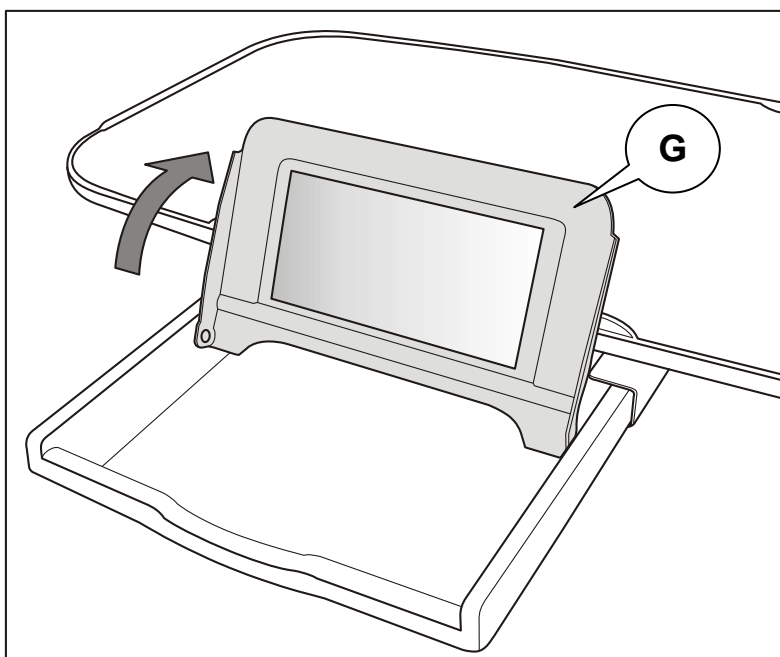
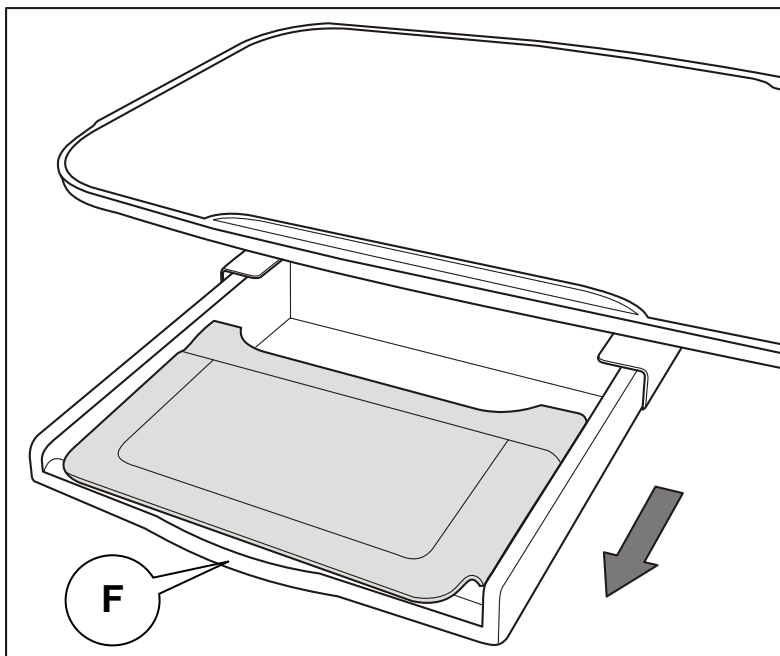
**WARNING**

**Take care not to trap hands or fingers between the fixed and movable parts of the table**

**Vanity Tray  
(models PT20  
& PT21)**

The vanity tray, which includes a folding mirror, can be used for storing small items such as cosmetics.

Pull the vanity tray out from below the table (F). Lift up the mirror (G) into the upright position.



**Vanity tray and mirror**

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## 4. Cleaning and Maintenance

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### Cleaning

Wearing suitable protective clothing, clean all surfaces with a disposable cloth soaked in a neutral detergent and hand hot water.

Start by cleaning the upper sections of the table and work along all horizontal surfaces. Work methodically towards the lower sections of the table and clean the castors last. Take extra care to clean areas that may trap dust or dirt.

Rinse with clean water and dry with disposable paper towels.

### Disinfecting

After cleaning the table as described above, wipe all surfaces with sodium dichloroisocyanurate (NaDCC) at a concentration of 1,000 parts per million (0.1%) of available chlorine.

In the case of pooling body fluids, e.g. blood, the concentration of NaDCC should be increased to 10,000 parts per million (1%) of available chlorine.

### Caution

**Avoid excessive wetting of the product, particularly the table top**

**Do not use abrasive compounds or pads**

**Do not use phenol-based disinfectants**

### Maintenance

The following preventive maintenance procedures should be carried out at intervals of 12 months. All service or repair activities must be carried out by properly qualified and trained persons approved by Huntleigh Healthcare.

Check that the height adjustment mechanism functions smoothly and that the table locks securely in position over the full range of table height.

Make sure all four castors are securely fixed to the base and that they swivel and rotate freely. Remove any debris that may have been picked up by the wheels.

*Models PT11 & PT21 only:* check that the table locks securely at each tilt position.



## 5. Servicing Instructions

These tables are designed to provide years of service, however after prolonged or improper use the castors, gas spring, column rollers or tilt ratchet mechanism (Rastomat) may become worn or damaged. This chapter contains instructions for replacing these items. No special tools are required.



*In the following procedures, numbers in bracket refer to the item identifier on the drawings in Appendix A, e.g. (1-12) indicates item 12 on Sheet 1.*

### WARNING

**Use only replacement spare parts that are approved by Huntleigh Healthcare**

**Dispose of waste materials and components safely in accordance with all applicable national and local regulations**

### 5.1 Castors – Replacement

Using a suitable flat bladed tool, e.g. a screwdriver, lever the faulty castor (1-18)/(2-18) out of the base casting. Fit the new castor by pushing the castor stem into the hole in the base until it “clicks” into position.

### 5.2 Gas Spring – Removal

#### WARNING

**The gas spring contains air and oil under high pressure - do not attempt to open it**

**Do not push the piston fully into the gas spring body as this may damage the seal and cause oil to be expelled**

- a) Raise the table to maximum height. Support the table frame (1-6)/(2-6) on a suitable surface (e.g. another table) from below.
- b) *PT10/PT20 only*: prise off the four screw covers (1-9) on the underside of the table frame. Remove the four screws (1-8), together with the screw cover bases (1-7), and lift off the table top.
- c) *PT11/PT21 only*: prise off the two screw covers (2-10) on the underside of the table frame. Remove the two screws (2-9), together with the screw cover bases (2-8), and lift off the fixed table section.

- d) Remove the four screws (1-5)/(2-5) attaching the outer column (1-11)/(2-11) to the table frame. **WARNING: Do not allow the outer column to fall when the screws are removed.** Lower the outer column and rest it on the base.
- e) Undo the two screws (1-1)/(2-1) securing the table frame to the gas spring support casting (1-26)/(2-32). Remove the base and column assembly from the table frame.
- f) Lay the base and column assembly on its side to allow access to the underside. Undo the four screws (1-15)/(2-15) below the base and slide the inner column (1-20)/(2-20) and outer column off the base, exposing the gas spring (1-24)/(2-30).
- g) Undo the large nut (1-17)/(2-17) below the base and retain the serrated washer (1-16)/(2-16). Pull the gas spring out of the hole in the base.
- h) Undo the nut (1-25)/(2-31) at the top of the gas spring and unscrew the gas spring support casting. Dispose of the used gas spring safely, in accordance with local regulations.

### 5.3 Gas Spring – Installation

- a) Fit the new gas spring (1-24)/(2-30) by pushing the thread through the hole in the base. Attach the gas spring with the serrated washer (1-16)/(2-16) and large nut (1-17)/(2-17) on the underside of the base.
- b) Screw the gas spring support casting (1-26)/(2-32) onto the threaded end of the gas spring piston, until the piston just protrudes above the casting (X = 0.5 - 1.5mm in Figure 5-1). Secure the casting by tightening the nut (1-25)/(2-31) underneath it.

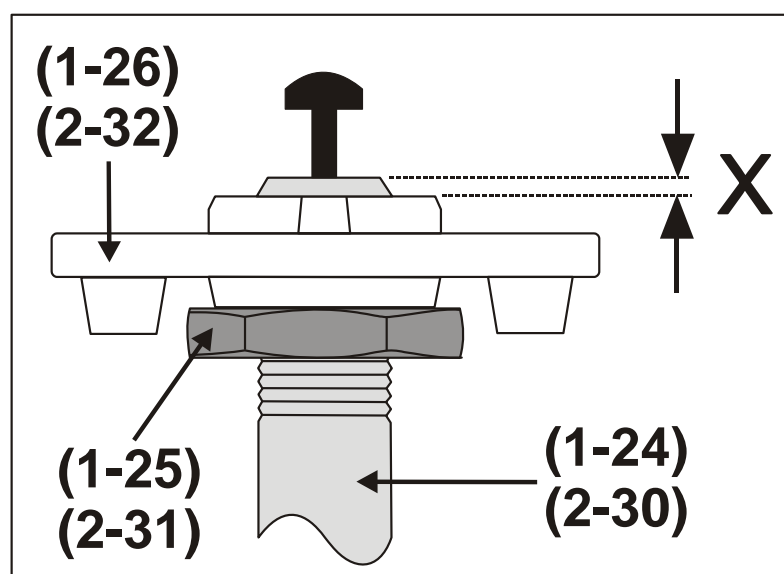


Figure 5-1 Gas spring support casting adjustment

- c) Slide the column assembly over the gas spring. Secure the inner column (1-20)/(2-20) to the base with the four hex head screws.
- d) Position the base and column assembly upright below the table frame (1-6)/(2-6). Secure the gas spring casting to the frame and release handle assembly using two screws (1-1)/(2-1). Lift up the outer column (1-11)/(2-11) and attach it to the table frame using four bolts (1-5)/(2-5).
- e) *PT10/PT20 only*: replace the table top on the frame. Secure from below with four screws (1-8) with screw cover bases (1-7) attached. Replace the four screw covers (1-9).
- f) *PT11/PT21 only*: replace the fixed part of the table top on the frame. Secure from below with two screws (2-9) with screw cover bases (2-8) attached. Replace the screw covers (2-10).

#### **5.4 Roller Assembly – Replacement**

- a) Disassemble the table far enough to access the column assembly, as given in Section 5.2, paragraphs a) to f).
- b) Slide the inner column (1-20)/(2-20) out of the outer column (1-11)/(2-11), just far enough to expose the roller assemblies (1-22 & 1-23)/(2-22 & 2-23). Remove two screws (1-21)/(2-21) to detach the roller assembly from the inner column.
- c) Fit the new roller assemblies (1-22 & 1-23)/(2-22 & 2-23) and secure each with two screws (1-21)/(2-21). N.B. make sure each roller assembly is fitted on the correct side of the inner column. Do not over-tighten the fixing screws – the rollers should rotate freely.
- d) Slide the inner column into the outer column. Reassemble the table as given in Section 5.3, paragraphs c) to f).

#### **5.5 Rastomat Assembly – Replacement (PT11 & PT21 only)**

- a) Prise off and discard the capped starlock washer (2-29) used to attach the Rastomat assembly (2-28) to the table frame (2-6).
- b) Undo two Ejoyt screws (2-27) to release the Rastomat assembly from the tilting table section.
- c) Fitting of the new Rastomat assembly is the reverse of the removal procedure. Use a new capped starlock washer (2-29) to secure the Rastomat assembly to the table frame.

### **5.5 Vanity Tray Assembly – Replacement (PT20 & PT21 only)**

- a) Remove the four self tapping screws (05-6) that attach the tray runners (5-2) and (5-4) to the table frame (1-6)/(2-6).
- b) Replacement is the reverse of the removal procedure. N.B. make sure the tray runners are replaced in the correct positions.

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## 6. Warranty and Service

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Huntleigh Healthcare's standard terms and conditions apply to all sales. A copy is available on request. These contain full details of warranty terms and do not limit the statutory rights of the consumer.

For service, maintenance and any questions regarding this, or any other Huntleigh product, please contact:

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Internet [www.arjohuntleigh.com](http://www.arjohuntleigh.com)

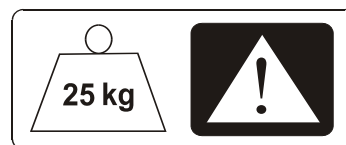
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## 7. Dimensions and Data

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### PT10, PT11, PT20 and PT21 Overbed / Overchair Tables

Table top dimensions	90 x 42 cm max.
Height adjustment range	71 to 108 cm
Tilt angles (approx.)	0°/24°/31°/37°/42°/47° ( <i>PT11 &amp; PT21 only</i> )
Product weight (approx.)	17 kg
Safe working load	25 kg evenly distributed



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## APPENDIX A - ASSEMBLY SPARES MANUAL

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The Assembly Spares Manual is for the identification and requisition of replaceable parts. It contains assembly drawings of the equipment and sub-assemblies. Each drawing sheet is accompanied by its related parts list.

Refer to the servicing instructions given in Chapter 7 to identify the applicable drawing sheet number. Find the part on the drawing and note the item number, which is given in a balloon, e.g. ①. Refer to the related parts list for information regarding the part.

Sometimes a number of identical parts may appear in different locations but only one will be identified with a balloon. The number in the “Qty” column of the parts list indicates the total number of times that the part appears in the drawing.

When a part has optional variations, the last column(s) of the parts list refers to a separate drawing sheet defining the choices.

## Service Manual Amendments Sheet

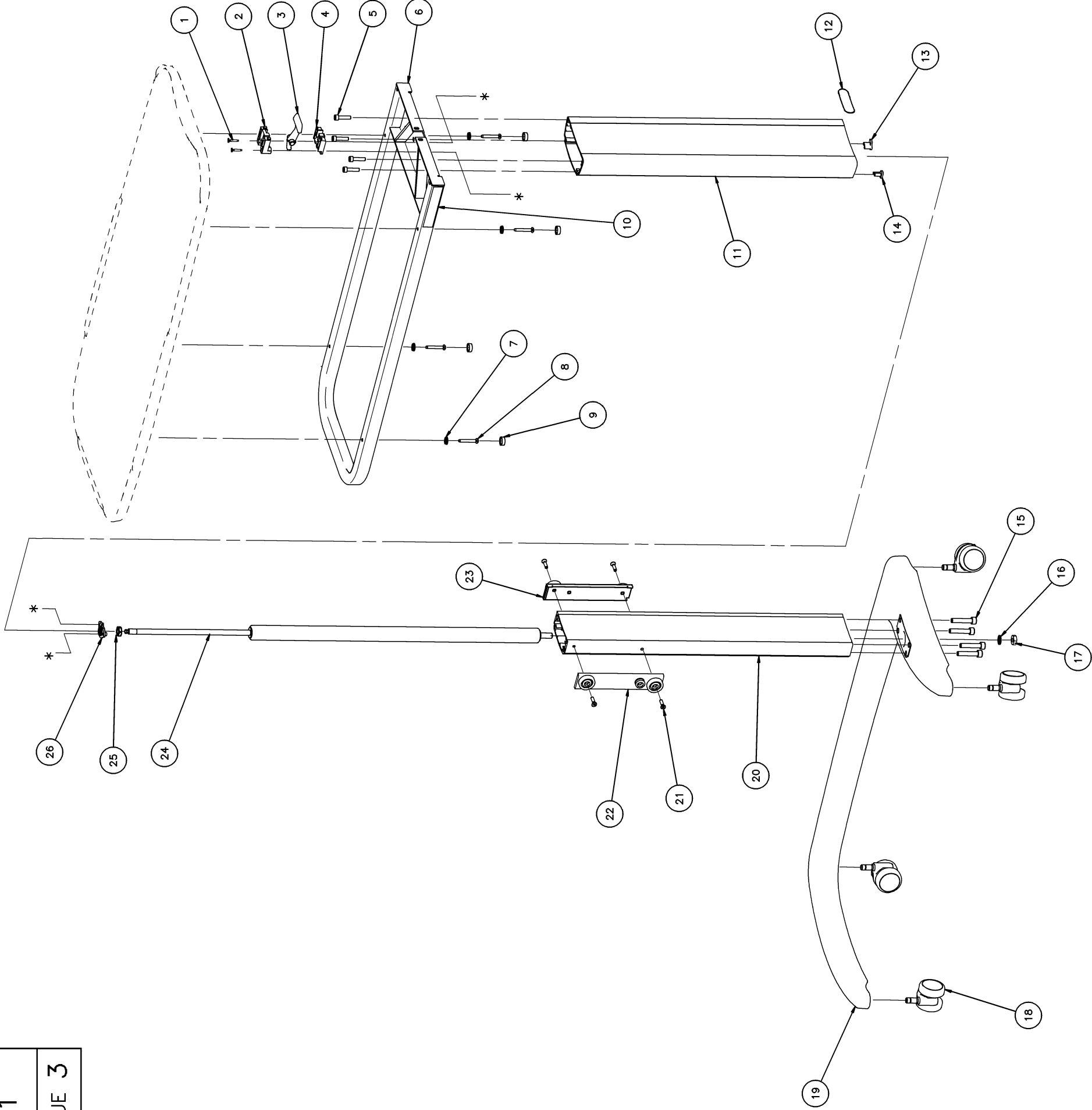
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## Product – Overbed Tables PT10, PT11, PT20 & PT21


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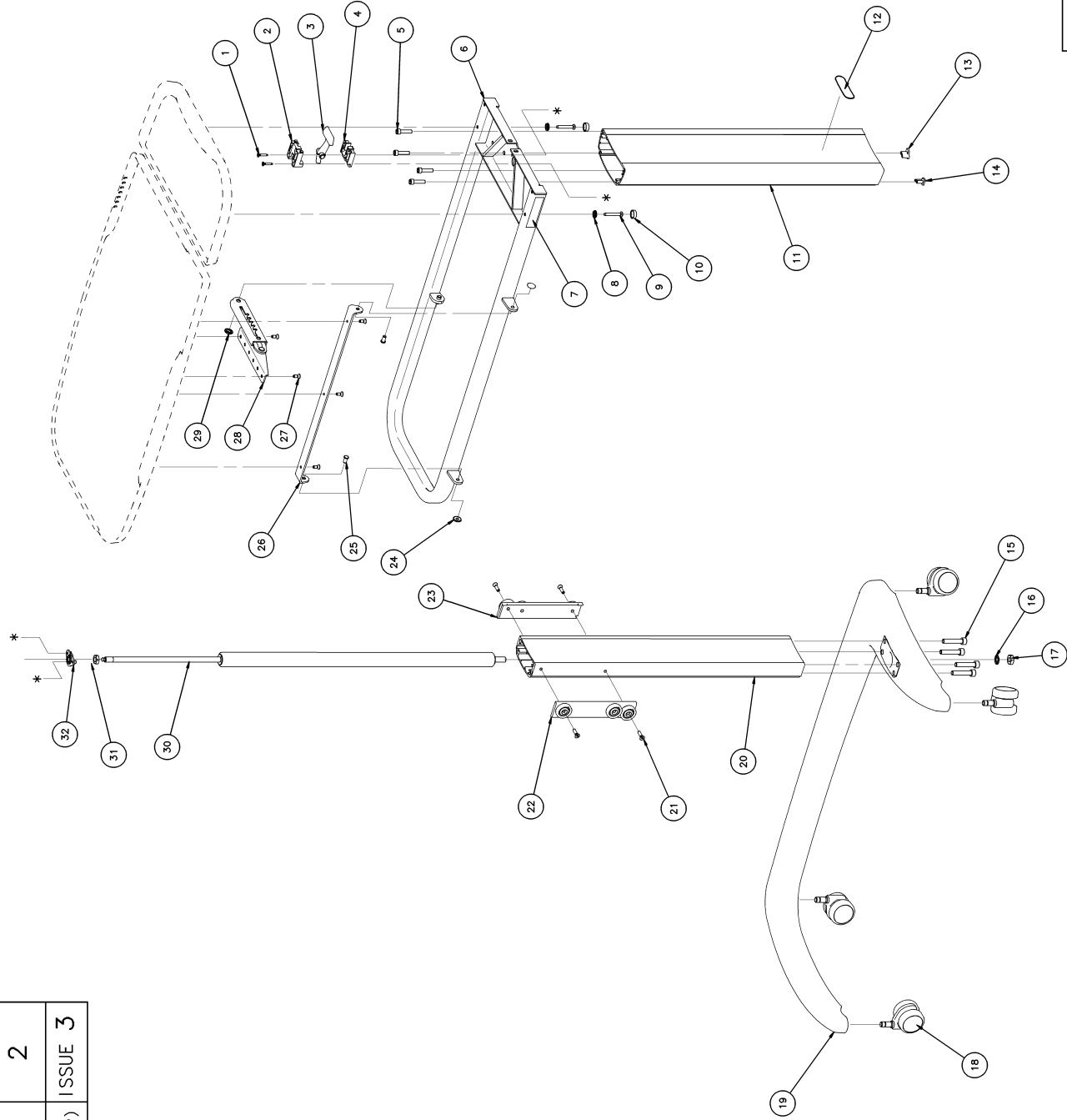


 <b>Huntleigh Healthcare</b> Nesbit Evans Products Division		PRODUCT	1	SHEET No
		OVERBED TABLE PT10/PT20		
DRWG NO	TITLE			
814.87etc	TABLE ASSY MODULE (STANDARD)	ISSUE 3		





 <b>Huntleigh Healthcare</b> Nesbit Evans Products Division			<b>PRODUCT</b> OVERBED TABLE PT10/PT20	1 OF 1	<b>SHEET No</b> 1
<b>DRWG NO</b> 814.87etc			<b>TITLE</b> TABLE ASSY MODULE (STANDARD)	<b>ISSUE</b> 3	
ITEM	PART No	QTY	DESCRIPTION	814.663 WITH V-TRAY	814.87 W-OUT V-TRAY
1	S1632	2	Ejot CskHd PT DG Dia3.5x20 Lg		
2	814.35	1	Rel Handle Pivot Mding Upper		
3	814.32	1	Table Release Lever		
4	814.34	1	Rel Handle Pivot Mding Lower		
5	S1713	4	Skt Cap Screw M6x25		
6	814.19	1	Table Sup Fabn Non-Tilting		
7	S6548	4	Screw Cover Base		
8	S1640	4	Ejot FHd PT Dia5x35Lg		
9	S6549	4	Screw Cover Cap White		
10	760.270	1	Specification Label		
11	814.04	1	Outer Column		
12	818.201	1	*Huntleigh* Label		
13	814.148	1	O-Bed Table Column Guide RH		
14	814.149	1	O-Bed Table Column Guide LH		
15	S1737	4	Skt Cap Screw M8x40		
16	S1202	1	Shake Proof Washer M10		
17	S1903	1	Locknut M10		
18	S6369	4	ø 50 Twin Wheel Castor Dia10 Pin		
19	814.33	1	O-Bed Table Base Casting		
20	814.05	1	Inner Column		
21	S4608	4	Taptite C/Sk M5x20Lg		
22	814.26	1	RollerAssy LH		
23	814.27	1	RollerAssy RH		
24	814.24	1	Lockable (Ext Only) GasSpring 375 Stroke		
25	*	1	HexNut M8x1x5Thk		
26	814.31	1	Gas Spring Support Casting		
27	814.655	-	Vanity Tray Assy (SEE SHT 5)	1	-
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31			* NOTE supplied with gas-spring		
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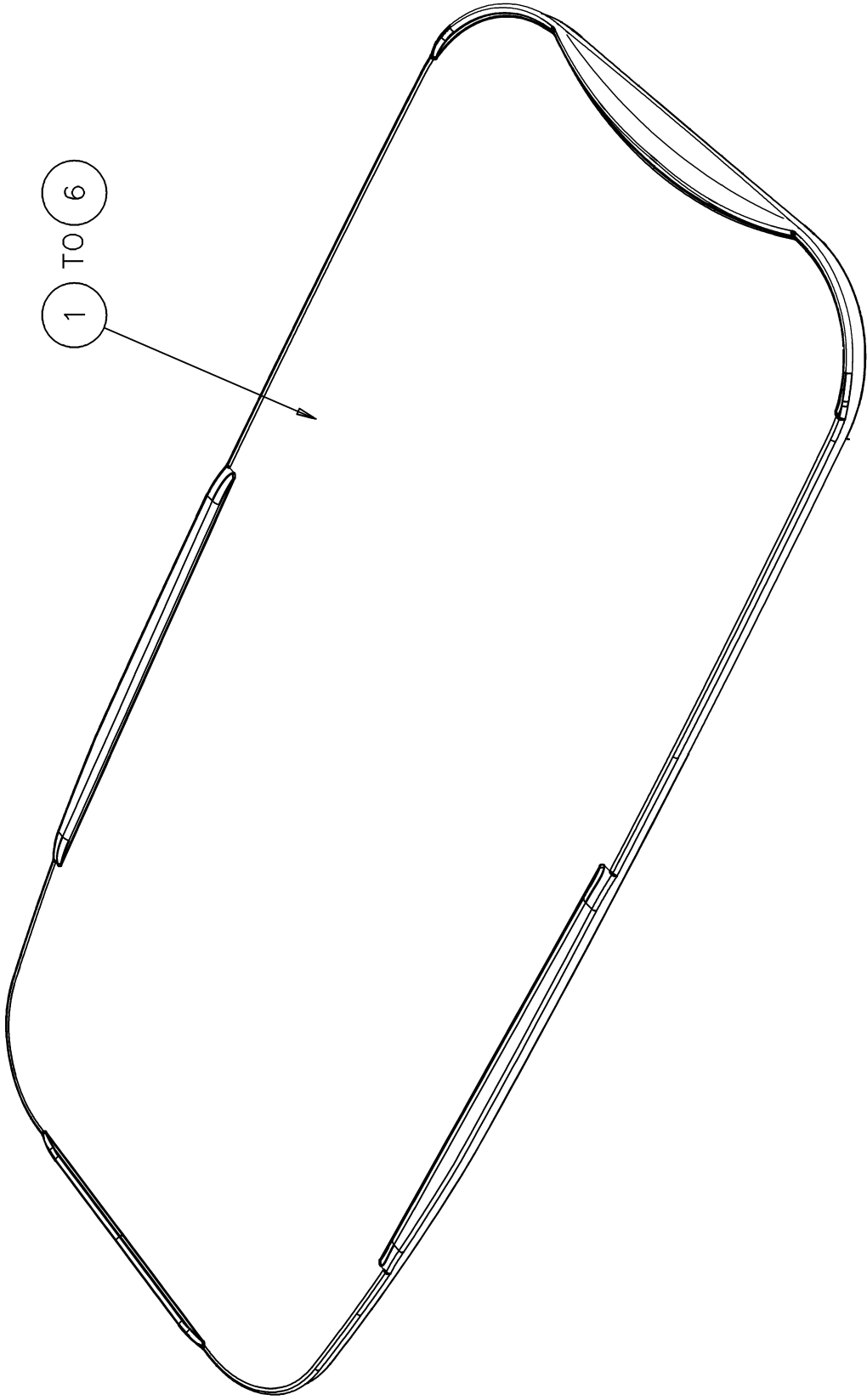
 <b>Huntleigh Healthcare</b> Nashit Brain Products Division	<b>PRODUCT</b> OVERBED TABLE PT11/PT21	<b>SHEET No</b> 2
<b>FORM NO</b> 814.25etc	<b>TITLE</b> TABLE ASSY MODULE (TILTING TOP)	<b>ISSUE 3</b>





VANITY TRAY KIT NOT SHOWN, SEE SHEET 5

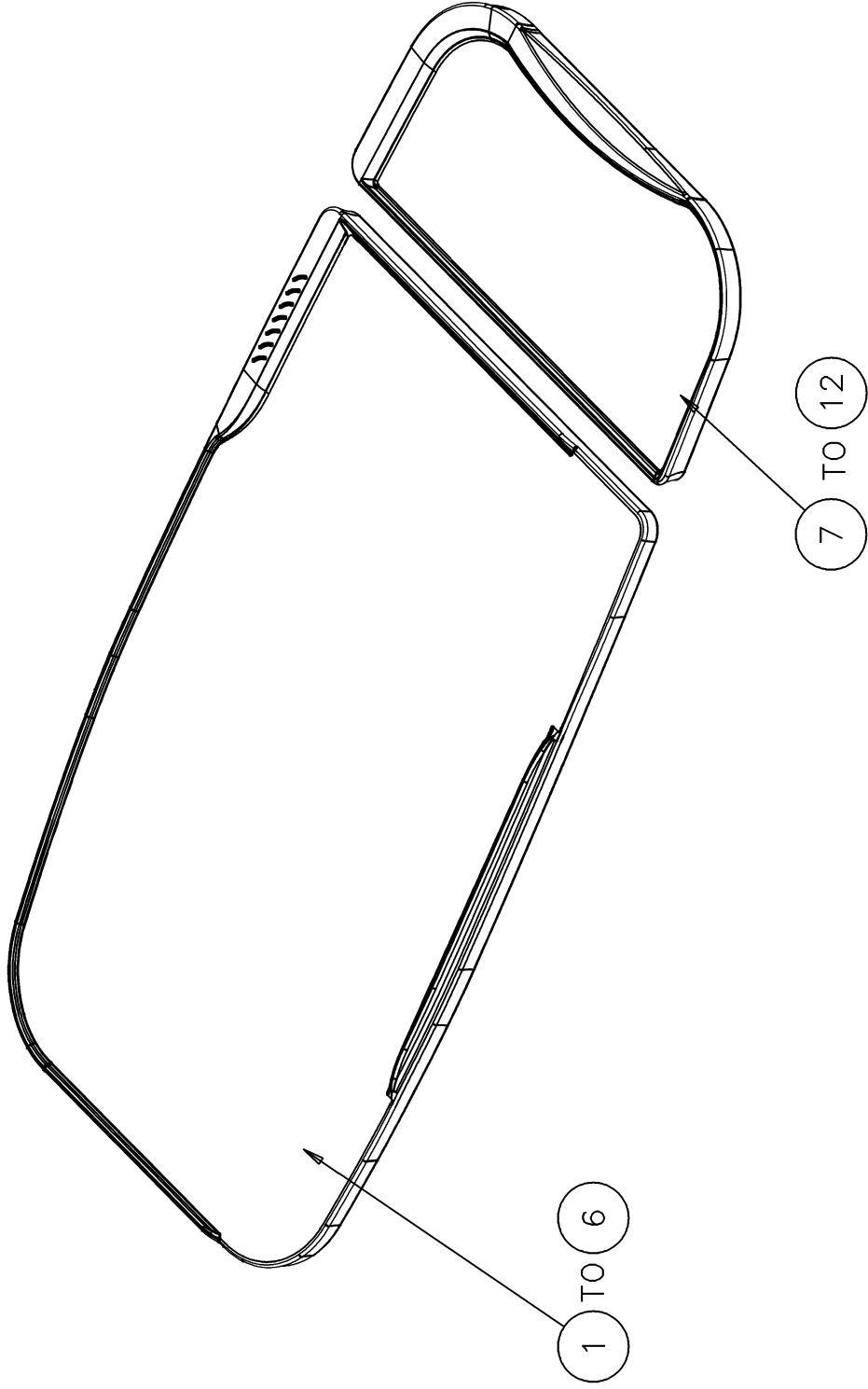
 <b>Huntleigh Healthcare</b> Nesbit Evans Products Division			PRODUCT <b>OVERBED TABLE PT11/PT21</b>		1 OF 1		SHEET No <b>2</b>	
DRWG NO <b>814.25etc</b>			TITLE <b>TABLE ASSY MODULE (TILT TOP)</b>			ISSUE <b>3</b>		
ITEM	PART No	QTY	DESCRIPTION			814.662 WITH V-TRAY		814.25 W-OUT V-TRAY
1	S1632	2	Ejot CskHd PT DG Dia3.5x20 Lg					
2	814.35	1	Rel Handle Pivot Mding Upper					
3	814.32	1	Table Release Lever					
4	814.34	1	Rel Handle Pivot Mding Lower					
5	S1713	4	Skt Cap Screw M6x25					
6	814.11	1	Table Sup Fabn Tilting					
7	760.270	1	Specification Label					
8	S6548	2	Screw Cover Base					
9	S1640	2	Ejot FHd PT Dia5x35Lg					
10	S6549	2	Screw Cover Cap White					
11	814.04	1	Outer Column Table					
12	818.201	1	"Huntleigh" Label					
13	814.148	1	O-Bed Table Column Guide RH					
14	814.149	1	O-Bed Table Column Guide LH					
15	S1737	4	Skt Cap Screw M8x40 Lg					
16	S1202	1	M10 Shakeproof Washer					
17	S1903	1	M10 Locknut					
18	S6369	4	ø50 Twin Wheel Castor Dia10 Pin					
19	814.33	1	O-Bed Table Base Casting					
20	814.05	1	Inner Column Table					
21	S4608	4	Taptite C/Sk M5x20 Lg					
22	814.26	1	RollerAssy LH					
23	814.27	1	RollerAssy RH					
24	S4815	2	CappedSLock Dia 6					
25	S3839	2	ClevisPin 6x12					
26	814.22	1	TableTopHinge					
27	S1641	5	Ejot CskHd PT Dia5x12 Lg					
28	S6819	1	Rastomat 5Pos&BrktAssy					
29	S4804	1	CappedSLock Dia8					
30	814.24	1	Lockable (Ext Only) GasSpring 375 Stroke					
31	*	1	HexNut M10					
32	814.31	1	Gas Spring Support Casting					
33	814.655	-	Vanity Tray Kit Assy (SEE SHT 5)			1		-
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DRWG NO	TITLE	
814.142	O-BED TABLE TOPS COLOUR OPTIONS (STD)	3
		ISSUE 1



 <b>Huntleigh Healthcare</b> Nesbit Evans Products Division			<b>PRODUCT</b> <b>OVER BED TABLE</b> <b>PT10</b>				<b>1 OF 1</b>		<b>SHEET No</b> <b>3</b>	
<b>DRWG NO</b> <b>814.142</b>			<b>TITLE</b> O-BED TABLE TOPS COLOUR OPTIONS (STD)				<b>ISSUE 1</b>			
<b>I T E M</b>	<b>PART No</b>	<b>DESCRIPTION</b>	<b>OPTION</b>							
			<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>		
<b>1</b>	814.142	OB-TABLE TOP COLOUR1	1	-	-	-	-	-	-	
<b>2</b>	814.143	OB-TABLE TOP COLOUR2	-	1	-	-	-	-	-	
<b>3</b>	814.144	OB-TABLE TOP COLOUR3	-	-	1	-	-	-	-	
<b>4</b>	814.145	OB-TABLE TOP COLOUR4	-	-	-	1	-	-	-	
<b>5</b>	814.146	OB-TABLE TOP COLOUR5	-	-	-	-	1	-	-	
<b>6</b>	814.147	OB-TABLE TOP COLOUR6	-	-	-	-	-	-	1	
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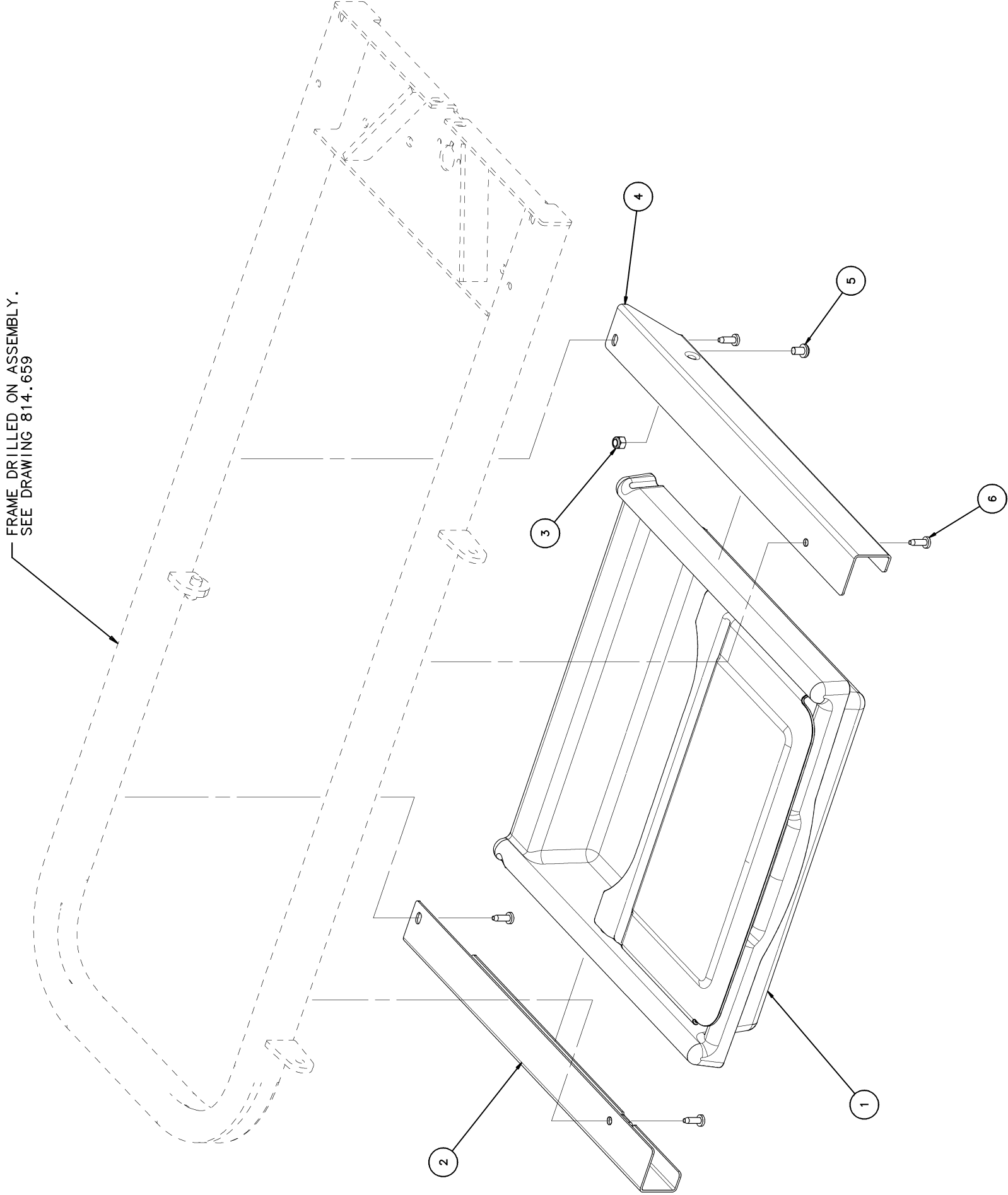
<div><div>Huntleigh Healthcare Nesbit Evans Products Division</div><div>PRODUCT</div><div>OVER-BED TABLE PT11</div></div>		SHEET No	4
DRWG NO	814.153	TITLE	O-BED TABLE TOPS COLOUR OPTIONS (TILTING)
		ISSUE 1	




 <b>Huntleigh Healthcare</b> Nesbit Evans Products Division			<b>PRODUCT</b> <b>OVER BED TABLE</b> <b>PT11</b>				<b>1 OF 1</b>	<b>SHEET No</b> <b>4</b>
<b>DRWG NO</b> <b>814.153</b>			<b>TITLE</b> O-BED TABLE TOPS COLOUR OPTIONS (TILTING)				<b>ISSUE 1</b>	
I T E M	PART No	DESCRIPTION	814.153	814.154	814.155	814.156	814.157	814.158
			A	B	C	D	E	F
1	814.608	TABLE TOP (TILTING) COLOUR1	1	-	-	-	-	-
2	814.609	TABLE TOP (TILTING) COLOUR2	-	1	-	-	-	-
3	814.610	TABLE TOP (TILTING) COLOUR3	-	-	1	-	-	-
4	814.611	TABLE TOP (TILTING) COLOUR4	-	-	-	1	-	-
5	814.612	TABLE TOP (TILTING) COLOUR5	-	-	-	-	1	-
6	814.613	TABLE TOP (TILTING) COLOUR6	-	-	-	-	-	1
7	814.614	TABLE TOP (FIXED) COLOUR1	1	-	-	-	-	-
8	814.615	TABLE TOP (FIXED) COLOUR2	-	1	-	-	-	-
9	814.616	TABLE TOP (FIXED) COLOUR3	-	-	1	-	-	-
10	814.617	TABLE TOP (FIXED) COLOUR4	-	-	-	1	-	-
11	814.618	TABLE TOP (FIXED) COLOUR5	-	-	-	-	1	-
12	814.619	TABLE TOP (FIXED) COLOUR6	-	-	-	-	-	1
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 Huntleigh Healthcare Nesbit Evans Products Division		PRODUCT OVER-BED TABLE PT20/PT21	SHEET No 5
DRWG NO 814.655	TITLE VANITY TRAY ASSY KIT	ISSUE 1	



 <b>Huntleigh Healthcare</b> Nesbit Evans Products Division			PRODUCT <b>OVER-BED TABLE</b> <b>PT20/PT21</b>		1 OF 1	SHEET No <b>5</b>
DRWG NO <b>814.655</b>			TITLE <b>VANITY TRAY ASSY KIT</b>		ISSUE <b>1</b>	
ITEM	PART No	QTY	DESCRIPTION			
1	814.652	1	Vanity Tray Assy			
2	814.654	1	Vanity Tray Runner LH			
3	S1410	1	Nyloc Nut M5 Thk			
4	814.653	1	Vanity Tray Runner RH			
5	S3457	1	Pozi Pan-Head M5x8			
6	S1619	4	STap AB Flange No10x1/2"			
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