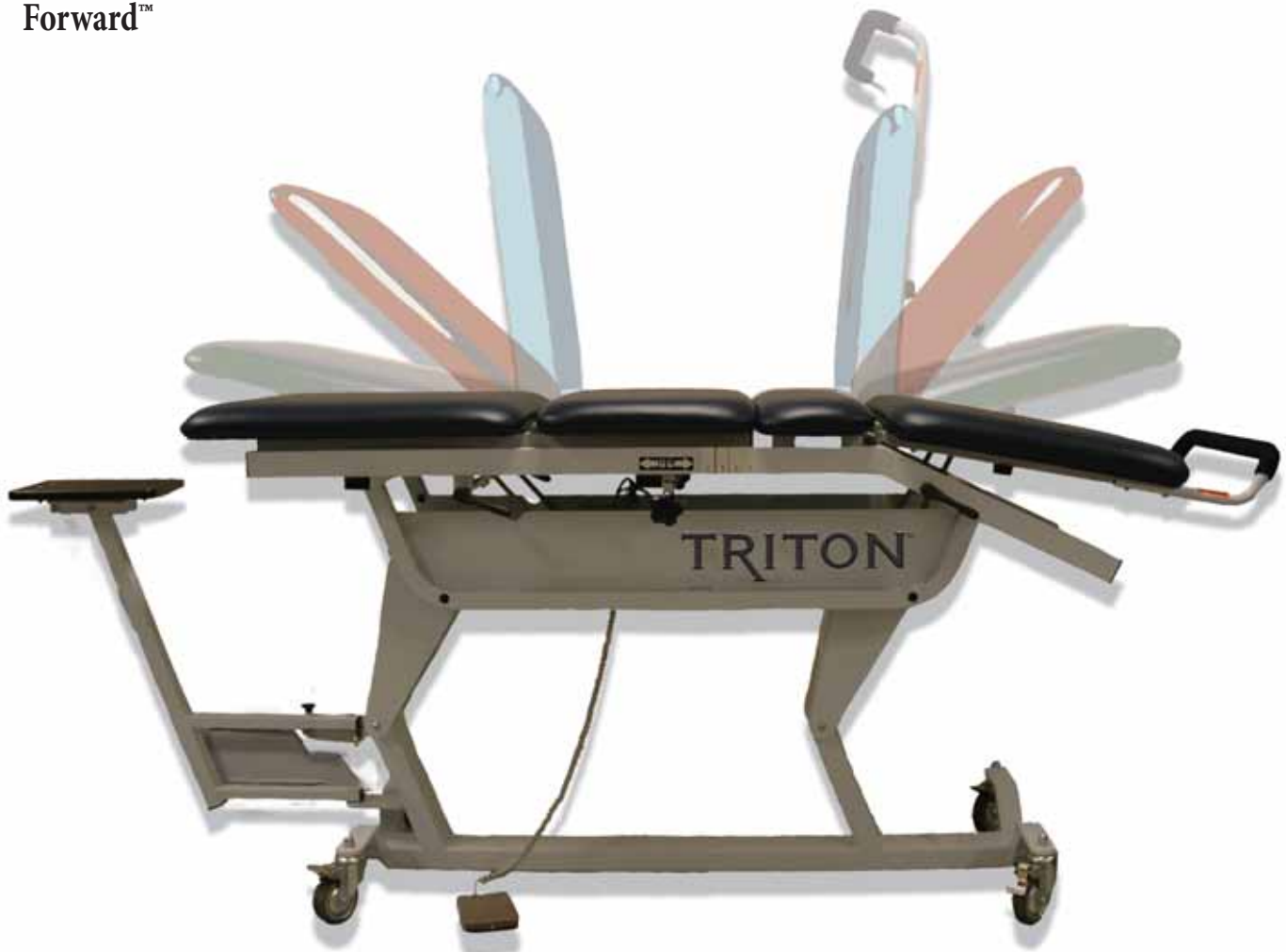


# TRITON<sup>®</sup>

## ***SERVICE MANUAL***

Moving  
Rehabilitation  
Forward™



ISO 13485 Certified

Model TRT550 ..... 110 - 130V

Model 5840..... 110 - 130V  
and 220V - 240V

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Read, understand, and follow all safety precautions and information contained in the manual. This information is intended to be used by trained and certified Chattanooga Group technicians.

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 all Field Technicians stay informed and trained on all changes pertaining to the Triton Traction Table. As significant changes occur to the table, service bulletins may be made available on our web site ([chattgroup.com](http://chattgroup.com)) in lieu of reprinted manuals.

Technicians repairing the Triton Traction Table agree to assume all risk and liability associated with this process.

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

## 1.1 PRECAUTIONARY INSTRUCTIONS

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

#### 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

#### WARNING –

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

### DANGER

#### DANGER –

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



Text with a “Dangerous Voltage” indicator serves to inform the technician of possible hazards resulting in the electrical charge disbursement from certain components if handled or serviced improperly.

#### NOTE –

Throughout this manual, “NOTE” may be found. These Notes are helpful information to aid in the particular area or function being described.

### 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 all precautionary and operational decals placed on the table.
- 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 connecting and disconnecting this table to the Mains power. 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 140° F (60° C), with relative humidity ranging from 30% - 80%.
- Do not exceed patient lifting capacity of 300 lbs (136 kg).
- Support the table section(s) with both hands when making any adjustments.
- Inspect cables and connectors before each use.

## 1.1 PRECAUTIONARY INSTRUCTIONS (CONTINUED)



### CAUTION

- The tool, lubrication and locking compound requirements listed are critical to proper maintenance and repair of the table.
- Failure to use and maintain the table and its accessories in accordance with the instructions outlined in this manual will render the warranty void.



### WARNING

- This device should be used only under continued supervision of a licensed practitioner.
- Make certain the unit is electrically grounded by connecting only to a grounded electrical service receptacle conforming to the applicable national and local codes.
- Care must be taken when operating this equipment adjacent to or stacked with other equipment. Potential electromagnetic or other interference could occur to this or other equipment. Try to minimize this interference by not using other equipment in conjunction with it, (i.e. cell phones, etc.)
- Do not leave the table unlocked and unattended at any time.
- Never place your hands or feet near the working mechanism of the table when making adjustments to height or table sections.
- Use only accessories that are specially designed for the Triton Traction Table. Do not use accessories manufactured by other companies with the Triton Traction Table. 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 Triton Traction Table.



### WARNING

- When making adjustments to the table sections, make certain the patient's weight is supported before adjusting.
- Do not lift the table by the head section.
- Never transport a patient on the Triton Traction Table. This table is not designed to support a patient during transport.
- Do not smoke on or around table.
- Do not allow any unsupervised patient access to the traction table.
- The table sections 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 table is ascending or descending.
- This table should only be operated under the supervision of a licensed medical practitioner that is familiar with the precautionary measures and operational functions associated with the table being used.
- Do not use a damaged Mains Power Cord. Using a damaged Mains Power Cord may cause table damage, malfunction, electrical shock, fire, or personal injury. If the Mains Power Cord becomes damaged, discontinue use immediately and contact the dealer for replacement of the Mains Power Cord.
- Disconnect the table from the power source before attempting any maintenance, installation, removal, or replacement procedures to prevent electrical shock and possible damage to the table.

## 1.1 PRECAUTIONARY INSTRUCTIONS (CONTINUED)



### DANGER

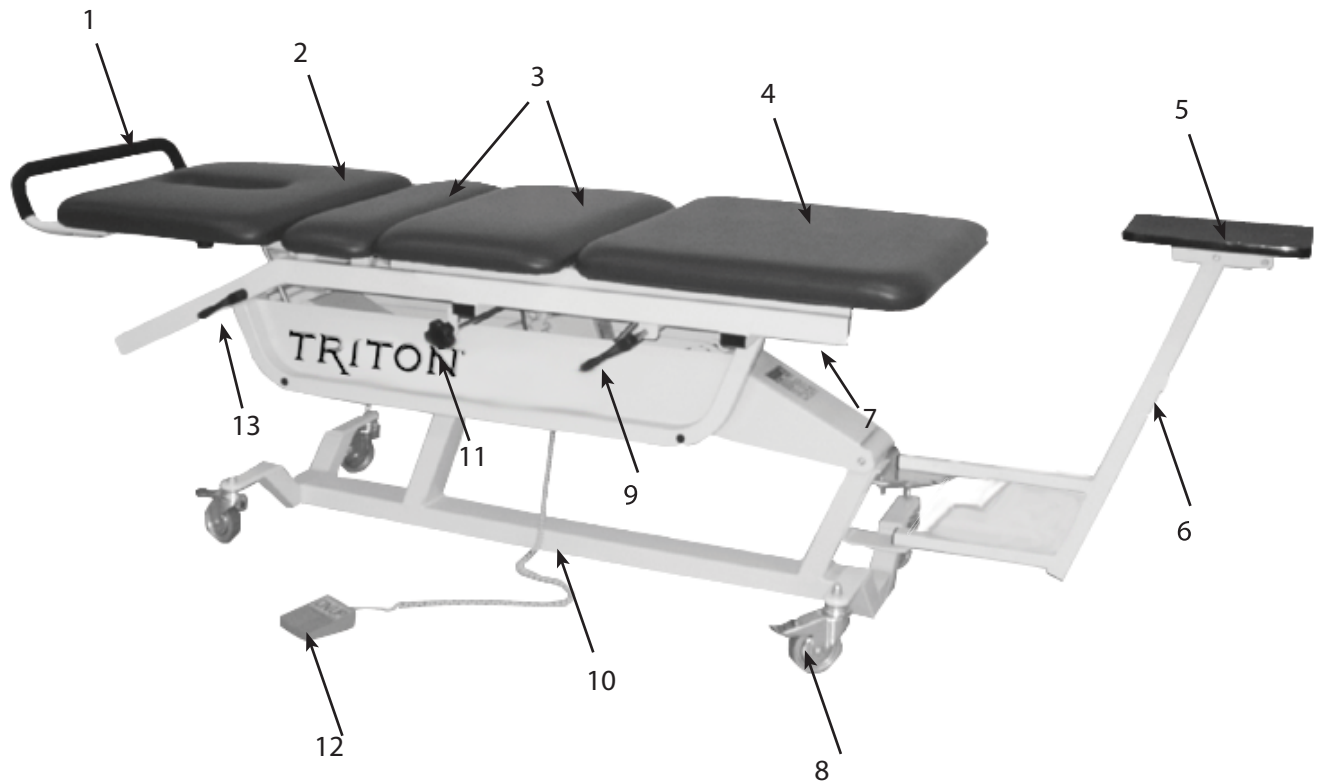


- Do not connect the table to an electrical supply without first verifying that the power supply is grounded and of the correct voltage. Use of an electrical supply that is not grounded and/or of the incorrect voltage may cause table damage, malfunction, electrical shock, fire, or personal injury. Your table was constructed to operate only on the electrical voltage specified on the Voltage Rating and Serial Number Plate. Contact the Chattanooga Group dealer if the table is not properly rated.
- Do not allow any person, object, or device to be under the table while the table is in operation.

### 2.1 TRITON TRACTION TABLE EXTERNAL COMPONENTS

The nomenclature graphic below, Figure 2.1, indicates the general location of the major components of the Triton Traction Table.

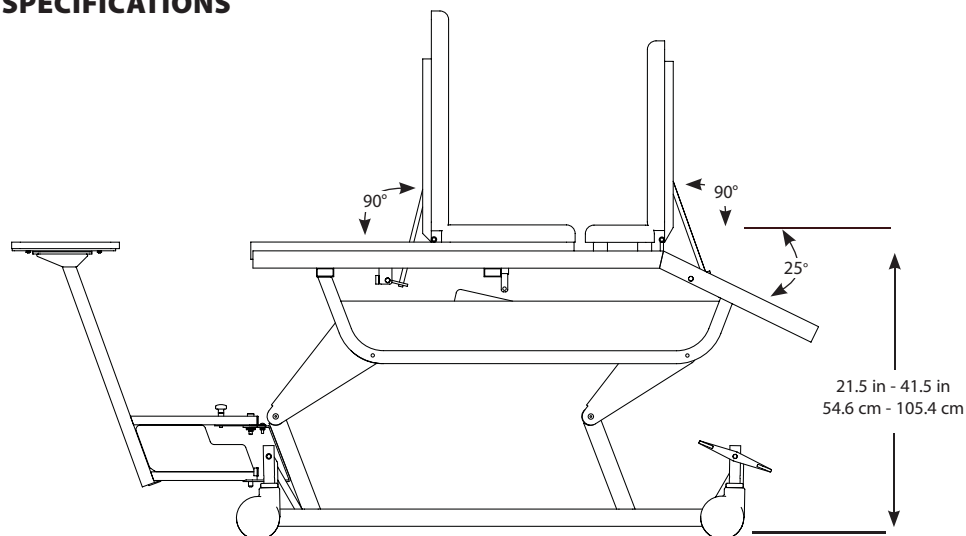
Know the components and their functions before performing any operation of or service to the Triton Traction Table.



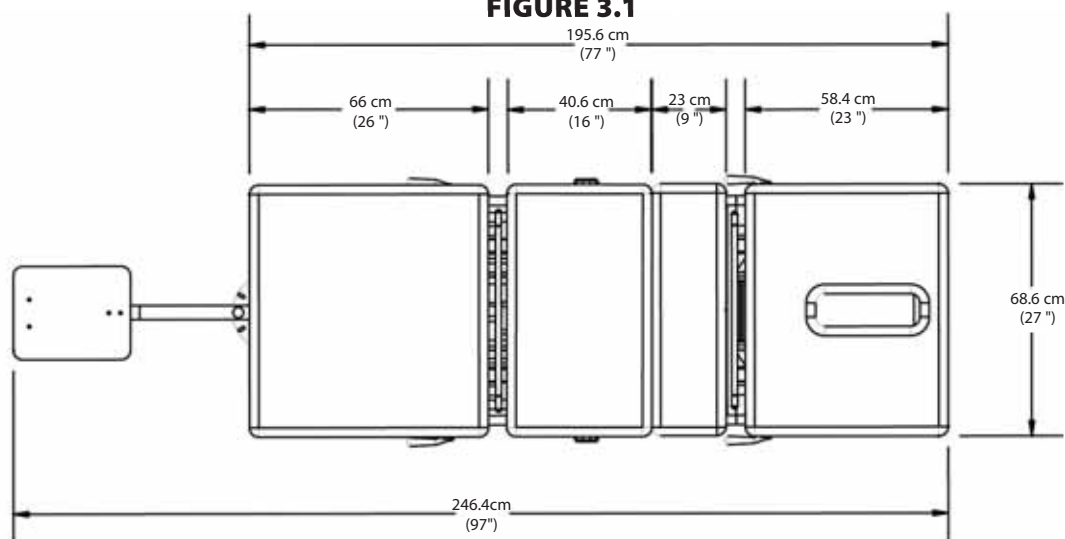
**FIGURE 2.1**

- |                                    |                               |
|------------------------------------|-------------------------------|
| 1. Grab Bar                        | 11. Mid Section Lock Release  |
| 2. Head Section                    | 12. Foot Control              |
| 3. Mid Section                     | 13. Head Section Lock Release |
| 4. Lower Section                   |                               |
| 5. Traction Unit Mount             |                               |
| 6. Traction Unit Stand             |                               |
| 7. Upper Frame                     |                               |
| 8. Lockable 4 " (10.16 cm) casters |                               |
| 9. Lower Section Lock Release      |                               |
| 10. Lower Frame                    |                               |

## 3.1 PHYSICAL SPECIFICATIONS





**FIGURE 3.1**



**FIGURE 3.2**

## 3.2 TABLE SPECIFICATIONS

Operation	120 V	230 V
Rated Frequency	50/60 Hz	50/60 Hz
Current	1.6 A	1.0 A
Power Input	200 W	230 W
Fuses	1.6 A (Non-serviceable)	1.0 A (Non-serviceable)
Patient Lifting Capacity	136 kg (300 lbs)	136 kg (300 lbs)
Patient Structural Capacity	182 kg (400 lbs)	182 kg (400 lbs)
Protected	Class 1, Type B 	Class 1, Type B 
Duty Cycle	10%	10%
Table Length (Head to Toe)	195.6 cm (77")	195.6 cm (77")



Classified by Intertek Testing Services NA Inc.  
 Conforms to UL Standard 60601-1  
 Certified to CAN/CSA Standard C22.2 No. 601.1-M90  
 w/A2



Meets Directive 93/42/EEC.  
 Compliant to IEC/EN 60601-1, IEC  
 60601-1-2



## 3.3 CONTROLLER SPECIFICATIONS

	110 - 130 V CONTROLLER	220 - 240 V CONTROLLER
Rated Frequency	50/60 Hz	50/60 Hz
Maximum Current In	2.7 A	1.5 A
Power Input	200 W	230 W
Fuses	1.6 A - (Non serviceable)	1.0 A - (Non serviceable)
Duty Cycle	10%	10%

## 4.1 TRITON TRACTION TABLE TROUBLESHOOTING

### A. General- Electronic

1. Information within this section in respect to electronic components is intended to help with troubleshooting of the Controller and Actuator.
2. Techniques are provided to determine whether or not 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 table 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 the 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

- Multimeter
- 3/16" Combination Wrench
- 9/16" Combination Wrench
- 1/2" Combination Wrench
- T-20 TORX Wrench
- Flathead Screwdriver
- Pliers
- 3/16" Allen Wrench
- 1/8" Allen Wrench
- 3/16" Pin Punch
- Hammer

## 4.2 VISUAL INSPECTION

### A. General

Inspect all four cushions of the table to verify that they are in good condition without rips or tears.

Raise the table to full height by pressing the UP side of the foot control.

Unplug the table from the Mains power before continuing the inspection.

Inspect the two springs under the head and lower sections to verify that they are attached to the lock rod assembly and the frame.

Inspect the large spring under the lower section to verify that it is connected to the inner frame and the Gullwing base.

While holding the head section, lift the lock rod assembly handle and verify that the cushion moves up and down. Release the handle to verify that the lock engages. Repeat this process while holding the leg section and verify that the cushion moves upward and that the lock will engage.

Toward the center of the table, inspect the mechanical lock. Turn the knob clockwise to disengage and counter clockwise to engage. Verify that the teeth on the lock and gear rack fit properly.

With the Mechanical lock disengaged, apply pressure to the two cushions of the mid section pushing the cushions away from each other. Verify that separation between these cushions occurs.

Inspect the four locking casters on the base of the table. Press the level on each of the casters upward to unlock. Verify that the table moves. Engage each of the locks individually by pressing down each lever. Attempt to move the casters and verify that the lock is holding.

Plug the table into the Mains power. Press the DOWN side of the foot pedal to verify that the table lowers.

## 4.3 ELECTRICAL SAFETY

This table has been tested to UL 60601-1, Standard for Safety for Medical Equipment.



## WARNING

It is the responsibility of the user to verify that the table meets the safety and health practices determined by UL 60601-1 and your facility or regulatory agency.

### A. Power Requirements

Model TRT550..... Input : 120 VAC  
50/60 Hz, 5A

Model 5840..... Input : 120 VAC  
and 230 VAC  
50/60 Hz, 3A

### B. Test Specifications

#### 1. Equipment Required as per UL 60601-1

**NOTE:** Any indicating device (ohmmeter, battery-and-buzzer combination, or the like) may be used to determine compliance with the grounding continuity requirements in DVB.2.1 and DVE.2.1.1 of UL 60601-1.

## 4.4 GROUND CONTINUITY

As per UL 60601-1 .....Achieve Continuity

## 4.5 HI- POT TEST

In accordance with UL 60601-1 Method A

## 4.6 LEAKAGE

120 V .....100 µA  
240 V .....300 µA

**NOTE:** Ground Continuity and Leakage tests are performed to verify that the table meets the requirements listed.

Test methods must comply with UL 60601-1.

Continuity testing should occur between the conductive parts of the product and the ground/ earth wire of the line cord or ground terminal.

Leakage testing should be performed on the protective, earth or ground conductor, the enclosures and any devices that are patient - connected.



Classified by Intertek Testing Services NA Inc.

Conforms to UL Standard 60601-1

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



Meets Directive 93/42/EEC. Compliant to IEC/EN 60601-1, IEC 60601-1-2

## 4.7 FOOT SWITCH CONTINUITY TEST

### A. Output..... 40 V

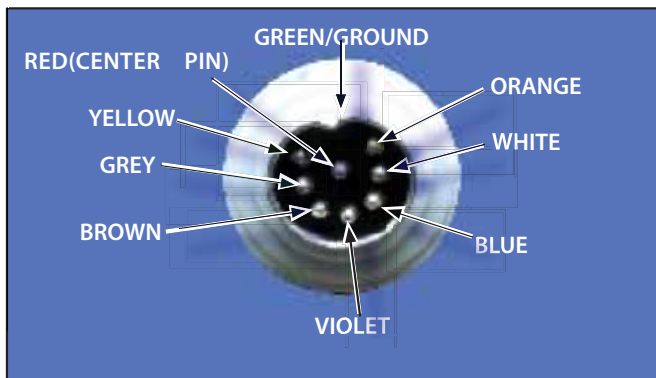
The wire configuration for the single channel foot switch is as follows:

#### (SEE FIGURE 4.1)

Green/Ground .....UP

Orange.....DOWN

Red .....COMMON



**FIGURE 4.1**

### B. Equipment Required

- Multimeter

1. Set the multimeter to  $\Omega$  in Audio. The meter will beep when continuity is achieved.
2. Unplug the table from the Mains power.
3. Unplug the foot control from the Controller.
4. Press and hold the UP button on the left side of the foot control.
5. While pressing the foot control, touch the black lead wire from the multimeter to the RED pin on the foot control and the red lead wire to the metal casing (GREEN). If the up function of the foot control is working the multimeter will beep. **(SEE FIGURE 4.1).**
6. Press the DOWN or right side of the foot control.
7. While pressing foot control, touch the black lead wire to RED pin and the red lead wire to ORANGE pin. If the down function of the foot control is working the multimeter will beep.

### C. Test Results

If the multimeter beeps after the lead wires are positioned in steps 5 and 7, the foot switch has continuity and should be functional.

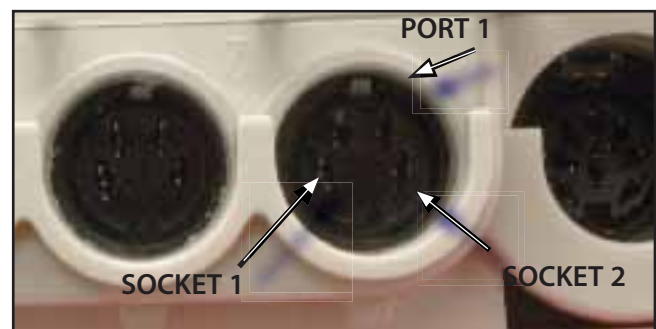
**NOTE:** When using a multimeter without an audio continuity setting the ohms reading should be less than one ohm when using a calibrated multimeter.

## 4.8 LINAK CB09 CONTROL BOX TEST

### A. Tests

1. Release the glide lock on the table. Separate the cushions of the mid section and place a rubber stopper or a block between the upper frame and the closest metal bracket on the lower frame. This will allow easier removal of the third cushion.
2. Unplug the table from the Mains power.
3. Remove the four screws holding the third cushion in place and remove the cushion, allowing easy access to the controller.

**NOTE:** FIGURE 4.2 shows the DIN plug output socket from the CB09. Socket 1 and Socket 2 are used to test the functionality of the control box.



**FIGURE 4.2**

4. Set the multimeter to the DC Voltage mode. This mode will allow the multimeter to measure the DC output voltage of the Controller.
5. Plug the table back into the Mains power.
6. Insert the two multimeter lead wires into Sockets 1 and 2. The color and location do not matter to the test.
7. Press and hold one of the buttons on the foot control.

### B. Test Results

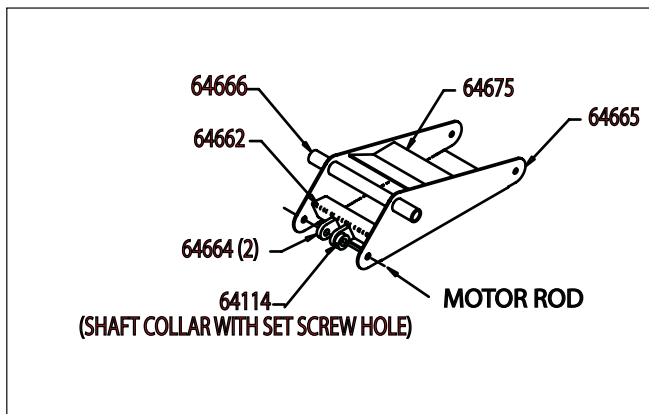
If the controller is working correctly, the DC voltage should be approximately 40 volts.

### 4.9 ACTUATOR

The Actuator is tested through the process of elimination. If the foot control and the Controller are tested and are functioning correctly, the actuator is the likely cause of failure.

### 4.10 SQUEAKING

- A. Should squeaking occur when the table is being raised or lowered, the linkage shaft may be turning or there is not enough lubrication on the motor rods.
- B. Tables built prior to October 2002 do not have a shaft collar with a set screw hole installed on the Linkage Assembly **(SEE FIGURE 4.3)**. Verify whether or not the table was built with the collar shaft installed.
- C. If the tables have collar shafts, lubricate the motor rods **(SEE FIGURE 4.3)**.
- D. Tables without collar shafts will require installation of the Squeak Kit, part number 12676. Installation instructions are provided in the kit.



**FIGURE 4.3**

## 4.11 PROBLEM SOLVING

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDIES
Actuator cannot be heard and the table will not move up and down.	<ul style="list-style-type: none"> <li>- Connection from the Actuator to the control box.</li> <li>- Internal component of the control box damaged.</li> <li>- Actuator cable damaged.</li> <li>- Foot control damaged.</li> </ul>	<ul style="list-style-type: none"> <li>- Verify that the connection is well seated.</li> <li>- Replace the Controller.</li> <li>- Replace the Actuator.</li> <li>- Replace the foot control.</li> </ul>
Actuator will not lift the required weight.	<ul style="list-style-type: none"> <li>- Internal components of the Actuator damaged.</li> </ul>	<ul style="list-style-type: none"> <li>- Replace the Actuator.</li> </ul>
Actuator can be heard, but the piston rod does not move in and out.	<ul style="list-style-type: none"> <li>- Internal component of the actuator damaged.</li> <li>- Excessive load.</li> </ul>	<ul style="list-style-type: none"> <li>- Replace the Actuator.</li> <li>- Check the weight limit.</li> </ul>
Actuator runs very slowly or insufficiently.	<ul style="list-style-type: none"> <li>- Inadequate Mains power.</li> <li>- Damaged cable to the Mains power.</li> </ul>	<ul style="list-style-type: none"> <li>- Check Mains voltage.</li> <li>- Check cable for continuity.</li> </ul>
Power light on Controller does not light up.	<ul style="list-style-type: none"> <li>- Not connected to the Mains.</li> <li>- Internal component of the Controller damaged.</li> </ul>	<ul style="list-style-type: none"> <li>- Connect to Mains.</li> <li>- Replace Controller.</li> </ul>
Controller power indicator lights up and relays inside of the Controller click, but the table does not go up and down.	<ul style="list-style-type: none"> <li>- Actuator plug is not correctly pushed into the Controller.</li> <li>- Defective Actuator.</li> <li>- Defective Controller.</li> </ul>	<ul style="list-style-type: none"> <li>- Properly seat the Actuator plug into the Controller.</li> <li>- Replace the Actuator.</li> <li>- Replace the Controller.</li> </ul>
Table does not move when the foot switch is pressed and the relay is repeatedly clicking.	<ul style="list-style-type: none"> <li>- Defective foot switch.</li> </ul>	<ul style="list-style-type: none"> <li>- Replace the foot control.</li> </ul>
No power to the table.	<ul style="list-style-type: none"> <li>- Not connected to Mains.</li> <li>- Cable to Mains defective.</li> </ul>	<ul style="list-style-type: none"> <li>- Connect to Mains.</li> <li>- Check continuity of cable.</li> </ul>
Table will not lock or Lock knob spins and will not lock.	<ul style="list-style-type: none"> <li>- Mechanical lock broken.</li> <li>- Set screw on the mechanical lock is loose.</li> </ul>	<ul style="list-style-type: none"> <li>- Replace mechanical lock.</li> <li>- Tighten set screw.</li> </ul>
Cushions will not glide.	<ul style="list-style-type: none"> <li>- Glide spring missing.</li> <li>- Glide spring not attached.</li> </ul>	<ul style="list-style-type: none"> <li>- Install glide spring.</li> <li>- Attach glide spring to board or frame.</li> </ul>
Table is fully extended and will not lower during treatment.	<ul style="list-style-type: none"> <li>- Possible excessive load.</li> </ul>	<ul style="list-style-type: none"> <li>- Remove load to lower.</li> </ul>



## WARNING

Unplug the unit from the power source before attempting removal or replacement procedures to prevent electrical shock.

### 5.1 FOOT CONTROL REMOVAL AND REPLACEMENT

The foot control is replaced by simply unplugging the old foot control and plugging in the new foot control.

A. Part Number .....66898

B. Equipment Required ..... None

### 5.2 CONTROLLER REMOVAL AND REPLACEMENT

A. Part Number .....95353 (110 - 130V)

Part Number .....95355 (220 - 240V)

#### B. Tools and Equipment Required

- 3/16 " Combination Wrench
- T-20 TORX Wrench
- Flathead Screwdriver

#### C. CB09 Controller Removal

1. Unplug the table from the Mains power.
2. From the head section of the table, remove the left side panel **(REFER TO FIGURE 5.1).**
3. To remove the side panel, insert the flat blade of a screw driver into the slot under the center pin of the four fasteners and push the pins out. Once the pins are pushed out, the fasteners are easily removed.
4. Push the side panel toward the center of the table and slide out the side panel from behind the frame.
5. Unplug the foot control and the mains power cable from the Controller.
6. Insert a flathead screwdriver into the red slot on the side of the Mains plug. Upward pressure on the plug will assist with removal **(REFER TO FIGURE 5.2).**
7. Remove the set screw, part number 68227, that holds the Controller onto the Actuator using a T-20 TORX wrench **(REFER TO FIGURE 5.3).**
8. Slide the controller toward the end of the table to remove.



FIGURE 5.1



FIGURE 5.2



FIGURE 5.3



## 5.3 ACTUATOR REMOVAL AND REPLACEMENT

A. Part Number .....65983

### B. Tools and Equipment Required

- T-20 TORX Wrench
- 1/2" Combination Wrench
- Hammer
- 3/16" Pin Punch
- 3/16" Allen Wrench
- 1/8" Allen Wrench

### C. Actuator Removal

1. Unplug the table from the Mains power.
2. Unplug the foot control and the Mains power plug from the Controller.
3. Using at least two people, lay the table on its side.
4. Using a 1/2" Combination wrench and a 3/16" Allen wrench, remove the nut and bolt that hold the main body of the Actuator to the table frame (**REFER TO FIGURE 5.4**).
5. Remove the shaft collars, part number 87616, from both ends of the motor rod, part number 65312 (**REFER TO FIGURE 5.5**).
6. With the 1/8" Allen wrench, remove the set screw that holds the motor rod in place.
7. Using a hammer and a Pin Punch, tap the motor rod until it is free from the frame and the Actuator (**REFER TO FIGURE 5.6**).

**NOTE:** If the motor rod is not accessible, the base can be moved to allow access.

8. Remove the Actuator and the Controller.
9. Using the T-20 TORX wrench, loosen the screw that holds the Controller to the Actuator and slide off the Controller (**REFER TO FIGURE 5.2**).

**NOTE:** If the Actuator mounting holes do not line up, the control box, foot control and power cord can be connected to adjust the actuator length. Disconnect the power cord and the foot switch after adjustment.

10. Reverse these steps for installation of the Actuator.



**FIGURE 5.4**



**FIGURE 5.5**



**FIGURE 5.6**



### 5.4 MECHANICAL LOCK REMOVAL AND REPLACEMENT

A. Part Numbers ..... 67372

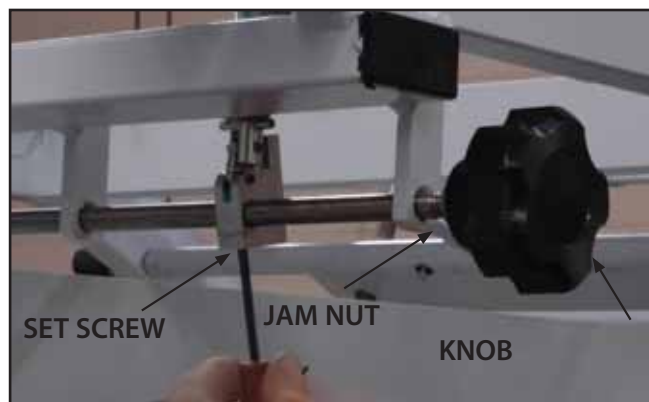
#### B. Tools and Equipment Required

- 1/8" Allen wrench
- 9/16" Combination Wrench

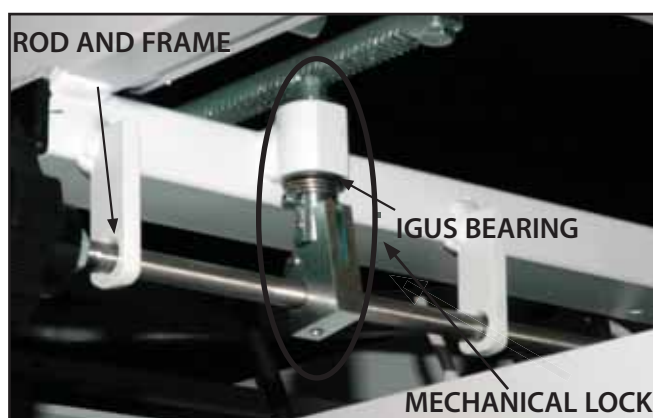
#### C. Locking Mechanism Removal and Replacement

1. Remove the knob, part number 61659, from the end of the rod, part number 61102, closest to the mechanical locking mechanism **(REFER TO FIGURE 5.7)**.
2. Remove the jam nut, part number 21745.
3. On the under side of the locking mechanism remove the set screw, part number 60013, that secures the locking mechanism to the rod **(REFER TO FIGURE 5.7)**.
4. Slide the end of the rod closest to the locking mechanism through the frame. Drop the rod down releasing it from the Igus Bearing **(REFER TO FIGURE 5.8)**.
5. Slide the locking mechanism off the end of the rod.
6. Reverse these steps for installation of the mechanical lock.

**NOTE:** Before tightening the set screw, verify the teeth of the locking mechanism are correctly positioned between the teeth on the gear rack, part number 61104.



**FIGURE 5.7**



**FIGURE 5.8**

### 6.1 CLEANING

After each use, clean the table using a soft cloth dampened with water and a mild antibacterial detergent. Do not use abrasive cleaners or cleaners containing d-limonene.

### 6.2 LUBRICATION

The parts listed below should be lubricated as needed throughout the life of the table.

The Mechanical Lock Assembly shown circled on page 16. Part numbers 55782, 65142, and 65254 which can be seen on page 21. Part number 65141 also shown on page 21 should be lubricated as needed on the shaft and ends of the rod.

**NOTE:** To lubricate the table, use a type of grease (e.g., lithium grease) or a 3-in-1 oil. Do not use WD-40 or a similar type of lubricant.

### 6.3 SERVICE

This information pertains to **Warranty** and **Non Warranty Repairs**.

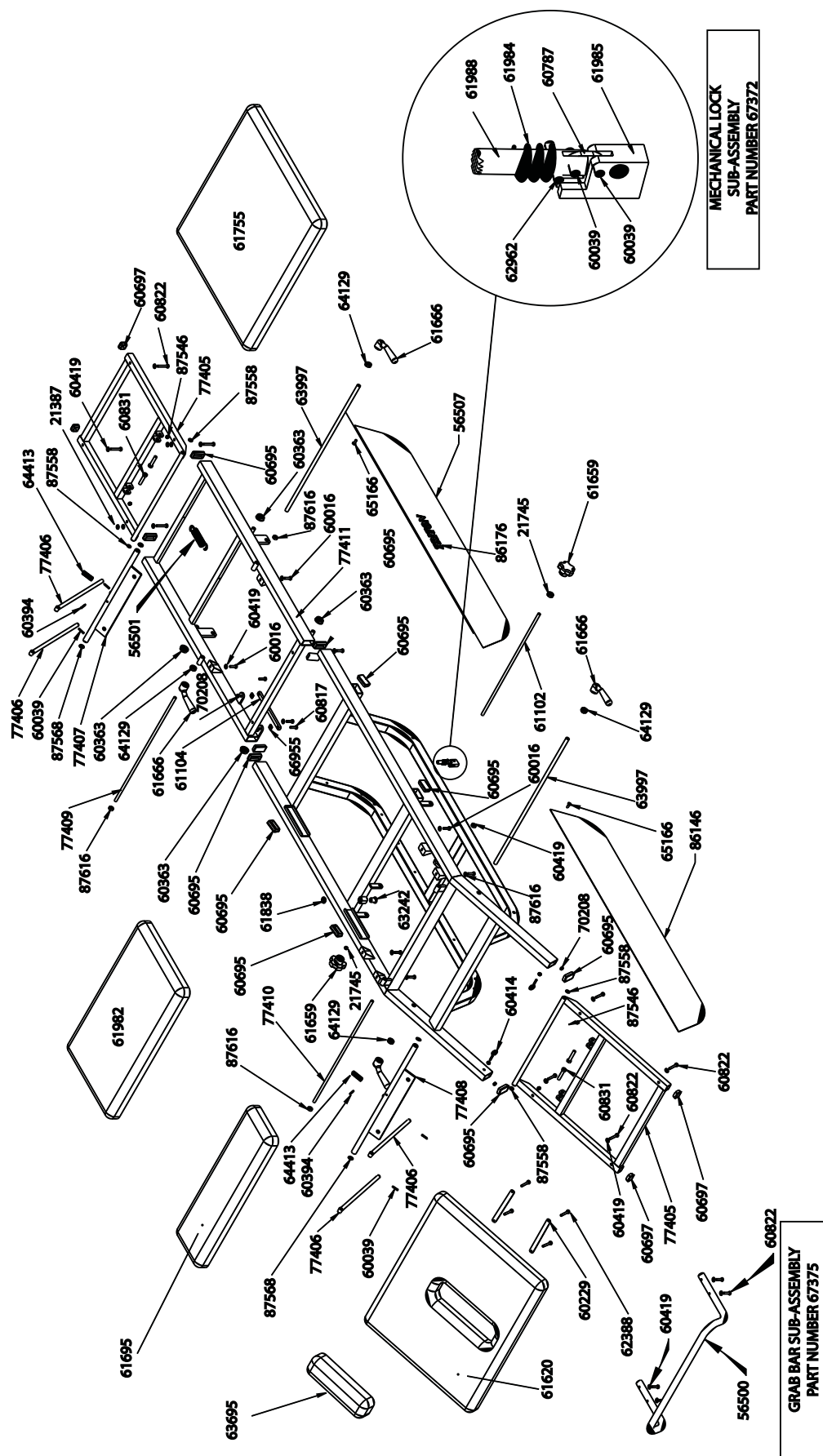
Should the Triton Traction Table require service, contact the selling dealer or Chattanooga Group Service Department. The following information must be provided for units requiring service.

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 information
  - Detailed Description of Problem or Symptoms
2. Copy of original invoice issued at purchase of the unit.

3. Contact your dealer or Chattanooga Group for service instructions.

4717 Adams Road  
Hixson, TN 37343 USA  
1-423-870-2281  
1-800-592-7329 USA  
1-423-875-5497 USA Fax  
1-800-494-3395 Service USA  
1-800-361-6661 Canada  
+1-423-870-7200 Outside USA  
+1-423-870-2046 Outside USA Fax

## 7.1 FINAL ASSEMBLY

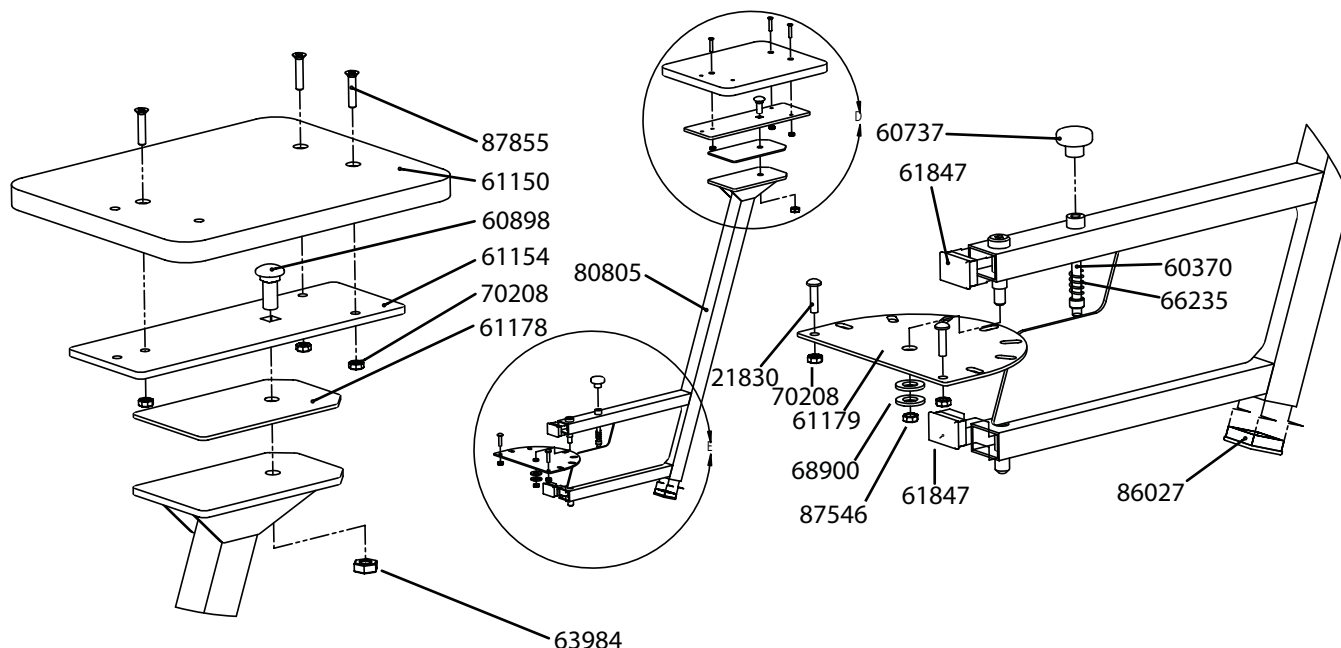


## 7.1 FINAL ASSEMBLY (CONTINUED)

PART NO.	DESCRIPTION	QTY.
21387	WASHER 1/4 FLAT PLATED	4
21830	SCREW 1/4 - 20X1 RD HD PHILL PL	2
51065	GRIPS 36" GRAB ONS BLACK	1
56500	BAR TRACTION PNT	1
56501	SPRING EXTENSION LE - 125L -03M	1
56504	DECAL TRACTION LOCK RH	1
56505	DECAL TRACTION LOCK LH	1
60014	BUMPER RUBBER 3/4 SQ # SJ5023	1
60016	SCREW 1/4 20X3/4 HX CP PLT INT	6
60039	PIN ROLL 5/32 X 5/8 PLATED	6
60229	BRKT NOSE PLUG TR SS	2
60394	PIN SPRING 3/16 OD X 3/4 LEN	2
60419	WASHER 1/4 LOCK STAR PLT INT	20
60695	PLUG 1 X 2 X 14GA #132BB1399 BLK	12
60697	PLUG 1 X 1 X 16GA #132- BB-1189	4
60787	LINKAGE CONNECTOR MOV LOC PL	1
60817	SCREW 1/4 - 20 X 1-1/4 HEX PLT G	2
60822	SCREW 1/4 - 20 X 1-3/4 H HD CAP	14
60831	SCREW 3/8 - 16X1 - 3/4 HEX HD PL	4
61102	ROD SS 3/8X26.125 TR - 24 POL	1
61104	GEAR RACK 3/8 X 1/2 X 7 1/2 PLA	1
61620	HEAD SECTION BOARD	1
61666	HANDLE ALUM CASTG 1/2 - 13 PNT	4
61695	FIRST MID SECTION BOARD	1
61755	LEG SECTION BOARD	1
61838	BEARING IGUS #MF0810-04	1
61982	MID SECTION BOARD	1
61984	SPRING 0718 OD X 1/2 LG NEWCOM	1

PART NO.	DESCRIPTION	QTY.
61985	BLOCK 1/2 X 1 X 1 - 5/8 PLT	1
61988	ROD 1/2 DIA X 2 - 3/8 PLT	1
62388	SCREW #10 X 1 HX W/HD PLT	4
62962	PIN SPLIT 5/32 X 1 PLT	1
62983	NUT 1/4 - 20 HEX PLT	2
63242	BEARING IGUS #MF - 0810-12	1
63695	PLUG NOSE	1
63997	ROD SS 1/2 X 26 - 1/8 TR - 24 FT	2
64113	SPRING 1/2 X 2 1/2 X .063 PLT	2
65166	FASTENER PLS BLK M30-0630-08	22
66955	WASHER RUBBER 5/8 SQ	4
67372	LOCKING MECH S/A	1
67375	GRAB BAR S/A	1
70208	NUT 1/4 - 20 ESNA	4
77405	FRAME FOOT/NOSE	2
77406	LOCK ROD ASSYT	4
77407	LOCKING DEVICE FOOT	1
77408	LOCKING DEVICE NOSE	1
77409	ROD SMALL FRAME FOOT	1
77410	ROD SMALL FRAME NOSE	1
77411	INNERFRAME	1
86146	COVER SIDE TRITON PAINTED	2
87546	NUT 3/8 - 16 ESNA	4
87558	WASHER 16FW375125 MICRO	4
87568	SPACER 16FW500062	4
87616	COLLAR SHAFT 3/8 ID PLT C37	4
70208	NUT 1/4 - 20 ESNA	4

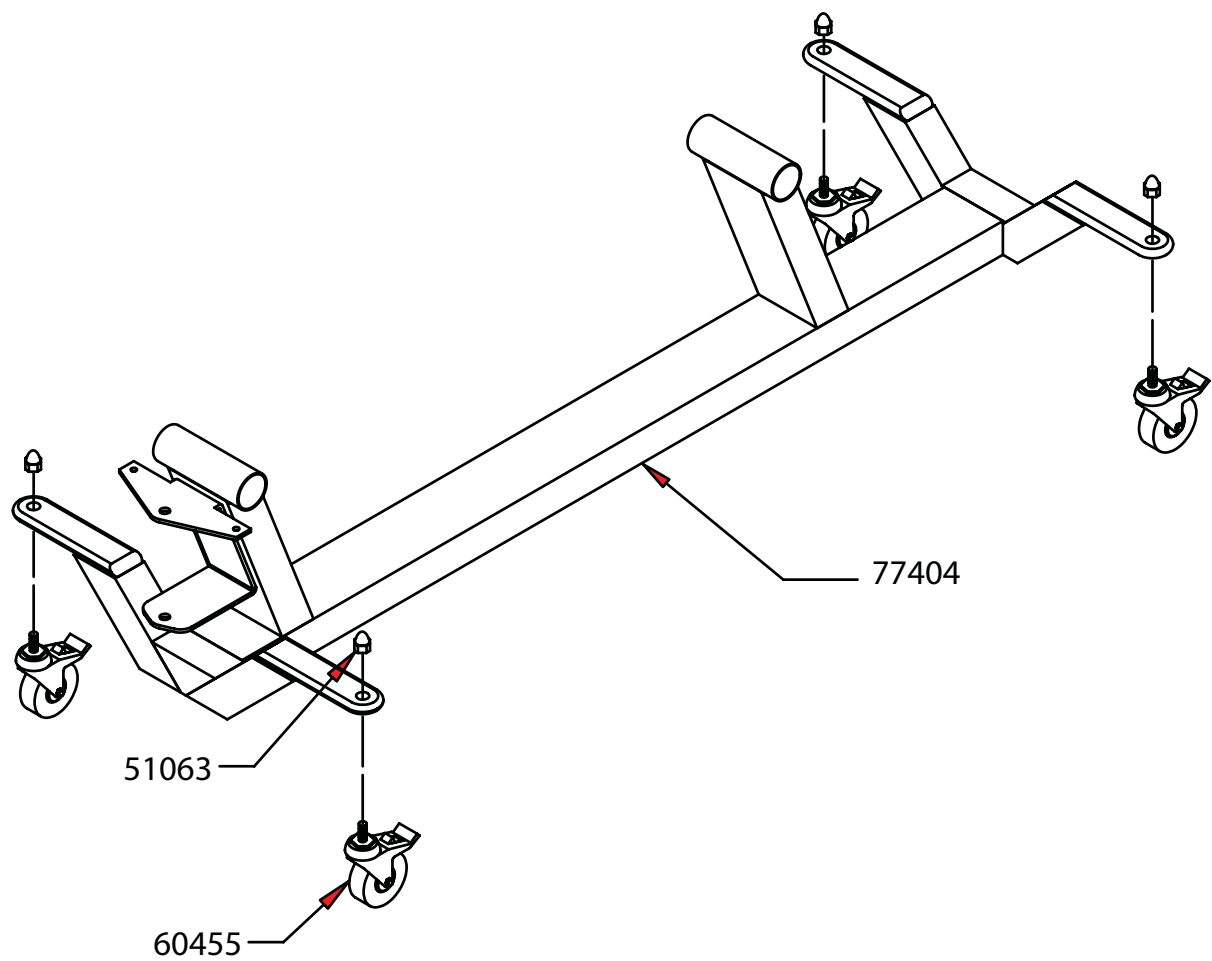
## 7.2 MACHINE STAND ASSEMBLY



PART NO.	DESCRIPTON	QTY
80803	MACHINE STAND ASSEMBLY	1
21830	SCREW 1/4 - 20 X 1 RD HD PHIL PLT	2
60370	PLUNGER ASSEM INNER PRT PLT	1
60737	KNOB 1/4 - 20 FEMALE TREAD 30	1
60898	BOLT CARRIAGE 1/2 - 13 X 1 1/4 B	1
61150	TOP MACHINE STAND	1
61154	PLATE ROTATING MACH STND PNT	1
61178	RUBBER 1/8 X 4 1/4 X 7 1/8	1
61179	BRKT PIVOT MACHINE STAND PLT	1
61847	LUG 1 X 1 -1/2 X 14G RCR - 1510 -16P	2
63984	NUT 1/2 - 13 FLEX LOCK THIN PL	1
66235	SPRING ISOLATR C0420 - 042 -088	1
68900	WASHER FLAT 13MM 93475A290	2
70208	NUT 1/4 - 20 ESNA	5
80805	MACHINE STAND WELDMENT	1
86027	PLUG 1 1/2 SQ 12GA 1011382301	1
87546	NUT 3/8 - 16 ESNA	1
87855	SCREW 1/4 - 20X1 - 1/2 FH PHIL P	3

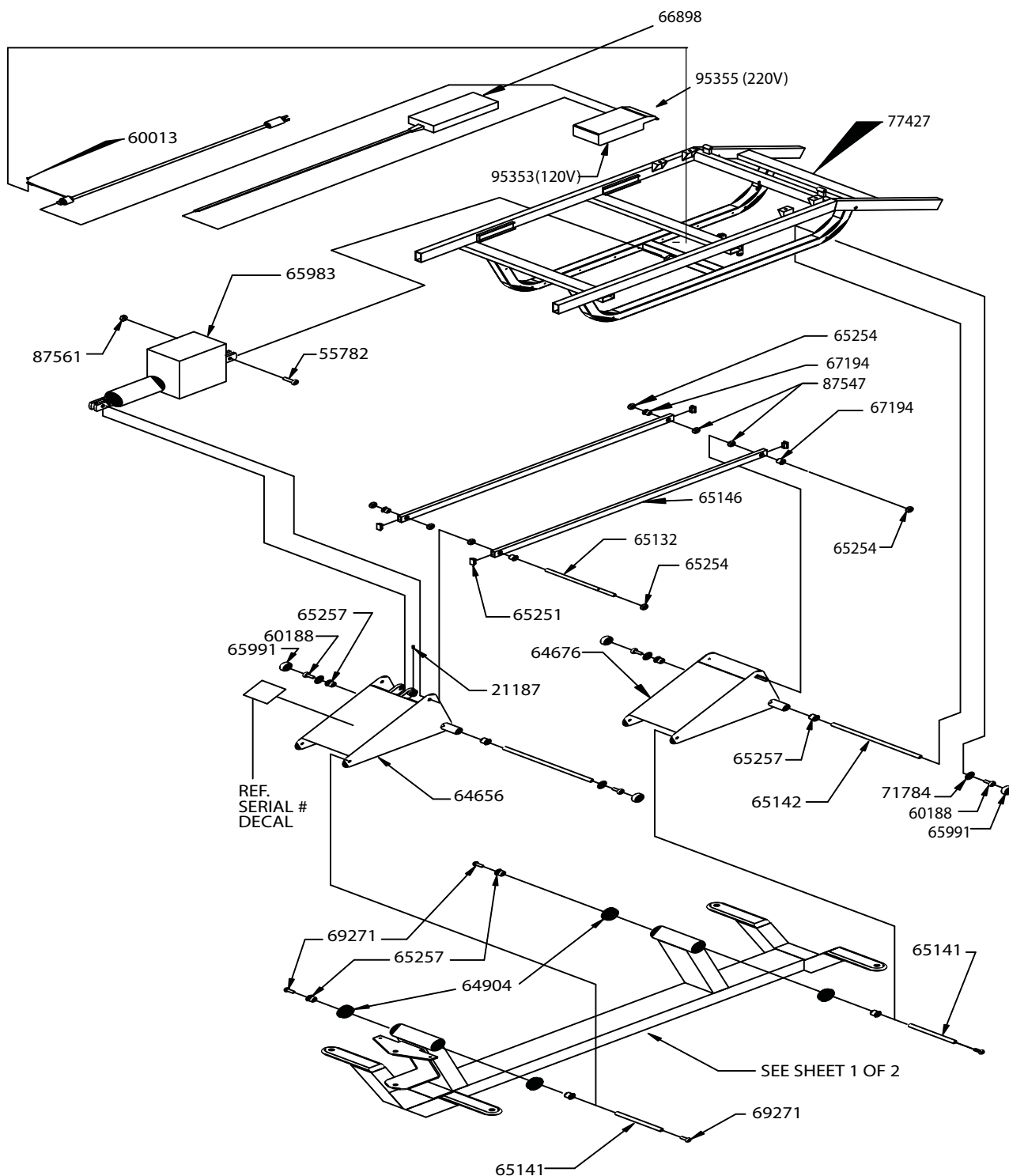
7- PARTS

7.3 GULLWING BASE 1



PART NO.	DESCRIPTON	QTY
51063	NUT 1/2 -13 ACORN HI CROWN	4
60455	CASTER 4" 2477DIK100S70 1/2 - 1	4
77404	GULLWING BASE ASSY W/TRACTION	1

## 7.4 GULLWING BASE 2



PART NO.	DESCRIPTON	QTY
21187	SCREW SETS OCCONE 1/4 - 20 X 3/8 ALL	1
55782	BOLT SHLDR 3/8 X 1-3/4 GD8 PLT	1
60013	SCREW # 8 X 3/8 HX W/HD S/M PLT	1

## 7.4 GULLWING BASE 2 (CONTINUED)

PART NO.	DESCRIPTION	QTY
60188	SCREW 3/8 - 16 X 3/4 SOC CAP BLKG	4
64656	LINKAGE FRONT ASSY	1
64676	LINKAGE REAR ASSY	1
64904	BUSHING TEE POST 2" OD ALUM	4
65132	ROD MOTOR LINKAGE SS	1
65141	SHAFT LOWER FRAME PIVOT	2
65142	SHAFT RAIL PIVOT	2
65146	TUBE TIMING LINK	2
65251	PLUG 1/2 X 1 X 16GA BLK RER	4
65254	COLLAR SHAFT 7/16 PLT	4
65257	BUSH .505 ID X 3/4 FF-723	8
65983	MOTOR LINAK LA 31-U194-00	1
65991	PLUG PLASTIC 5/8 ID 132BB1115	4
66898	FOOT CONTROL	1
67194	BUSH REAMED 7/16 X 5/8 X 5/8	4
68227	SCREW MOUNTING CB9/LA31	1
69271	SCREW 3/8 - 16 X 3/4 BT HD PLT	4
71784	WASHER LOCK 3/4 OD X 3/8 INT PL	4
77427	TOP	1
77461	BUSHING IGUS MFI - 0709 - 08	2
87547	BUSHING 13RS100060 1/2 ID X 1"O	4
87561	NUT 5/16 - 18 ESNA	1
95353	LINAK120VCBOX CB9140AE2 +001X	1
95355	LINAK 220VCBOX CB9	1



### United States of America

Chattanooga Group ("Company") warrants that the Triton Traction Table ("Product") is free of defects in material and workmanship. This warranty shall remain in effect for one year (12 months) from the date of original consumer purchase. If this Product fails to function during the one year warranty period due to a defect in material or workmanship, Company or the 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 authorized by the Company. Any modifications or repairs performed by unauthorized centers or groups will void this warranty.

#### ***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's 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  
Phone: (423) 870-2281  
Service Phone: +1-800-494-3395  
FAX: (423) 875-5497

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.**

### International

Chattanooga Group ("Company") warrants that the Triton Traction Table ("Product") is free of defects in material and workmanship. This warranty shall remain in effect for two years (24 months) from the date of original consumer purchase. If this Product fails to function during the two year warranty period due to a defect in material or workmanship, Company or the 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 authorized by the Company. Any modifications or repairs performed by unauthorized centers or groups will void this warranty.

#### ***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's 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  
Phone: +1-423-870-7200  
FAX: +1-423-870-2046

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.**



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