REGION™ and ADAPTA®

3 and 7 Treatment Platforms

Service Manual

chattanooga

Chattanooga Group is an ISO 13485 certified company.

3320 - Summit 3
3323 - Summit 3 with Postural Drain
3321 - Summit 7
3322 - Summit 7 with Postural Drain
3330 - Region 3
3331 - Region 3D with Postural Drain
3334 - Region 7
3335 - Region 7D with Postural Drain

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FOREWORD

This manual has been written for the certified Field Technicians repairing the Adapta® Summit and Region™ 3 and 7 Physical Therapy Platforms. The information contained in this manual is intended for use by trained and certified Chattanooga Group technicians. The Service Manual contains safety precautions, nomenclature, specifications, troubleshooting, removal and replacement instructions, general maintenance, parts lists, schematics, warranty and other information which would assist a certified service technician to repair the unit. Read, understand and follow all safety precautions and information contained in this manual.

The specifications put forth in this manual were in effect at the time of the publication. However, owing to Chattanooga Group's policy of continuous improvement, changes to these specifications may be made at any time without obligation on the part of Chattanooga Group.

Chattanooga Group requires that all Field Technicians stay informed and trained on all changes pertaining to the Adapta Summit/Region 3 and 7 Physical Therapy Platforms. As significant changes occur to the table, service bulletins will be made available on our website (chattgroup.com) in lieu of reprinted manuals.

Technicians repairing the Adapta Summit/Region 3 and 7 Physical Therapy Platforms agree to assume all risk and liability associated with this process.

This table is to be used only under the prescription and supervision of a licensed practitioner.

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3-in-One® is a registered trademark of WD-40 Company, Inc.
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1.1 PRECAUTIONARY DESCRIPTIONS

The precautionary instructions found in this section and throughout this manual are indicated by specific symbols. Understand these symbols and their definitions before operating this equipment. The definitions of these symbols are as follows:

⚠ CAUTION

Text with a "CAUTION" indicator will explain possible safety infractions that could have the potential to cause minor to moderate injury or damage to equipment.

⚠ WARNING

Text with a "WARNING" indicator will explain possible safety infractions that will potentially cause serious injury and equipment damage.

⚠ DANGER

Text with a "DANGER" indicator will explain possible safety infractions that are imminently hazardous situations that would result in death or serious injury.

CONNECT EARTH TERMINAL TO THE GROUND

Text with a "CONNECT EARTH TERMINAL TO THE GROUND" indicator will explain that an earth terminal must be connected before use.

BIOHAZARD

Text with a "BIOHAZARD" indicator will explain possible safety infractions that could cause biohazardous conditions if the table is not properly cleaned after each use.

NOTE: Throughout this manual "NOTE" may be found. These notes are helpful information to aid in the particular area or function being described.

1.2 PRECAUTIONARY INSTRUCTIONS

⚠ CAUTION

- Read, understand, and practice the precautionary and operating instructions found in this manual. Know the limitations and hazards associated with your treatment table. Observe any and all precautionary and operational decals placed on the unit.
- If you chose to have the table shipped unassembled, follow the assembly instructions.
- DO NOT operate this table in an environment where other devices are being used that intentionally radiate electromagnetic energy in an unshielded manner. Portable and mobile RF communications equipment can affect Medical Electrical Equipment.
- This table generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. Harmful interference to other devices can be determined by turning this table on and off. Try to correct the interference using one or more of the following: reorient or relocate the receiving device, increase the separation between the equipment, connect the table to an outlet on a different circuit from that which the other device(s) are connected, and consult the Chattanooga Group Service Department for help.
- Keep table out of high moisture environments.
- This table should be operated, transported and stored in temperatures between 0 °F (-18 °C) and 120 °F (49 °C), with relative humidity ranging from 22% - 90%.
- Do not exceed table weight capacity of 450 lbs (204 kg).
- Support the table section(s) when making any adjustments.
- Do not transport the table over rough or outdoor surfaces. The retractable caster system could become damaged and inoperable.
- Inspect cables, connectors, and casters before each use.
- A licensed practitioner experienced with physical therapy must be familiar with all instructions contained in this manual before administering therapy.

1.2 PRECAUTIONARY INSTRUCTIONS (CONTINUED)

⚠ WARNING

- Federal law restricts this table to sale by, or on the order of, a licensed practitioner.
- Make certain that the table is electrically grounded by connecting only to a grounded electrical service receptacle conforming to the applicable national and local electrical codes.
- The Adapta Summit/Region 3 and 7 Physical Therapy Platform should not be used adjacent to or stacked with other equipment, and if adjacent or stacked use is necessary, the table should be observed to verify normal operation in the configuration in which it will be used.
- Do not leave the table unlocked and unattended at any time.
- Disconnect the table from the Mains Power before attempting any maintenance, installation, removal, or replacement procedures to prevent electrical shock and possible damage to the table.
- When making adjustments to the table sections, make certain the patient weight is supported before adjusting.
- Never place your hands and feet near the working mechanism of the table when making any and all adjustments to height or table sections. Moving parts could cause pinch points.
- Use only accessories that are specially designed for the Adapta Summit/Region 3 and 7 Physical Therapy Platforms. Do not use accessories manufactured by other companies on the Adapta Summit/Region 3 and 7 Physical Therapy Platforms. Chattanooga Group is not responsible for any consequence resulting from using products manufactured by other companies. The use of other accessories or cables may result in increased emissions or decreased immunity of the Adapta Summit/Region 3 and 7 Physical Therapy Platforms.
- Do not lift the table by the Head Section, under the side pedals, or under the foot pedals on each end.
- Do not place weight on the Head Section. These tables are not desogned to support weight on the Head Section alone.
- Never transport a patient on the Adapta Summit/Region 3 and 7 Physical Therapy Platforms. These tables are not designed to support a patient during transport.
- This device should be kept out of the reach of children.

⚠ WARNING

- Do not smoke on or around the table.
- Do not allow any unsupervised patient access to the table.
- The casters should be locked before the loading or unloading of a patient. Do not reposition or allow the patient to get on or off the table while the casters are unlocked.
- This table should only be operated under the prescription and supervision of a licensed medical practitioner that is familiar with the precautionary measures and operational functions associated with the table being used.
- On rare occasions, use of the table can result in transient skin reactions such as rash, inflammation or irritation. These skin reactions may be the result of individual sensitivity to the mild antibacterial cleaning materials used on the table or the material of the table cushions. Advise the patient of this possibility before starting treatment. If a visible skin reaction does occur, discontinue patient treatment and consult the prescribing physician.
- Should the Adapta Summit/Region 3 and 7 Physical Therapy Platform Mains Power Cord become frayed/damaged or if a caster is broken, immediately stop use of the table and contact the Dealer or Chattanooga Group for service.

- The table is a functionally grounded table. Inspect the table to ensure that the ground is connected properly before use.

⚠ DANGER

- Do not allow any person, object, or device to be under the table while the table is in operation.
- Follow the assembly instructions in the user manual or quick start guide to assemble the table. Not adhering to the exact procedures could cause serious injury to the practitioner or patient.

- Always clean the table after each use with a soft cloth dampened with water and a mild antibacterial detergent. Do not use abrasive cleansers.

2.1 TABLE FAMILIARIZATION

The nomenclature graphics below, **Figure 2.1**, indicate the general locations of the major components of the Adapta Summit/Region 3 Physical Therapy Platform.

Know the components and their functions before performing any operation of or service to the Adapta Summit/Region 3 Physical Therapy Platform.

ADAPTA SUMMIT/REGION 3

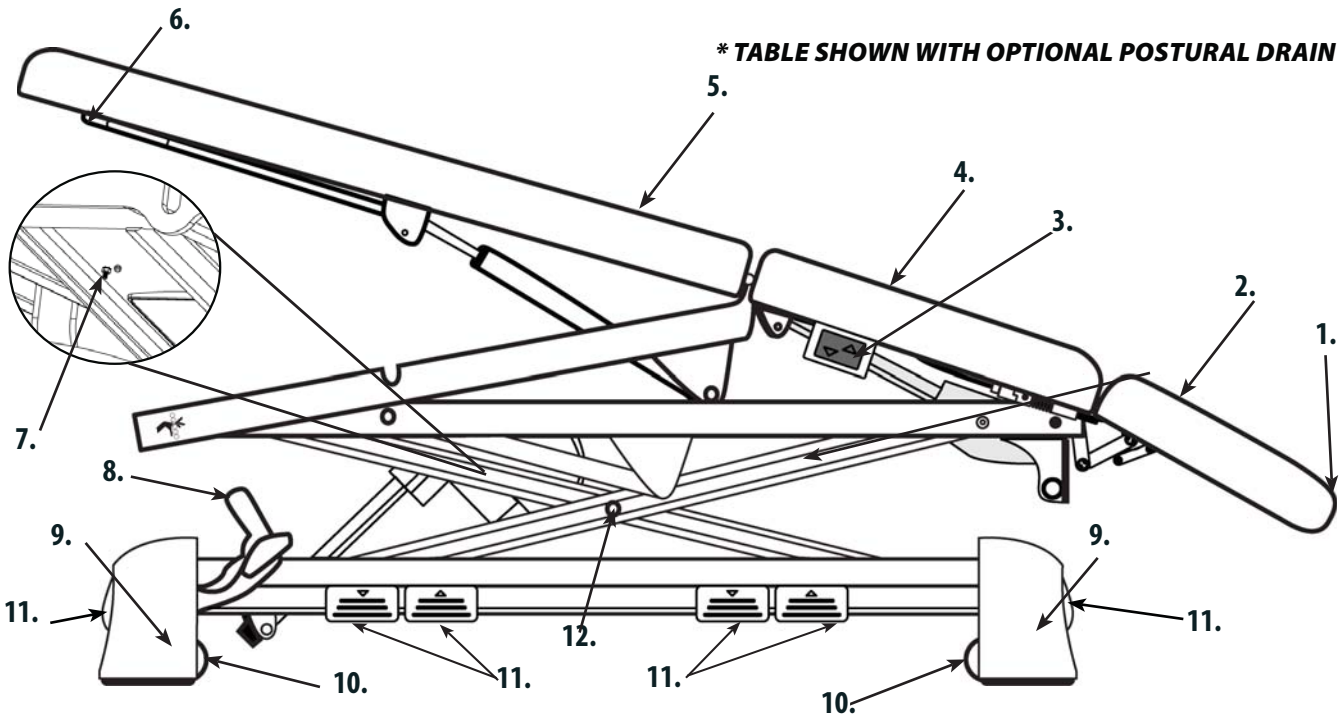


Figure 2.1

1. Headrest Release Handle
2. Head Section
3. Optional Postural Drain Switch
4. Chest Section
5. Back Section
6. Back Section Elevation Lever
7. Ground Connection
8. Retractable Caster Pedal
9. Caster End Cap
10. Caster
11. Elevation Foot Pedals
12. Scissor Lift

2.1 TABLE FAMILIARIZATION (CONTINUED)

The nomenclature graphics below, **Figure 2.2**, indicate the general locations of the major components of the Adapta Summit/Region 7 Physical Therapy Platform.

Know the components and their functions before performing any operation of or service to the Adapta Summit/Region 7 Physical Therapy Platform.

ADAPTA SUMMIT/REGION 7

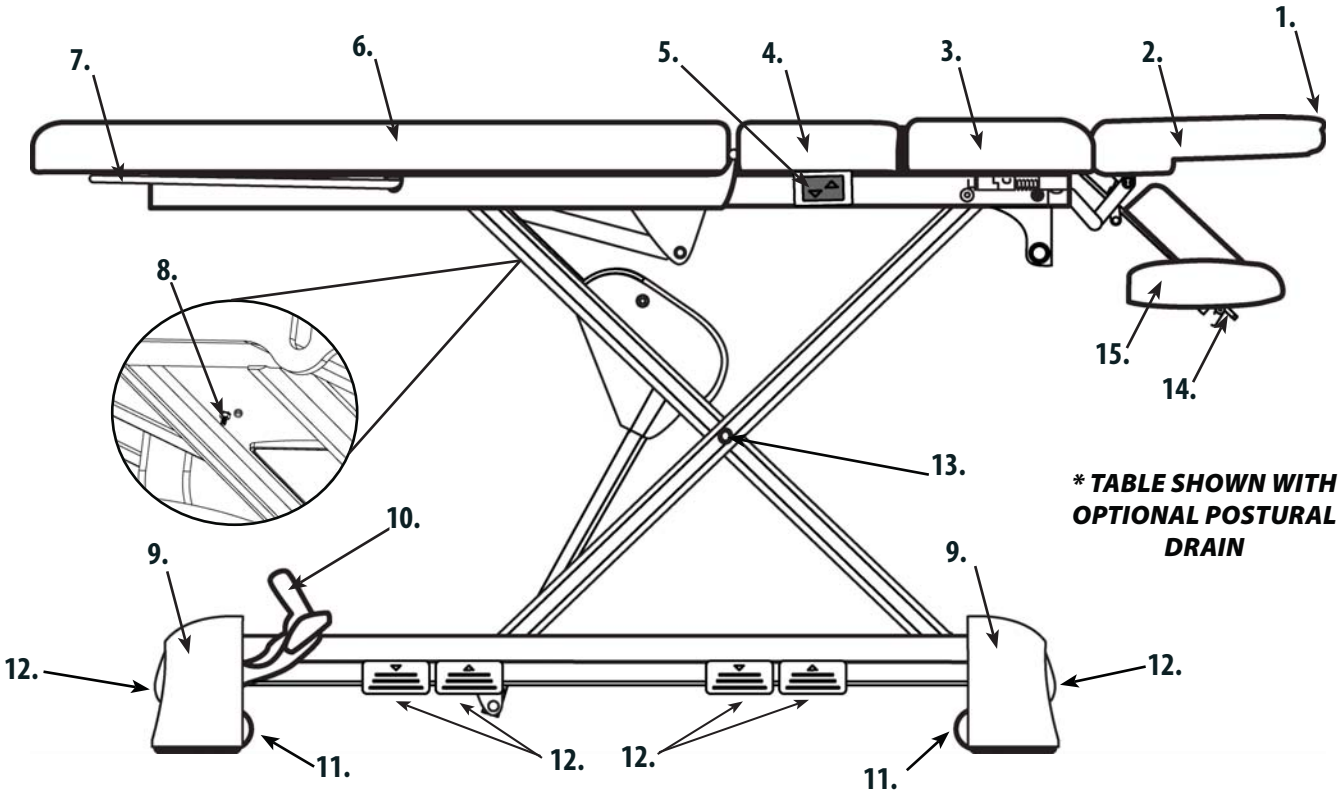


FIGURE 2.2

1. Headrest Release Handle
2. Head Section
3. Shoulder Wings
4. Chest Section
5. Optional Postural Drain Switch
6. Back Section
7. Back Section Elevation Lever
8. Ground Connection
9. Caster End Cap
10. Retractable Caster Pedal
11. Caster
12. Elevation Foot Pedals
13. Scissor Lift
14. Armrest Release Lever
15. Arm Section

2.2 DESCRIPTION OF DEVICE MARKINGS

The markings on the Adapta Summit/Region 3 and 7 Physical Therapy Platforms are assurance of their conformity to the highest applicable standards of medical equipment safety and electromagnetic compatibility. One or more of the following markings may appear on the devices:

Council Directive 2002/96/EC concerning Waste Electrical and Electronic (WEEE). Indicates a requirement not to dispose of WEEE as municipal waste. Contact your local distributor for information regarding disposal of the unit and accessories.

Standards:
Complies with
IEC/UL/EN 60601-1, 60601-1-2,

9700675

Certified to
CAN/CSA C22.2 No. 601.1-M90 w/A2

Warning: Pinch Point

Refer to ACCOMPANYING DOCUMENTS

Type B Equipment

Functional Earth (Ground)

Class II Equipment

DOWN

Postural Drain Elevation

UP

3.1 PHYSICAL SPECIFICATIONS- ADAPTA SUMMIT/REGION 3

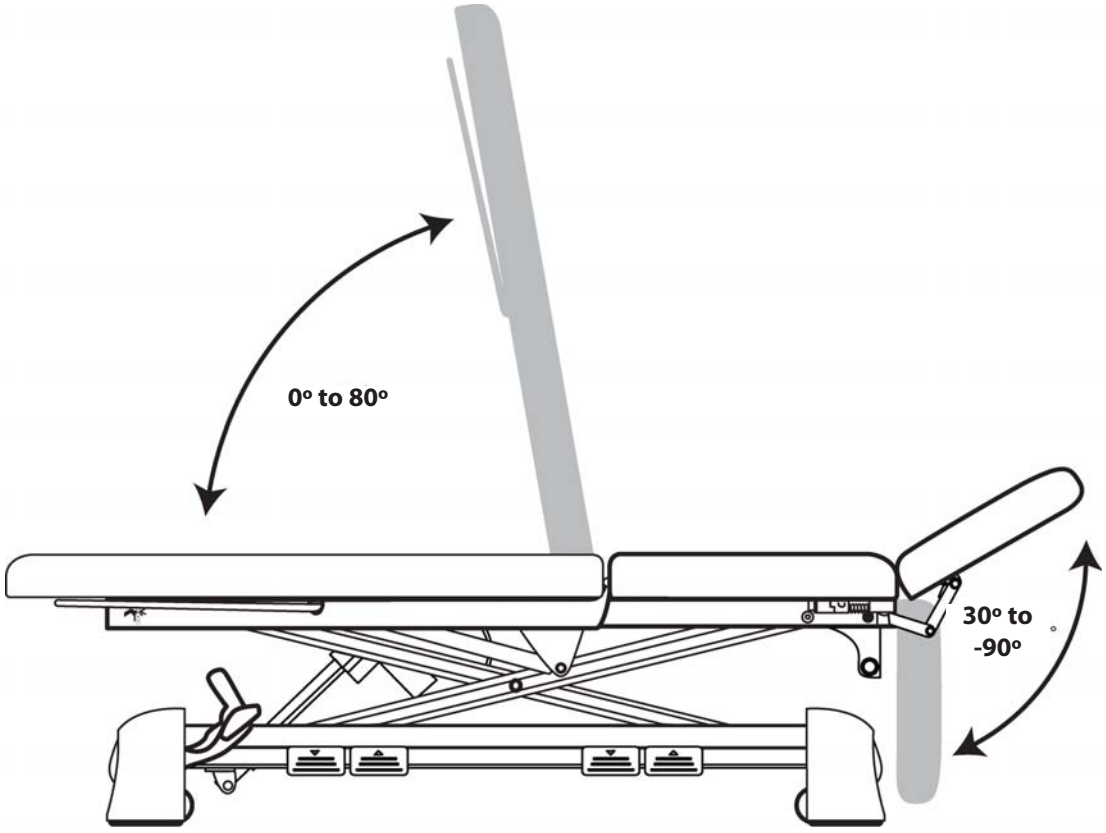


FIGURE 3.1

**** TABLE SHOWN WITH OPTIONAL POSTURAL DRAIN***

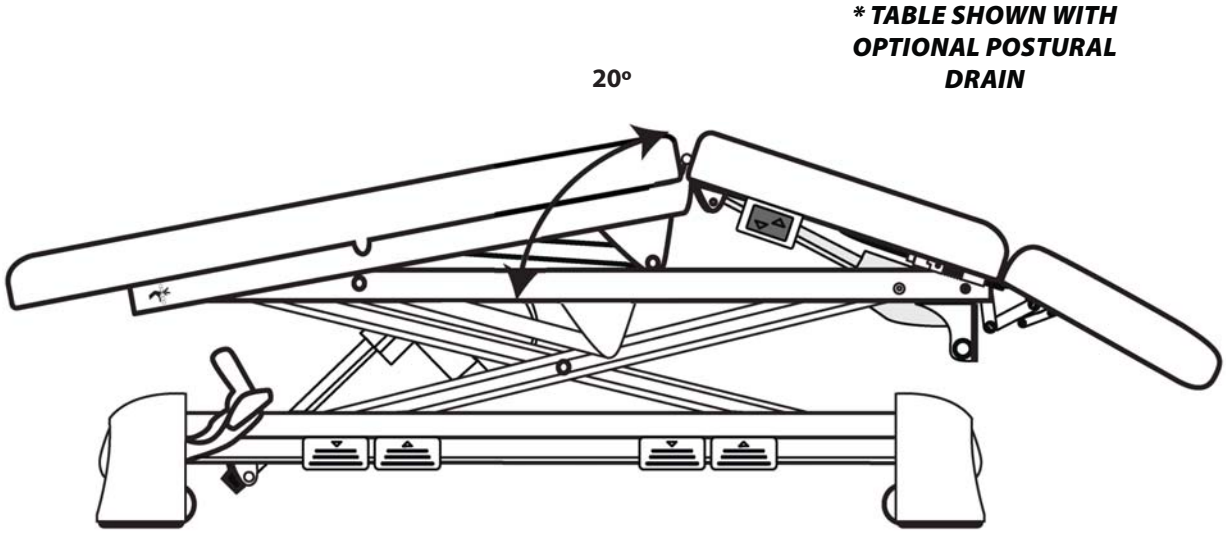


FIGURE 3.2

3.2 PHYSICAL SPECIFICATIONS- ADAPTA SUMMIT/REGION 7

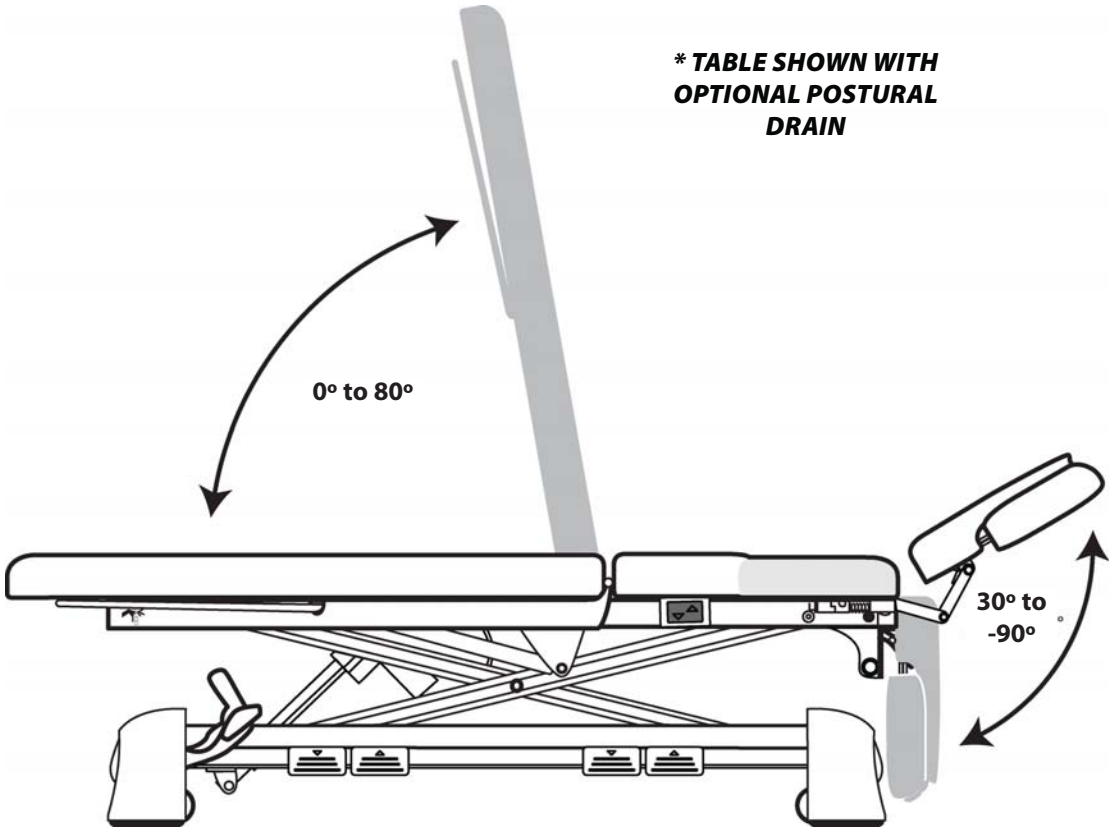


FIGURE 3.3

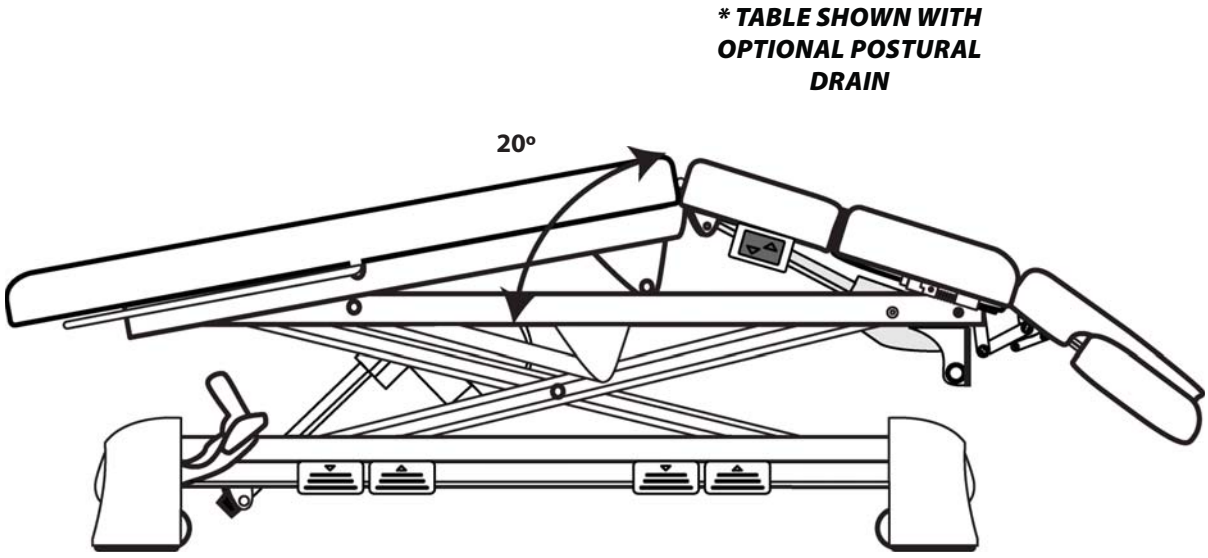


FIGURE 3.4

3.3 CUSHION DIMENSIONS- ADAPTA SUMMIT/REGION 3

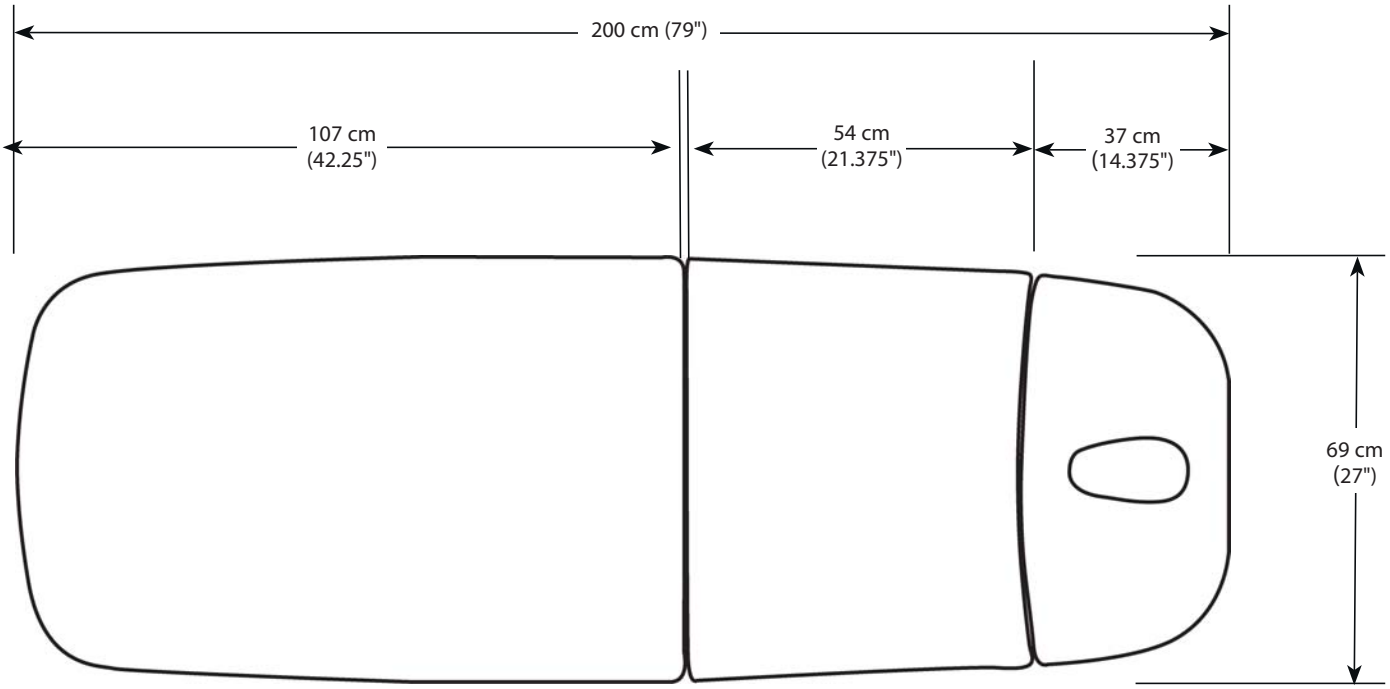


FIGURE 3.5

3.4 CUSHION DIMENSIONS- ADAPTA SUMMIT/REGION 7

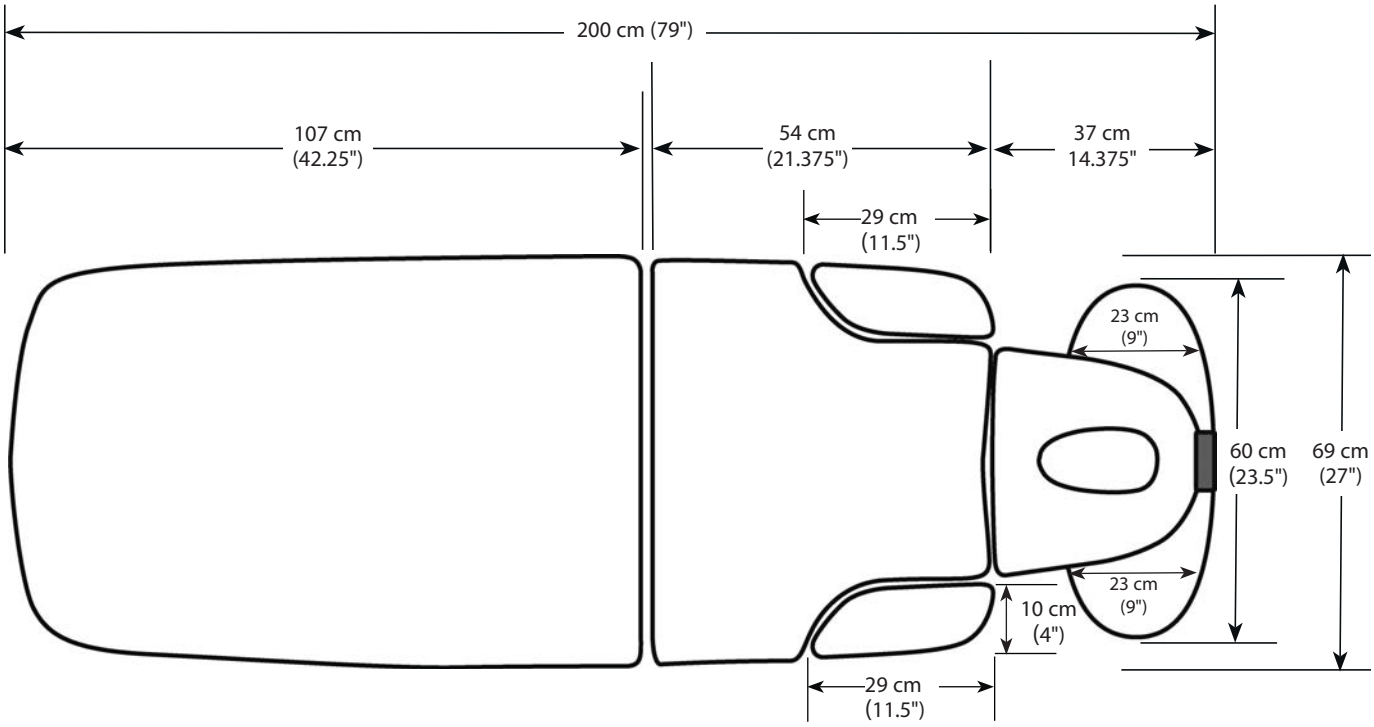


FIGURE 3.6

3.5 ADAPTA SUMMIT/REGION 3 AND 7 PHYSICAL THERAPY PLATFORM TABLE SPECIFICATIONS

Parameter	100V	120V	230V
Voltage Frequency	60 Hz	60 Hz	50 Hz
Current Consumption	4.4A	1.7A	1.0A
Fuses	None	None	None
Duty Cycle	5%, Max.-1 minute "on"/19 minutes "off"	5%, Max.-1 minute "on"/19 minutes "off"	5%, Max.-1 minute "on"/19 minutes "off"
Weight (with Cushions):	141 kg (310 lbs)	141 kg (310 lbs)	141 kg (310 lbs)
Electrical Type	Type B	Type B	Type B
Lifting Capacity:	204 kg (450 lbs)	204 kg (450 lbs)	204 kg (450 lbs)
Table Length (Head to Toe):	200 cm (79")	200 cm (79")	200 cm (79")
Height Range	46 - 94 cm (18 - 37")	46 - 94 cm (18 - 37")	46 - 94 cm (18 - 37")
Electrical Safety Classification: Functionally Earthed	Class II	Class II	Class II
Safety Classification	CE	ETL C US CE	CE

ETL C US CE

9700675

Standards:
Complies with
IEC/UL/EN 60601-1, 60601-1-2,

Certified to
CAN/CSA C22.2 No. 601.1-M90 w/A2

3.6 ACTUATOR SPECIFICATIONS

Parameter	100V/120V/230V
Maximum Load	Push 8000 N
Power Rating	24V = Max. 5.7 Amp
Type of protection	IP54
Duty Cycle	5%, Max. 1 minute "on"/19 minutes "off"

NOTE: Per the manufacturer's specification, the Linak LA-27 is not to be opened by unauthorized personnel.

Linak LA-27

FIGURE 3.7

9700675

Standards:
Complies with
IEC/UL/EN 60601-1, 60601-1-2,
CAN/CSA C22.2 No. 601.1-M90 w/A2

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3

INCLUDED HARDWARE- ADAPTA SUMMIT/REGION 3

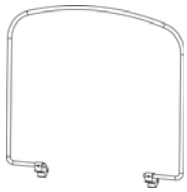
The required hardware contained is represented by the illustrations on this page. These illustrations are referenced throughout the Cushion/Gas Spring Assembly procedures which begin on the next page. The Parts Group with an asterisk (*) indicates the actual size of the part.

Parts Group A: Flat-Head Phillips Screw (3) *
P/N 72598

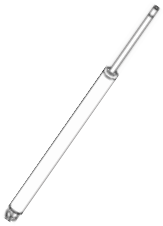
Parts Group B: 30 mm Flat-Head Screw (4) *
P/N 33813

Parts Group C: 20 mm Button Head Screw (10) *
P/N 33544

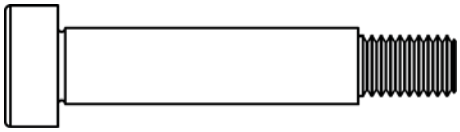
Parts Group D: Elevation Lever Assembly (1)
P/N 33887



Parts Group E: Gas Spring (2)
P/N 33503

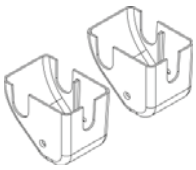


Parts Group F: Shoulder Bolt (2) *
P/N 33423



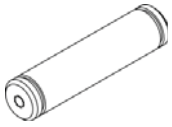
Parts Group G: Nut (2) *
P/N 33425

Parts Group H: Gas Spring Release Cover (2)
P/N 33514



Parts Group I: 10 mm Flat-Head Screw (4) *
P/N 33360

Parts Group J: Gas Spring Release Lever Pivot Pin (2)
P/N 33513



Parts Group K: Gas Spring Release
P/N 33888 Lever Pivot Pin Clip (4) *

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

The Adapta Summit/Region Physical Therapy Platforms may be shipped unassembled. Assembly instructions are included as information. Field representatives may be asked to assemble or troubleshoot the Adapta Summit/Region Physical Therapy Platform after field assembly.

⚠ WARNING

- Do not tighten any screws until the end of the Cushion Assembly process.
- During assembly, do not cross the threads within the cushion or the cushion may become damaged.

NOTE: All hardware used in the Assembly Sections are metric.

The following items will be used to complete the Cushion/Gas Spring Assembly:

- Headrest Release Lever
- Head Cushion
- Chest Section Cushion
- Back Section Cushion
- Hammer
- Hex Wrenches- 2, 4 and 5 mm
- #2 Phillips Head Screwdriver
- 13 mm or Adjustable Wrench
- Flat-Head Phillips Screws (3) **(Parts Group A)**
- 30 mm Flat-Head Screws (4) **(Parts Group B)**
- 20 mm Button-Head Screws (10) **(Parts Group C)**
- Elevation Lever Assembly **(Parts Group D)**
- Gas Springs (2) **(Parts Group E)**
- Shoulder Bolts (2) **(Parts Group F)**
- Nuts (2) **(Parts Group G)**
- Gas Spring Release Covers (2) **(Parts Group H)**
- 10 mm Flat-Head Screws (4) **(Parts Group I)**
- Gas Spring Release Lever Pivot Pins (2) **(Parts Group J)**
- Gas Spring Release Lever Pivot Pin Clips (4) **(Parts Group K)**

Connect the Mains Power Cord to the Mains Power Cord Receptacle.
Make sure the table is locked by raising the Retractable Caster Pedal with the toe of the shoe. Refer to **Figure 4.1**.

Figure 4.1

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

Raise the table to the maximum height by pressing the right foot pedal of one of the six sets that surround the table. Unplug the table. Refer to **Figure 4.2**

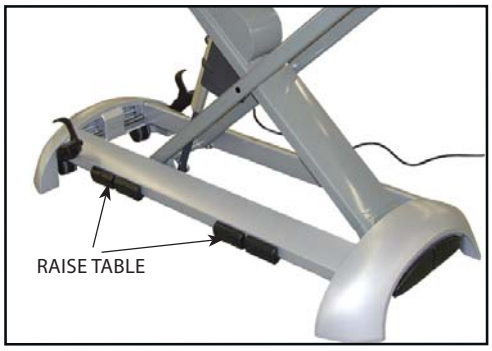


Figure 4.2

Use the Headrest Release Handle to elevate the Head Section up to a horizontal position.

Flip the Headrest Release Handle and set it on top of the Head Section frame. Insert three flat-head Phillips screws **(Parts Group A)** to secure the Headrest Release Handle to the Head Section frame and tighten with the #2 Phillips head screwdriver. Refer to **Figure 4.3**.

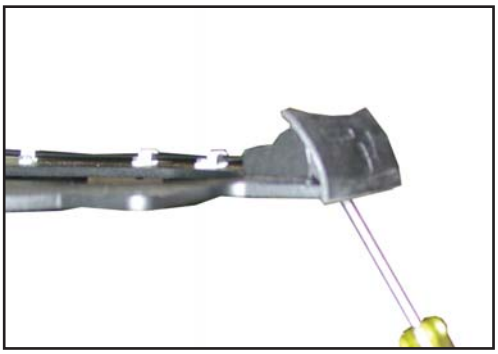


Figure 4.3

Raise the Back Section base frame completely and allow it to rest on the Chest Section base frame. Refer to **Figure 4.4.**

Figure 4.3

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

Place the Elevation Lever Assembly **(Parts Group D)** into each Gas Spring Release Pivot Tab. Refer to **Figure 4.5.**

Figure 4.5

Insert the Gas Spring Release Lever Pivot Pin **(Parts Group J)** into each hole of the Gas Spring Release Pivot Tab. This will secure the Elevation Lever Assembly to the Back Section base frame. Refer to **Figure 4.6.**

NOTE: A hammer may need to be used to insert the . Pivot Pin.

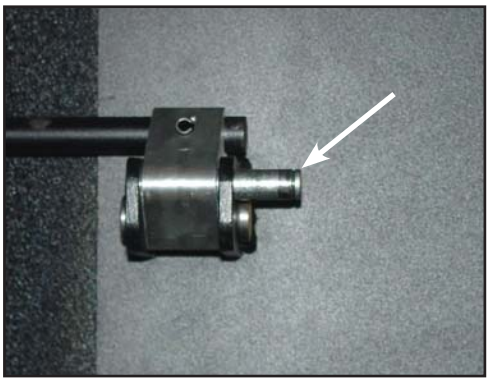


Figure 4.6

Add a Gas Spring Release Lever Pivot Pin Clip **(Parts Group K)** on each side of both Gas Spring Release Pivot Pins. Refer to **Figure 4.7.**

NOTE: The Pivot Pin Clips **(Parts Group K)** must be aligned with the Gas Spring Release Pivot Tabs in order for the Gas Spring Release Covers **(Parts Group I)** to correctly fit over the Pivot Tabs. See **Page 18** for Assembly Instructions for the Gas Spring Release Covers.

Figure 4.7

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

Insert the threaded end of the Gas Spring **(Parts Group E)** into the hole in the Elevation Lever Assembly **(Parts Group D).** Refer to **Figure 4.8.**

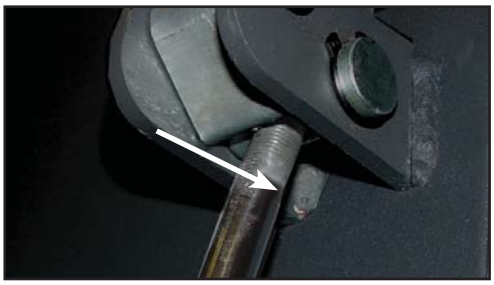


Figure 4.8

Using only your fingers, turn the Gas Spring clockwise in the hole until it is snug.

Without loosening the threaded end, make sure the eyelet of the other end of the Gas Spring **(Parts Group E)** is parallel with the table as shown. Refer to **Figure 4.9.**

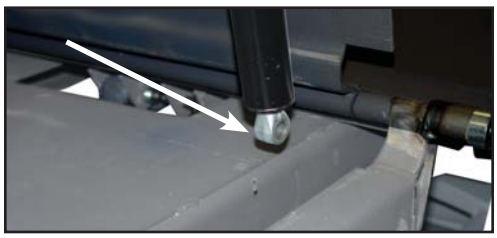


Figure 4.9

Grasping the shaft of the Gas Spring, rotate the Gas Spring counter clockwise 1 1/2 times back out of the Elevation Lever Assembly. Refer to **Figure 4.10.**

Figure 4.10

Slide the shoulder bolt **(Parts Group F)** through the base frame and the Gas Spring **(Parts Group E)** eyelet. Refer to **Figure 4.11.**

NOTE: You may have to engage the Elevation Lever to lower the Back Section in order to align the Gas Spring with the base frame holes.

Figure 4.11

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

NOTE: In this step, you are testing the settings of the Gas Spring **(Parts Group E).** Leave the shoulder bolt **(Parts Group F)** loose and do not add the nuts **(Parts Group G).**

Without engaging the Elevation Lever **(Parts Group D)**, try to pull down on the Back Section Cushion using minimal force. Refer to **Figure 4.12.**

NOTE: If the Gas Spring **(Parts Group E)** is set correctly, it will be locked, and you should not be able to pull down on the cushion.
If you are able to pull down on the Back Section Cushion, remove the shoulder bolt **(Parts Group F)** of the Gas Spring.

Grasp the shaft of the Gas Spring **(Parts Group E)** with both hands and rotate the Gas Spring 1/2 turn counter clockwise. Re-insert the shoulder bolt **(Parts Group F)** and repeat this procedure until you are unable to pull the cushion down.

While engaging the Elevation Lever **(Parts Group D)**, pull down on the Back Section Cushion (using minimal force) so that the cushion is horizontal. Refer to **Figure 4.13.**

NOTE: If the Gas Spring **(Parts Group E)** is set correctly, the cushion should move smoothly (using some force). Also, keep in mind that the Gas Spring is intended to provide resistance, even when the Elevation Lever **(Parts Group D)** is engaged. Depending on your level of strength, some people may have to exert more force than others.

If while engaging the Elevation Lever, the Back Section Cushion does not move smoothly to the horizontal position, remove the shoulder bolt **(Parts Group F)** of the Gas Spring. Grasp the shaft of the Gas Spring **(Parts Group E)** with both hands and rotate the Gas Spring 1/2 turn clockwise.
Re-insert the shoulder bolt **(Parts Group F)** and repeat this procedure until you can pull the cushion down smoothly while engaging the Elevation Lever **(Parts Group D).** Refer to **Figure 4.14.**

Once testing of the Gas Springs is complete, attach the nut **(Parts Group G)** at the end of the shoulder bolt **(Parts Group F)**.

Tighten with the 5 mm hex wrench on one side and the 13 mm (or adjustable) wrench on the other.

Repeat **steps on pages 16-17** for the Gas Spring **(Parts Group E)** on the other side of the table.

Figure 4.12

Figure 4.13

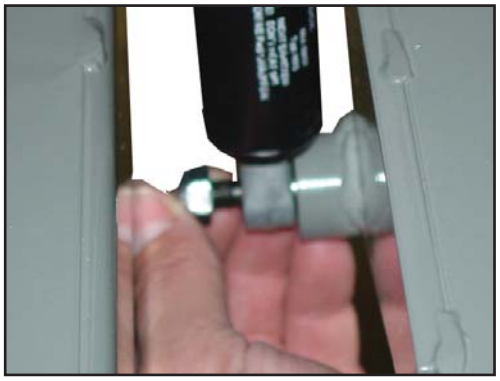


Figure 4.14

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

Press the Gas Spring Release Cover **(Parts Group H)** onto the Gas Spring Assembly and insert a 10 mm flat-head screw **(Parts Group I)** on each side. Refer to **Figure 4.15.**

Figure 4.15

Tighten the 10 mm flat-head screws **(Parts Group I)** with the 2 mm hex wrench. Repeat this procedure for the other Gas Spring Release Cover **(Parts Group I).** Refer to **Figure 4.16.**

NOTE: Make sure that the 10 mm flat-head screws **(Parts Group I)** are tightened to reduce the potential of scraping the base frame. Wipe the cushions down after assembly is complete.

NOTE: Go back and tighten all hardware with the tools previously mentioned.

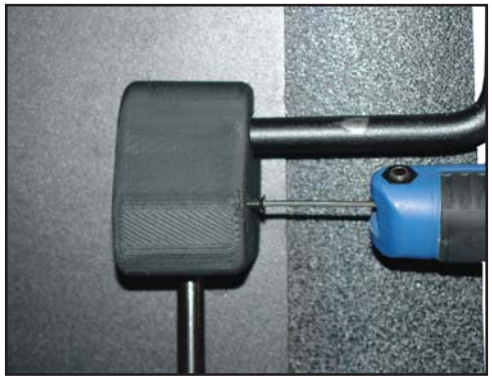


Figure 4.16

Pull the Back Section Elevation Lever and raise the Back Section to its maximum angle. Refer to **Figure 4.17.**

Take the Back Section Cushion and secure it to the table frame with six 20 mm button-top screws **(Parts Group C)**.

Tighten the screws with the 4 mm hex wrench.

Figure 4.17

4.1 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 3 (CONTINUED)

Take the Chest Section Cushion and secure it to the table frame with four 20 mm button-top screws **(Parts Group C).** Refer to **Figure 4.18.**

NOTE: Loosely secure one set of screws first before attempting to attach the other screws to ensure that the cushion is fully aligned with the frame. Tighten the screws with the 4 mm hex wrench.

Figure 4.18

Take the Head Cushion and attach it to the Head Section frame with four 30 mm flat-head screws **(Parts Group B)**. Refer to **Figure 4.19.**

Tighten the screws with the 2 mm hex wrench.

Wipe the cushions down after assembly is complete.

NOTE: Go back and tighten all hardware with the tools previously mentioned.

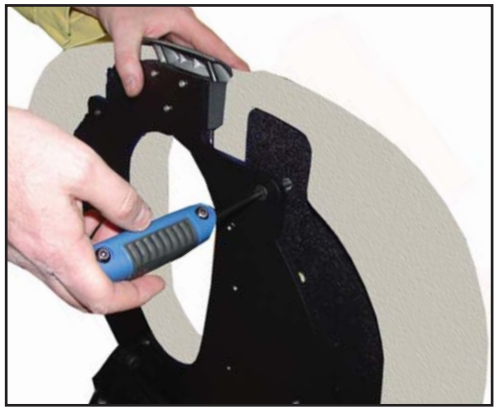


Figure 4.19

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7

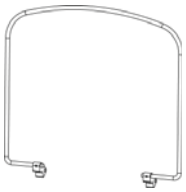
INCLUDED HARDWARE- ADAPTA SUMMIT/REGION 7

The required hardware contained is represented by the illustrations on this page. These illustrations are referenced throughout the Cushion/Gas Spring Assembly procedures which begin on the next page. The Parts Group with an asterisk (*) indicates the actual size of the part.

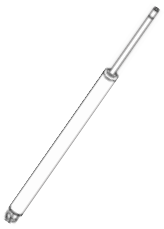
Parts Group A: 30 mm Flat-Head Screw (6) *
P/N 33813

Parts Group B: 20 mm Button Head Screw (14) *
P/N 33544

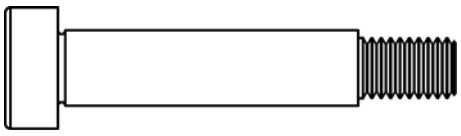
Parts Group C: Elevation Lever Assembly (1)
P/N 33887



Parts Group D: Gas Spring (2)
P/N 33503

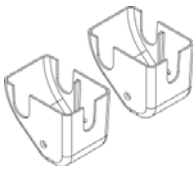


Parts Group E: Shoulder Bolt (2) *
P/N 33423



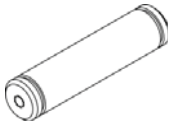
Parts Group F: Nut (2) *
P/N 33425

Parts Group G: Gas Spring Release Cover (2)
P/N 33514



Parts Group H: 10 mm Flat-Head Screw (4) *
P/N 33360

Parts Group I: Gas Spring Release
P/N 33513 Lever Pivot Pin (2)



Parts Group J: Gas Spring Release
P/N 33888 Lever Pivot Pin Clip (4) *

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

The Adapta Summit/Region Physical Therapy Platforms may be shipped unassembled. Assembly instructions are included as information. Field representatives may be asked to assemble or troubleshoot the Adapta Summit/ Region Physical Therapy Platform after field assembly.

⚠ CAUTION

- If you chose to have the table shipped unassembled, follow the assembly instructions.

⚠ WARNING

- Do not tighten any screws until the end of the Cushion Assembly process.
- During assembly, do not cross the threads within the cushion or the cushion may become damaged.

NOTE: All hardware used in the Assembly Sections are metric.

The following items will be used to complete the Cushion/ Gas Spring Assembly:

- Headrest Release Lever
- Nose Plug Cushion
- Head Cushion
- Armrest Section Cushion- Contains:
  - Arm Cushion Support Pivot Blocks (4)
  - Shoulder Bolts (4)
  - Wave Washers (4)
- Chest Section Cushion
- Shoulder Wing Cushions (2)
- Back Section Cushion
- Hammer
- Hex Wrenches- 2, 3, 4 and 5 mm
- #2 Phillips Head Screwdriver
- 13 mm or Adjustable Wrench
- 30 mm Flat-Head Screws (6) **(Parts Group B)**
- 20 mm Button-Head Screws (14) **(Parts Group C)**
- Elevation Lever Assembly **(Parts Group D)**
- Gas Springs (2) **(Parts Group E)**
- Shoulder Bolts (2) **(Parts Group F)**
- Nuts (2) **(Parts Group G)**
- Gas Spring Release Covers (2) **(Parts Group H)**
- 10 mm Flat-Head Screws (4) **(Parts Group I)**
- Gas Spring Release Lever Pivot Pins (2) **(Parts Group J)**
- Gas Spring Release Lever Pivot Pin Clips (4) **(Parts Group K)**

Connect the Mains Power Cord to the Mains Power Cord Receptacle. Verify that there is a good connection between the Mains Power Cord and the Mains Power Cord Receptacle. Always make certain that the Mains Power Cord is properly plugged into the table.

Make sure the table is locked by raising the Retractable Caster Pedal with the toe of the shoe. Refer to **Figure 4.20.**

Figure 4.20

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Raise the table to the maximum height by pressing the right foot pedal of one of the six sets that surround the table. Unplug the table. Refer to **Figure 4.21.**

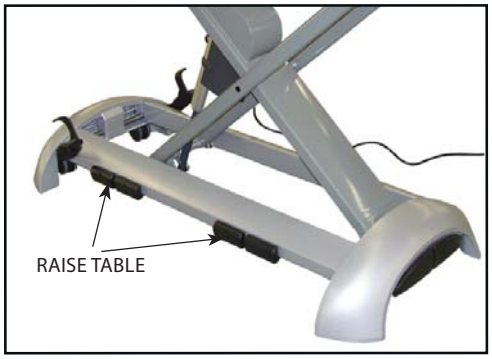


Figure 4.21

Use the Headrest Release Handle to elevate the Head Section to a horizontal position.

Flip the Headrest Release Handle and set it on top of the Head Section frame. Insert three flat-head Phillips screws **(Parts Group A)** to secure the Headrest Release Handle to the Head Section frame and tighten with the #2 Phillips screwdriver. Refer to **Figure 4.22.**

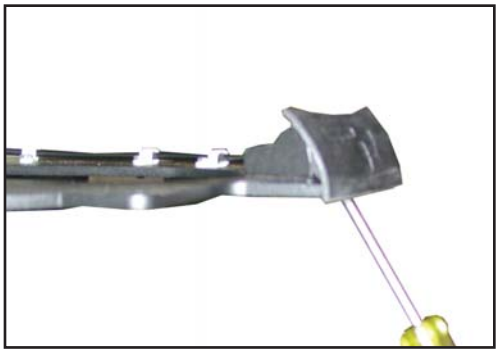


Figure 4.22

Raise the Back Section base frame completely and allow it to rest on the Chest Section base frame. Refer to **Figure 4.23.**

Figure 4.23

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Place the Elevation Lever Assembly **(Parts Group D)** into each Gas Spring Release Pivot Tab. Refer to **Figure 4.24.**

Figure 4.24

Insert the Gas Spring Release Lever Pivot Pin **(Parts Group J)** into each hole of the Gas Spring Release Pivot Tab. This will secure the Elevation Lever Assembly to the Back Section base frame. Refer to **Figure 4.25.**

NOTE: A hammer may need to be used to insert the Pivot Pin.

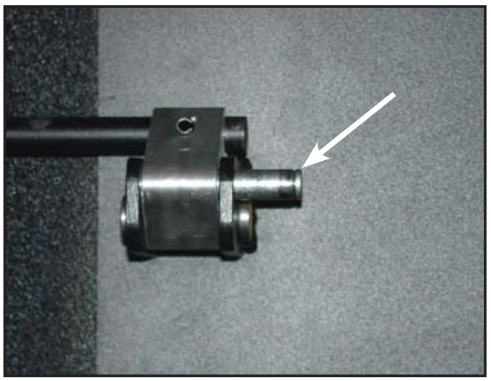


Figure 4.25

Add a Gas Spring Release Lever Pivot Pin Clip **(Parts Group K)** on each side of both Gas Spring Release Pivot Pins. Refer to **Figure 4.26.**

NOTE: The Pivot Pin Clips **(Parts Group K)** must be aligned with the Gas Spring Release Pivot Tabs in order for the Gas Spring Release Covers **(Parts Group I)** to correctly fit over the Pivot Tabs. See **Page 26** for Assembly Instructions for the Gas Spring Release Covers.

Figure 4.26

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Insert the threaded end of the Gas Spring **(Parts Group E)** into the hole in the Elevation Lever Assembly **(Parts Group D).** Refer to **Figure 4.27**

Figure 4.27

Using only your fingers, turn the Gas Spring clockwise in the hole until it is snug.

Without loosening the threaded end, make sure the eyelet of the other end of the Gas Spring **(Parts Group E)** is parallel with the table as shown. Refer to **Figure 4.28.**

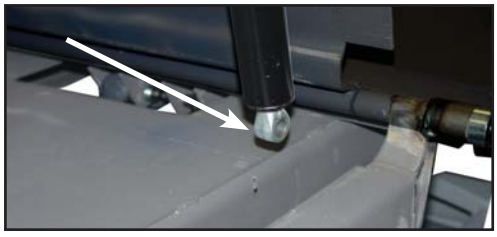


Figure 4.28

Grasping the shaft of the Gas Spring, rotate the Gas Spring counter clockwise 1 1/2 times back out of the Elevation Lever Assembly. Refer to **Figure 4.29.**

Figure 4.29

Slide the shoulder bolt **(Parts Group F)** through the base frame and the Gas Spring **(Parts Group E)** eyelet. Refer to **Figure 4.30.**

NOTE: You may have to engage the Elevation Lever to lower the Back Section in order to align the Gas Spring with the base frame holes.

Figure 4.30

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

NOTE: In this step, you are testing the settings of the Gas Spring **(Parts Group E).** Leave the shoulder bolt **(Parts Group F)** loose and do not add the nuts **(Parts Group G).**

Without engaging the Elevation Lever **(Parts Group D)**, try to pull down on the Back Section Cushion using minimal force. Refer to **Figure 4.31.**

Figure 4.31

NOTE: If the Gas Spring **(Parts Group E)** is set correctly, it will be locked, and you should not be able to pull down on the cushion.

If you are able to pull down on the Back Section Cushion, remove the shoulder bolt **(Parts Group F)** of the Gas Spring.

Grasp the shaft of the Gas Spring **(Parts Group E)** with both hands and rotate the Gas Spring 1/2 turn counter clockwise. Re-insert the shoulder bolt **(Parts Group F)** and repeat this procedure until you are unable to pull down on the cushion.

While engaging the Elevation Lever **(Parts Group D)**, pull down on the Back Section Cushion (using minimal force) so that the cushion is horizontal. Refer to **Figure 4.32.**

Figure 4.32

NOTE: If the Gas Spring **(Parts Group E)** is set correctly, the cushion should move smoothly (using some force). Also, keep in mind that the Gas Spring is intended to provide resistance, even when the Elevation Lever **(Parts Group D)** is engaged. Depending on your level of strength, some people may have to exert more force than others.

If while engaging the Elevation Lever, the Back Section Cushion does not move smoothly to the horizontal position, remove the shoulder bolt **(Parts Group F)** of the Gas Spring. Grasp the shaft of the Gas Spring **(Parts Group E)** with both hands and rotate the Gas Spring 1/2 turn clockwise.

Re-insert the shoulder bolt **(Parts Group F)** and repeat this procedure until you can pull the cushion down smoothly while engaging the Elevation Lever **(Parts Group D).**

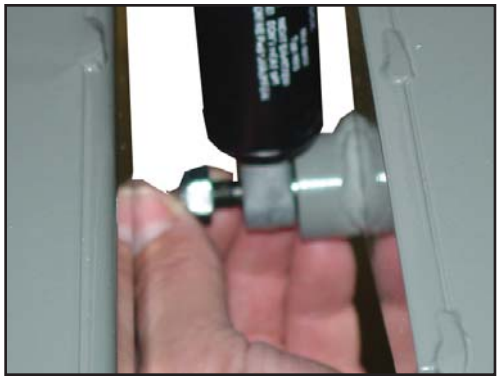


Figure 4.33

Once testing of the Gas Springs is complete, attach the nut **(Parts Group G)** at the end of the shoulder bolt **(Parts Group F)**. Refer to **Figure 4.33.**

Tighten with the 5 mm hex wrench on one side and the 13 mm (or adjustable) wrench on the other.

Repeat **steps on pages 24-25** for the Gas Spring **(Parts Group E)** on the other side of the table.

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Press the Gas Spring Release Cover **(Parts Group H)** onto the Gas Spring assembly and insert a 10 mm flat-head screw **(Parts Group I)** on each side. Refer to **Figure 4.34.**

Figure 4.34

Tighten the 10 mm flat-head screws **(Parts Group I)** with the 2 mm hex wrench. Repeat this procedure for each Gas Spring Release Cover **(Parts Group I).** Refer to **Figure 4.35.**

NOTE: Make sure that the 10 mm flat-head screws **(Parts Group I)** are tightened to reduce the potential of scraping the base frame. Wipe the cushions down after assembly is complete.

NOTE: Go back and tighten all hardware with the tools previously mentioned.

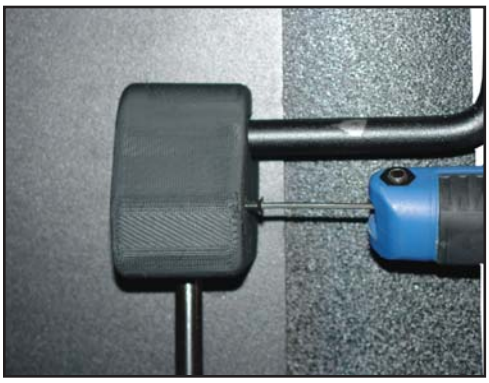


Figure 4.35

Pull the Back Section Elevation Lever and raise the Back Section to its maximum angle. Refer to **Figure 4.36.**

Take the Back Section Cushion and secure it to the table frame with six 20 mm button-top screws **(Parts Group C)**.

Tighten the screws with the 4 mm hex wrench.

Figure 4.36

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Take the Chest Section Cushion and secure it to the table frame with four 20 mm button-top screws **(Parts Group C).** Refer to **Figure 4.37.**

NOTE: Loosely secure one set of screws first before attempting to attach the other screws to ensure that the cushion is fully aligned with the frame. Tighten the screws with the 4 mm hex wrench.

Figure 4.37

Take each Shoulder Wing Cushion and secure it to the table frame with two 20 mm button-head screws **(Parts Group C)**. Refer to **Figure 4.38.**

Tighten the screws with the 4 mm hex wrench.

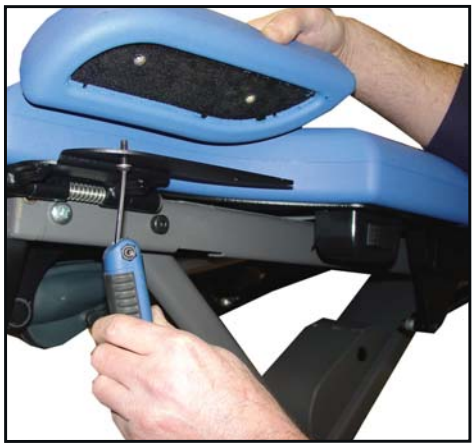


Figure 4.38

Pull up on the Head Section Release Lever and adjust the Head Section to its maximum height. Refer to **Figure 4.39.**

Figure 4.39

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Lay the Nose Plug Cushion on the Head Section frame. Refer to **Figure 4.40.**

Figure 4.40

Secure the Nose Plug Cushion to the frame with two 30 mm flat-head screws **(Parts Group B),** located on the bottom of the Head Section frame. Refer to **Figure 4.41.**

Tighten the screws with the 4 mm hex wrench.

Figure 4.41

Take off the Arm Cushion Support Pivot Blocks by loosening the Shoulder Bolts with the 3 mm hex wrench.

Remove the Shoulder Bolts, Wave Washers and Arm Cushion Support Pivot Blocks from the Armrest Section frame. Refer to **Figure 4.42.**

NOTE: Keep these parts in a safe place. The parts will be used to attach the Armrest Section Cushion onto the Armrest Section frame.

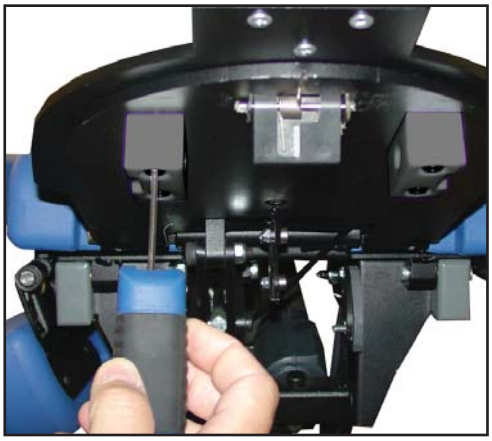


Figure 4.42

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Add a Wave Washer to each Shoulder Bolt (four total). Refer to **Figure 4.43.**

Figure 4.43

Take two Arm Cushion Support Pivot Blocks and place around the Armrest Section Support Rod. Secure the blocks with two Shoulder Bolts/Wave Washers. Refer to **Figure 4.44.**

Figure 4.44

Attach the Armrest Section to the Head Section frame by loosely securing the Shoulder Bolts with the 3 mm hex wrench. Refer to **Figure 4.45.**

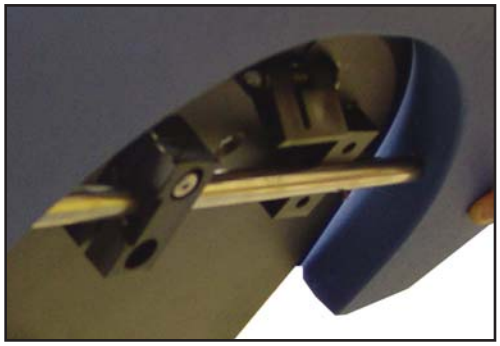


Figure 4.45

Slide another Arm Cushion Support Pivot Block underneath the Armrest Section Support Rod. Refer to **Figure 4.46.**

Place the last Arm Cushion Support Pivot Block over the top of the Armrest Section Support Rod. Secure the blocks with two Shoulder Bolts/Wave Washers.

Tighten all the bolts with the 3 mm hex wrench.

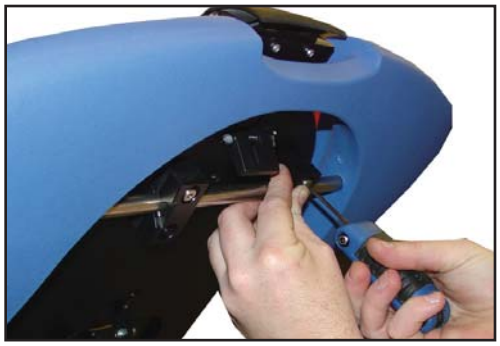


Figure 4.46

4.2 CUSHION/GAS SPRING ASSEMBLY ADAPTA SUMMIT/REGION 7 (CONTINUED)

Take the Head Cushion and attach it to the Head Section frame with four 30 mm flat-head screws **(Parts Group B).** Refer to **Figure 4.47.**

Tighten the screws with the 4 mm hex wrench.

Figure 4.47

5.1 ADAPTA SUMMIT/REGION 3 AND 7 PHYSICAL THERAPY PLATFORM TROUBLESHOOTING

A. General

1. Information in this section, with respect to electronic components, is intended to help with troubleshooting the Actuator and Control Box.
2. Procedures are provided to determine whether electrical components need to be replaced.
3. **Once it has been determined that a particular part requires replacement, use only parts obtained from Chattanooga Group.**

B. General - Replacement Components

1. Critical component replacement parts for the Adapta Summit/Region 3 and 7 Physical Therapy Platform Tables are available as subassemblies only. Individual components of these subassemblies will not be made available by Chattanooga Group.

C. General - Tests and Repair Procedures

1. Certain tests and repair procedures may require use of special tools and/or fixtures. These will be listed at the particular test where they are required. Testing with any other special tool or fixture other than those stated could give erroneous readings or test results. Always perform the tests exactly as stated to ensure accurate results.
2. Test equipment settings will be listed for each test performed prior to the respective test. This will ensure the test is performed to Chattanooga Group standards and enable proper readings.

D. Tools, Fixtures, and Equipment Required

- Piece of Wire at least 2" long with the ends stripped of insulation
- Needle Nose Pliers with Insulated Handles
- Multimeter
- 4 mm Hex Wrench
- 5 mm Hex Wrench
- 10 mm Combination Wrench
- 13 mm Combination Wrench
- 7 mm Combination Wrench
- Small Flat-Head Screwdriver
- #1 Phillips Screwdriver

5.2 ADAPTA SUMMIT/REGION 3 AND 7 PHYSICAL THERAPY PLATFORM VISUAL INSPECTION

- 5 mm Punch Pin
- #2 Phillips Screwdriver
- Small Diagonal Cutters
- Rubber Mallet
- 2.5 mm Hex Wrench
- Hammer
- 7 mm Nut Driver
- 3" Cable Ties
- 90° Snap Ring Pliers
- Rubber Band

Lift a Retractable Caster Pedal up with the toe of your shoe and verify the casters lock and the table cannot be easily moved. Press the Retractable Caster Pedal down and move the table. Verify that the table moves easily and freely. Lift the Retractable Caster Pedal to lock the Casters for the inspection and plug the table into Mains Power.

NOTE: The Visual Inspection covers the Adapta Summit/Region 3 and 7 Section Platform Tables with and without Postural Drain. When performing the Visual Inspection, disregard information that does not apply to the table purchased by the facility.

Inspect all of the **Cushions** on the table. Make sure the Cushions are securely fastened to the Frame and are without rips or tears.

On the Back Section of the table, press the **Back Section Elevation Lever** and the Back Cushion together. While continuing to hold the Lever and Cushion, together move the Lever and Cushion up and down, ensuring they move freely and smoothly. Release the Back Section Elevation Lever when the Cushion is raised to lock into place.

Pull down on each side of the Back Cushion to verify the **Gas Springs** are firmly supporting the Back Section. With the Cushion in a raised position, inspect the upper and lower connections of the Gas Springs. Ensure the Gas Springs are not loose and the Plastic Covers are present and secure over the top connections of the Gas Springs.

Inspect the **Gas Spring** at the head of the table. Check the function of the Gas Spring by lifting the **Head Section Release Handle**. While holding the Lever, move the Head Section up and down to ensure it moves smoothly and freely. Release the Lever with the Head Section in the raised position and press down on the Head Section to ensure that the Gas Spring holds firmly.

5.2 ADAPTA SUMMIT/REGION 3 AND 7 PHYSICAL THERAPY PLATFORM VISUAL INSPECTION (CONTINUED)

The 7-Section Table Head Section is surrounded by the **Armrest Section**. From the underside of the table, pull the Plastic Lever on the Arm Section toward you to lower the Armrest Section. Raise the Armrest Section and confirm that it locks back into place.

Working around the table, press each of the **Elevation Pedals.** Verify that the table moves up and down when the Pedals are pressed.

If the table has Postural Drain, place the Head Section of the table in a level or neutral position. The **Postural Drain Switches** are on both sides of the Chest Cushion. Press the Postural Drain Switches to the right and left to verify the Postural Drain moves up and down smoothly when the Postural Drain Switch is pressed.

Lower the Head Section of the table to its lowest position. With the Head Section lowered, press one of the Postural Drain Switches and try to raise and lower the Postural Drain. Ensure the Limit Switch keeps the Postural Drain from raising enough to force the Head Piece under the table. If the Limit Switch is operating properly, the Postural Drain will only move down until the Head Section is no longer under the table.

On the 7-Section table, raise the **Shoulder Wing** to lock into place. Using one hand, pull the Shoulder Wing toward the head of the table to release and lower to the side.

Unplug the table from Mains Power and ensure the **Ground Wire** is secured to the frame. Check the connections on the **Control Box**. The Elevation Actuator should be plugged into Port 1, the Postural Drain Actuator into Port 3 and the Control Box Harness in the last or HB Port.

5.3 ELECTRICAL SAFETY

The Adapta Summit/Region 3 and 7 Physical Therapy Platforms have been tested to IEC/UL/EN .. 60601-1, 60601-1-2, Standard for Safety for Medical Equipment.

NOTE:
This device complies with current leakage, ground continuity, and dielectric withstand (Hi-Pot) limits as prescribed by IEC/EN/UL 60601-1 and CAN/CSA C22.2 No. 601.1-M90 w/A2 Medical Electrical, Part 1: General Requirements for Safety. Facility, local and national limits and test methods may vary.

A. Power Requirements

100V Models: .....60 Hz, 4.4 A
120V Models: .....60 Hz, 1.7 A
230V Models: .....50 Hz, 1.0 A

⚠ WARNING

A table that fails the dielectric withstanding and/or leakage test could indicate serious internal system problems. Do not place this table back into service. Contact the factory for repair. Do not attempt to repair the table in the field.

9700675

Standards:
Complies with
IEC/UL/EN 60601-1, 60601-1-2,

Certified to
CAN/CSA C22.2 No. 601.1-M90 w/A2

5.5 TESTING

NOTE: When troubleshooting the Harnesses, perform the following tests in the order listed.

⚠ WARNING

Testing the Harnesses requires connection to Mains Power. Keep hands and feet clear of moving parts when changing the elevation of the table to prevent personal injury.

5.6 CONTROL BOX HARNESS TEST

A. Equipment Required

- Piece of Wire at least 2" long with the ends stripped of insulation
- Needle Nose Pliers with Insulated Handles
- Mulitmeter

B. Test

1. Disconnect the Control Box Harness from the Table Harness and the Limit Switch Harness.
2. Using a 7 mm Nut Driver, remove the Nuts from the P-Clips securing the Harness to the center Frame and the Control Box Housing.

   NOTE: Pull the Control Box Harness to the side of the Table. This will allow testing without being under the frame of the table.
3. Using Needle Nose Pliers with insulated handles, complete the circuit between the Gray and the Orange Wires, by touching one prong of the pliers to the pin for the Gray Wire and one prong of the pliers to the pin for the Orange Wire. This will lower the table.
4. Repeat **Step 3,** completing the circuit between the Gray and the Black Wires. This will raise the table.

   NOTE: If the Postural Drain is elevated, it will lower. Should the Postural Drain be in its lowest position, complete **Step 4** and then return to **Step 3.**
5. Using a piece of wire, touch one end to the pin on the Four-Pin Connector corresponding to the Gray Wire and the other end to the metal strip on the back of the Three-Pin Connector corresponding to the Yellow wire. If the circuit is completed, the Postural Drain will lower.

   NOTE: **Steps 5-7** do not apply unless the table has a Postural Drain.
6. Repeat **Step 5,** making the connection between the Gray Wire and the Blue Wire. If the circuit is completed, the Postural Drain will elevate.
7. Place the Multimeter on the Ω or resistance setting. Test the Jumper between the Four- and the Three-Pin Connectors by touching one lead of the Mutimeter to the pin for the Jumper on the Four-Pin Connector while touching metal on the back of the Three-Pin Connector for the jumper. If the multimeter reads < 100 Ω, the jumper is functional.

C. Test Results

1. At the end of **Step 4,** if the table can be moved up and down, the Four-Pin Connector of the Control Box Harness is functional.
2. At the end of **Step 7,** if all of the connections corresponding to the elevation and lowering of the Postural Drain function and the Jumper has a Multimeter reading < 100 Ω, the Postural Drain Connector is functional.

5.7 LIMIT SWITCH HARNESS TEST

NOTE: Only for Tables with Postural Drainage.

A. Equipment Required

- Multimeter

B. Test

NOTE: Prior to testing, inspect the Three-Pin Connector joining the Limit Switch Harness and the Control Box Harness. Check to make sure the connection is secure and the Connector is well seated.

1. Disconnect the Limit Switch Harness from the Postural Drain Harness.
2. Using Needle Nose Pliers, complete the circuit between the Black Wire and the Red Wire by touching one prong of the pliers to the pin corresponding to the Black Wire and the second prong of the pliers to the pin corresponding to the Red Wire. If the Postural Drain is elevated, it will go down.

   NOTE: If the Postural Drain is elevated, it will lower. Should the Postural Drain be in its lowest position, complete **Step 3** and then return to **Step 2.**
3. Repeat **Step 2,** completing the circuit between the Black and the Green Wires. If Limit Switch Harness is functioning properly, the Postural Drain will raise.

C. Test Results:

When test is complete, if the Postural Drain can be raised and lowered, the Limit Switch Harness is functional.

5.8 POSTURAL DRAIN HARNESS TEST

A. Equipment Required

• Needle Nose Pliers with Insulated Handles

B. Test

NOTE: The Postural Drain Harness is connected to the Limit Switch Harness, the Limit Switch, and each of the Postural Drain Switches. Check all of the connections prior to testing, making sure that there are no loose wires or connections.

1. Use Needle Nose Pliers to disconnect the three Fastons, joining the Postural Drain Harness to the Postural Drain Switch.
2. Push back the Plastic Sleeves from the Fastons, exposing the metal. Using needle nose pliers, short the Fastons for the Red and the Black Wires by putting them together, metal to metal. If the circuit is completed, the Postural Drain will lower.

NOTE: If the Postural Drain is in its lowest position, the Postural Drain will not go down. Complete **Step 3** and then return to **Step 2** .

3. Using Needle Nose Pliers, short the Fastons for the Black and the Green Wires by putting them together metal to metal. If the circuit is completed the Postural Drain will elevate.
4. Repeat **Steps 1-3** on the second Postural Drain Switch on the opposite side of the table.

C. Test Results:

If the Postural Drain Switches on both sides of the table function correctly in **Steps 2 and 3,** then the Postural Drain Harness is functional.

NOTE: If the Postural Drain does not function, proceed to the Limit Switch Test. If the Limit Switch is not functional, disconnect the Limit Switch Fastons, join metal to metal, and retest the Postural Drain.

5.9 LIMIT SWITCH TEST

A. Equipment Required

• Needle Nose Pliers with Insulated Handles

B. Test

NOTE: This is an elimination test. If the Limit Switch is receiving power and does not function, replace the Limit Switch.

1. Use Needle Nose Pliers to disconnect the two Fastons connected to the Limit Switch.
2. Push back the plastic Sleeves from the Fastons, exposing the metal. Using Needle Nose pliers, hold Fastons together, metal to metal.
3. While holding the Fastons together with the Needle Nose Pliers, press the Postural Drain Control up and down verifying movement.
4. Attach the Fastons to the Limit Switch.
5. Press one of the Postural Drain Switches and verify the Postural Drain moves up and down.
6. Lower the Head Section of the Table to the lowest possible position.
7. Press the Postural Drain Switches. If the Limit Switch is functional, it should keep the Postural Drain from elevating, keeping the Head Section out from under the table.

C. Test Results:

When test is complete, if the Limit Switch is functional, it will respond as described in the steps above.

5.10 TABLE HARNESS TEST

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Equipment Required

- Needle Nose Pliers with Insulated Handles

B. Test

NOTE: If at any given point in this test procedure the Table Harness fails to perform as expected, replace the Harness unless otherwise noted.

1. Verify the function of all of the Elevation Pedals around the table. Note any Pedals that are not functioning properly.
2. Lock the Casters and unplug the table from the Mains Power.
3. With at least two people, lay the table upside down on its Cushions and plug the table in to test the harness.

   NOTE: Remove the Elevation Pedal Covers from any of the Pedals found to not be working in **Step 1**. If any of the Switches are pressed in and will not release, disconnect the Connector joining the Table Harness and the Elevation Pedal.
4. Disconnect the Table Harness from the Control Box Harness.
5. Using a Multimeter, set on the resistance or Ω setting, touch one lead of the Multimeter to the pin of the Yellow Wire and one lead of the Multimeter to the pin of the Black Wire. If the Multimeter reads < 100 Ω, the Jumper wire is functional**.**

   NOTE: Reconnect the Table Harness to the Control Box Harness.
6. Locate the last connection of the Table Harness and disconnect the Elevation Pedal from the Table Harness.
7. Use Needle Nose Pliers to complete the circuit between the Black and Red Wires by touching the metal on the back of the female connector corresponding to the Red Wire and the Black Wire. If the circuit is completed, the table will lower.

   NOTE: If the table is in its lowest position, it will not go down. Complete **Step 8** and then return to **Step 7** if the table fails to lower.
8. Repeat **Step 7,** completing the circuit between the Green and the Yellow Wires. If the circuit is completed, the table should raise.
9. Inspect the PT Harness Connections at any of the Elevation Pedals that would not function. Verify all Wires are securely seated in the Connector.

   NOTE: If damaged or loose wires are found in any of the Connectors on the Table Harness, replace the Harness.

C. Test Results:

When test is complete, if the Table Harness is functional, it will respond as described in the steps above.

5.11 PROBLEM SOLVING

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDIES
No motor sound from the Actuator or movement of the Acutator Piston Rod	- Not connected to Mains Power - Damaged Control Box - Power Cable from the Control Box to the Actuator damaged or plugged into the incorrect port	- Connect to Mains Power - Replace Control Box - Replace Power Cable - Plug Power Cable into Port 1 (Elevation Actuator, **Fig. 6.24**) - Plug Power Cable into Port 3 (Postural Drain Actuator, **Fig. 6.24**)
Actuator Motor runs but the Piston Rod does not respond	- Damaged Actuator	- Replace Actuator
Actuator fails under load	- Damaged Actuator	- Replace Actuator
Actuator Motor runs slowly or does not give full force	- Incorrect voltage	- Verify Mains Power and Voltage requirements are compatible - Replace Control Box - Replace Actuator
Actuator Piston Rod moves inward only and not outward	- Damaged Actuator	- Replace Actuator
Control Box Power Indicator does not light up	- Not connected to Mains Power - Damaged Control Box	- Connect to Mains Power - Replace Control Box
Control Box Power Indicator lights up, Actuator does not run	- Actuator not plugged into the Control Box - Actuator plugged into the incorrect port - Actuator damaged	- Properly seat Actuator Power Cord - Plug Power Cord into the Correct Port - Replace Actuator
Control Box has no power or no click can be heard when engaged	- Not connected to Mains Power - Damaged Control Box	- Connect to Mains Power - Replace Control Box
Head Section of the Table does respond	- Cable broken or disconnected - Gas Spring out of adjustment - Gas Spring defective	- Inspect Cable, reattach or replace - Adjust Gas Spring - Replace Gas Spring
One or both of the Gas Springs on the Back Section of the table do not respond	- Gas Spring needs adjusting - Gas Spring defective	- Adjust Gas Spring - Replace Gas Spring
Table will not elevate or lower	- Actuator plugged into the incorrect port - Damaged Control Box - Damaged Control Box Harness - Damaged Table Harness - Damaged Elevation Pedal or Elevation Pedal Switch pressed in and not releasing - Table is fully extended or fully lowered - Bad Elevation Actuator	- Properly seat Actuator Power Cord - Plug Power Cord into the Correct Port - Replace Control Box - Replace Control Box Harness - Replace Table Harness - Replace Damaged Elevation Switch - Move table in the other direction - Replace Elevation Actuator

5.11 PROBLEM SOLVING (CONTINUED)

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDIES
Postural Drain will not elevate or lower	- Damaged Control Box - Power Cable from the Control Box to the Actuator damaged or plugged into the incorrect port - Damaged Control Box Harness - Damaged Limit Switch Harness - Damaged Limit Switch - Damaged Postural Drainage Harness - Postural Drain is fully extended or fully lowered	- Replace Control Box - Replace Power Cable - Plug Power Cable into Port 3 - Replace Control Box Harness - Replace Limit Switch Harness - Replace Limit Switch - Replace Postural Drainage Harness - Move Postural Drain in the other direction
Postural Drain will not elevate but will lower	- Head Section is lowered - Postural Drain is fully elevated - Damaged Postural Drain Switch	- Raise Head Section - Lower Postural Drain - Replace Postural Drain Switch
Elevation Pedal(s) not functioning	- Damaged Table Harness - Damaged Elevation Pedal Harness - Spring in Elevation Switch not aligned - Cover not aligned - Damaged Control Box - Damaged Control Box Harness - Damaged Power Cable	- Replace Table Harness - Replace Elevation Pedals - Properly seat the spring - Align Elevation Pedal Cover - Replace Control Box - Replace Control Box Harness - Replace Power Cable
Latch on the Armrest of the 7 Section Table does not function	- Damaged Latch	- Replace Latch

6.1 HEAD SECTION GAS SPRING

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Numbers.....33534

B. Tools and Equipment Required

- 4 mm Hex Wrench
- 5 mm Hex Wrench
- 10 mm Combination Wrench
- 13 mm Combination Wrench
- Needle Nose Pliers
- Flat Head Screwdriver

C. Gas Spring Removal and Replacement

NOTE: Prior to replacing the Gas Spring, lower the Postural Drain as far possible. The Shoulder Bolt securing the Gas Spring to the Frame will not be accessible if the Postural Drain is raised.

1. Lower the Postural Drain as far possible.
2. Lock the Casters on the table and unplug from the Mains Power.
3. Using pliers, press the Lever Arm of the Gas Spring down and release the Cable from its holder by pulling the Barrel end of the Cable up and out of the slit. Refer to **Figure 6.1.**
4. Use a small flat-head screwdriver to free the Cable from the Cable Holder. Refer to **Figure 6.2.**

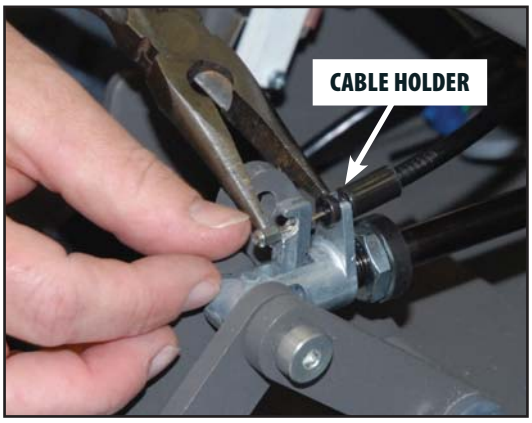


FIGURE 6.1

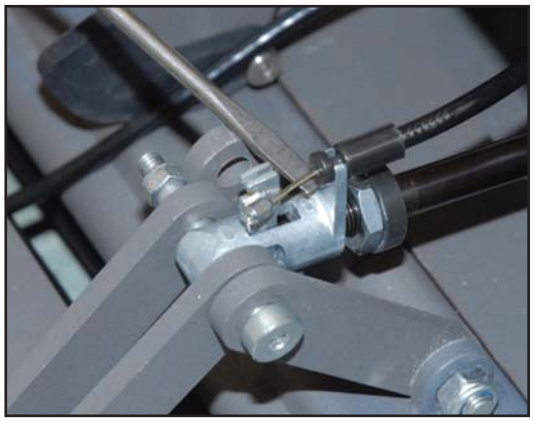


FIGURE 6.2

6.1 HEAD SECTION GAS SPRING (CONTINUED)

5. Using a 10 mm Combination Wrench and a 4 mm Hex Wrench, remove the Shoulder Bolt and the Nut securing the top of the Gas Spring to the Metal Brackets. Refer to **Figure 6.3.**

NOTE: If the Shoulder Bolt of the Gas Spring cannot be easily removed, plug the table into Mains Powers and make a slight adjustment to the Postural Drain Actuator to make the Shoulder Bolt easier to remove. Unplug the table from the Mains Power before continuing.

FIGURE 6.3

6. Using a 5 mm Hex and a 13 mm Combination Wrench, remove the remaining Shoulder Bolt and Nut securing the bottom of the Gas Spring to the Frame. Refer to **Figure 6.4.**

NOTE: The length of the Gas Spring for installation of the replacement will need to be approximately the same as the Gas Spring removed. Replacement Gas Springs will most likely be shorter. The length can be adjusted by pressing the Lever of the Gas Spring and releasing it until the length is matched.

If the length of the replacement exceeds the length of the Gas Spring being removed, unscrew the Cable Holder and Lever and remove them from the Gas Spring.

Place the tip of the Spring on a hard surface and apply enough pressure to push the rod back into the Spring.

When the Lever and the Cable Holder are separated from the Gas Spring, the Lever falls free. When installing the Lever and Cable Holder back onto the Spring, center the tip of the Gas Spring Rod into the groove in the Lever. Twist the Cable Holder and Lever until the play is removed from the Lever. Do not over tighten.

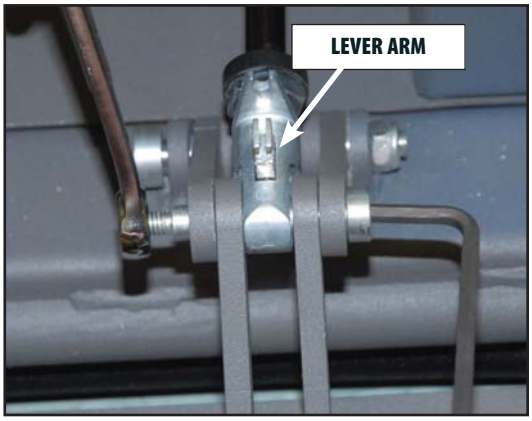


FIGURE 6.4

7. Reverse the above Steps for installation of the replacement Gas Spring.

6.2 HEAD SECTION GAS SPRING CABLE

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Numbers 33707

B. Tools and Equipment Required

- Small Flat-Head Screwdriver
- Needle Nose Pliers
- 4 mm Hex Wrench
- #1 Phillips Screwdriver

C. Head Section Gas Spring Cable Removal and Replacement

1. Using a 4 mm Hex Wrench, remove the four Screws securing the Head Cushion to the metal Frame of the table.

NOTE: The replacement Cable should be installed in approximately the same location as the Cable being replaced. In order to secure the Cable in approximately the same position, before removing the Cable, trace the path of the Cable onto the metal plate. Refer to **Figure 6.5 inset.**

2. Using a #1 Phillips screwdriver, release the two Screws securing the P-Clips from the top of the metal plate. Refer to **Figure 6.5.**
3. Using the small flat-head screwdriver, free the black Cable Housing from the groove behind the Lever. Refer to **Figure 6.6.**

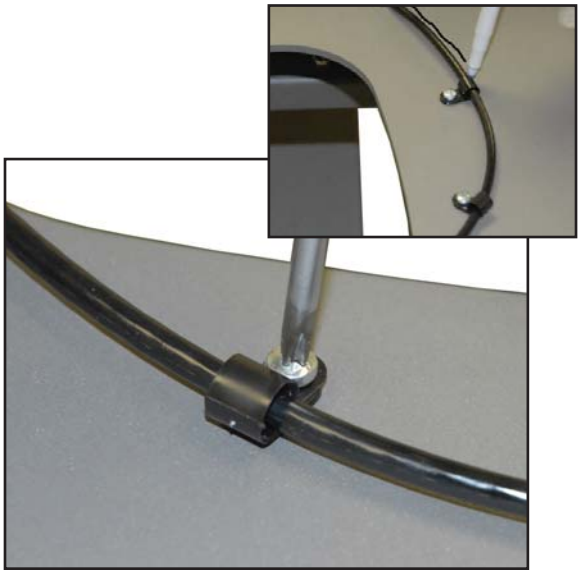


FIGURE 6.5

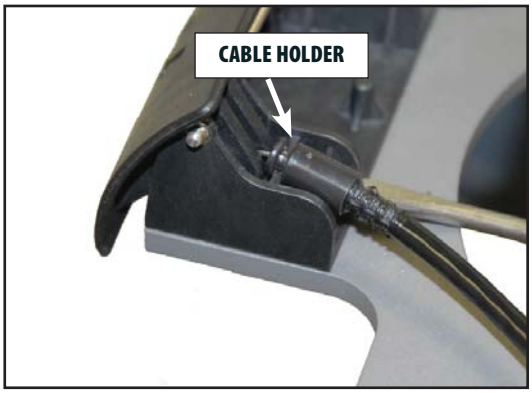


FIGURE 6.6

6.2 HEAD SECTION GAS SPRING CABLE (CONTINUED)

4. Lift the Lever and use the small flat-head screwdriver to push the Barrel end of the Cable up to release from the Barrel Holder. Refer to **Figure 6.7.**

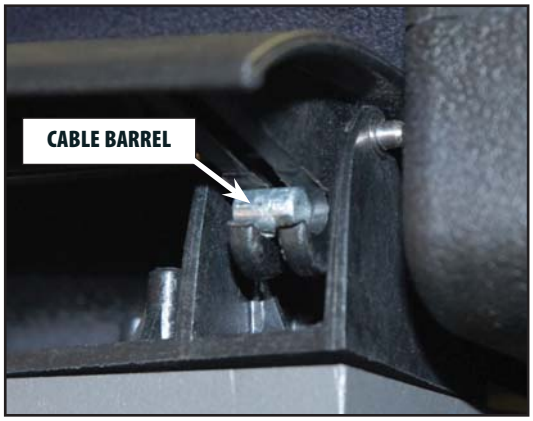


FIGURE 6.7

5. Use a small flat-head screwdriver to free the cable from the Cable Holder on the Lever attached to the top of the Gas Spring. Free the Cable and remove. Refer to **Figure 6.8.**

NOTE: When installing the Gas Spring Cable, use Needle Nose Pliers to compress the Lever at the top of the Gas Spring for installation of the Cable Barrel.

6. Reverse the step above for installation of the Cable.

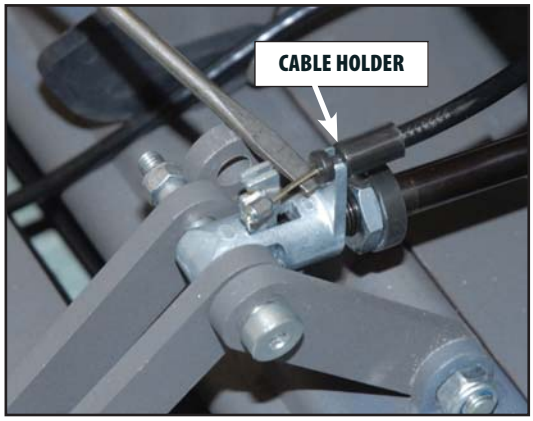


FIGURE 6.8

NOTE: Install the replacement following the path drawn when removing the P-Clips. Make sure that the Gas Spring Cable is to the right of the Swing Arm or damage to the cable may occur. Refer to **Figure 6.9.**

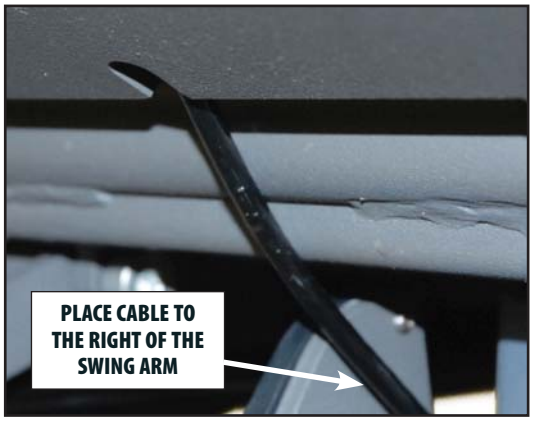


FIGURE 6.9

6.3 HEADREST RELEASE HANDLE

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

A. Part Numbers..... 33929

B. Tools and Equipment Required

- #2 Phillips Head Screwdriver
- Small Flat-Head Screwdriver
- 4 mm Hex Wrench

C. Head Cushion Release Lever Removal and Replacement

1. Using a 4 mm Hex Wrench, remove the Head Cushion from the table.

2. Lift the Lever and use the small flat-head screwdriver to push the Barrel end of the Cable up to release from the Barrel Holder. Refer to **Figure 6.10.**

3. Using a #2 Phillips Head Screwdriver, remove the three Screws securing the Lever to the metal Frame. Refer to **Figure 6.11.**

4. Reverse the above steps for installation.

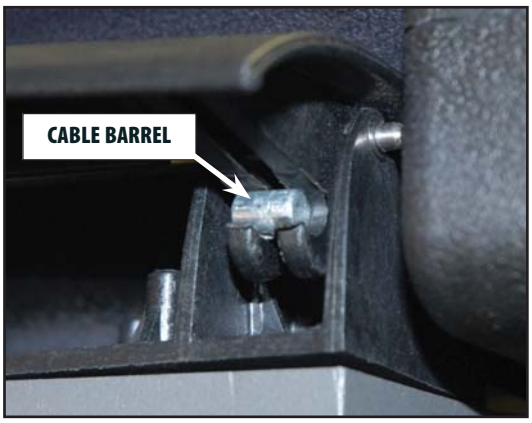


FIGURE 6.10

FIGURE 6.11

6.4 ELEVATION ACTUATOR

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Numbers

Actuator 33394

B. Tools and Equipment Required

- Small Diagonal Cutters
- Small Flat-Head Screwdriver
- 5 mm Hex Wrench
- 13 mm Combination Wrench

C. Elevation Actuator Removal and Replacement

NOTE: Retain all parts removed from the table. If necessary, label and note the location of the parts for installation of the replacement.

1. Lock the Casters and unplug the table from the Mains Power.
2. With at least two people, lay the table on its side.
3. Using a 5 mm Hex Wrench and a 13 mm Combination Wrench, remove the bottom Shoulder Bolt, Nut and two Black Spacers, securing the Actuator Rod to the Frame. Refer to **Figure 6.12.**

   NOTE: Should the table be in its lowest position, removing the Shoulder Bolt on the end of the Actuator Rod will allow the Base of the table to move. If necessary, lift the Base and pull downward to extend. Extending the Base will allow access to the Shoulder Bolt securing the top of the Actuator to the Frame. Refer to **Figure 6.13.**

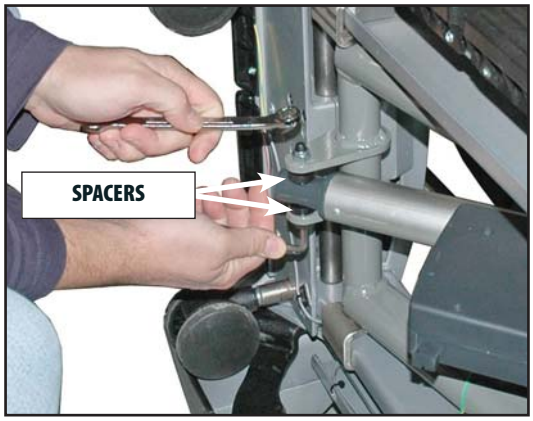


FIGURE 6.12

FIGURE 6.13

6.4 ELEVATION ACTUATOR (CONTINUED)

4. Using a small flat-head screwdriver, remove the Black Cap on the Metal Housing over the top of the Actuator. Refer to **Figure 6.14.**

FIGURE 6.14

5. With a 5 mm Hex Wrench, remove the Shoulder Bolt securing the Actuator to the Frame. Refer to **Figure 6.15.**

FIGURE 6.15

6. Using small Diagonal Cutters, cut the Cable Tie securing the Control Box Power Harness to the Actuator. Refer to **Figure 6.16.**

NOTE: Hold the Controller and the Actuator when removing the top Shoulder Bolt to keep the Controller and Actuator from dropping.

Be sure to note the path of the Actuator Power Cable, as not all tables will have Actuator Power Cables secured with Cable Ties.

7. Disconnect the Actuator Power Cable and clip from the Control Box to the Actuator by pulling up on the Cable and Clip. Refer to **Figure 6.16.**

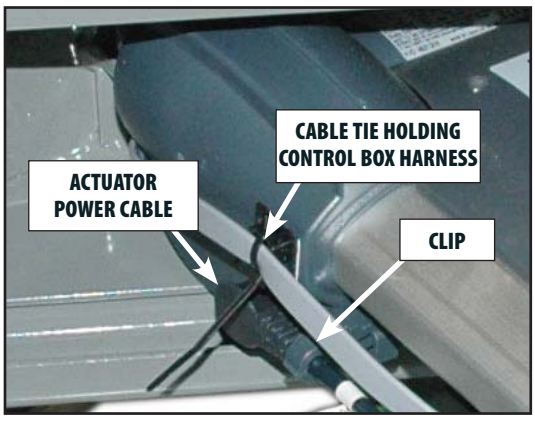


FIGURE 6.16

6.4 ELEVATION ACTUATOR (CONTINUED)

8. Remove the C-Clip securing the Controller to the Actuator and slide the Controller off of the grooves on the top of the Actuator. Refer to **Figure 6.17.**

9. Install the replacement by reversing the steps above.

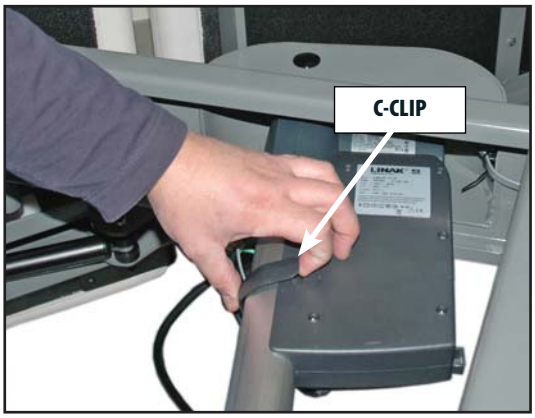


FIGURE 6.17

NOTE: The length of the replacement Actuator may not be the same as the Actuator removed from the table. Once the Actuator and the Controller are installed, plug the table into the Mains Power. While guiding the Actuator Rod, use the Elevation Pedals to adjust the length of the Actuator Piston Rod for installation of the Rod end. Refer to **Figure 6.18.**

FIGURE 6.18

6.5 POSTURAL DRAIN ACTUATOR

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

A. Part Numbers 33395

B. Tools and Equipment Required

- 5 mm Hex Wrench
- 13 mm Combination Wrench
- Small Flat-Head Screwdriver
- 5 mm Punch PIn
- Hammer

C. Postural Drain Actuator Removal and Replacement

NOTE: If the Actuator has failed and the Postural Drain is in its lowest position, the Shoulder Bolt securing the Actuator will be difficult to remove. Remove the Shoulder Bolt and Nut from the head end of the table using a 5 mm Punch Pin and a Hammer to force out the Shoulder Bolt. The Postural Drain elevation can be adjusted by raising the Chest Section slightly to allow easy removal of the Bolt on the rod end of the table.

1. Using a 5 mm Hex Wrench and a 13 mm Combination Wrench, remove the Shoulder Bolt and Nut from the rod end of the Actuator. Refer to **Figure 6.19.**

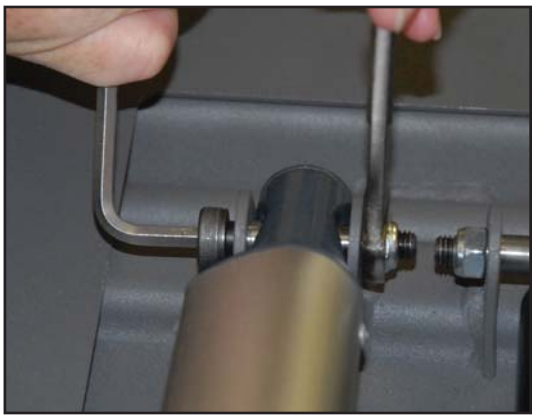


FIGURE 6.19

6.5 POSTURAL DRAIN ACTUATOR (CONTINUED)

NOTE: The Shoulder Bolt from the Gas Spring and the Shoulder Bolt from the Actuator are end to end. It may be necessary, after loosening the Actuator Shoulder Bolt, to use a flat-head screwdriver to force the Shoulder Bolt away from the Gas Spring Shoulder Bolt for removal of the Nut. Refer to **Figure 6.20.**

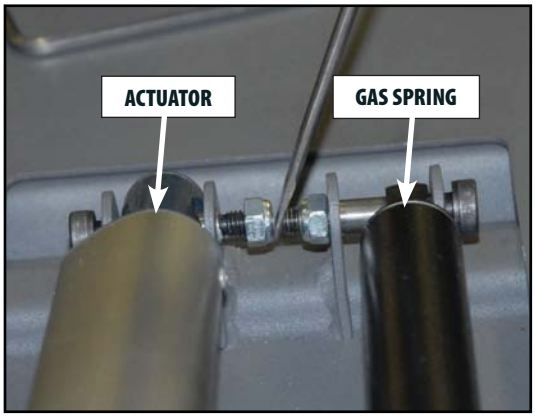


FIGURE 6.20

2. Unplug the Power Cable from the Actuator. Refer to **Figure 6.21.**

3. Using a 5 mm Hex Wrench and a 13 mm Combination Wrench, remove the Shoulder Bolt and Nut from the other end of the Actuator. Refer to **Figure 6.22.**

4. Reverse for installation of the replacement.

FIGURE 6.21

NOTE: If the length of the Actuator varies from the original, slightly lift the table and adjust the Postural Drain Elevation to accommodate the length of the replacement.

NOTE: When installing the replacement, slip the end of the Actuator into the metal sleeve before connecting the Shoulder Bolt on the Rod end of the Actuator. Refer to **Figure 6.22.**

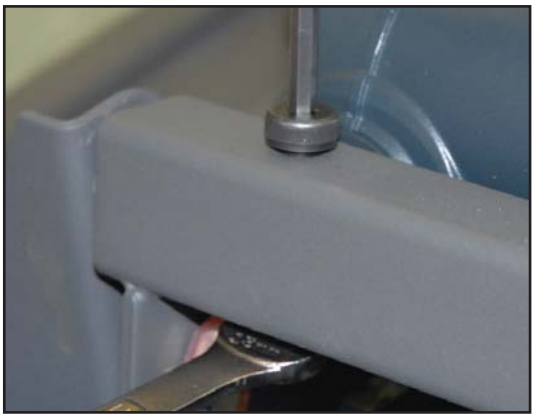


FIGURE 6.22

6.6 CONTROL BOX

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Control Box

100V-120V Control Box CB6 33372
230V Control Box CB6 33373

B. Tools and Equipment Required

- 13 mm Combination
- 5 mm Hex Wrench
- Small Flat-Head Screwdriver

C. Control Box Removal and Replacement

1. Remove the Actuator and the Control Box following **steps 1-8 in Section 6.4 Elevation Actuator Removal and Replacement.**
2. Using a flat-head screwdriver, press in the Red Lock on one side of the Power Cord and pull the Cord outward to remove from the Control Box. Refer to **Figure 6.23.**
3. Remove the Plugs from Port 1 and Port 3, and the Control Box Power Harness from the HB Port on the Control Box. Refer to **Figure 6.24.**

NOTE: The Plug in Port 1 connects to the Elevation Actuator and Port 3 is the Postural Drain Actuator. For installation, note the Cable length, gasket color, and Port number.

If the table does not have Postural Drain, there will not be a Plug in Port 3. **Refer to Figure 6.24.**

FIGURE 6.23

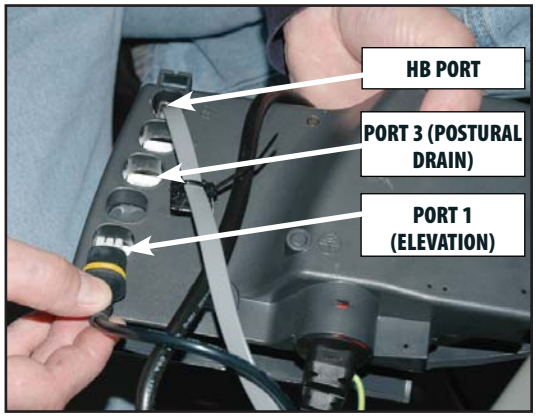


FIGURE 6.24

6.6 CONTROL BOX (CONTINUED)

4. Using a small flat-head screwdriver, press the tab on the Connector in the last Port on the Controller and remove the Cable that goes to the Harness. Refer to **Figure 6.25.**

FIGURE 6.25

5. Using an 7 mm Nut Driver, remove the Nut securing the Ground Wire to the center Frame. Refer to **Figure 6.26.**

6. Reverse for installation of the replacement.

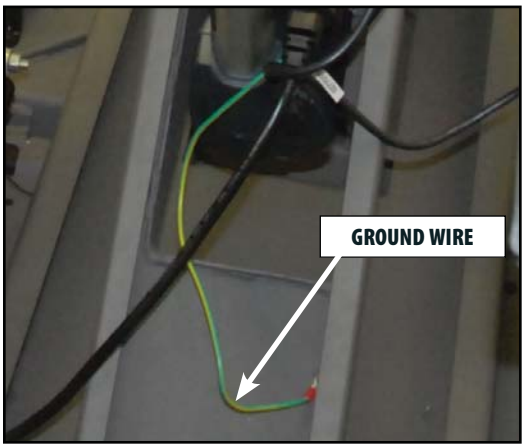


FIGURE 6.26

6.7 SIDE AND END ELEVATION PEDALS

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Number

Side Elevation Pedals 33930
End Elevation Pedals.....33931

B. Tools and Equipment Required

- Small Flat-Head Screwdriver
- #1 Phillips Screwdriver
- #2 Phillips Screwdriver
- Small Diagonal Cutters

C. Elevation Pedal Removal and Replacement

NOTE: Lay the table opposite the side where the Pedals need to be replaced. When replacing the Table Harnesses or multiple Pedals, lay the table upside down on its Cushions.

NOTE: Side and End Elevation Foot Pedals are replaced in pairs. The Elevation Foot Pedals to raise and lower are always replaced together.

NOTE: After replacing the Elevation Foot Pedals, connect the table to Mains Power and verify the function of the Elevation Foot Pedals before putting the table in a standing position.

1. Lock the Casters and unplug the table from the Mains Power.
2. With at least two people, lay the table on its side. Refer to **Figure 6.27.**

FIGURE 6.27

6.7 SIDE AND END ELEVATION PEDALS (CONTINUED)

3. Position a small flat-head screwdriver behind the Plastic Catch on the side Elevation Foot Switch and pop the Cover off of both the Elevation Foot Pedals. Retain the Covers and the Springs for installation of the replacement. Refer to **Figure 6.28.**

NOTE: The end Elevation Foot Pedals have smaller Screws with small Washers. These Screws require a #1 Phillips screwdriver. The Side Elevation Pedals require a #2 Phillips screwdriver.

FIGURE 6.28

4. Using a #1 Phillips screwdriver, remove the four Screws securing each of the Elevation Foot Pedals to the Frame. Refer to **Figure 6.29.**

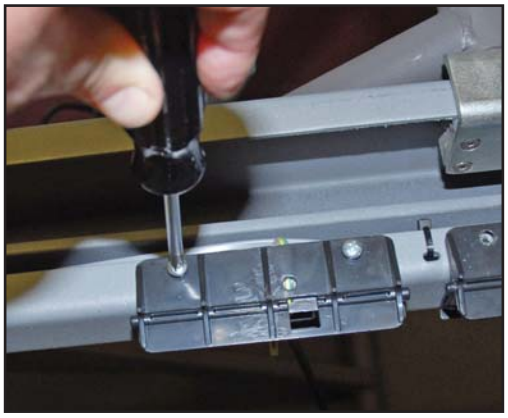


FIGURE 6.29

NOTE: The end Elevation Foot Pedals have smaller Screws with small Washers. Retain both for installation of the replacement. To completely remove the End Elevation Foot Pedals the Harness cover will have to be removed. Refer to **Figure 6.30.**

FIGURE 6.30

6.7 SIDE AND END ELEVATION PEDALS (CONTINUED)

NOTE: The Black and Red Wires go to the down Elevation Foot Pedals and Green and Yellow go to the up Elevation Foot Pedals. Note the orientation of the pedals prior to their removal. Refer to **Figure 6.31.**

FIGURE 6.31

5. Using small Diagonal Cutters, clip the Cable Tie between the two Elevation Foot Pedals. Refer to **Figure 6.32.**

6. Lift the Harness and the Elevation Foot Switch Connector out of the Runner and separate the Elevation Foot Switch from the Harness. Refer to **Figure 6.33.**

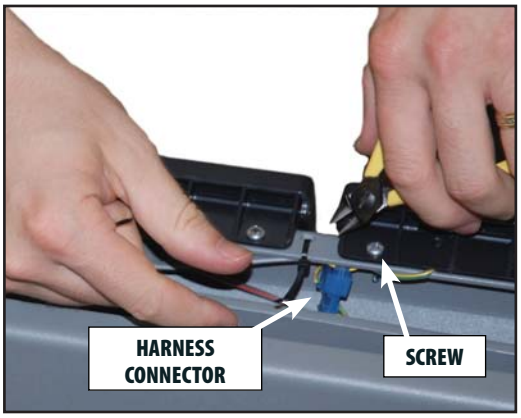


FIGURE 6.32

7. Reverse the steps above for installation of the Elevation Foot Pedals, making sure that the Wires are in the cutouts or grooves in the plastic base to keep the Wires from being pinched when the Elevation Foot Pedals are tightened down. Refer to **Figure 6.33.**

NOTE: The Cable Tie in this location is used to keep the Connector away from the Screws. Always secure the Cable Tie to the right of the Connector. Refer to **Figure 6.32.**

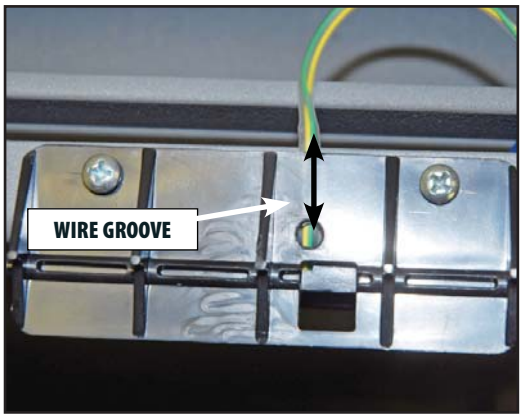


FIGURE 6.33

NOTE: When replacing the Covers of the Elevation Foot Pedals, make sure that the Spring is properly seated on the standoffs in the Cover and on the base of the Elevation Foot Pedals before snapping the Cover into place.

6.8 CASTERS AND RUBBER FOOT PADS

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Number

Caster 33369
Foot Pad 33361

B. Tools and Equipment Required

- Flat-Head Screwdriver
- Rubber Mallet
- 2.5 mm Hex Wrench

C. Caster Removal and Replacement

NOTE: When the Casters are removed, the Stem may or may not come off with the Caster. If the Stem comes off with the Caster, remove it from the Caster and use with the replacement.

1. Lock the Casters and unplug the table from the Mains Power.
2. With at least two people, lay the table on its side.
3. Place a flat-head screwdriver between the plastic top of the Caster and the metal standoff. Use a twisting motion to force the plastic Caster off of the standoff. Refer to **Figure 6.34.**
4. To install the replacement, use a Rubber Mallet to tap the Caster down on the metal Standoff until seated on the Shoulder. Refer to **Figure 6.35.**

D. Rubber Foot Pads Removal and Replacement

1. Using a 2.5 mm Hex Wrench remove the three screws securing the Rubber Pad to the metal Frame and lift to remove. Refer to **Figure 6.36.**
2. Reverse for installation of the replacement.

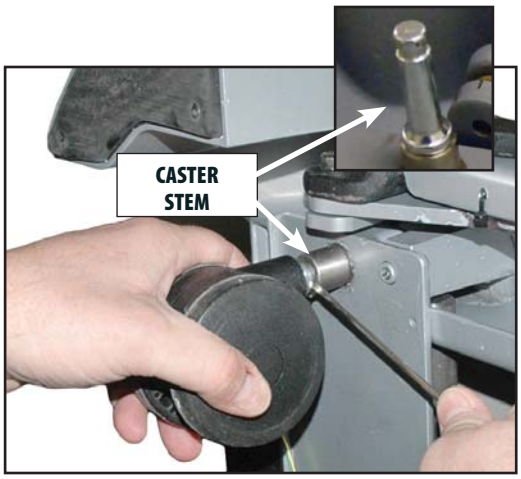


FIGURE 6.34

FIGURE 6.35

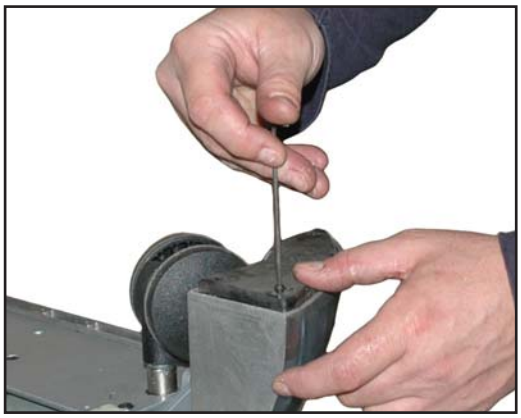


FIGURE 6.36

6.8 CASTERS AND RUBBER FOOT PADS (CONTINUED)

D. Rubber Foot Pads Removal and Replacement

1. Using a 2.5 mm Hex Wrench remove the three screws securing the Rubber Pad to the metal Frame and lift to remove. Refer to **Figure 6.36.**
2. Reverse for installation of the replacement.

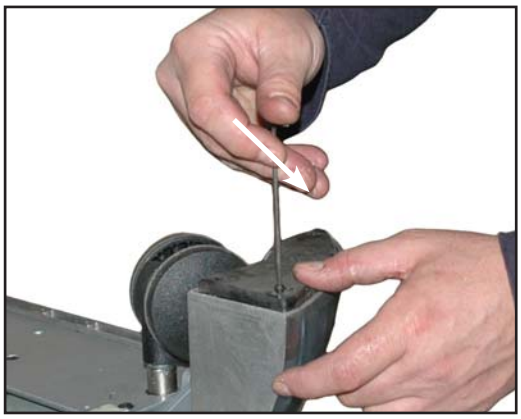


FIGURE 6.36

6.9 CONTROL BOX POWER HARNESS

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

A. Part Number.....33369

B. Tools and Equipment Required

- 7 mm Combination Wrench
- Small Flat-Head Screwdriver
- Small Diagonal Cutters
- Cable Tie

C. Locking Mechanism Removal and Replacement

1. Lock the Casters and unplug the table from the Mains Power.
2. With at least two people, lay the table upside down on its Cushions.
3. Disconnect the Control Box Harness Connector from the Table Power Harness by lifting the tab on the Connector and pulling apart. Refer to **Figure 6.37.**

   NOTE: If the table has Postural Drain, disconnect the Limit Switch Harness from the Control Box Harness by lifting the tab on the Connector and pulling apart. Refer to **Figure 6.37.**
4. Using an 7 mm Combination Wrench, remove the Nuts securing the two P-Clips that hold the Harness to the center frame of the table. One of the P-Clips is located in the center Frame and the second is on the side of the casing for the Controller. Refer to **Figure 6.38.**

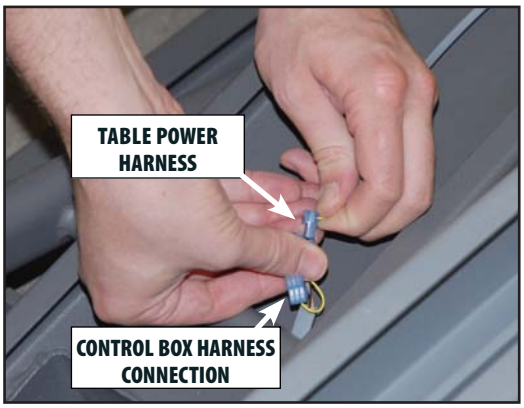


FIGURE 6.37

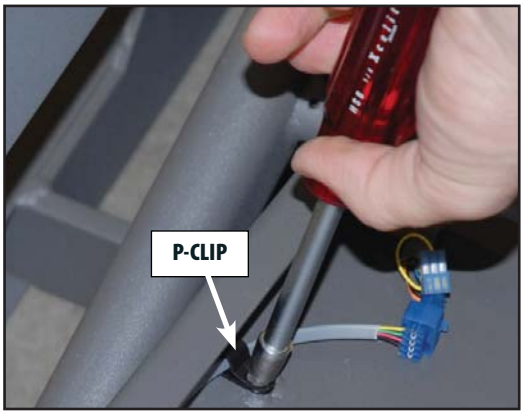


FIGURE 6.38

6.9 CONTROL BOX POWER HARNESS (CONTINUED)

NOTE: Note the path of the Control Box Harness. Follow this path for installation of the replacement.

Not all tables use the Adhesive Tie Holders. The tables with Postural Drain use the Tie Holders to secure the Postural Drain Actuator Cable.

5. Using Diagonal Cutters, cut the Cable Tie holding the Control Box Power Harness to the back of the Actuator. Refer to **Figure 6.39.**

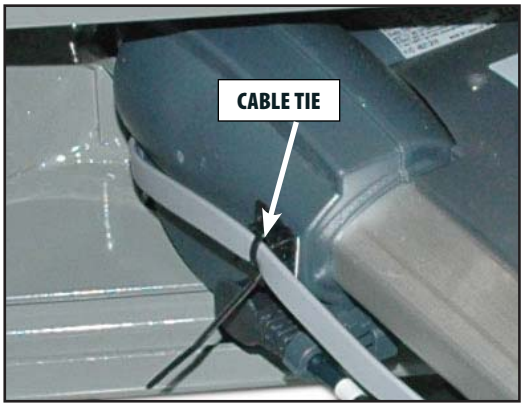


FIGURE 6.39

6. Using a small flat-head screwdriver, press the Connector Tab in the last Port of the Control Box and lift the Harness to remove. Refer to **Figure 6.40.**

FIGURE 6.40

7. Reverse the above steps for installation of the replacement.

NOTE: Before returning the table to a standing position, plug the table into the Mains Power and test the Elevation Pedals to verify that the Control Box Harness functions properly.

6.10 TABLE HARNESS

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Numbers.....33645

B. Tools and Equipment Required

- # 1 Phillips Screwdriver
- # 2 Phillips Screwdriver
- 7 mm Nut Driver
- Small Diagonal Cutters

C. Face Cradle Platform Removal and Replacement

1. Lock the Casters and unplug the table from the Mains Power.
2. With at least two people, lay the table upside down on its Cushions.

   NOTE: Prior to removing the Harness Covers in **Step 3,** note the cutouts for the Wires for installation of the replacement. Refer to **Figure 6.41.**
3. Using a #2 Phillips Screwdriver, remove the four Screws securing the Harness Covers on each end of the table. Refer to **Figure 6.42.**
4. Using a 7 mm Nut Nriver, remove the Nuts securing the two P-Clips that hold the Table Harness to the inside of the center Frame. Refer to **Figure 6.43.**
5. Disconnect the Table Harness from the Control Box Harness by lifting up on the tab and separating.

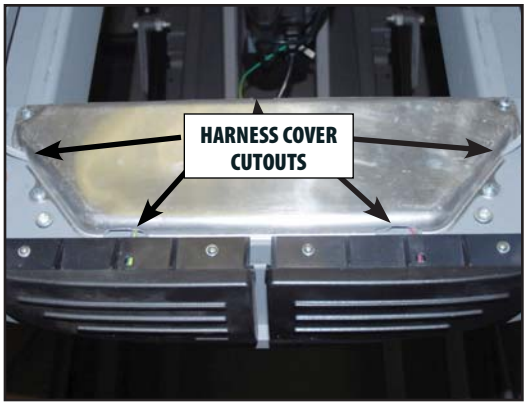


FIGURE 6.41

FIGURE 6.42

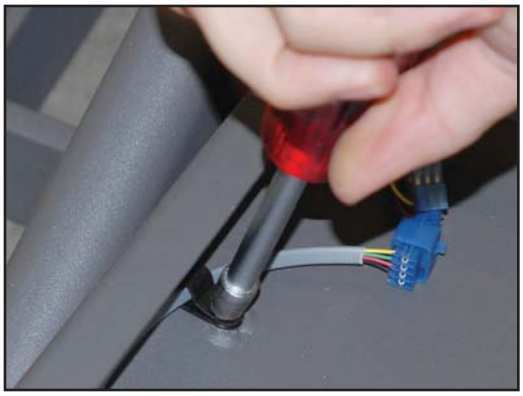


FIGURE 6.43

6.10 TABLE HARNESS (CONTINUED)

⚠ CAUTION

When installing the Table Harness, use the Cable Ties to make sure the Connectors are not directly under the Screws. Contact between a Screw and a Connector could possibly affect the function of the table.

NOTE: Note the orientation of the Table Harness for installation. The Table Harness should be secured behind the P-Clip under the Frame.

NOTE: The Table Harness runs through the hole in the end of the center Frame. Note this for installation of the replacement. Refer to **Figure 6.44.**

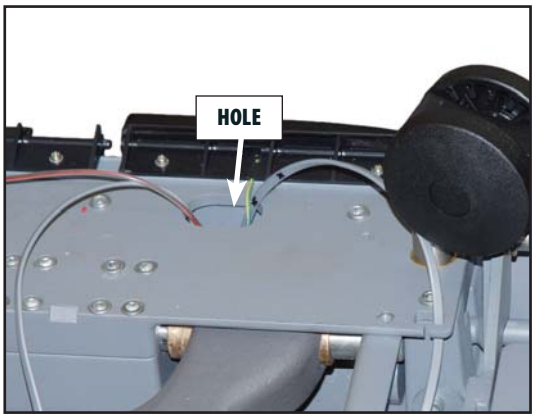


FIGURE 6.44

6. Lift the Table Harness Connector out of the hole in the Metal Plate. Press the tab of the Four-Pin Connector to disconnect the Elevation Pedals from the Table Harness. Refer to **Figure 6.45.**

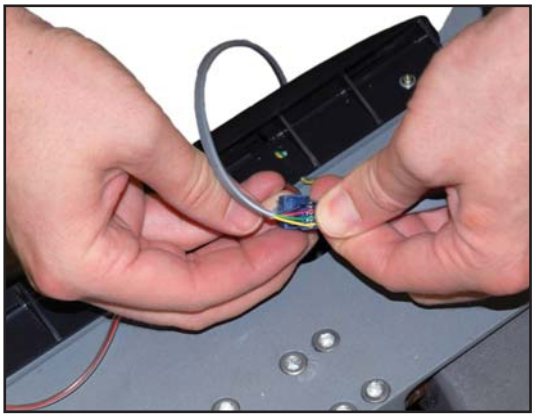


FIGURE 6.45

NOTE: Prior to removing the Cable Ties in the step below, note how the Ties are securing the Table Harness to the Frame. Secure the Cable Ties to the right of the Connectors. The Connector should not be under the screw.

7. Using small Diagonal Cutters, cut all of the Cable Ties securing the Switch Harness to the Frame. Refer to **Figure 6.46.**

NOTE: Locate the three Cable Ties and Adhesive Tie Holders inside the corners of the Frame and remove the Cable Ties and the Adhesive Tie Holder.s The Adhesive Tie Holders will be replaced during installation.

8. Lift the tabs on the side of each of the Elevation Pedal Four-Pin Connectors, and disconnect the Harness from the Pedals.

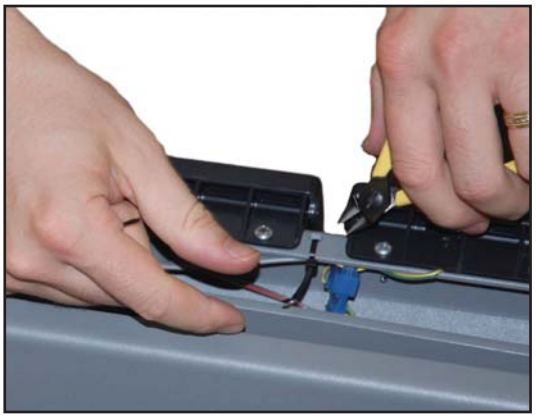


FIGURE 6.46

NOTE: This is a good time to inspect the Connections to the Elevation Pedals. If the Wires are loose in the Four-Pin Connector, the Elevation Pedals should be replaced.

6.10 TABLE HARNESS (CONTINUED)

NOTE: Note the direction and location of the Table Harness. For installation of the replacement, start at the end of the table that connects to the Control Box Harness, moving clockwise around the table.

8. Remove the Harness from the table.

9. Read the installation notes below and then reverse **Steps 1-8** for installation.

NOTE: After installing the Table Harness, plug the table into the Mains Power and test all of the Elevation Pedals before securing the Harness with the Cable Ties. Disconnect from the Mains Power after testing. Refer to **Figure 6.47.**

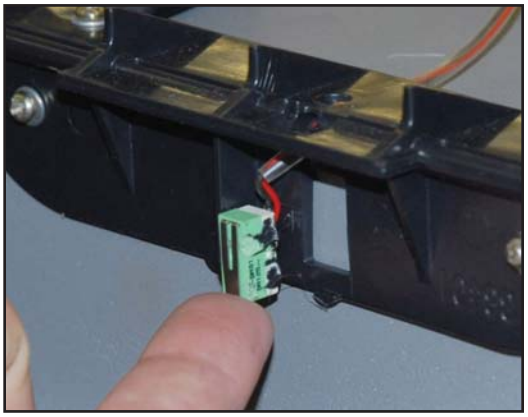


FIGURE 6.47

Installation Notes:

Place all Cable Ties in the holes in the Side Runner Weldments before starting to position the Table Harness and securing into place.

Start at the end of the Table Harness and run your hand down the Harness, keeping it flat against the Runner Weldment. Secure each of the Cable Ties as you progress down the Cable.

Secure all of the Cable Ties on both Runner Weldments prior to securing the Adhesive Tie Holders in the corners of the Runner Weldments.

6.11 CAM ASSEMBLY

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Numbers 33477

B. Tools and Equipment Required

- # 2 Phillips Screwdriver
- 5 mm Hex Wrench
- Rubber Band

C. Cam Assembly Removal

1. Lock the Casters and unplug the table from the Mains Power.
2. With at least two people, lay the table upside down on its Cushions.

   NOTE: Prior to removing the Harness Covers in **Step 3,** note the cutouts for the wires for installation of the replacement. Refer to **Figure 6.48.**

3. Using a #2 Phillips Screwdriver, remove the four Screws securing the Harness Covers on each end of the table. Refer to **Figure 6.49.**

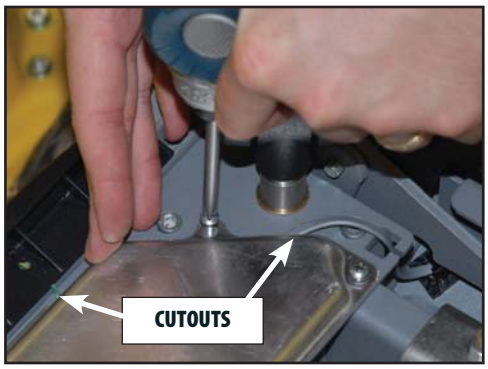


FIGURE 6.48

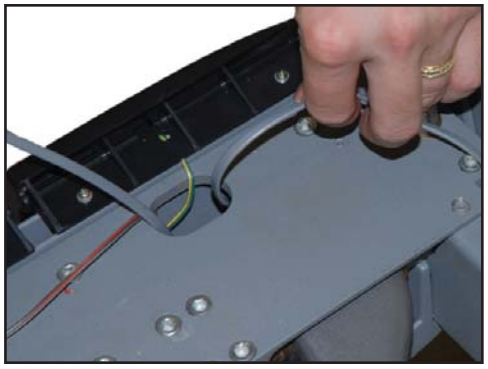


FIGURE 6.49

6.11 CAM ASSEMBLY (CONTINUED)

4. Lift the Harness Connector for the end Elevation Pedals out of the hole in the End Cap Bottom. Press the tab of the Four-Pin Connector to disconnect the Elevation Foot Pedals from the Table Harness. Refer to **Figure 6.50.**

5. Remove the Screws securing the up and down Elevation Foot Pedals from the Frame and remove the Pedals following the procedure in **Section 6.7, Part C.**

NOTE: As you are removing the Screws from the End Cap Bottom in the next step, note the length of the Screws and their location for installation.

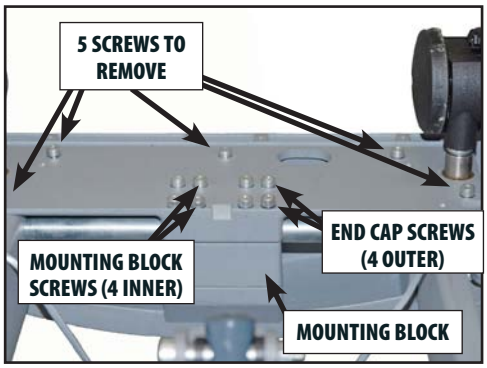


FIGURE 6.50

6. Using a 5 mm Hex Wrench, remove the five Screws on the top of the End Cap Base leaving the eight center Screws in place. Refer to **Figure 6.50.**

7. Loosen the four outside center Screws. These Screws secure the End Cap Base by going through the mounting block into the End Cap. Refer to **Figure 6.50.**

NOTE: The four inner center Screws secure the Mounting Block to the End Cap Base around the Yoke Pivot Rod.

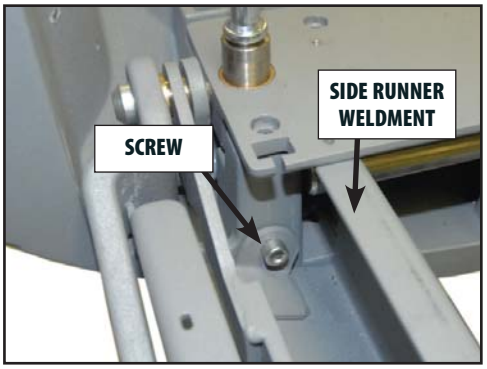


FIGURE 6.51

8. Hold the End Cap to keep it from dropping. Using a 5 mm Hex Wrench, remove the Screws inside each of the Side Runner Weldments securing the End Cap to the Runner Weldment and remove the End Cap. Refer to **Figure 6.51.**

9. Remove the Caster Stems. Refer to **Figure 6.52.**

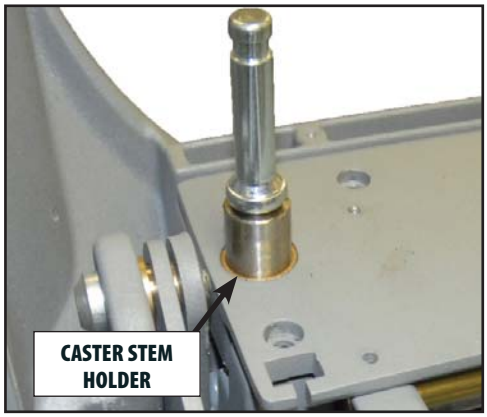


FIGURE 6.52

6.11 CAM ASSEMBLY (CONTINUED)

10. Remove the four remaining Screws securing the End Cap Base to the Yoke Pivot Mounting Block. Separate the End Cap Base and Yoke Pivot Mounting Block and remove. Refer to **Figure 6.53.**
11. Use a marker to draw a line on the Cam Assembly and Foot Lever and across the top of the Cam Assembly, Caster Rod and Foot Lever. Refer to **Figure 6.54.**
12. Use a 5 mm Hex Wrench to remove the Shoulder Bolts from the Long Link on both sides of the Cam Assembly to release the Retractable Caster Pedal and free the Cam.

    NOTE: The Long Link is the metal bar that runs down the center of the Side Runners connecting the Casters. Refer to **Figure 6.54.**

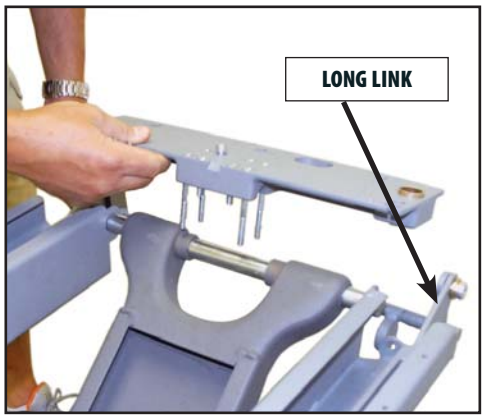


FIGURE 6.53

D. Cam Assembly Installation

NOTE:

- Refer to the diagram in **Section 8.1** as a guide for installation. Installation requires two people.
- The Cam Assembly must be installed in the same direction it was prior to removal. The Cam Shaft Load is always away from the center of the table. The guidelines suggested in **Step 11** of the removal process will ensure the Cam is in the right direction.
- The Cam Load at the head of the table faces toward the table and the Cam Load at the end of the table faces away from the table. The Cam Load will always be facing the same direction.
- The Retractable Caster Pedals are marked L and R. Note their location and orientation for installation. If standing at the end of the table with the Retractable Caster Pedals, L will be on your Right and R will be on your left.
- The Yoke Pivot Shaft and the Caster Stem have a tendency to fall out during installation.

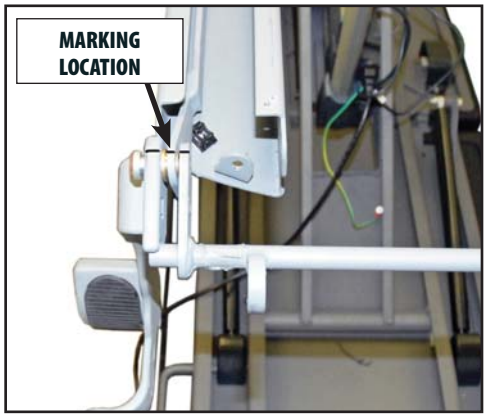


FIGURE 6.54

6.11 CAM ASSEMBLY (CONTINUED)

D. Cam Assembly Installation (Continued)

NOTE:

- The Yoke Pivot Rod fits into a hole in the end of each Side Runner Weldment. It is not secured until the End Cap is in place. During installation of the End Cap, one person should hold the Runner Weldments while the second attaches the Cam Assembly and End Cap to keep the Yoke Pivot Rod and Side Runner Weldments from falling.
- White Lithium Grease should be used to grease the Cam Assembly Loads and/or the Caster Stems if needed.

1. Thread the Shoulder Bolt through the Retractable Caster Pedal, Brass Bushing, Long Link and Cam Assembly on one side of the table to free the Cam. Tighten only enough to hold the Cam Assembly in place. Refer to **Figure 6.55.**

   NOTE: Refer to **Figure 6.56** for placement of the end of the Retractable Caster Pedal on the rod of the Cam Assembly. The Retractable Caster Pedal must be seated on the Rod.

2. Repeat step one on the other side of the Cam Assembly.

3. Slide the Caster Stem into the End Cap base from the bottom side and position the groove on the end over the Cam Assembly Rod.

   NOTE: Use a rubber band to hold the Caster Stems in place. The rubber band will keep them from falling when adjustments are being made and the Mounting Block is secured. Refer to **Figure 6.57.**

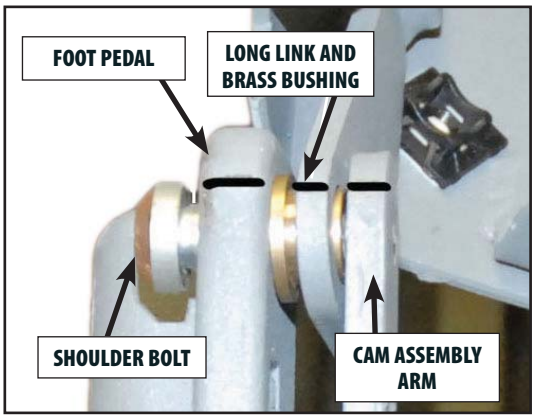


FIGURE 6.55

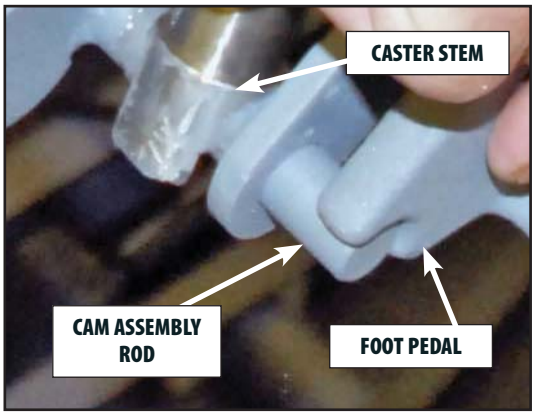


FIGURE 6.56

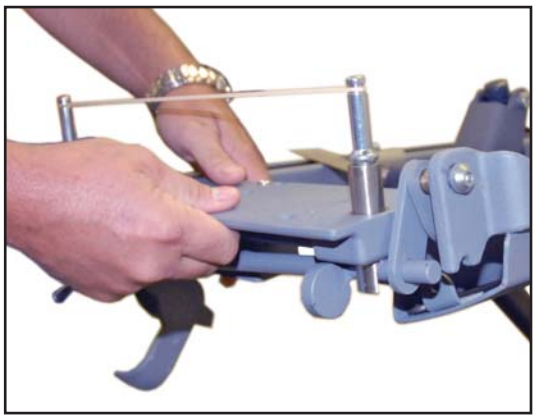


FIGURE 6.57

6.11 CAM ASSEMBLY (CONTINUED)

4. Once the End Cap Base is in position, place the Yoke Pivot Mounting Block under the Yoke Pivot Bar. Insert the four center Screws and tighten just enough to hold the Mounting Block in place. Refer to **Figure 6.58.**
5. Position the End Cap, with the Cam Assembly Loads in the grooves, in the End Cap. Adjust the End Cap to allow the four long center Screws to pass through the End Cap Base, Mounting Block, and into the End Cap. Tighten the four Screws just enough to hold the End Cap in place. Refer to **Figure 6.59.**
6. Insert the remaining Screws into the top of the End Cap Base and into the End Cap and Side Runner Weldments.
7. Tighten all of the Screws.

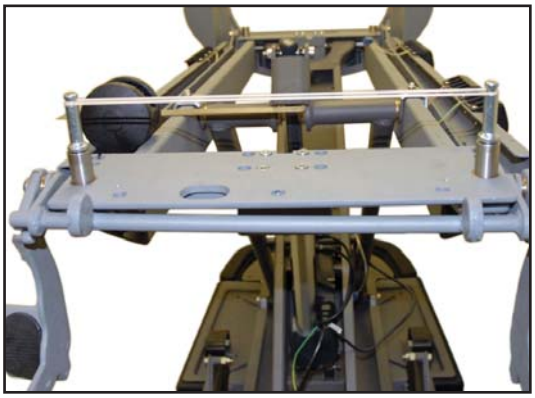


FIGURE 6.58

FIGURE 6.59

6.12 SLIDER BLOCK ASSEMBLY

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

⚠ CAUTION

- To prevent personal injury, use at least two people when laying the table on its side or upside down for servicing. Lay the Cushions on a protective surface and slowly lower to the ground.

To prevent damage to the cushions:

- Lay the table on a clean protective surface when laying down to repair.
- Do not push or slide the cushions on the floor when laying down to repair.

A. Part Numbers.....33934

B. Tools and Equipment Required

- 10 mm Combination Wrench
- 90° Snap Ring Pliers

C. Slider Block Assembly Removal and Replacement

NOTE: Slider Block Assemblies should always be replaced in pairs regardless of the condition of the second.

1. Remove the Table Wiring Harness from the table, per **Section 6.10 Table Harness, Part C.**
2. Remove the End Caps and Cam Assemblies from both ends of the table following the instructions in **Section 6.11 Cam Assembly, Part C.**
3. Remove the Retractable Caster Long Links from the inside of each of the Side Runner Weldments. Refer to **Figure 6.60.**
4. Using a 10 mm Combination Wrench, back off the Nut, securing the Slider Bearings in the Side Runner Weldments. Refer to **Figure 6.61.**
5. At the head of the table, slide the Side Runner Weldment off of the Yoke Pivot Shaft and slide to free the Side Runner Weldment out of the Slider Block Assembly. Refer to **Figure 6.62.**

FIGURE 6.60

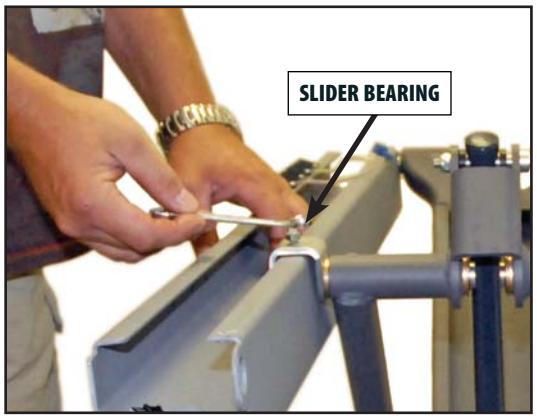


FIGURE 6.61

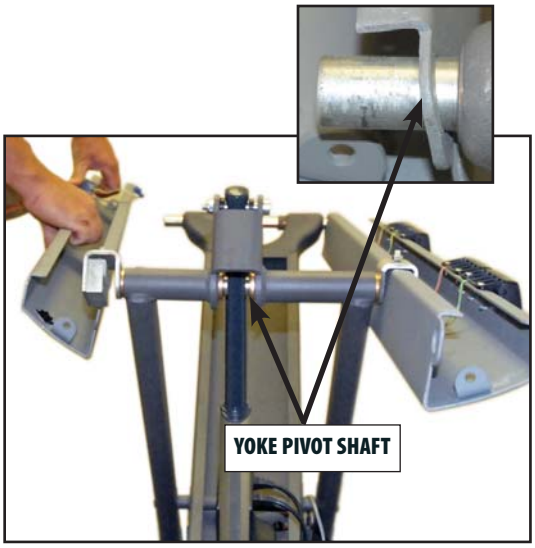


FIGURE 6.62

6.12 SLIDER BLOCK ASSEMBLY (CONTINUED)

6. Using 90˚ Snap Ring pliers, separate and remove the Snap Ring securing the Slider Block Assembly. Refer to **Figure 6.63.**

   NOTE: A Brass Washer may or may not be present behind the Snap Ring. If the Washer is present, remove and retain for installation. The Washer serves to remove play from the Slider Bearing Assembly. Use with the replacement if necessary to reduce the amount of play. Refer to **Figure 6.63.**

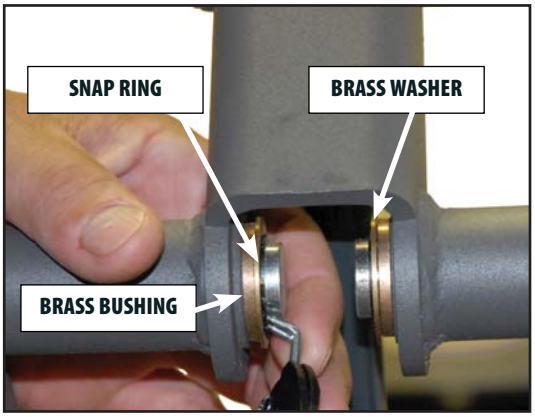


FIGURE 6.63

7. Slide the Slider Bearing Assembly free. Refer to **Figure 6.64.**
8. Reverse steps for installation of the replacement.

   NOTE: Should the Slider Block Assembly Bushings need to be replaced, with both Slider Block Assemblies removed, knock out the Bushing with a Rubber Mallet. If necessary, use the Rubber Mallet to tap in the replacement bushings.

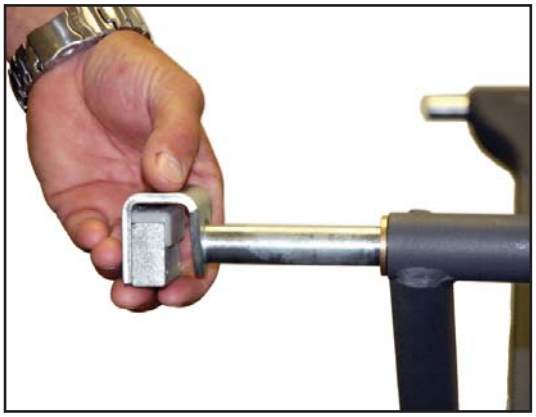


FIGURE 6.64

6.13 POSTURAL DRAIN HARNESS

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

A. Part Number 33648

B. Tools and Equipment Required

- 4 mm Hex Wrench
- 10 mm Combination Wrench
- Needle Nose Pliers

C. Postural Drain Switch Removal and Replacement

1. Using a 4 mm Hex Wrench, remove four screws securing the Chest Cushion to the metal Frame. Refer to **Figure 6.65.**

2. Using a 4 mm Hex Wrench and a 10 mm Combination Wrench, remove the two Screws securing the Postural Drain Switch to the table. Refer to **Figure 6.66.**

3. Using Needle Nose Pliers, remove the Fastons from the Postural Drain Switch at the end of the Harness. Refer to **Figure 6.67.**

FIGURE 6.65

FIGURE 6.66

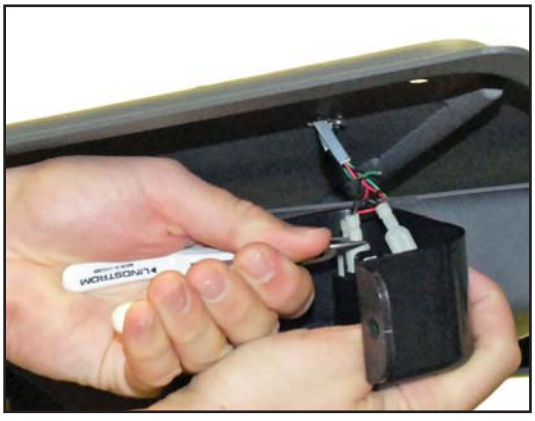


FIGURE 6.67

6.13 POSTURAL DRAIN HARNESS (CONTINUED)

4. Feed the Fastons, one at a time, up through the hole in the table. Refer to **Figure 6.68.**

5. Using Needle Nose Pliers, remove the Fastons from the second Postural Drain Switch and feed the Fastons, one at a time, up through the hole in the top of the table.

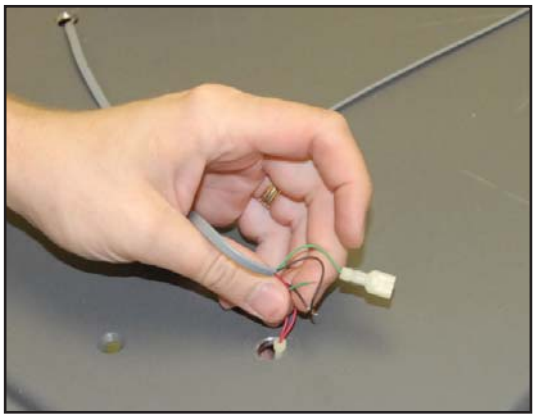


FIGURE 6.68

6. On the underside of the table, cut the Cable Tie that secures the Postural Drain Harness to the Limit Switch Harness. Refer to **Figure 6.69.**

7. Disconnect the Three-Pin Connector securing the Postural Drain Harness to the Limit Switch Harness.

8. Reverse for installation of the Postural Drain Harness.

NOTE: Always test the Harness when the installation is complete.

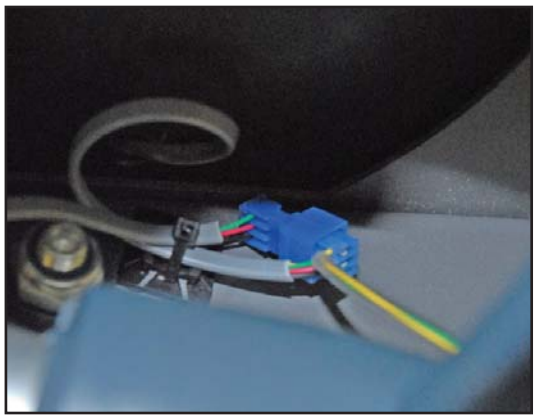


FIGURE 6.69

6.14 LIMIT SWITCH HARNESS

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

A. Part Number 33648

B. Tools and Equipment Required

- Small Diagonal Cutters
- Needle Nose Pliers

C. Postural Drain Switch Removal and Replacement

NOTE: Inspect the Three-Pin Connector joining the Control Box Harness to the Limit Switch Harness. Verify that the wires are secure and well seated in the Connector.

1. Disconnect the Limit Switch Harness from the Postural Drain Harness. Refer to **Figure 6.70.**
2. Insert Needle Nose Pliers into the end of the Plastic Runner housing the Limit Switch Harness. Slide the pliers down the Runner to remove the top section. Refer to **Figure 6.71.**
3. Using small Diagonal Cutters, cut the Cable Tie securing the Limit Switch Harness to the Postural Drain Harness. Disconnect the Limit Switch Harness and Postural Drain Harness to remove. Refer to **Figure 6.72.**
4. Reverse the steps above for installation of the Limit Switch Harness.

NOTE: Always test the Harness when the installation is complete.

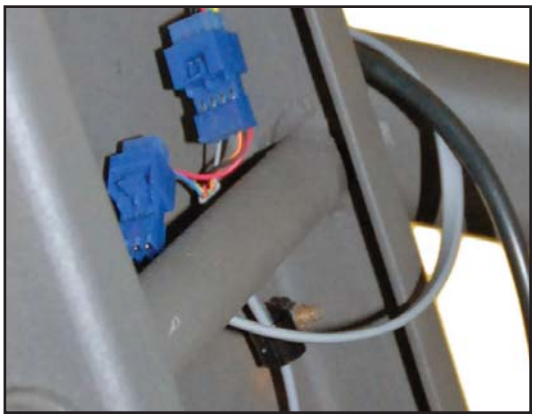


FIGURE 6.70

FIGURE 6.71

FIGURE 6.72

6.15 LIMIT SWITCH

⚠ WARNING

- Unplug the unit from the Mains Power before attempting removal or replacement procedures to prevent movement of the table or electrical shock.
- If the table is plugged into Mains Power for testing, keep hands and feet away from the moving table to prevent injury.
- Always disconnect the table from Mains Power after testing.

A. Part Number.....33647

B. Tools and Equipment Required

- #1 Phillips Screwdriver
- 10 mm Combination Wrench
- Needle Nose Pliers

C. Limit Switch Removal and Replacement

1. Using Needle Nose Pliers, from the underside of the head section, remove the two Fastons connecting the Limit Switch to the Limit Switch Harness.

   NOTE: For installation, note that one of the Fastons is connected to the common connection on the side opposite the switch lever. The other Faston is connected to the normally closed (NC) connector on the bottom end of the Switch. When properly placed, a connector without a Faston is between the two Faston connections.

2. Using a #1 Phillips screwdriver, remove the two screws securing the Limit Switch to the Frame. Refer to **Figure 6.73.**

   NOTE: The Limit Switch has a white side and a black side. Note that the white side of the Switch faces out and the black side toward the Frame. The arm of the Limit Switch is upward. Refer to **Figure 6.73.**

3. Reverse the steps above for installation of the Limit Switch.

   NOTE: Always test the function of the Limit Switch when the installation is complete.

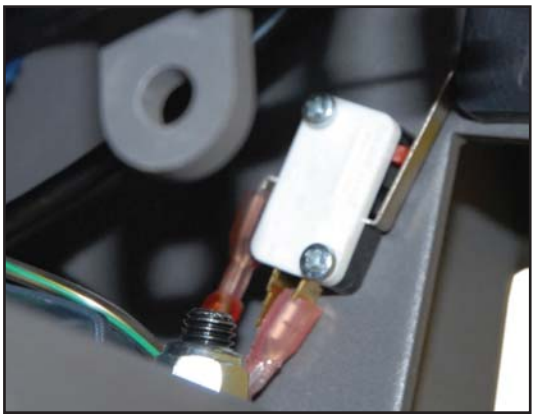


FIGURE 6.73

6.16 BACK SECTION GAS SPRINGS

A. Part Number.....33503

B. Tools and Equipment Required

- 5 mm Hex Wrench
- 13 mm Combination Wrench
- 2.5 mm Hex Wrench
- Needle Nose Pliers

C. Gas Spring Removal and Replacement

1. Using a 5 mm Hex Wrench and a 13 mm Combination Wrench, remove the Shoulder Bolt securing the eyelet on the end of the Gas Spring to the Frame. Refer to **Figure 6.74.**
2. Repeat **Step 1** on the remaining Gas Spring.

   NOTE: Once both of the Gas Springs are released from the frame, the Back Cushion can be raised and laid back toward the head of the table.
3. Using a 2.5 mm Hex Wrench, remove the screws securing the Plastic Lever Assembly Covers over the Lever Assembly at the top of the Gas Spring. Refer to **Figure 6.75.**
4. Grasp the Gas Spring and turn the Gas Spring counterclockwise until the top of the Gas Spring is freed from the Lever Assembly. Refer to **Figure 6.76.**
5. Reverse the steps above for installation of the replacement.

NOTE: Installation instructions can be found in **Section 4, Assembly on pages 16 and 17.**

FIGURE 6.74

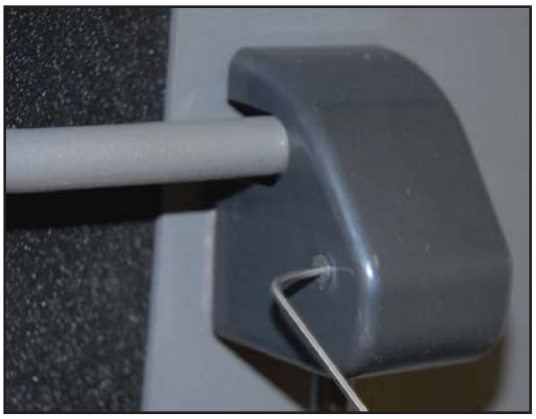


FIGURE 6.75

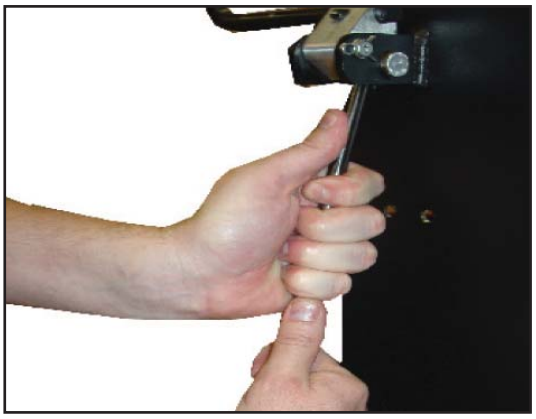


FIGURE 6.76

6.17 SHOULDER WINGS

A. Part Numbers

Right Wing Mounting Plate.....33452

Left Wing Mounting Plate.....33453

B. Tools and Equipment Required

- Flat-Head Screwdriver
- Rubber Mallet
- Push Pin

C. Gas Spring Removal and Replacement

1. Use a flat-head screwdriver to push the Retaining Rings off of each of the Wing Cushion Hinge Pins. Refer to **Figure 6.77.**

2. Use the Screwdriver or a Push Pin and a Rubber Mallet to push the Wing Cushion Hinge Pin out of the weldment. Refer to **Figure 6.78.**

   NOTE: Retain the Wing Cushion Hinge Pin, Retaining Rings and Spring for installation of the replacement.

3. Remove the Shoulder Wing. Refer to **Figure 6.79.**

4. Reverse the steps above for installation of the Shoulder Wing.

FIGURE 6.78

FIGURE 6.79

FIGURE 6.80

7.1 CLEANING

After each use clean the Adapta Summit/Region Physical Therapy Platform Table using a soft cloth dampened with water and a mild antibacterial detergent or hospital-approved detergent.

7.2 PREVENTIVE MAINTENANCE

1. The Adapta Summit/Region Physical Therapy Platform should be placed on a regular maintenance and inspection schedule based on the practices of the health care facility.
2. Inspect the table thoroughly. Inspection should be performed by a person qualified to recognize any signs of wear and tear, and looseness of bolts or parts. Replace worn parts immediately.

7.3 LUBRICATION POINTS

The Adapta Summit/Region 3 and 7 Physical Therapy Platforms should be lubricated as needed.

NOTE: To lubricate the locations listed below, use a drop of light machine oil. Do not use a penetrating type of lubricant.

1. **Actuator Mounts** - Lubricate the pivot joints where the Actuator is mounted to the Frame.
2. **Wing Hinge Pins** - On the 7-Section Table, lubricate the Pivot Hinge Pin where the Hinge Pin moves through the weldment on the Frame.
3. **Retractable Caster Pedals** - Lubricate the Shoulder Bolt that secures the Retractable Caster Pedal to the Frame.
4. **Gas Spring Mounts** - Lubricate the pivot locations on the ends of the Gas Springs.

   NOTE: To lubricate the remaining locations, use White Lithium Grease.
5. **Cam Assembly Loads** - Lubricate the Cam Assembly Loads by applying a bead of White Lithium Grease along the edge of the Cam Assembly Load.
6. **Caster Mounting Stems** - Lubricate the end of the Caster Mounting stem where the Stem drapes over the Cam Assembly Rod with a bead of White Lithium Grease.

7.4 SERVICE

Should the Adapta Summit/Region 3 and 7 Physical Therapy Platforms require service, contact the selling dealer or Chattanooga Group Service Department.

All returned units to the factory for service must include the following:

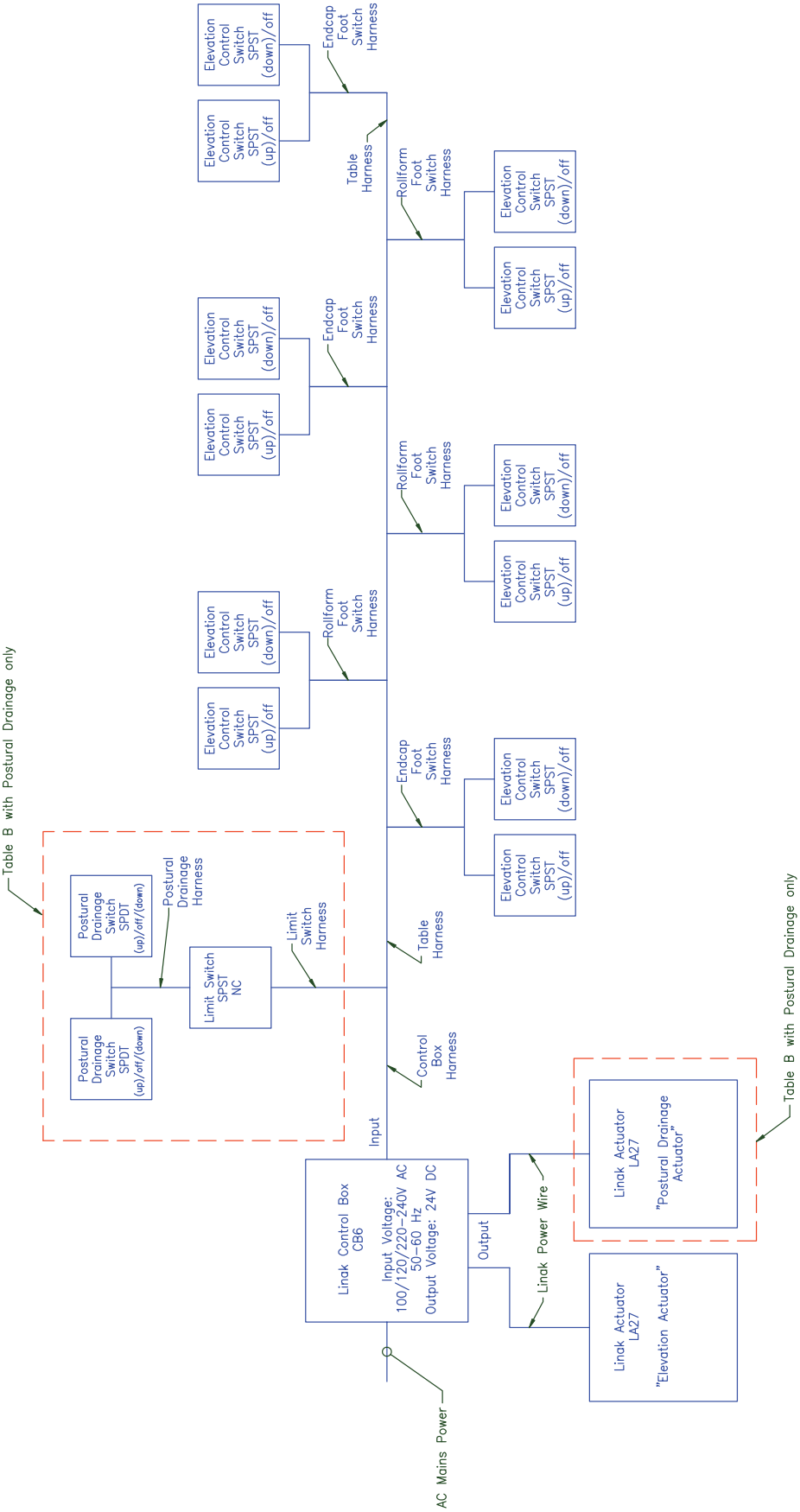
WARRANTY REPAIR/OUT OF WARRANTY REPAIR

1. Written statement containing the following information:
   - RA Number - Obtain from Factory
   - Unit Model Number
   - Unit Serial Number
   - Contact person with phone and fax numbers
   - Billing Address (for Out of Warranty Repair)
   - Shipping Address (Where to Ship Unit after Repair)
   - Detailed Description of Problem or Symptoms
2. Copy of original invoice issued at purchase of the unit.
3. Ship unit to factory in the original container with all accessories and information as required in item one above to:
   Chattanooga Group
   4717 Adams Road
   Hixson, TN 37343 USA
   1-423-870-2281 U.S.A.
   1-423-875-5497 U.S.A. FAX
   +1-423-870-7200 OUTSIDE U.S.A
   +1 423-870-2046 OUTSIDE U.S.A. FAX
   chattgroup.com

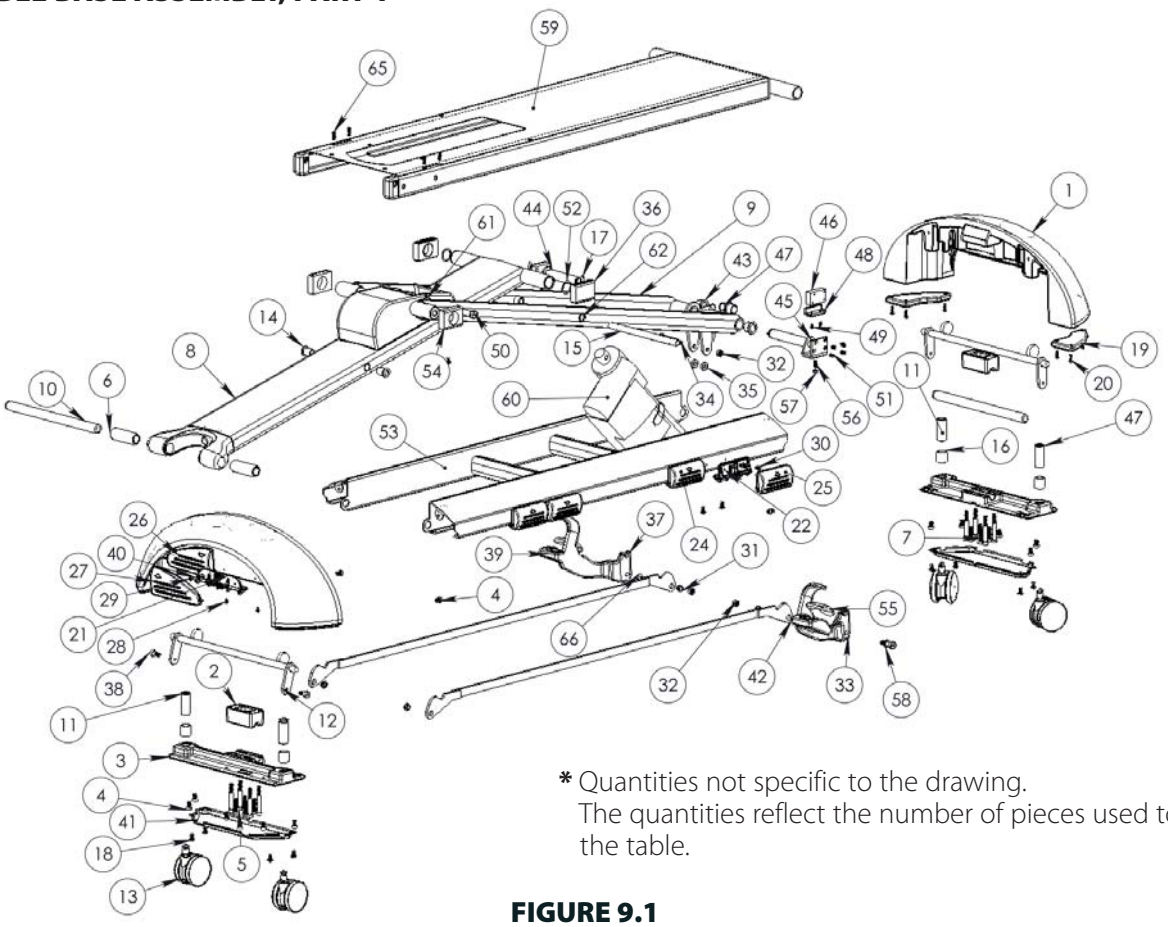
Service to these units should be performed only by Service Technicians certified by Chattanooga Group.

EU Directive on Waste Electrical and Electronic Equipment (WEEE) ensures that product is appropriately disposed of or recycled at the end of its life.

8.1 BLOCK DIAGRAM FOR ADAPTA SUMMIT/REGION 3 AND 7 PLATFORMS (LANDSCAPED)



9.1 TABLE BASE ASSEMBLY, PART 1



***** Quantities not specific to the drawing.
The quantities reflect the number of pieces used to build the table.

FIGURE 9.1

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
1	33493	END CAP	2
2	33491	YOKE PIVOT SHAFT MOUNTING BLOCK	2
3	33492	END CAP BOTTOM	2
4	33641	SCREW M6 C 12MM SOCKET CAP	14
5	33366	SHCS M6 X 65 BLACK	8
6	33338	BEARING YOKE	2
7	33667	SCREW ME X 30 SOCKET CAP	8
8	33654	WELDMENT INNER SCISSOR ASSEMBLY	1
9	33342	OUTER SCISSOR ASSEMBLY (WELDMENT)	1
10	33474	YOKE PLATE PIVOT PIN	2
11	33312	TOP HAT	4
12	33485	CAM ASSEMBLY WELDMENT	2
13	33369	3" CASTER HARD PLASTIC	4
14	33477	BRONZE BUSHING FLANGED	2
15	33476	SCISSOR PIVOT PIN	1
16	33330	CASTER BEARING	4
17	33374	3MM ROLL PIN	2
18	33368	#10 SELF TAPPING SCREW X 0.5	8
19	33361	FOOTPAD WITH METAL INSERT	4
20	33365	M3 X 16MM SOCKET HEAD SCREW	12

9.1 TABLE BASE ASSEMBLY, PART 1 (CONTINUED)

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
21	33401	FRONT PEDAL PIVOT BRACKET	4
22	33402	SIDE PEDAL PIVOT BRACKET	8
23	33643	FOOT SWITCH	12
24	33404	SIDE PEDAL DOWN DIRECTION	4
25	33405	SIDE PEDAL UP DIRECTION	4
26	33400	FRONT PEDAL LEFT SIDE DOWN DIRECTION	2
27	33403	FRONT PEDAL RIGHT SIDE UP DIRECTION	2
28	33408	WASHER M3.5 SCREW	16
29	33669	SCREW M3 X .5 THREAD PAN HD PHILLIPS	16
30	33409	SCREW #8-18 X 1/2 HEX/ WASHER	32
31	33396	BEARING IGUS FLANGE	4
32	33425	NUT ESNA M8	3
33	33389	RETRACTABLE TABLE PEDAL LEFT HAND CAST	1
34	33424	M10 X 50MM- M8 SHOULDER THREAD BOLT	1
35	33344	ACTUATOR MOUNT BUSHING	2
36	33483	SCISSOR SLIDER BLOCK	2
37	33390	RETRACTABLE CASTER PEDAL RIGHT HAND CAST	1
38	33541	M10 X 8MM- M8 SHOULDER SCREW	2
39	33540	M10 X 20MM- M8 SHOULDER SCREW	2
40	33551	FOOT PEDAL COMPRESSOR SPRING	12
41	33560	HARNESS COVER	2
42	33665	WELDMENT CASTER LONG LINK	2
43	33688	BRONZE BEARING	4
44	33679	WELDMENT SLIDER BLOCK SHORT	1
45	33678	WELDMENT SLIDER BLOCK LONG	1
46	33308	SLIDER BLOCK PLATE	2
47	33689	RING RETAINING SPRING 0.75	6
48	33309	SLIDER BEARING	2
49	33360	M3 X 8 SOCKET SCREW	4
50	33706	10 X 45MM PLAIN SHOULDER BOLT	1
51	33359	M4 X 10 S/S FHCS SCREW	8
52	33712	SPRING WASHER	2
53	33958	WELDMENT LOWER BASE	1
54	33482	STATIONARY SCISSOR BLOCK	2
55	33391	RUBBER CASTER PEDAL PAD	2
56	33815	SCREWSET NYLON M6 X 1 X 16MM	2
57	33816	NUT M6 HEX ZINC	2
58	71784	WASHER LOCK 3/40 D X 3/8 INT PLATE	2
59	33809	M4 NUT W/ WASHER	1
60	33799	CLAMP NYLON LOOP	1
61	33908	ROUND PLUG 3/4"	1
62	33909	ROUND PLUG 1/2"	2
63	33968	SCREW #8 X 1/2 W/ HEX SERRATED WASHER	1
64	33659	CLIP CONTROL BOX	1
65	33978	8-18 X 3/4 SELF-DRILL PHILLIPS SCREW	4
66	87555	WASHER	2

9.1 TABLE BASE ASSEMBLY, PART 2

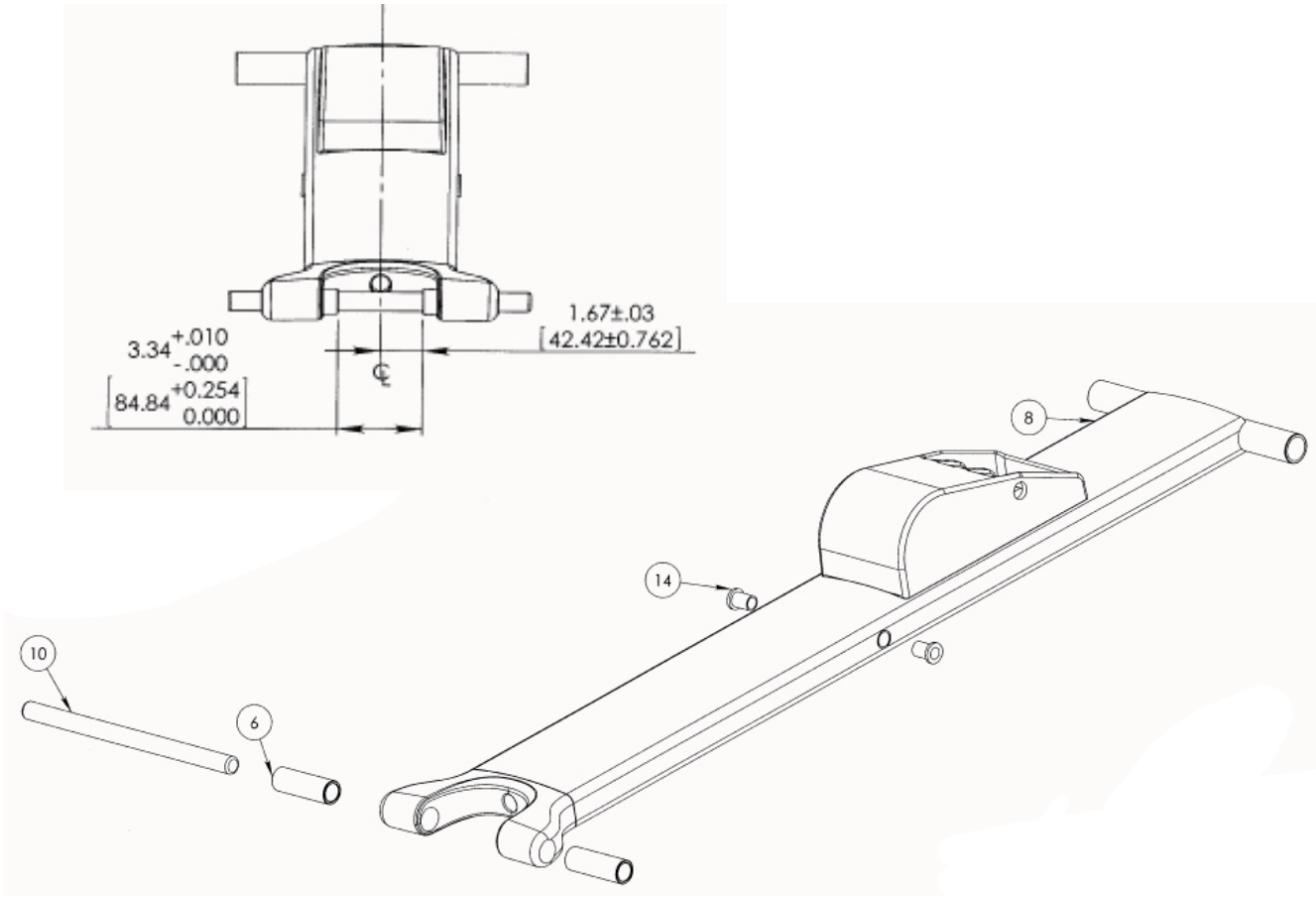
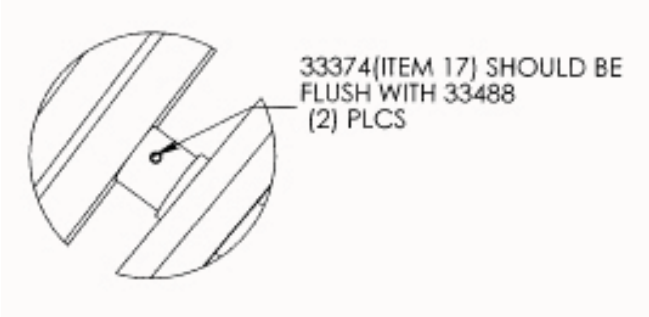


FIGURE 9.2

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
6	33338	BEARING YOKE	2
8	33654	WELDMENT INNER SCISSOR ASSEMBLY	1
10	33474	YOKE PIVOT SHAFT	2
14	33477	BRONZE BUSHING SCISSOR MAIN PIVOT	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.1 TABLE BASE ASSEMBLY, PART 3



NOTE:
1. APPLY LOCTITE THREAD LOCKER 242 REMOVABLE OR APPROVED EQUIVALENT FOLLOWING MANUFACTURERS INSTRUCTIONS.
2. LUBRICATE USING WHITE LITHIUM GREASE OR APPROVED EQUIVALENT.
3. PAINT THICKNESS TO BE 2.8-3.5 MIL. ON ALL COMPONENTS.

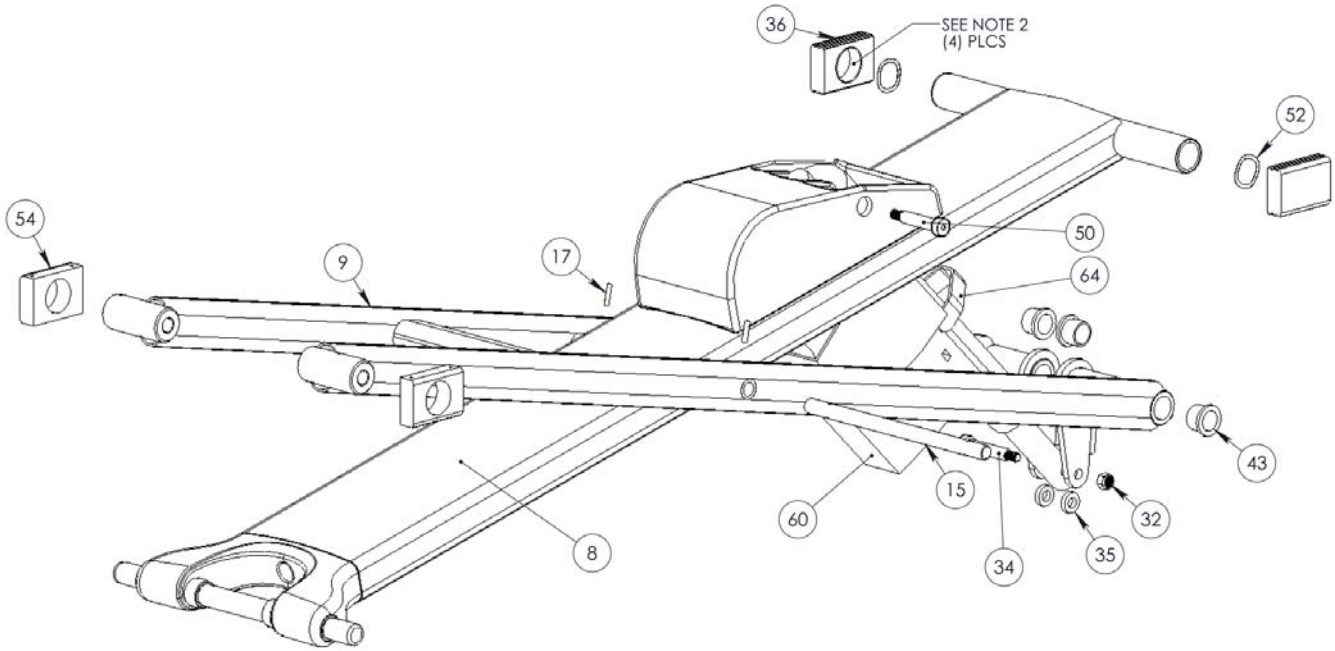
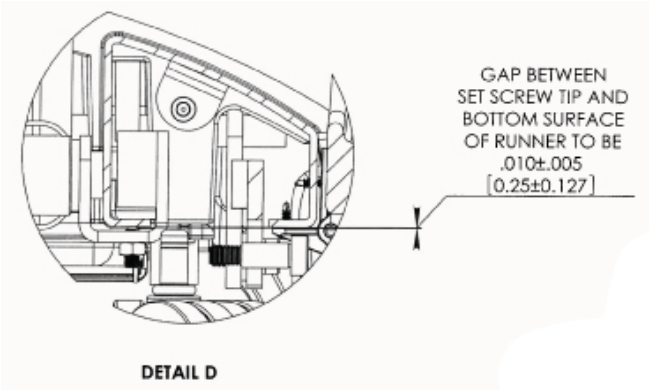


FIGURE 9.3

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
8	33654	INNER SCISSOR WELDMENT	1
9	33342	OUTER SCISSOR WELDMENT	1
15	33476	SCISSOR PIVOT PIN	1
17	33374	3MM ROLL PIN	2
32	33425	NUT ESNA M8	3
34	33424	M10 X 50MM -M8 SHOULDER THREAD BOLT	1
35	33344	ACTUATOR MOUNT BUSHING	2
36	33483	SCISSOR SLIDER BLOCK	2
43	33688	BRONZE BEARING	4
50	33706	10 X 45MM SHOULDER PLAIN BOLT	1
52	33712	WASHER SPRING	2
54	33482	STATIONARY SCISSOR BLOCK	2
60	33708/ 33371	ACTUATOR- 8,000 N/ 6,000N	1
64	33659	CONTROL BOX CLIP	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.1 TABLE BASE ASSEMBLY, PART 4



NOTE:
1. APPLY LOCTITE THREAD LOCKER 242 REMOVABLE OR APPROVED EQUIVALENT FOLLOWING MANUFACTURERS INSTRUCTIONS.
2. LUBRICATE USING WHITE LITHIUM GREASE OR APPROVED EQUIVALENT.
3. PAINT THICKNESS TO BE 2.8-3.5 MIL. ON ALL COMPONENTS.

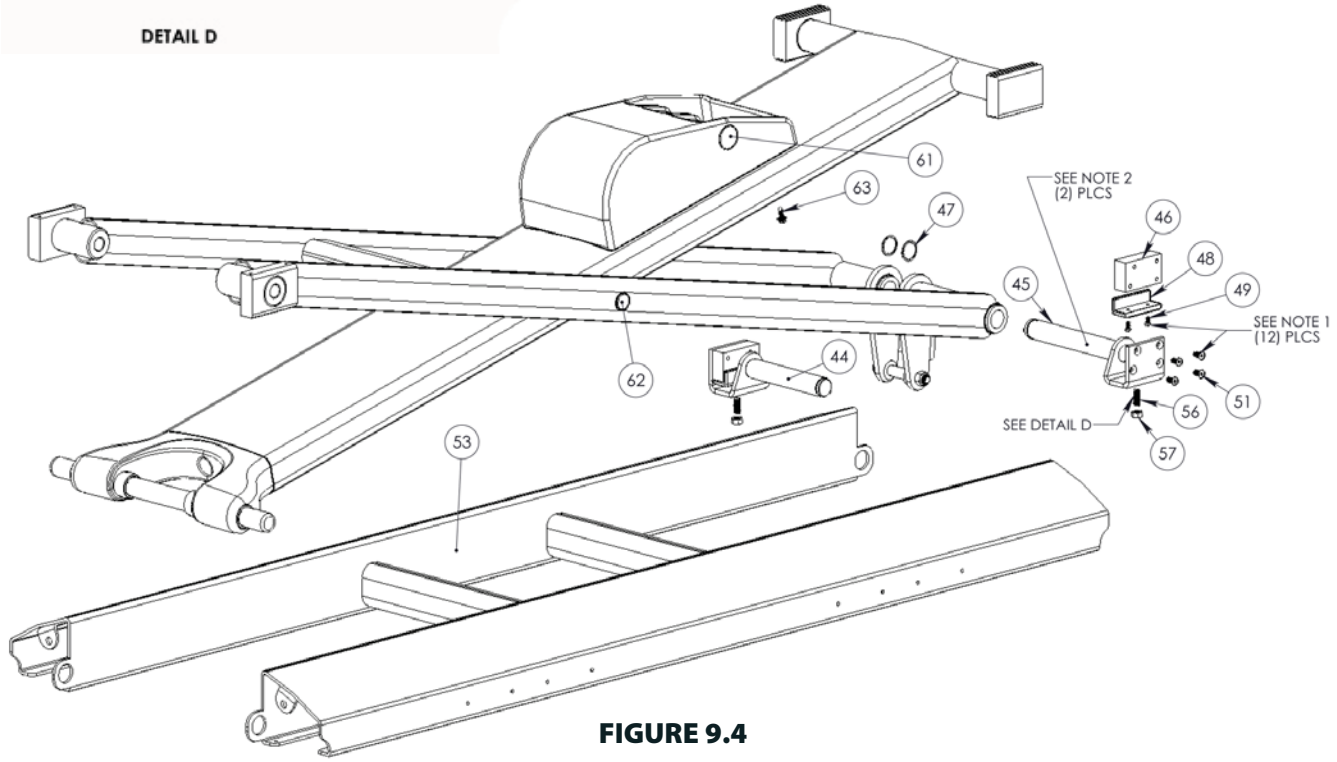
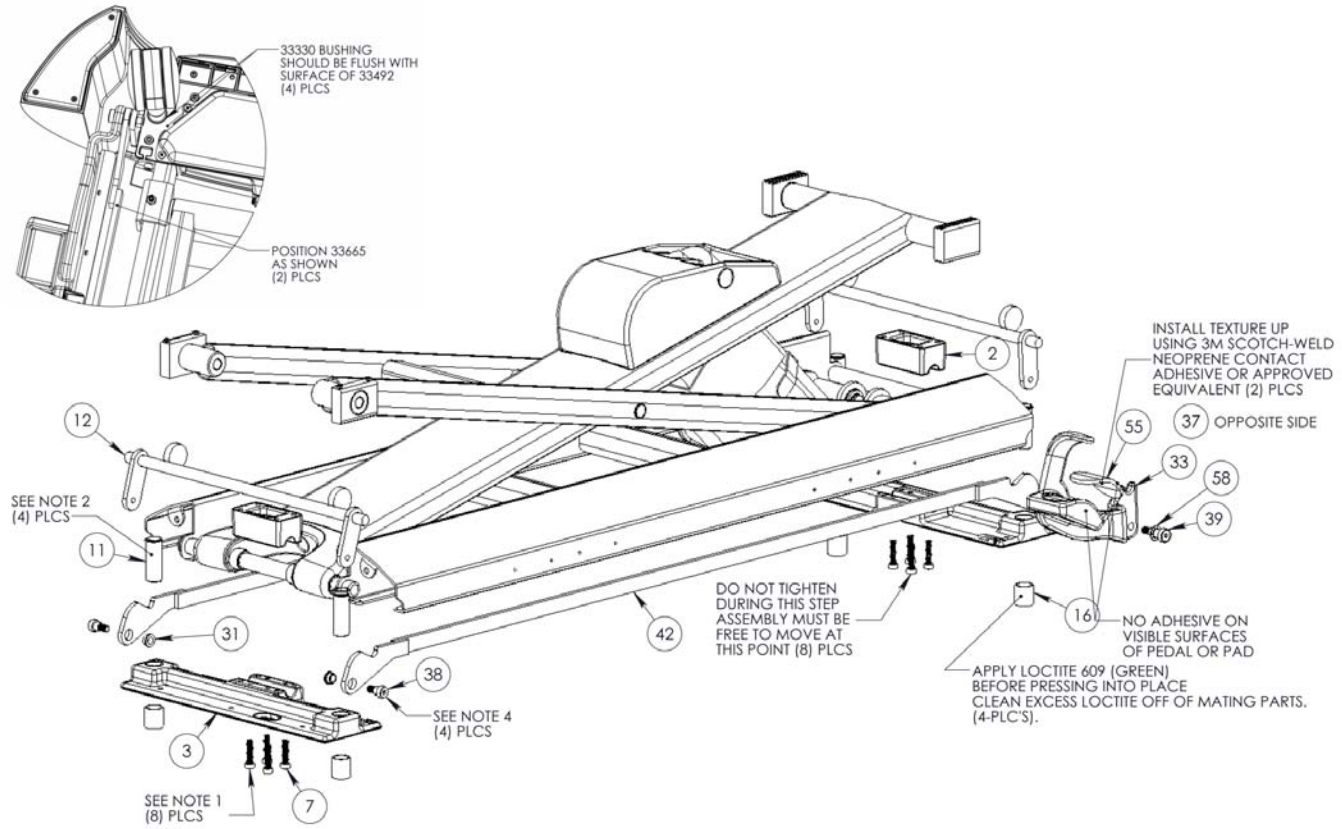


FIGURE 9.4

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
44	33679	SLIDER BLOCK SHORT PLATE WELDMENT	1
45	33678	SLIDER BLOCK LONG PLATE WELDMENT	1
46	33308	SLIDER BLOCK PLATE	2
47	33689	SPRING RETAINING RING 0.75	6
48	33309	SLIDER BEARING	2
49	33360	M3 X 8 SOCKET SCREW FHCS	4
51	33359	M4 X 10 S/S SCREW FHCS	8
53	33958	LOWER BASE WELDMENT	1
56	33815	SCREWSET NYLON M6 X 1 X 16MM	2
57	33816	M6 HEX ZINC NUT	2
61	33908	3/4" ROUND PLUG	1
62	33909	1/2" ROUND PLUG	2
63	33968	#8 X 1/2 W/ HEX SERRATED WASHER SCREW	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.1 TABLE BASE ASSEMBLY, PART 5



NOTE:

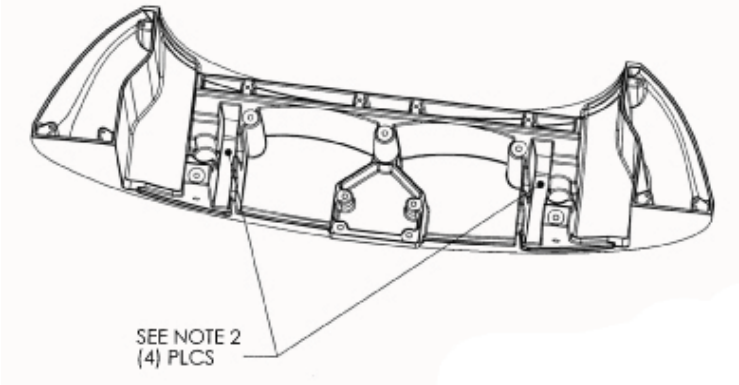
1. APPLY LOCTITE THREAD LOCKER 242 REMOVABLE OR APPROVED EQUIVALENT FOLLOWING MANUFACTURERS INSTRUCTIONS.
2. LUBRICATE USING WHITE LITHIUM GREASE OR APPROVED EQUIVALENT.
3. PAINT THICKNESS TO BE 2.8-3.5 MIL. ON ALL COMPONENTS.
4. USE LOCTITE THREAD LOCKER 262 (RED) OR APPROVED EQUIVALENT. ONLY APPLY ON THREADS OF SCREW. CLEAN EXCESS OFF OF MATING PARTS.

FIGURE 9.5

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
2	33491	YOKE PIVOT SHAFT MOUNTING BLOCK	2
3	33492	END CAP BOTTOM	2
7	33667	SCREW M6 X 30 SOCKET CAP	8
11	33312	TOP HAT	4
12	33485	CAM ASSEMBLY WELDMENT	2
16	33330	BRONZE BEARING	4
31	33396	IGUS FLANGE BEARING	4
33	33389	LEFT CASTER PEDAL	1
37	33390	RIGHT CASTER PEDAL	1
38	33541	M10 X 8MM- M8 SHOULDER SCREW	2
39	33540	M10 X 20MM- M8 SHOULDER SCREW	2
42	33665	LONG LINK CASTER WELDMENT	2
55	33391	RUBBER CASTER PEDAL PAD	2
58	71784	3/40 D X 3/8 INTERIOR WASHER LOCK PLATE	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.1 TABLE BASE ASSEMBLY, PART 6



NOTE:
1. APPLY LOCTITE THREAD LOCKER 242 REMOVABLE OR APPROVED EQUIVALENT FOLLOWING MANUFACTURERS INSTRUCTIONS.
2. LUBRICATE USING WHITE LITHIUM GREASE OR APPROVED EQUIVALENT.
3. PAINT THICKNESS TO BE 2.8-3.5 MIL. ON ALL COMPONENTS.

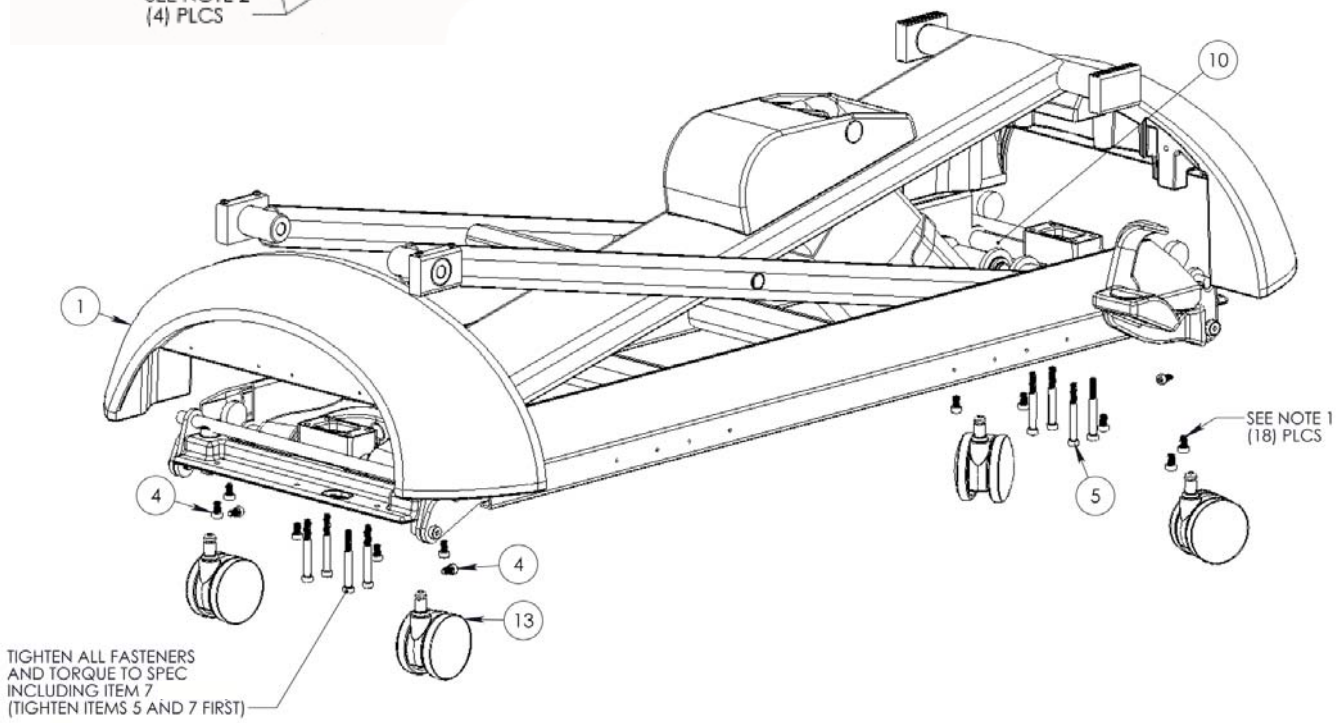


FIGURE 9.6

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
1	33493	END CAP	2
4	33641	SCREW M6 X 12MM SOCKET CAP	14
5	33366	M6 X 65 SHOULDER SCREW	8
10	33474	PIVOT YOKE PIN PLATE	2
13	33369	3" CASTER SWIVEL PLASTIC WHEEL	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.1 TABLE BASE ASSEMBLY, PART 7

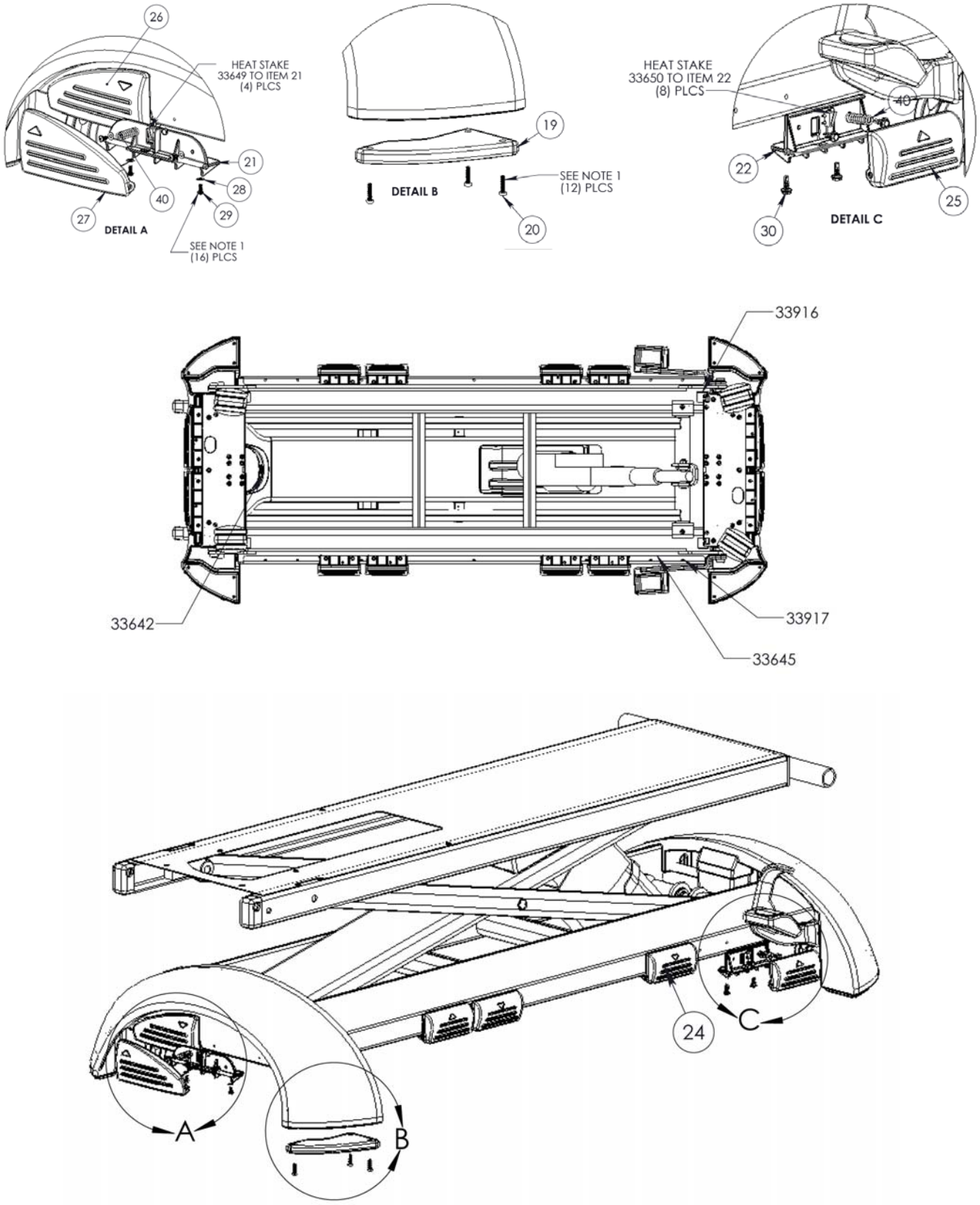


FIGURE 9.7

9.1 TABLE BASE ASSEMBLY, PART 7 (CONTINUED)

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
19	33361	FOOTPAD WITH METAL INSERT	4
20	33365	M3 X 16MM SOCKET HEAD SCREW	12
21	33401	FRONT PEDAL PIVOT BRACKET	4
22	33402	SIDE PEDAL PIVOT BRACKET	8
24	33404	SIDE PEDAL DOWN DIRECTION	4
25	33405	SIDE PEDAL UP DIRECTION	4
26	33400	FRONT PEDAL LEFT SIDE DOWN DIRECTION	2
27	33403	FRONT PEDAL RIGHT SIDE UP DIRECTION	2
28	33408	M3.5 WASHER SCREW	16
29	33669	M3.5 PHILLIPS SCREW	16
30	33409	#8-18 X 1/2 HEX/WASHER SCREW	32
40	33551	FOOT PEDAL COMPRESSOR SPRING	12

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.1 TABLE BASE ASSEMBLY, PART 8

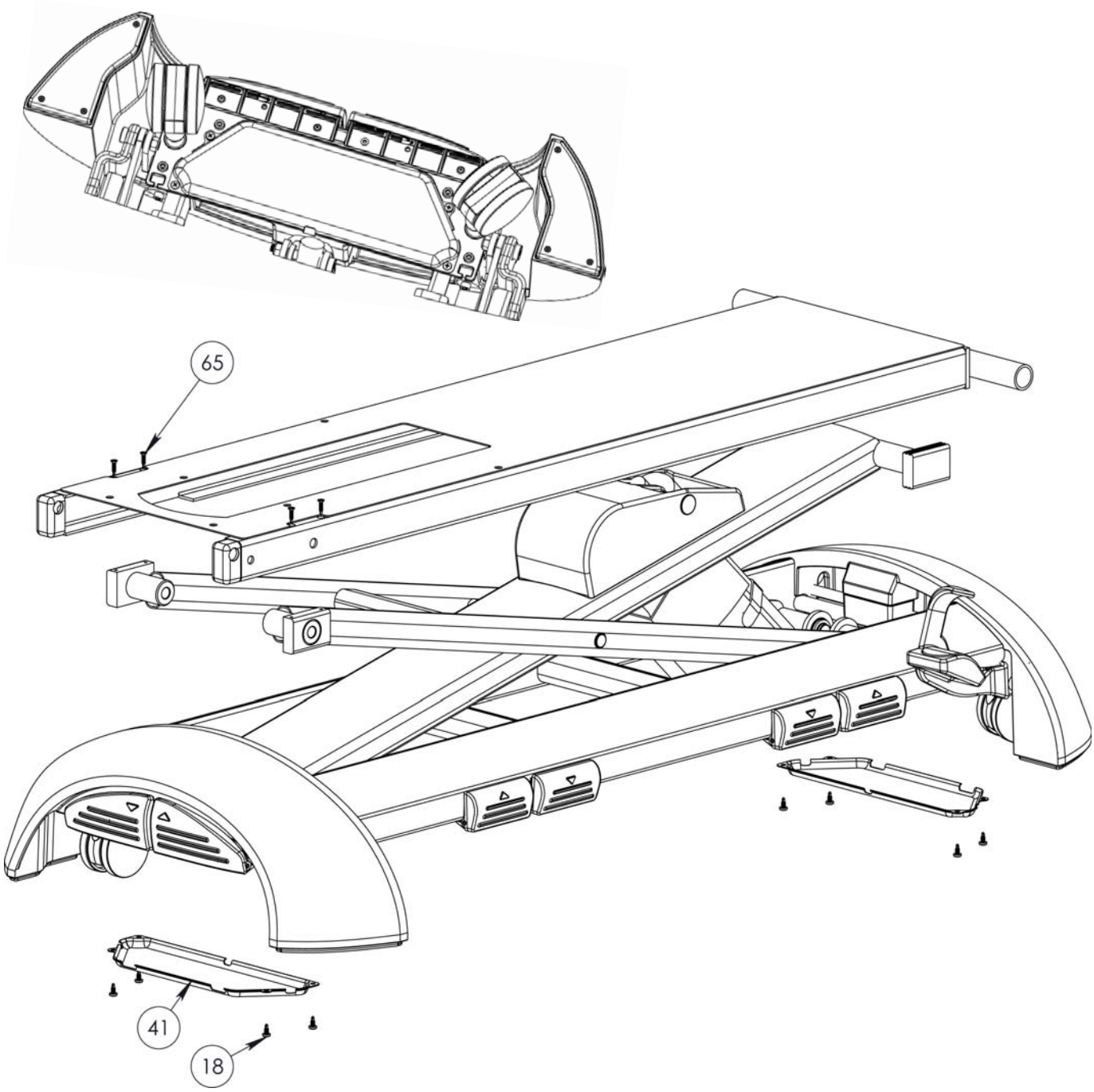


FIGURE 9.8

REFERENCE NUMBER	PART NUMBER	DESCRIPTION	QTY*
18	33368	#10 SELF TAPPING SCREW X 0.5	8
43	33688	BRONZE BEARING	4
65	33978	8-18 X 3/4 SELF DRILL PHILLIPS SCREW	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.2 3-SECTION TOP NON-POSTURAL DRAIN ASSEMBLY, PART 1

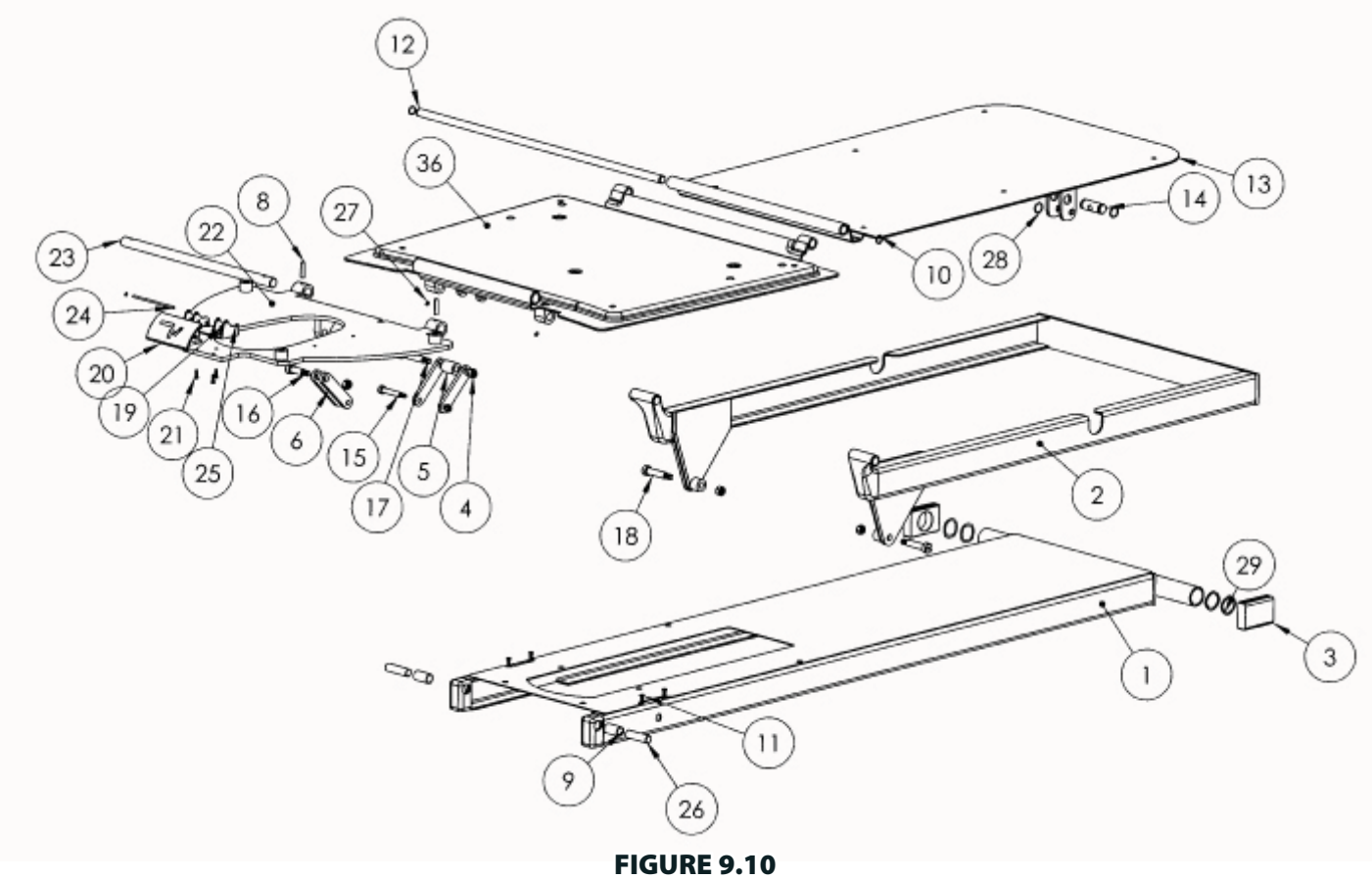


FIGURE 9.10

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33421	WELDMENT TOP FRAME TABLE B	1
2	33437	WELDMENT LEG CUSHION TABLE B	1
3	33483	SCISSOR SLIDER BLOCK	2
4	33425	NUT ESNA M8	4
5	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
6	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
8	33469	6MM ROLL PIN TABLE B	2
9	33494	SLEEVE BUSHING BRONZE	2
10	33357	SPIRAL RETAINING RING	2
11	33359	SCREW FHCS, M4 X 10, S/S	8
12	33339	LEG CUSHION PIVOT PIN TABLE B	2
13	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
14	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
15	33467	SCREW SHOULDER BOLT 8MM X 40MM X 8M THREAD	1
16	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
17	33424	SCREW SHOULDER BOLT M10 X 50MM X M8 THREAD	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.2 3-SECTION TOP NON-POSTURAL DRAIN ASSEMBLY, PART 1 (CONTINUED)

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
18	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
19	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
20	33515	HEADREST RELEASE HANDLE TABLE B	1
21	72598	SCREW FLAT HEAD PHILLIPS 6-32 X 5/8	3
22	33520	WELDMENT HEAD SECTION MOUNTING PLATE 3 SECTION	1
23	33531	HEADREST PIVOT SHAFT 3 SECTION B	1
24	33656	PIN RELEASE HANDLE TABLE B	1
25	33657	RETAINING RING RELEASE HANDLE	2
26	33658	HINGE PIN TOP FRAME TABLE B	1
27	33652	SETSCREW M4 X 6MM LG TABLE B	2
28	33554	RETAINING RING FOR 16MM SHAFT	4
29	33712	SPRING WASHER	4
30	33719	WELDMENT 3 SECTION CHEST W/WELDED STIFFENERS	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.2 3-SECTION TOP NON-POSTURAL DRAIN ASSEMBLY, PART 2

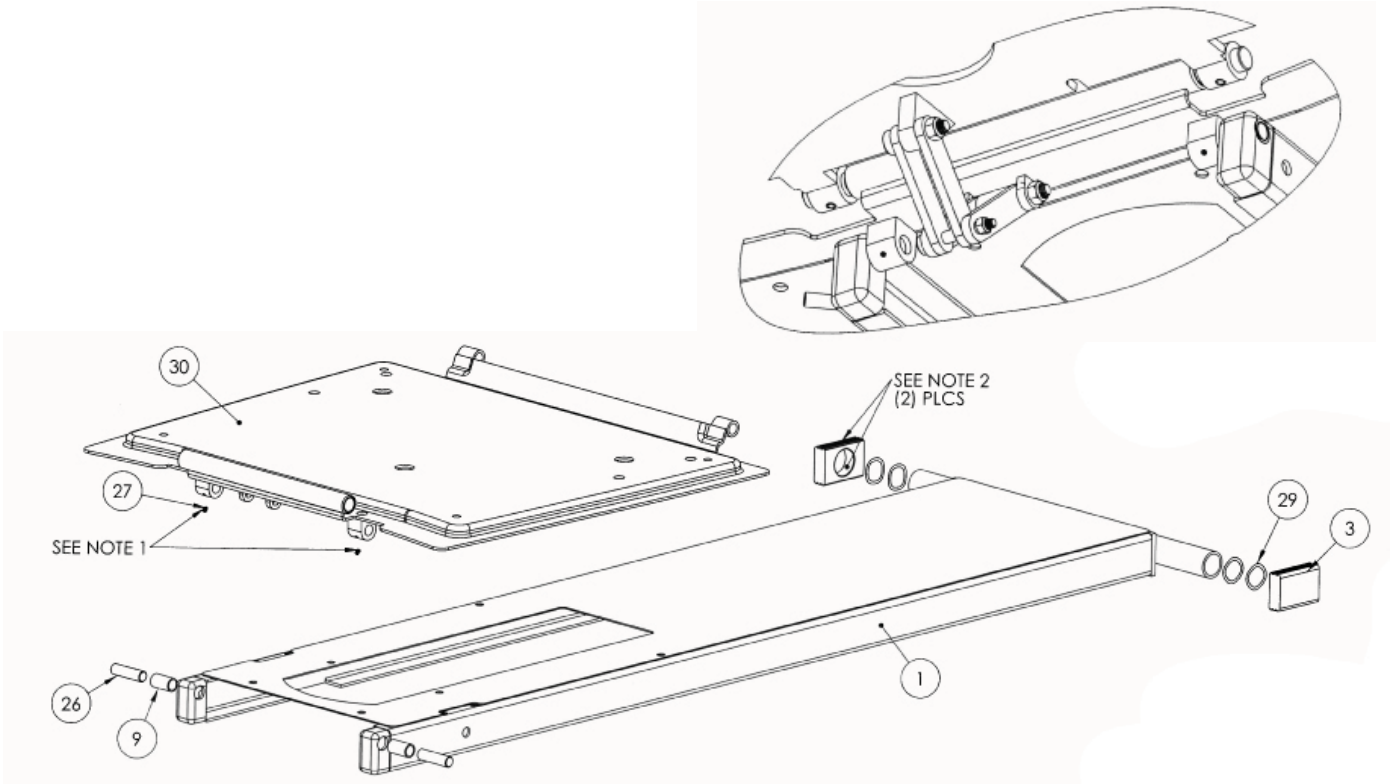


FIGURE 9.11

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33421	WELDMENT TOP FRAME TABLE B	1
3	33483	SCISSOR SLIDER BLOCK	2
9	33494	SLEEVE BUSHING BRONZE	2
26	33658	HINGE PIN TOP FRAME TABLE B	1
27	33652	SETSCREW M4 X 6MM LG TABLE B	2
29	33712	SPRING WASHER	4
30	33719	WELDMENT 3 SECTION CHEST W/WELDED STIFFENERS	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.2 3-SECTION TOP NON-POSTURAL DRAIN ASSEMBLY, PART 3

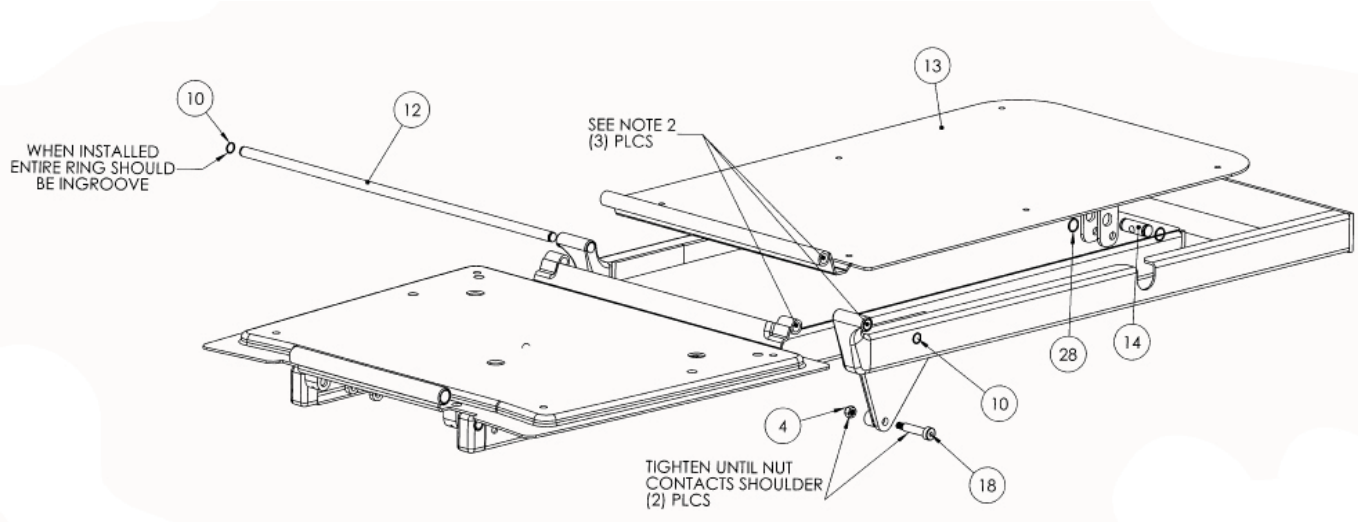


FIGURE 9.12

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
4	33425	NUT ESNA M8	4
10	33357	SPIRAL RETAINING RING	2
12	33339	LEG CUSHION PIVOT PIN TABLE B	2
13	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
14	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
18	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
28	33554	RETAINING RING FOR 16MM SHAFT	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.2 3-SECTION TOP NON-POSTURAL DRAIN ASSEMBLY, PART 4

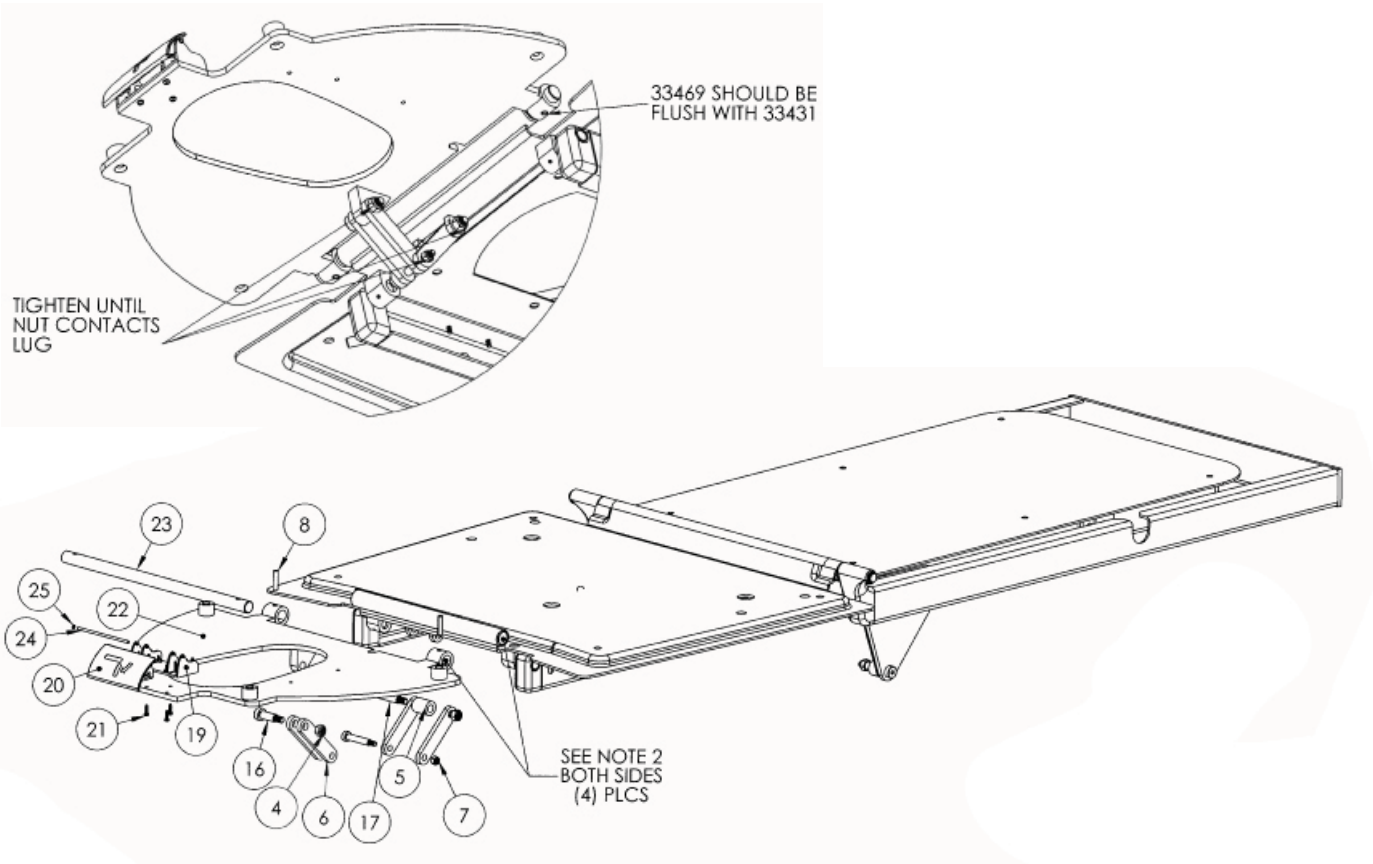


FIGURE 9.13

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
4	33425	NUT ESNA M8	4
5	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
6	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
7	33468	NUT ESNA M6	1
8	33469	6MM ROLL PIN TABLE B	2
16	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
17	33424	SCREW SHOULDER BOLT M10 X 50MM X M8 THREAD	1
19	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
20	33515	HEADREST RELEASE HANDLE TABLE B	1
21	72598	SCREW FLAT HEAD PHILLIPS 6-32 X 5/8	3
22	33520	WELDMENT HEAD SECTION MOUNTING PLATE 3 SECTION	1
23	33531	HEADREST PIVOT SHAFT 3 SECTION B	1
24	33656	PIN RELEASE HANDLE TABLE B	1
25	33657	RETAINING RING RELEASE HANDLE	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 1

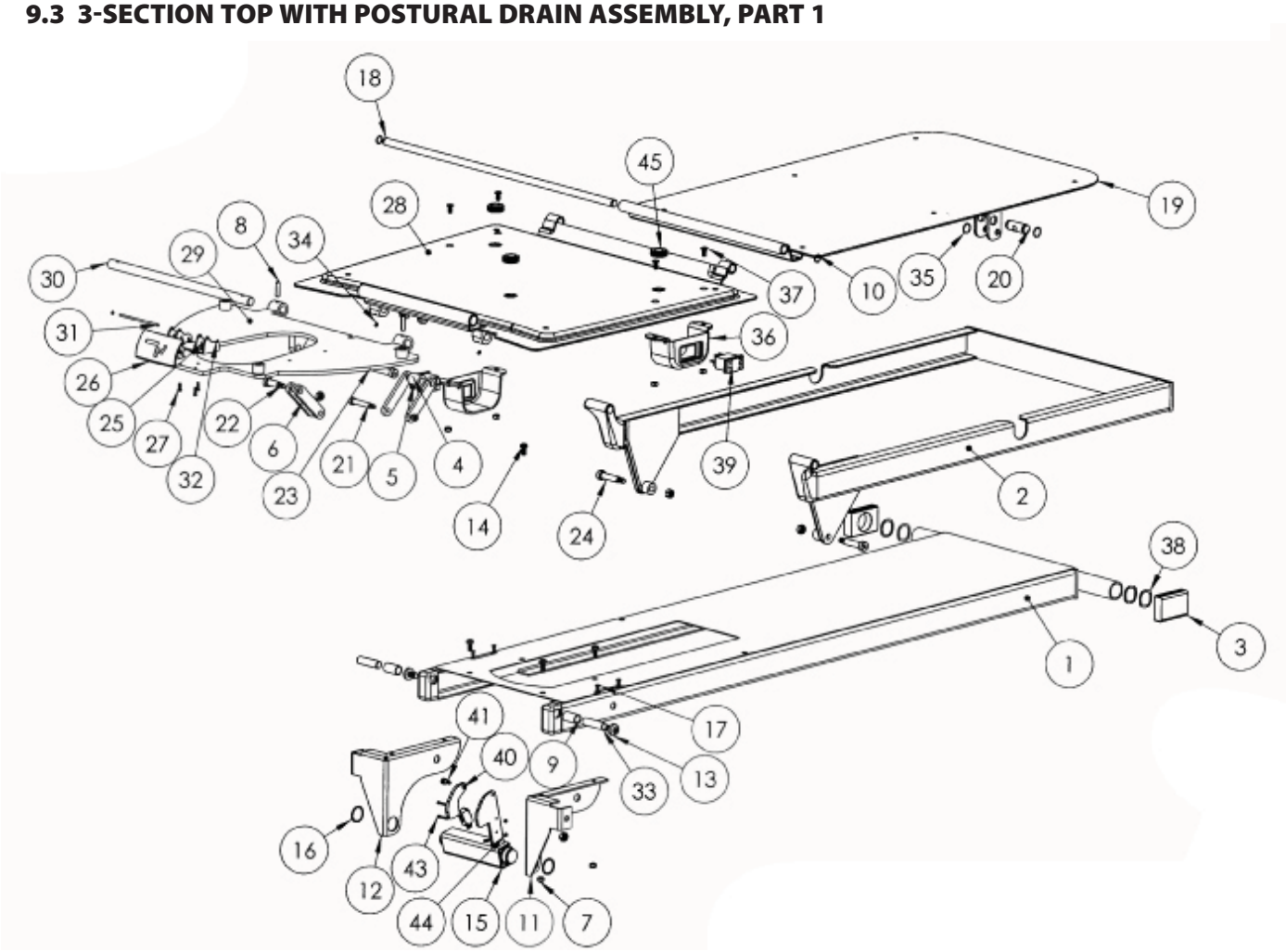


FIGURE 9.14

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33421	WELDMENT TOP FRAME TABLE B	1
2	33437	WELDMENT LEG CUSHION TABLE B	1
3	33483	SCISSOR SLIDER BLOCK	2
4	33425	NUT ESNA M8	4
5	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
6	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
7	33468	NUT ESNA M6	1
8	33469	6MM ROLL PIN TABLE B	2
9	33494	SLEEVE BUSHING BRONZE	2
10	33357	SPIRAL RETAINING RING	2
11	33354	POSTURAL DRAIN ACTUATOR MOUNT BRACKET RIGHT HAND	4
12	33353	POSTURAL DRAIN ACTUATOR MOUNT BRACKET LEFT HAND	1
13	33350	SCREW M10 X 16MM PAN HD PHILLIPS	2
14	33349	SCREW M6 X 14MM PAN HD PHILLIPS	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 1 (CONTINUED)

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
15	33345	WELDMENT LINAK YOKE ASSEMBLY	1
16	33348	SPIRAL RETAINING RING 1 DIA SHAFT	2
17	33359	SCREW FHCS, M4 X 10, S/S	8
18	33339	LEG CUSHION PIVOT PIN TABLE B	2
19	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
20	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
21	33467	SCREW SHOULDER BOLT 8MM X 40MM X 8M THREAD	1
22	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
23	33424	SCREW SHOULDER BOLT M10 X 50MM X M8 THREAD	1
24	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
25	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
26	33515	HEADREST RELEASE HANDLE TABLE B	1
27	72598	SCREW FLAT HEAD PHILLIPS 6-32 X 5/8	3
28	33719	WELDMENT 3 SECTION CHEST W/WELDED STIFFENERS	1
29	33520	WELDMENT HEAD SECTION MOUNTING PLATE 3 SECTION	1
30	33531	HEADREST PIVOT SHAFT 3 SECTION B	1
31	33656	PIN RELEASE HANDLE TABLE B	1
32	33657	RETAINING RING RELEASE HANDLE	2
33	33658	HINGE PIN TOP FRAME TABLE B	1
34	33652	SETSCREW M4 X 6MM LG TABLE B	2
35	33554	RETAINING RING FOR 16MM SHAFT	4
36	33555	BRACKET POSTURAL DRAIN SWITCH	2
37	33543	SCREW FLAT HD M6 X 18MM LG X 1MM PITCH	4
38	33712	SPRING WASHER	4
39	33646	POSTURAL DRAINAGE SWITCH DRAWING	2
40	33640	LIMIT SWITCH NYLON LEVER	1
41	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3
43	33817	SCREW BUTTON HEAD M2.5 X .45 X 20MM	2
44	33818	NUT M2.5 X .45	2
45	33819	RUBBER GROMMET 5/8 ID X 7/8 OD	3

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 2

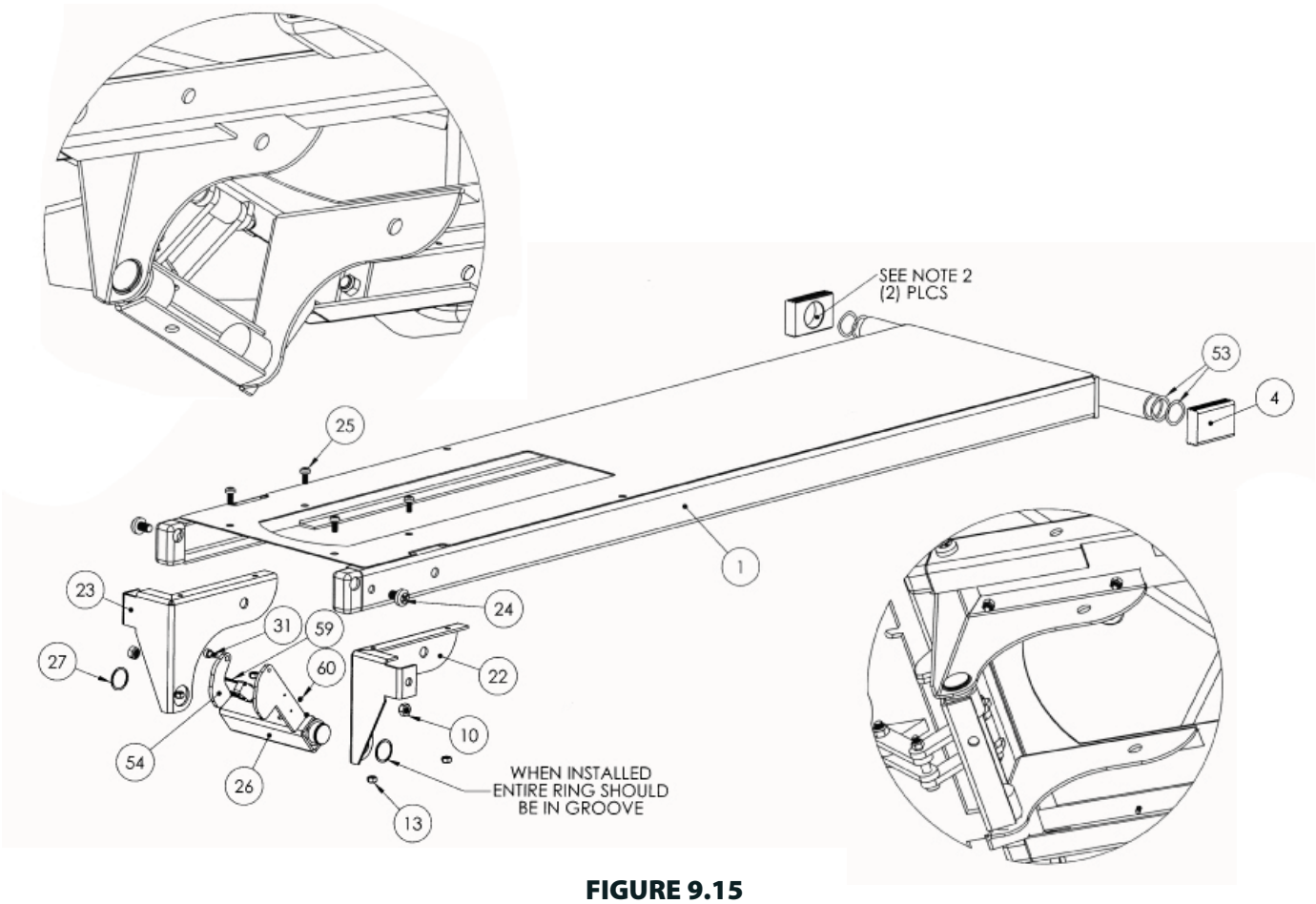


FIGURE 9.15

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33421	WELDMENT TOP FRAME TABLE B	1
3	33483	SCISSOR SLIDER BLOCK	2
4	33425	NUT ESNA M8	4
7	33468	NUT ESNA M6	1
11	33354	POSTURAL DRAIN ACTUATOR MOUNT BRACKET RIGHT HAND	4
12	33353	POSTURAL DRAIN ACTUATOR MOUNT BRACKET LEFT HAND	1
13	33350	SCREW M10 X 16MM PAN HD PHILLIPS	2
14	33349	SCREW M6 X 14MM PAN HD PHILLIPS	4
15	33345	WELDMENT LINAK YOKE ASSEMBLY	1
16	33348	SPIRAL RETAINING RING 1 DIA SHAFT	2
38	33712	SPRING WASHER	4
40	33640	LIMIT SWITCH NYLON LEVER	1
41	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3
42	33639	LIMIIT SWITCH CHERRY E33-50H	1
44	33818	NUT M2.5 X .45	?

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 3

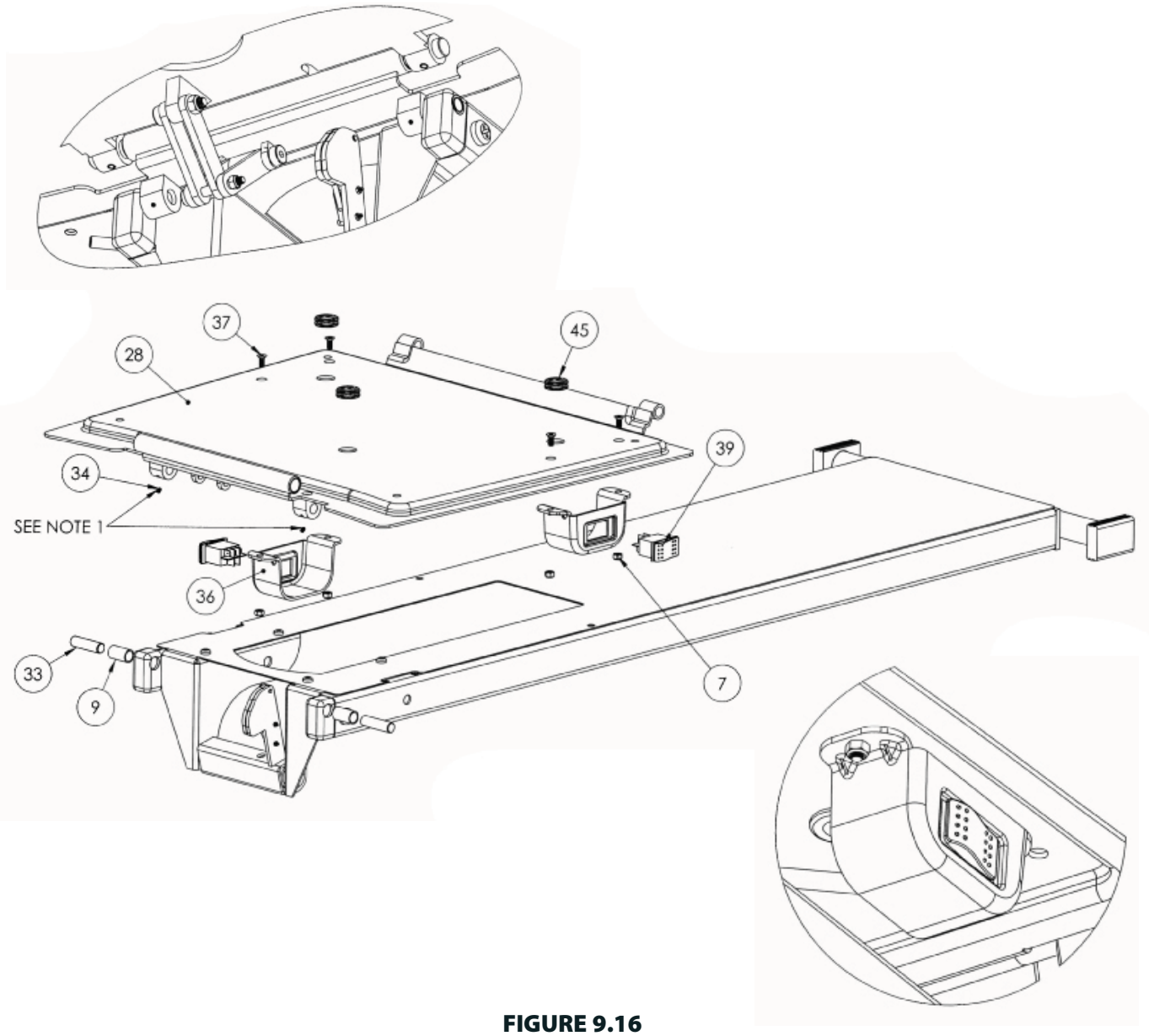


FIGURE 9.16

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
7	33468	NUT ESNA M6	1
9	33494	SLEEVE BUSHING BRONZE	2
28	33719	WELDMENT 3 SECTION CHEST W/WELDED STIFFENERS	1
33	33658	HINGE PIN TOP FRAME TABLE B	1
34	33652	SETSCREW M4 X 6MM LG TABLE B	2
36	33555	BRACKET POSTURAL DRAIN SWITCH	2
37	33543	SCREW FLAT HD M6 X 18MM LG X 1MM PITCH	4
39	33646	POSTURAL DRAINAGE SWITCH DRAWING	2
45	33819	RUBBER GROMMET 5/8 ID X 7/8 OD	3

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 4

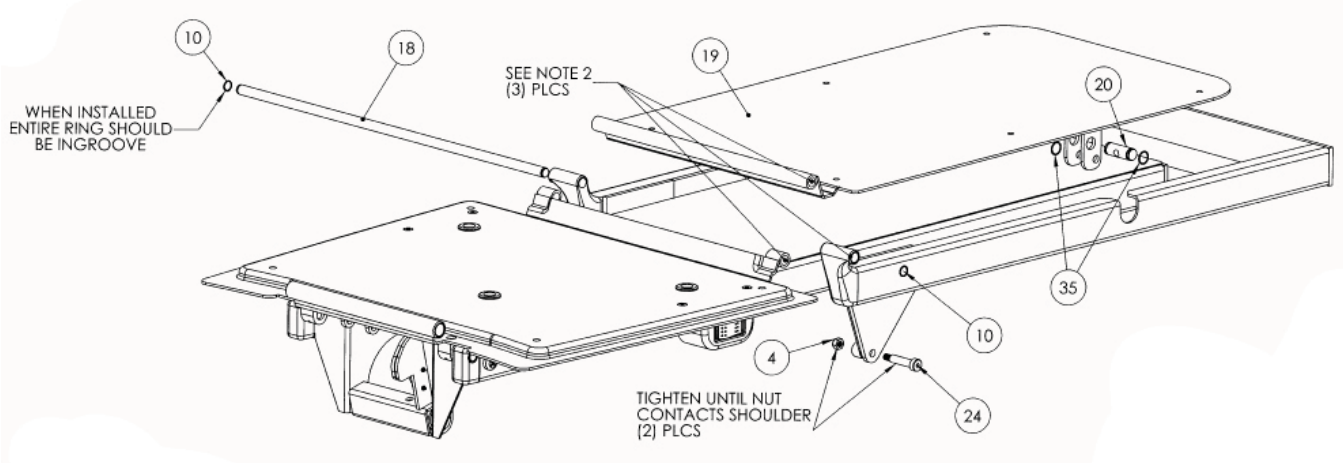


FIGURE 9.17

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
4	33425	NUT ESNA M8	4
10	33357	SPIRAL RETAINING RING	2
18	33339	LEG CUSHION PIVOT PIN TABLE B	2
19	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
20	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
24	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
35	33554	RETAINING RING FOR 16MM SHAFT	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 5

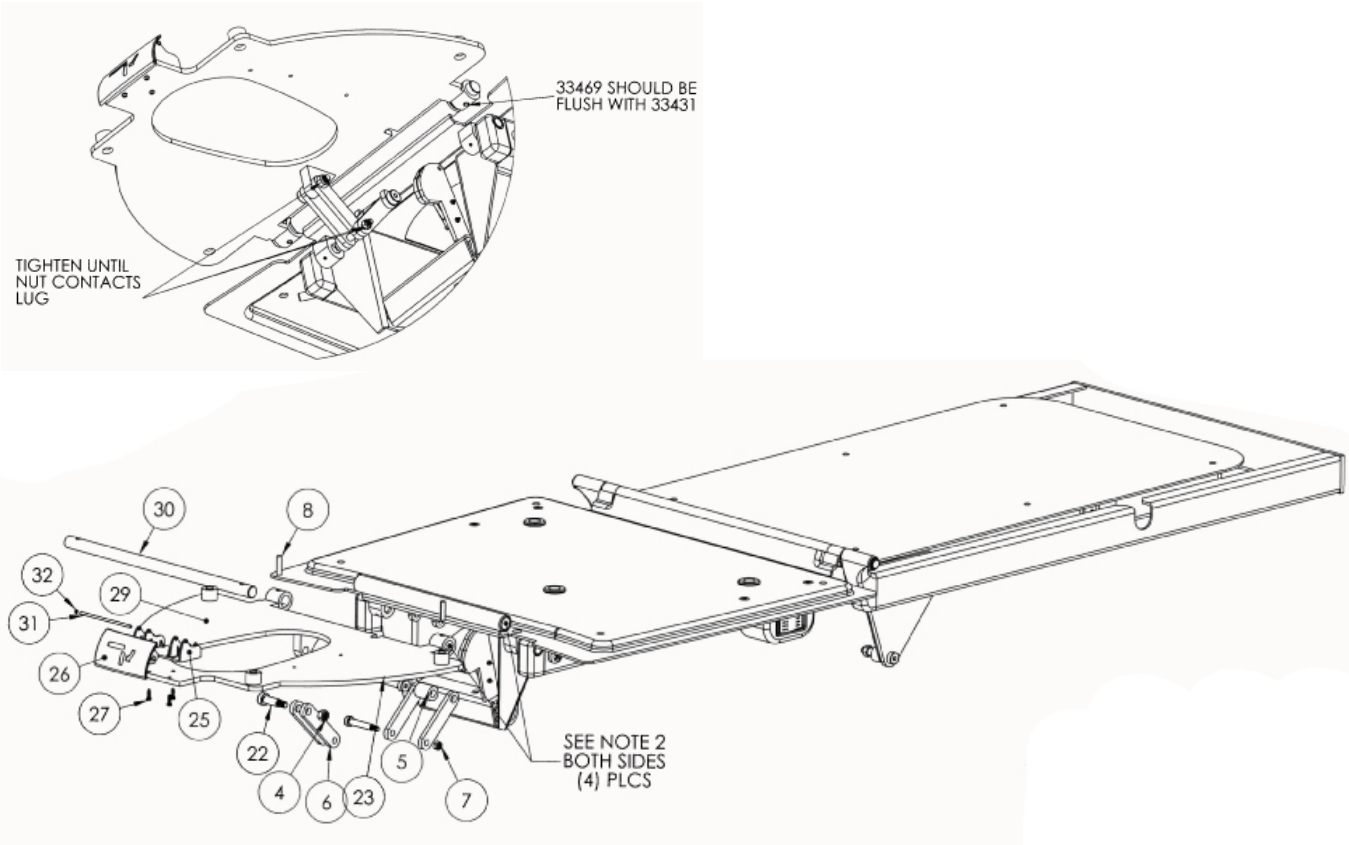


FIGURE 9.18

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
4	33425	NUT ESNA M8	4
5	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
6	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
7	33468	NUT ESNA M6	1
8	33469	6MM ROLL PIN TABLE B	2
22	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
23	33424	SCREW SHOULDER BOLT M10 X 50MM X M8 THREAD	1
25	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
26	33515	HEADREST RELEASE HANDLE TABLE B	1
27	cf	SCREW PAN HEAD THREAD-FORMING M3.5 X 12 MMIG	2
29	33520	WELDMENT HEAD SECTION MOUNTING PLATE 3 SECTION	1
30	33531	HEADREST PIVOT SHAFT 3 SECTION B	1
31	33656	PIN RELEASE HANDLE TABLE B	1
32	33657	RETAINING RING RELEASE HANDLE	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 6

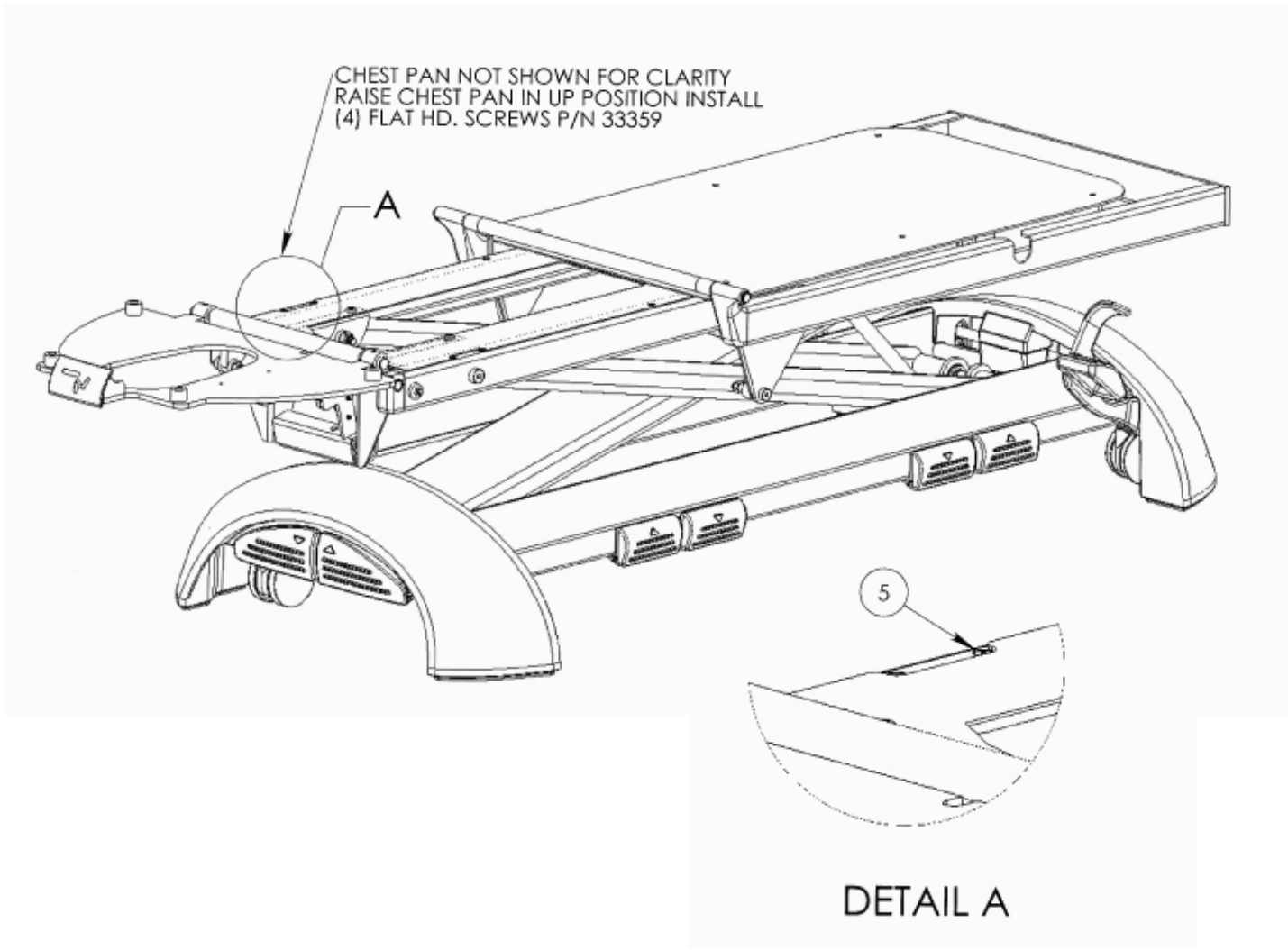


FIGURE 9.19

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
5	33359	SCREW FHCS, M4 X 10, S/S	8

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.3 3-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 7

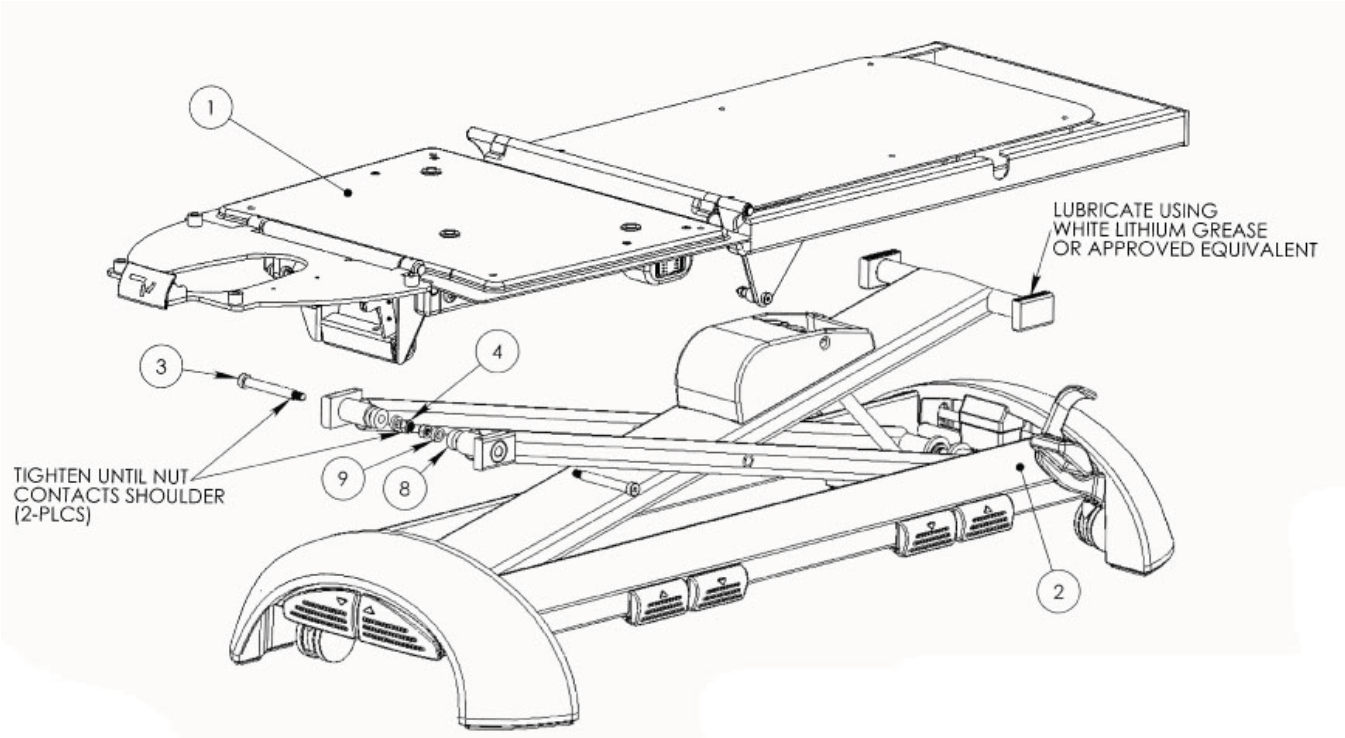


FIGURE 9.20

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33530	TOP FRAME ASSEMBLY TABLE 3 SECTION	1
2	33501	BASE ASSEMBLY TABLE B 7 & 3 SECTION	1
3	33352	SCREW SHOULDER BOLT 12MM X 90MM	2
4	33351	NUT ESNA M10	2
8	33532	NYLON SPACER TABLE BASE TO TOP FRAME TABLE B	2
9	33533	NYLON WASHER 20MM O.D. X 12MM I.D. X 6MM THK.	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.4 7-SECTION TOP NON- POSTURAL DRAIN ASSEMBLY, PART 1

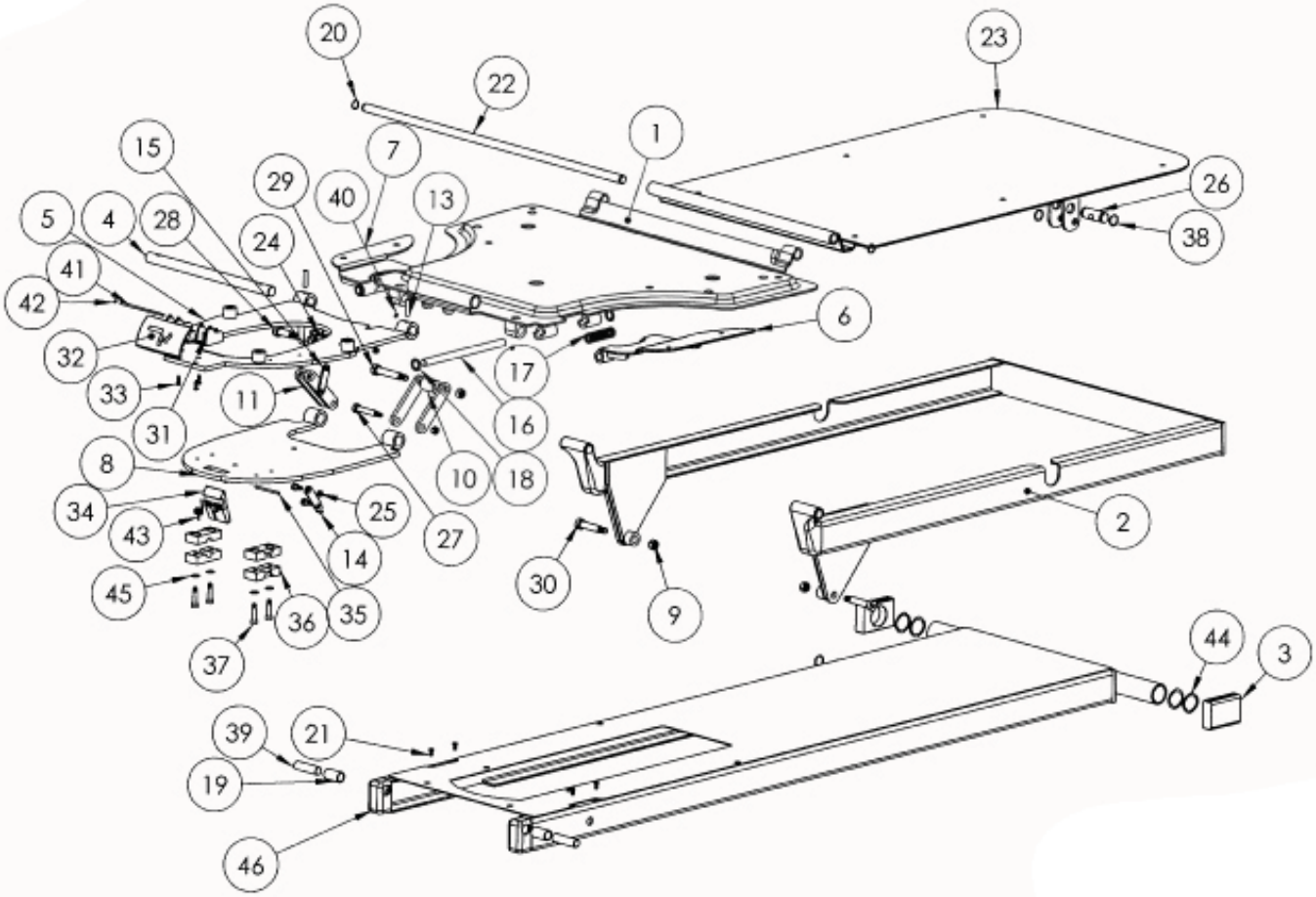


FIGURE 9.21

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33609	WELDMENT 7 SECTION CHEST W/WELDED STIFFEERS	1
2	33437	WELDMENT LEG CUSHION TABLE B	1
3	33483	SCISSOR SLIDER BLOCK	2
4	33458	HEADREST PIVOT SHAFT 7 SECTIOIN B	1
5	33429	WELDMENT HEAD SECTION MOUNTING PLATE 7 SECTION	1
6	33452	WELDMENT RIGHT WING MOUNTING PLATE	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.4 7-SECTION TOP NON- POSTURAL DRAIN ASSEMBLY, PART 1 (CONTINUED)

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
7	33453	WELDMENT LEFT WING MOUNTING PLATE	1
8	33463	WELDMENT Z PLATE TABLE B 7- SECTION	1
9	33425	NUT ESNA M8	4
10	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
11	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
13	33469	6MM ROLL PIN TABLE B	2
14	33470	LOCKING HEAD REST TABLE B	1
15	33472	HEADREST LINK TABLE B	1
16	33455	WING CUSHIION HINGE PIN	2
17	33456	SPRING WING CUSHION LEE 15 C	2
18	33480	SELF LOCKING RETAINING RING 7/16 DIA SHAFT	4
19	33494	SLEEVE BUSHING BRONZE	2
20	33357	SPIRAL RETAINING RING	2
21	33359	SCREW FHCS, M4 X 10, S/S	8
22	33339	LEG CUSHION PIVOT PIN TABLE B	2
23	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
24	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3
25	33504	NUT ESNA M5	3
26	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
27	33467	SCREW SHOULDER BOLT 8MM X 40MM X 8M THREAD	1
28	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
29	33424	SCREW SHOULDER BOLT M10 X 50MM X M8 THREAD	1
30	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
31	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
32	33515	HEADREST RELEASE HANDLE TABLE B	1
33	33552	GAS STRUT PIVOT PLATE TABLE B 3 & 7 SECTION	2
34	33435	HANDREST LATCH	1
35	33524	ARM RELEASE HANDLE SHAFT TABLE B	1
36	33525	ARMREST PILLOW BLOCK TABLE B	4
37	33526	SCREW SHOULDER M6 X 20MM LG-M5 THREAD ARMREST	4
38	33554	RETAINING RING FOR 16MM SHAFT	4
39	33658	HINGE PIN TOP FRAME TABLE B	1
40	33652	SETSCREW M4 X 6MM LG TABLE B	2
41	33656	PIN RELEASE HANDLE TABLE B	1
42	33657	RETAINING RING RELEASE HANDLE	2
43	33523	TORSION SPRING ARM CUSHION TABLE B	1
44	33712	SPRING WASHER	4
45	33527	BELLEVILLE DISC WASHER ARMREST TABLE B	4
46	33421	WELDMENT TOP FRAME TABLE B	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.4 7-SECTION TOP NON- POSTURAL DRAIN ASSEMBLY, PART 2

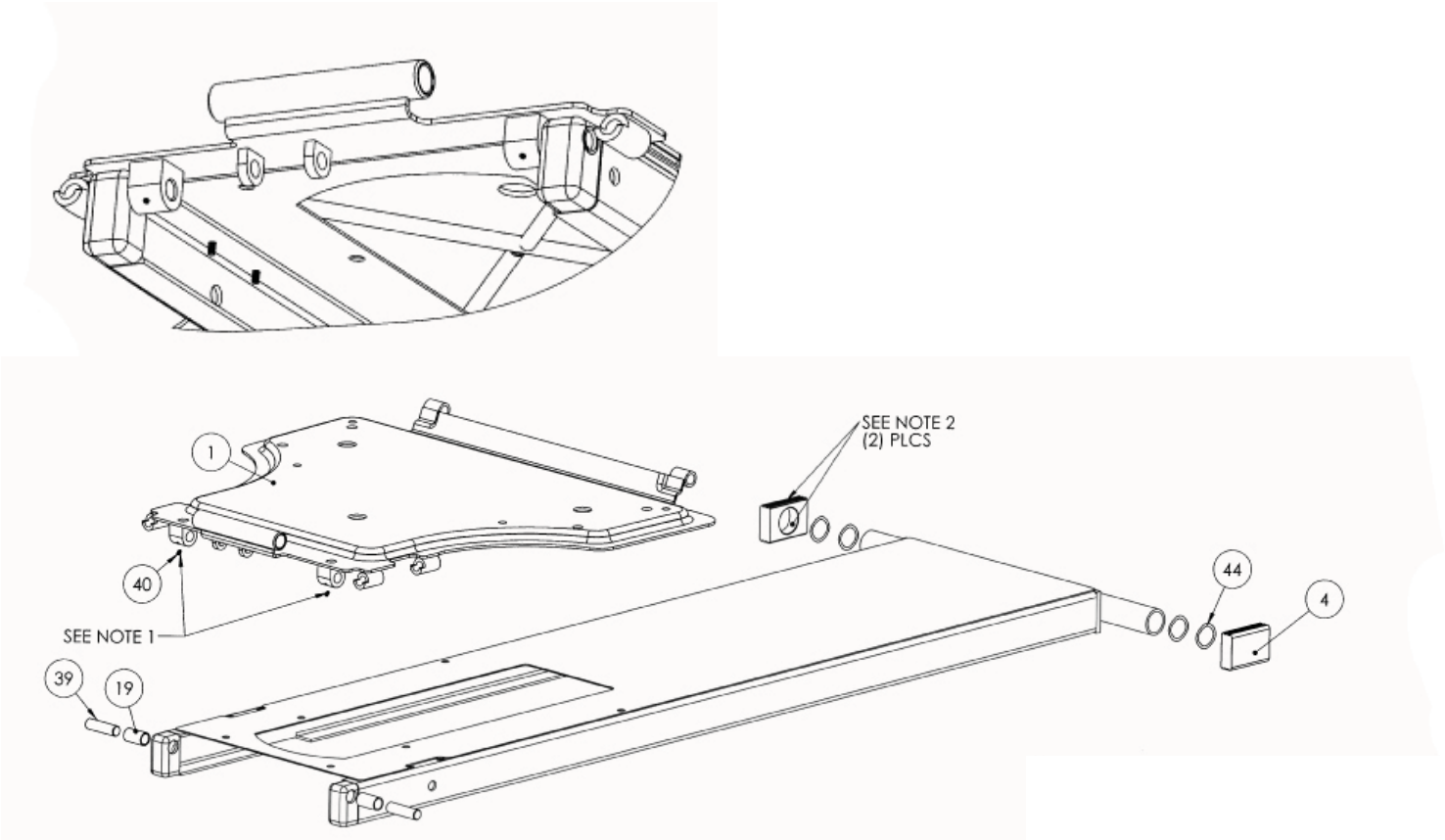


FIGURE 9.22

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33609	WELDMENT 7 SECTION CHEST W/WELDED STIFFEERS	1
4	33458	HEADREST PIVOT SHAFT 7 SECTIOIN B	1
19	33494	SLEEVE BUSHING BRONZE	2
39	33658	HINGE PIN TOP FRAME TABLE B	1
40	33652	SETSCREW M4 X 6MM LG TABLE B	2
44	33712	SPRING WASHER	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.4 7-SECTION TOP NON- POSTURAL DRAIN ASSEMBLY, PART 3

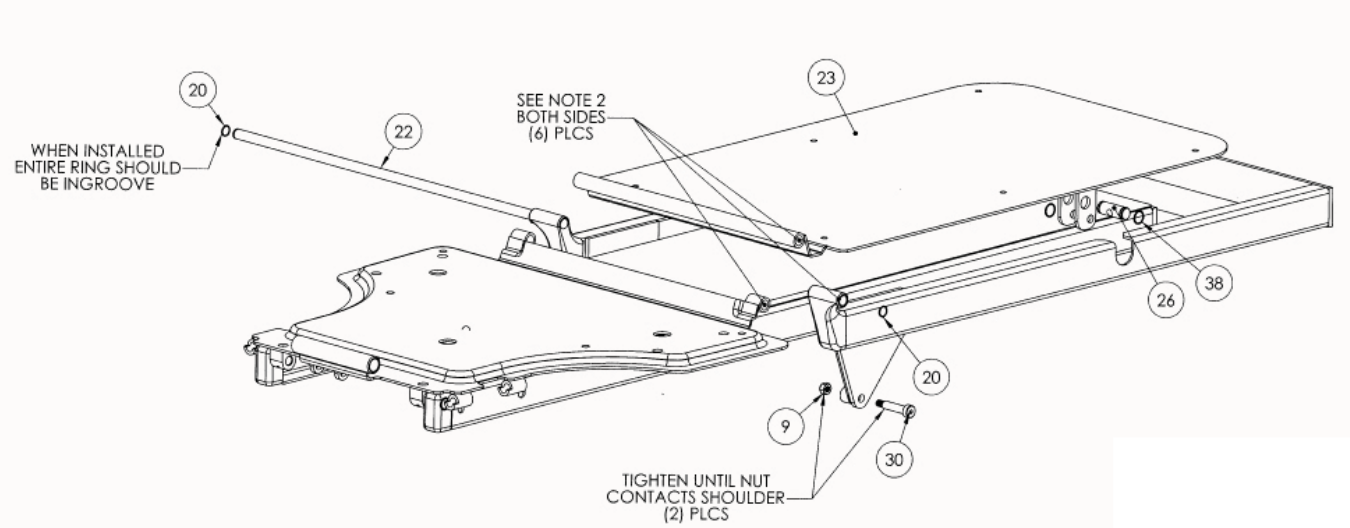


FIGURE 9.23

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
9	33425	NUT ESNA M8	4
20	33357	SPIRAL RETAINING RING	2
22	33339	LEG CUSHION PIVOT PIN TABLE B	2
23	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
26	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
30	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
38	33554	RETAINING RING FOR 16MM SHAFT	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.4 7-SECTION TOP NON- POSTURAL DRAIN ASSEMBLY, PART 4

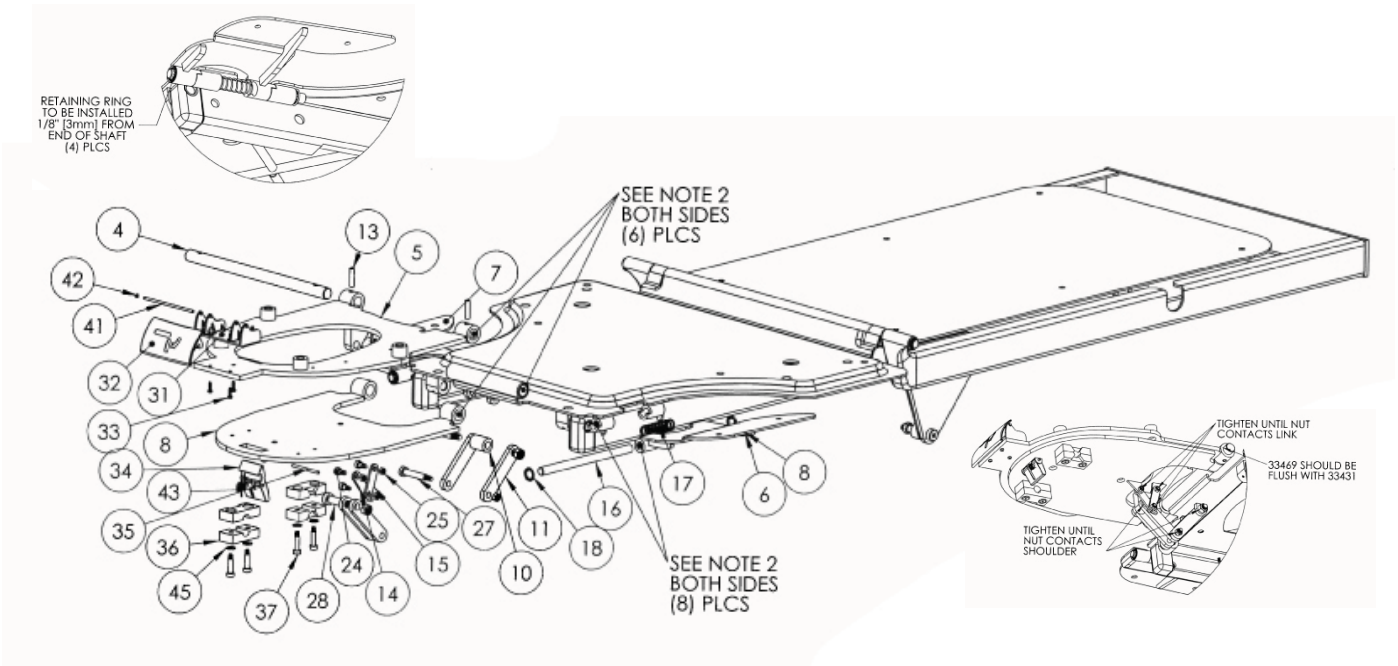


FIGURE 9.24

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
4	33458	HEADREST PIVOT SHAFT 7 SECTIOIN B	1
5	33429	WELDMENT HEAD SECTION MOUNTING PLATE 7 SECTION	1
6	33452	WELDMENT RIGHT WING MOUNTING PLATE	1
7	33453	WELDMENT LEFT WING MOUNTING PLATE	1
8	33463	WELDMENT Z PLATE TABLE B 7- SECTION	1
10	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
11	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
13	33469	6MM ROLL PIN TABLE B	2
14	33470	LOCKING HEAD REST TABLE B	1
15	33472	HEADREST LINK TABLE B	1
16	33455	WING CUSHIION HINGE PIN	2
17	33456	SPRING WING CUSHION LEE 15 C	2
18	33480	SELF LOCKING RETAINING RING 7/16 DIA SHAFT	4
24	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.4 7-SECTION TOP NON- POSTURAL DRAIN ASSEMBLY, PART 4 (CONTINUED)

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
25	33504	NUT ESNA M5	3
27	33467	SCREW SHOULDER BOLT 8MM X 40MM X 8M THREAD	1
28	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
31	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
32	33515	HEADREST RELEASE HANDLE TABLE B	1
33	33552	GAS STRUT PIVOT PLATE TABLE B 3 & 7 SECTION	2
34	33435	HANDREST LATCH	1
35	33524	ARM RELEASE HANDLE SHAFT TABLE B	1
36	33525	ARMREST PILLOW BLOCK TABLE B	4
37	33526	SCREW SHOULDER M6 X 20MM LG-M5 THREAD ARMREST	4
41	33656	PIN RELEASE HANDLE TABLE B	1
42	33657	RETAINING RING RELEASE HANDLE	2
43	33523	TORSION SPRING ARM CUSHION TABLE B	1
45	33527	BELLEVILLE DISC WASHER ARMREST TABLE B	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 1

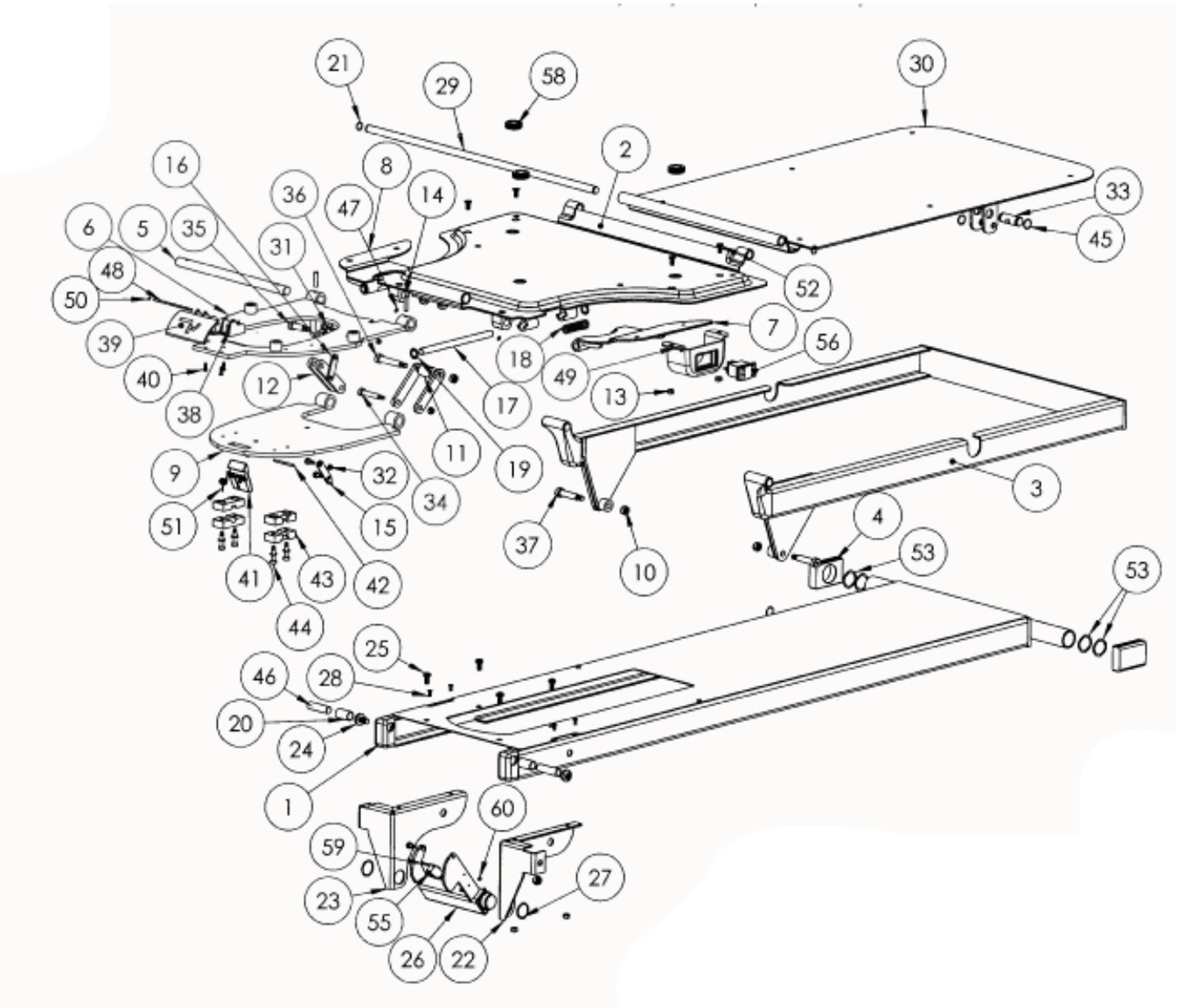


FIGURE 9.25

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33421	WELDMENT TOP FRAME TABLE B	1
2	33609	WELDMENT 7 SECTION CHEST W/WELDED STIFFEERS	1
3	33437	WELDMENT LEG CUSHION TABLE B	1
4	33483	SCISSOR SLIDER BLOCK	2
5	33458	HEADREST PIVOT SHAFT 7 SECTIOIN B	1
6	33429	WELDMENT HEAD SECTION MOUNTING PLATE 7 SECTION	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 1 (CONTINUED)

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
7	33452	WELDMENT RIGHT WING MOUNTING PLATE	1
8	33453	WELDMENT LEFT WING MOUNTING PLATE	1
9	33463	WELDMENT Z PLATE TABLE B 7- SECTION	1
10	33425	NUT ESNA M8	4
11	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
12	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
13	33468	NUT ESNA M6	1
14	33469	6MM ROLL PIN TABLE B	2
15	33470	LOCKING HEAD REST TABLE B	1
16	33472	HEADREST LINK TABLE B	1
17	33455	WING CUSHION HINGE PIN	2
18	33456	SPRING WING CUSHION LEE 15 C	2
19	33480	SELF LOCKING RETAINING RING 7/16 DIA SHAFT	4
20	33494	SLEEVE BUSHING BRONZE	2
21	33357	SPIRAL RETAINING RING	2
22	33354	POSTURAL DRAIN ACTUATOR MOUNT BRACKET RIGHT HAND	4
23	33353	POSTURAL DRAIN ACTUATOR MOUNT BRACKET LEFT HAND	1
24	33350	SCREW M10 X 16MM PAN HD PHILLIPS	2
25	33349	SCREW M6 X 14MM PAN HD PHILLIPS	4
26	33345	WELDMENT LINAK YOKE ASSEMBLY	1
27	33348	SPIRAL RETAINING RING 1 DIA SHAFT	2
28	33359	SCREW FHCS, M4 X 10, S/S	8
29	33339	LEG CUSHION PIVOT PIN TABLE B	2
30	33335	WELDMENT CUSHION SUPPORT PLATE	1
31	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3
32	33504	NUT ESNA M5	3
33	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
34	33467	SCREW SHOULDER BOLT 8MM X 40MM X 8M THREAD	1
35	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
36	33424	SCREW SHOULDER BOLT M10 X 50MM X M8 THREAD	1
37	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
38	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
39	33515	HEADREST RELEASE HANDLE TABLE B	1
40	33552	GAS STRUT PIVOT PLATE TABLE B 3 & 7 SECTION	2
41	33435	HANDREST LATCH	1
42	33524	ARM RELEASE HANDLE SHAFT TABLE B	1
43	33525	ARMREST PILLOW BLOCK TABLE B	4
44	33526	SCREW SHOULDER M6 X 20MM LG-M5 THREAD ARMREST	4
45	33554	RETAINING RING FOR 16MM SHAFT	4
46	33658	HINGE PIN TOP FRAME TABLE B	1
47	33652	SETSCREW M4 X 6MM LG TABLE B	2
48	33656	PIN RELEASE HANDLE TABLE B	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 2

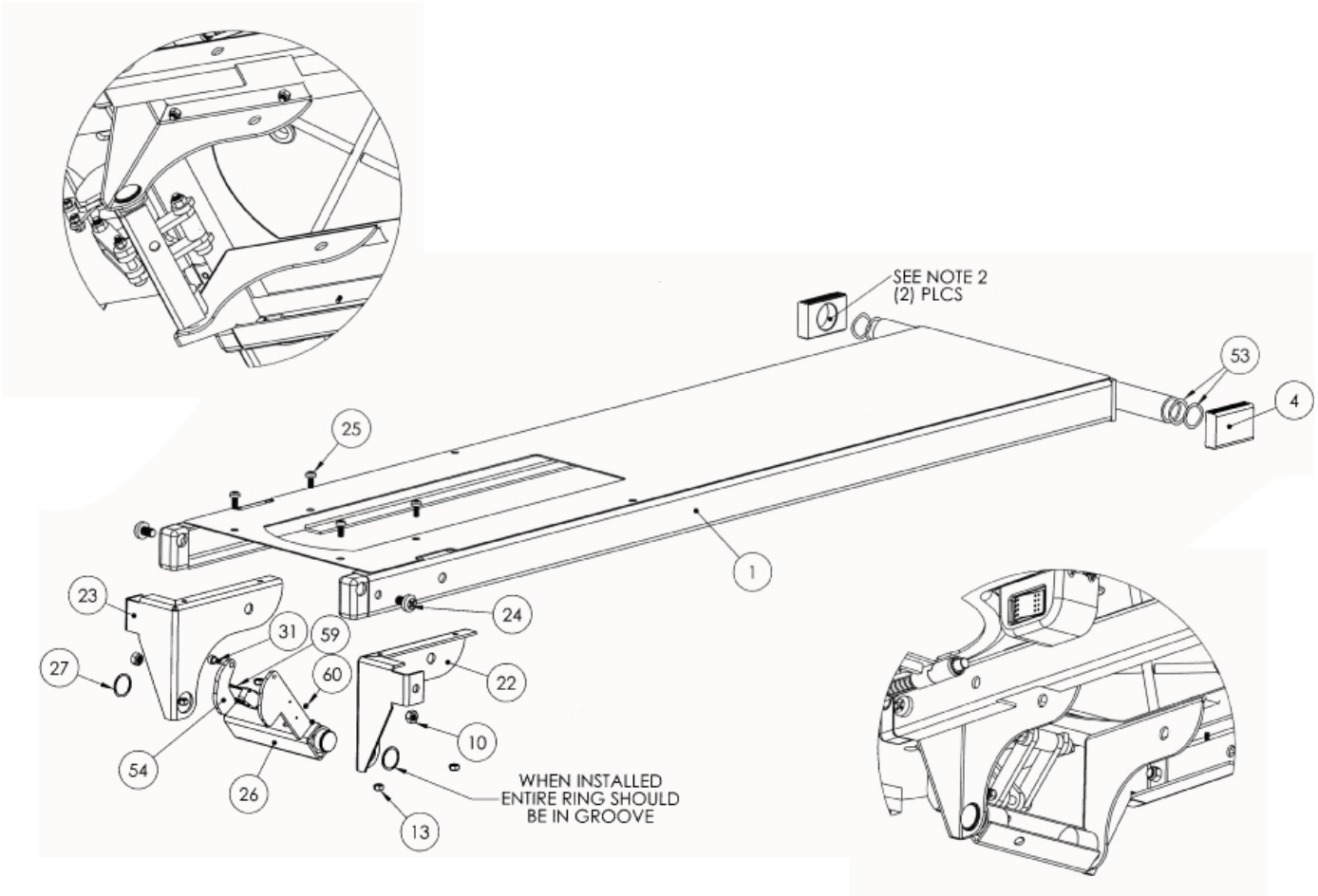


FIGURE 9.26

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33421	WELDMENT TOP FRAME TABLE B	1
4	33483	SCISSOR SLIDER BLOCK	2
10	33425	NUT ESNA M8	4
13	33468	NUT ESNA M6	1
22	33354	POSTURAL DRAIN ACTUATOR MOUNT BRACKET RIGHT HAND	4
23	33353	POSTURAL DRAIN ACTUATOR MOUNT BRACKET LEFT HAND	1
24	33350	SCREW M10 X 16MM PAN HD PHILLIPS	2
25	33349	SCREW M6 X 14MM PAN HD PHILLIPS	4
26	33345	WELDMENT LINAK YOKE ASSEMBLY	1
27	33348	SPIRAL RETAINING RING 1 DIA SHAFT	2
31	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3
53	33712	SPRING WASHER	4
54	33640	LIMIT SWITCH NYLON LEVER	1
59	33817	SCREW BUTTON HEAD M2.5 X .45 X 20MM	2
60	33818	NUT M2.5 X .45	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 3

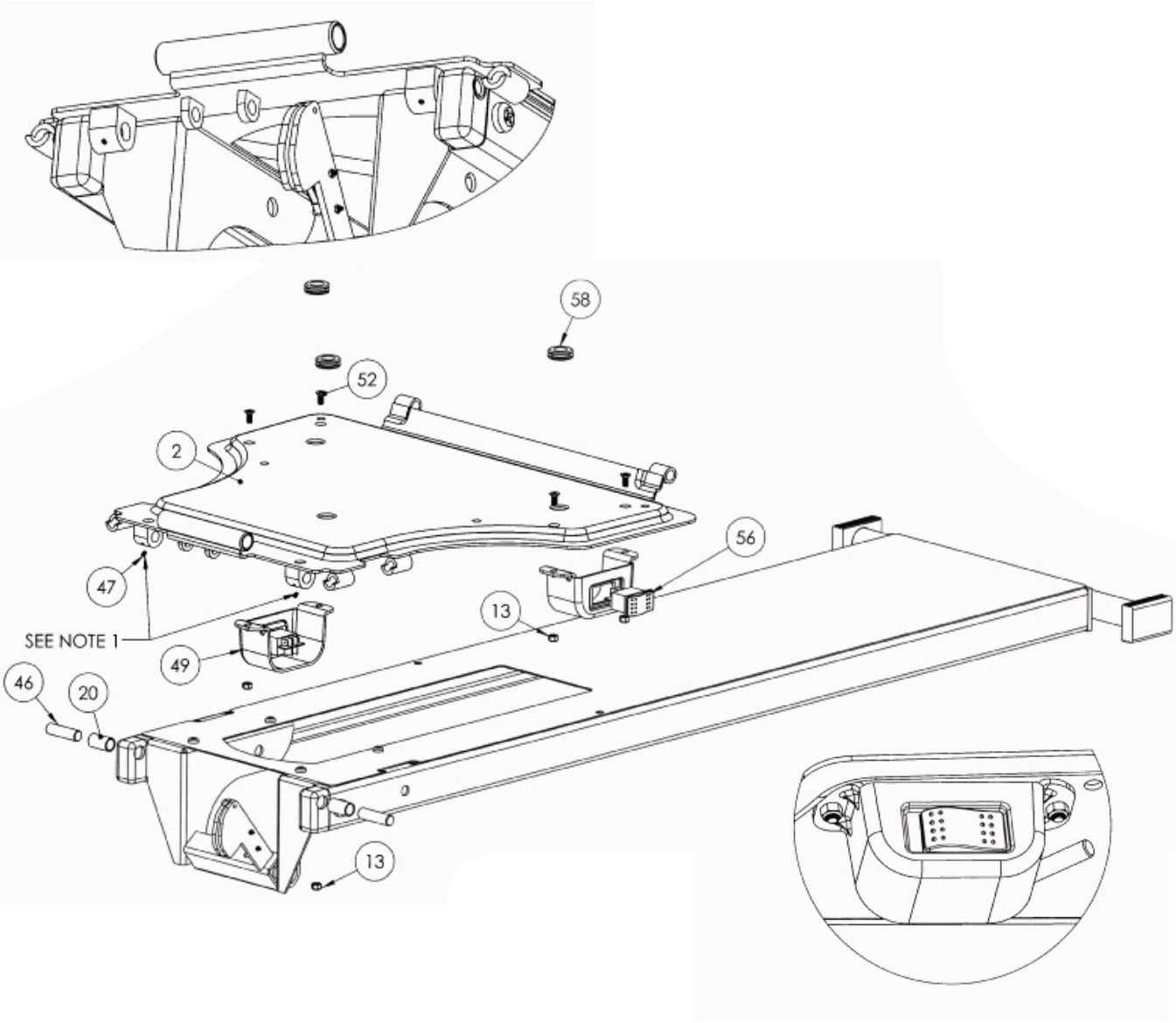


FIGURE 9.27

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
2	33609	WELDMENT 7 SECTION CHEST W/WELDED STIFFEERS	1
13	33468	NUT ESNA M6	1
20	33494	SLEEVE BUSHING BRONZE	2
46	33658	HINGE PIN TOP FRAME TABLE B	1
47	33652	SETSCREW M4 X 6MM LG TABLE B	2
49	33555	BRACKET POSTURAL DRAIN SWITCH	2
52	33543	SCREW FLAT HD M6 X 18MM LG X 1MM PITCH	4
56	33646	POSTURAL DRAINAGE SWITCH DRAWING	2
58	33819	RUBBER GROMMET 5/8 ID X 7/8 OD	3

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 4

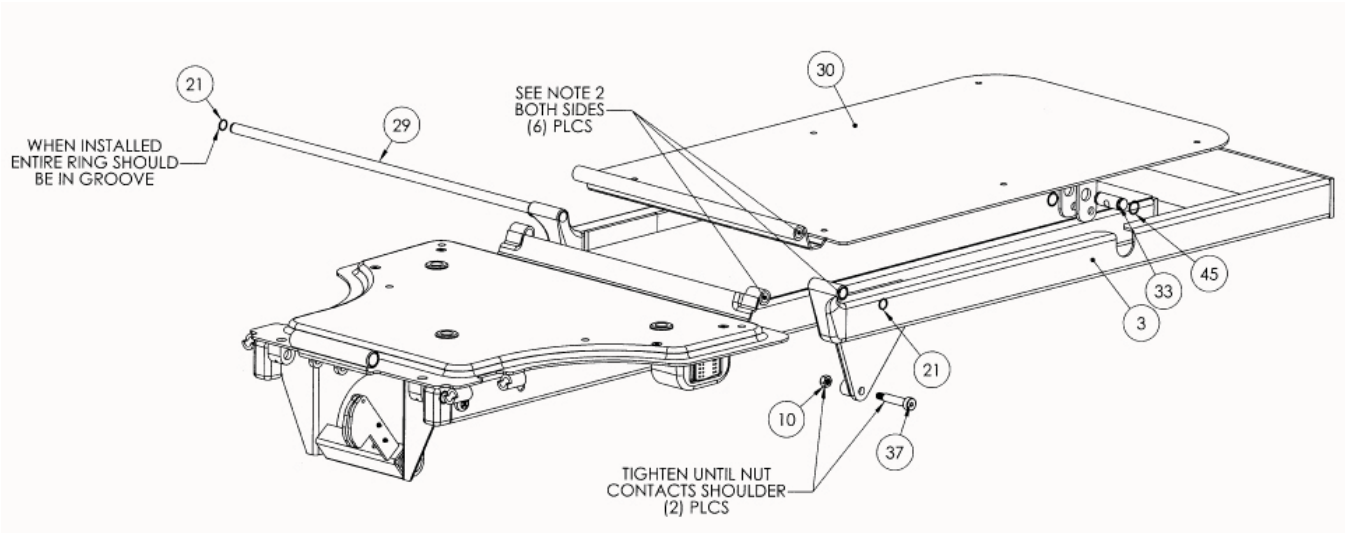


FIGURE 9.28

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
3	33437	WELDMENT LEG CUSHION TABLE B	1
10	33425	NUT ESNA M8	4
21	33357	SPIRAL RETAINING RING	2
29	33339	LEG CUSHION PIVOT PIN TABLE B	2
30	33335	WELDMENT LEG CUSHION SUPPORT PLATE	1
33	33506	GAS STRUT ROD PIVOT CLEVIS TABLE A & B	2
37	33423	SCREW SHOULDER BOLT M10 X 40MM X M8 THREAD	1
45	33554	RETAINING RING FOR 16MM SHAFT	4

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 5

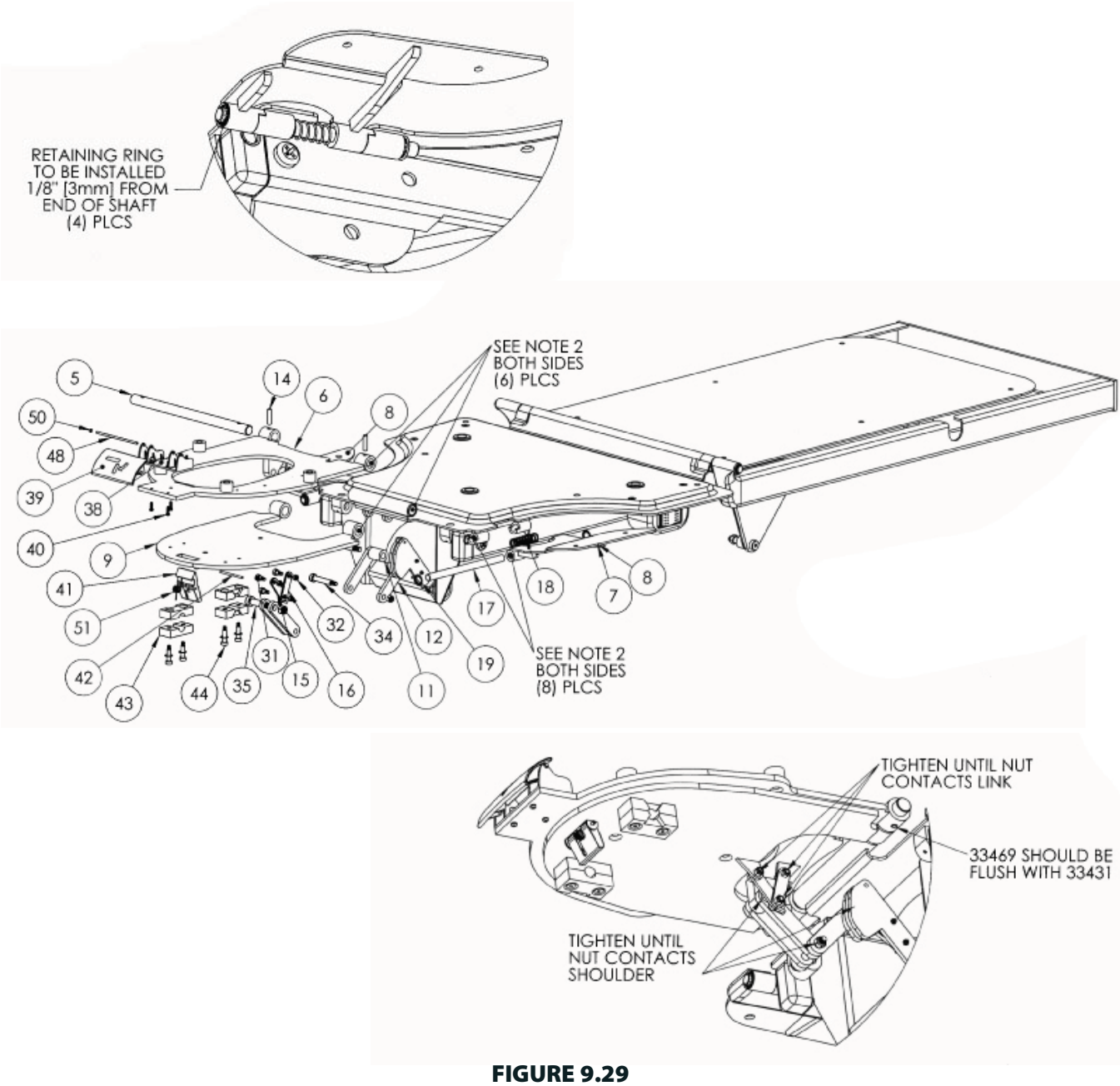


FIGURE 9.29

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
5	33458	HEADREST PIVOT SHAFT 7 SECTIOIN B	1
6	33429	WELDMENT HEAD SECTION MOUNTING PLATE 7 SECTION	1
7	33452	WELDMENT RIGHT WING MOUNTING PLATE	1
8	33453	WELDMENT LEFT WING MOUNTING PLATE	1
9	33463	WELDMENT Z PLATE TABLE B 7- SECTION	1
11	33464	BACKHOE BUSHING TABLE B 7-SECTION	1
12	33465	OUTER BACKHOE ARM TABLE B7-SECTION	4
14	33469	6MM ROLL PIN TABLE B	2

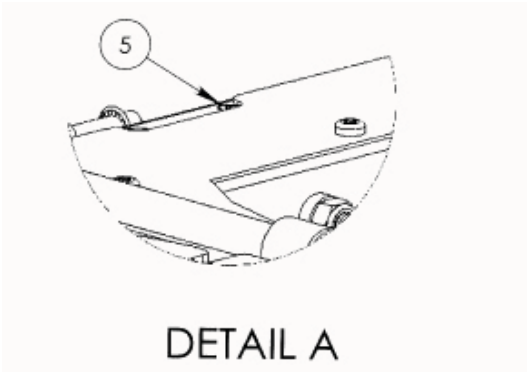
***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 5 (CONTINUED)

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
15	33470	LOCKING HEAD REST TABLE B	1
16	33472	HEADREST LINK TABLE B	1
17	33455	WING CUSHIION HINGE PIN	2
18	33456	SPRING WING CUSHION LEE 15 C	2
19	33480	SELF LOCKING RETAINING RING 7/16 DIA SHAFT	4
31	33329	SCREW SHOULDER M6 X 6MM LG-M5 THREAD	3
32	33504	NUT ESNA M5	3
34	33467	SCREW SHOULDER BOLT 8MM X 40MM X 8M THREAD	1
35	33466	SCREW SHOULDER BOLT 10MM X 25MM X 8M THREAD	1
38	33516	HEADREST RELEASE HANDLE SUPPORT TABLE B	1
39	33515	HEADREST RELEASE HANDLE TABLE B	1
40	33552	GAS STRUT PIVOT PLATE TABLE B 3 & 7 SECTION	2
41	33435	HANDREST LATCH	1
42	33524	ARM RELEASE HANDLE SHAFT TABLE B	1
43	33525	ARMREST PILLOW BLOCK TABLE B	4
44	33526	SCREW SHOULDER M6 X 20MM LG-M5 THREAD ARMREST	4
48	33656	PIN RELEASE HANDLE TABLE B	1
50	33657	RETAINING RING RELEASE HANDLE	2
51	33523	TORSION SPRING ARM CUSHION TABLE B	1

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 6



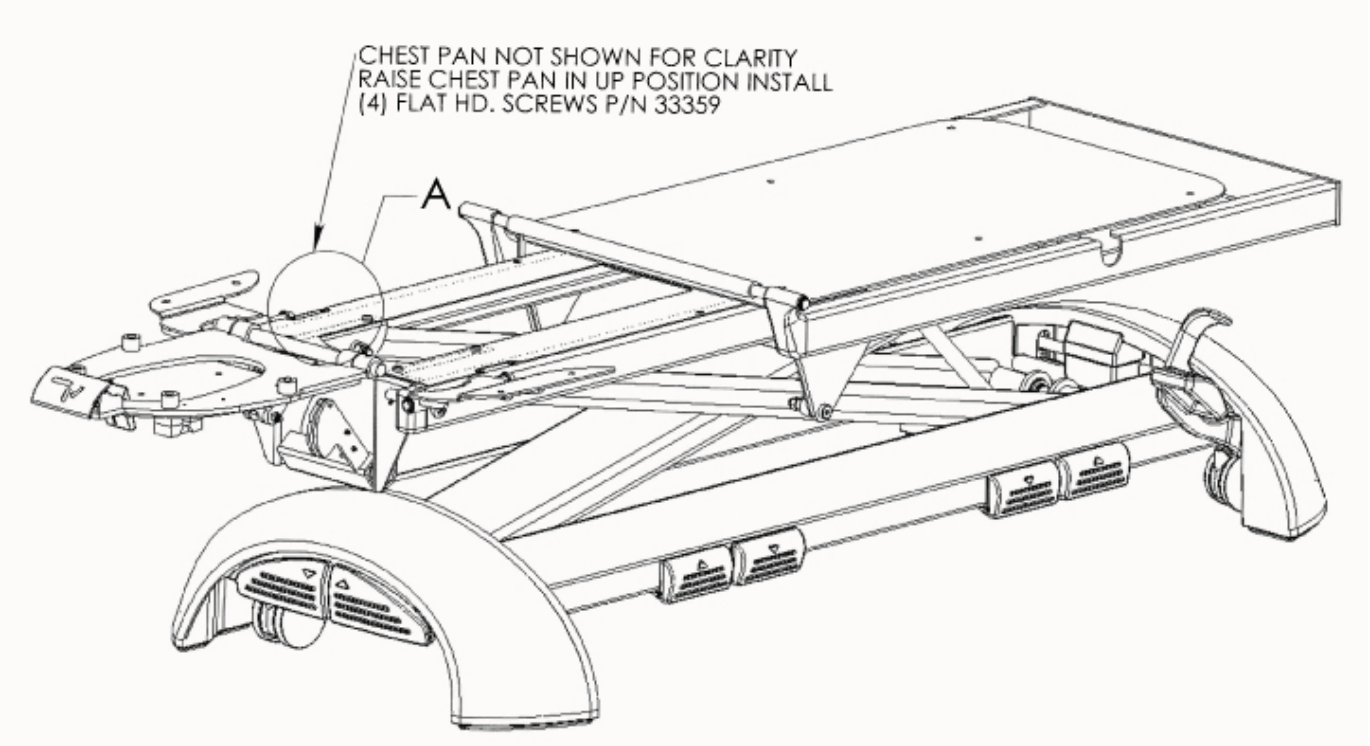


FIGURE 9.30

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
5	33359	SCREW FHCS, M4 X 10, S/S	8

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

9.5 7-SECTION TOP WITH POSTURAL DRAIN ASSEMBLY, PART 7

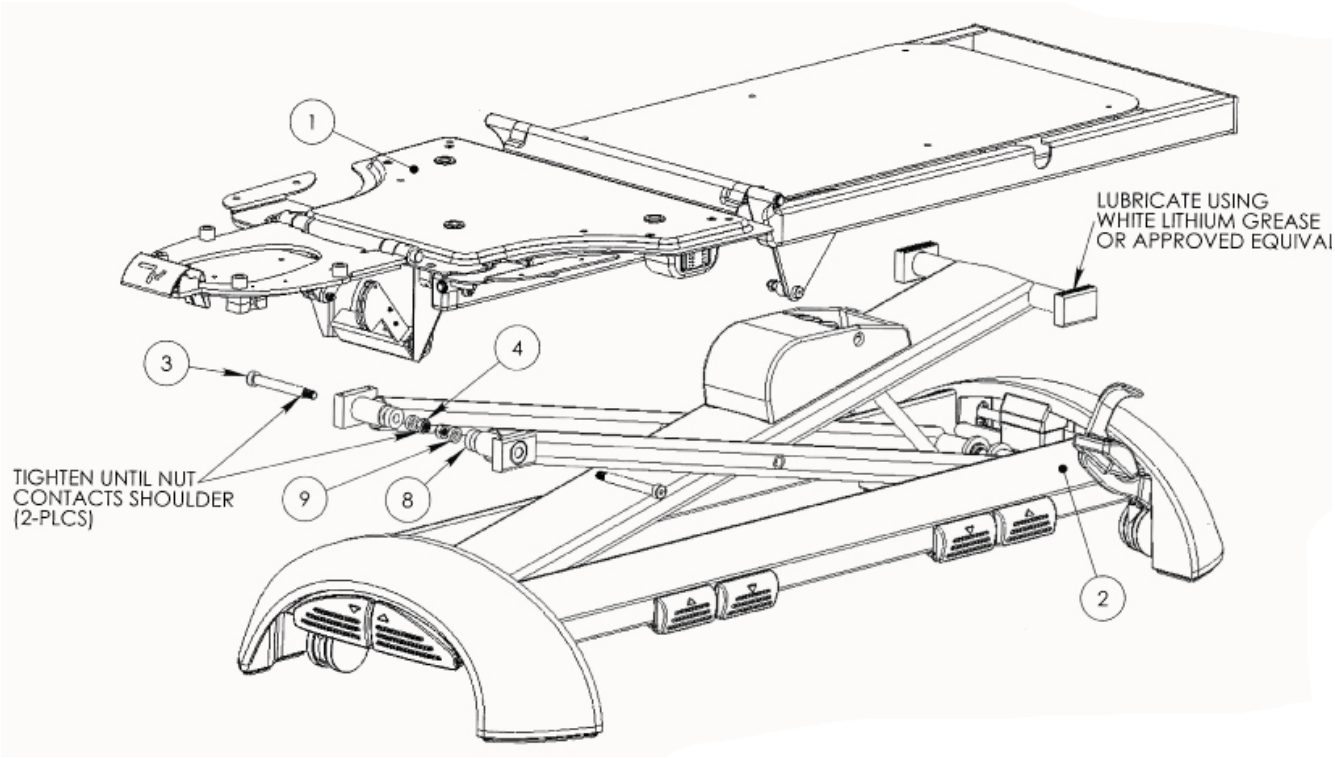


FIGURE 9.31

REFERENCE NUMBER	PART NO.	DESCRIPTION	QTY*
1	33457	TOP FRAME ASSEMBLY B 7 SECTION	1
2	33501	BASE ASSEMBLY TABLE B 7 & 3 SECTION	1
3	33352	SCREW SHOULDER BOLT 12MM X 90MM	2
4	33351	NUT ESNA M10	2
8	33532	NYLON SPACER TABLE BASE TO TOP FRAME TABLE B	2
9	33533	NYLON WASHER 20MM O.D. X 12MM I.D. X 6MM THK.	2

***** Quantities not specific to the drawing, the quantities reflect the number of pieces used to build the table.

Chattanooga Group, a division of Encore Medical, L.P. ("Company"), warrants that the Adapta Summit/Region 3 and 7 Physical Therapy Platforms ("Products") are free of defects in material and workmanship. This warranty shall remain in effect for one year (12 months) for the cushions and three years (36 months) for the base frame and motor from the date of original consumer purchase. If this Product fails to function during the warranty period due to a defect in material or workmanship, at the Company's option, the Company or selling dealer will repair or replace this Product without charge within a period of thirty days from the date on which the Product is returned to the Company or the dealer.

All repairs to the Product must be performed by a service center certified by the Company. Any modifications or repairs performed by unauthorized centers or groups will void this warranty.

To participate in warranty coverage, this Product's warranty registration card (included with Product) must be filled out and returned to the Company by the original owner within ten (10) business days of purchase.

This warranty does not cover:

- Replacement parts or labor furnished by anyone other than the Company, the selling dealer, or a service technician certified by the Company.
- Defects or damage caused by labor furnished by someone other than Company, the selling dealer, or a certified Company service technician.
- Any malfunction or failure in the Product caused by product misuse, including, but not limited to, the failure to provide reasonable and required maintenance or any use that is inconsistent with the Product User Manual.

COMPANY SHALL NOT BE LIABLE IN ANY EVENT FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some locations do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
To obtain service from Company or the selling dealer under this warranty:

1. A written claim must be made within the warranty period to the Company or the selling dealer. Written claims made to the Company should be sent to:

   Chattanooga Group
   4717 Adams Road
   Hixson, TN 37343 USA
   1-800-592-7329 USA
   1-423-870-2281
   1-423-875-5497 USA FAX
   +1 423-870-7200 OUTSIDE USA
   +1 423-870-2046 OUTSIDE USA FAX
   chattgroup.com

   and

2. The Product must be returned to the Company or the selling dealer by the owner.

This warranty gives you specific, legal rights and you may also have other rights which vary from location to location.

The Company does not authorize any person or representative to create for it any other obligation or liability in connection with the sale of the Product.

Any representation or agreement not contained in the warranty shall be void and of no effect.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

EC REP

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