A WORD FROM STERIS CORPORATION

This manual contains important information on proper use and maintenance of the Amsco® 3085 SP™ Surgical Table. **All personnel involved in the use and maintenance of this equipment must carefully review and comply with the warnings, cautions and instructions contained in this manual.** These instructions are important to protect the health and safety of personnel operating a 3085 SP table and should be retained in a conveniently accessible area for quick reference.

Complete instructions for uncrating have been furnished. If missing, contact STERIS for a replacement copy, giving the serial number and model numbers of the unit.

STERIS carries a complete line of accessories for use with this table. A STERIS representative will gladly review these with you.

Indications for Use

The Amsco 3085 SP Surgical Table is a mobile, electrohydraulically operated general surgical table that provides flexible articulation of the surgical patient.

Service Information

A thorough preventive maintenance program is essential to safe and proper unit operation. This manual contains maintenance schedules and procedures which should be followed for satisfactory equipment performance.

You are encouraged to contact STERIS concerning our comprehensive Preventive Maintenance Agreement. Under the terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. STERIS maintains a global staff of well equipped, factory-trained technicians to provide this service, as well as expert repair services. Please contact your STERIS representative for details.

NOTE: A patient grounding post (male connector, DIN 42801) is provided. The female connector for patient grounding is not furnished by STERIS.

Advisory

A listing of the safety precautions to be observed when operating and servicing this equipment can be found in Section 1 of this manual. Do not operate or service the equipment until you have become familiar with this information.

Any alteration of this equipment not authorized or performed by STERIS Engineering Service which could affect its operation will void the warranty, could violate federal, state, and local regulations and jeopardize your insurance coverage.

CE

EC Authorized Representative

STERIS Ltd.
The Stable Block, Cornbury Park
Charlbury
Oxfordshire OX7 3EH
ENGLAND

Manufactured by:
STERIS Corporation
2720 Gunter Park East
Montgomery, AL 36109 • USA

TEL: 334 277 6660
FAX: 334 271 5450

Class 1 Equipment
Type B Equipment

Ordinary Equipment
(enclosed equipment without protection of ingress of water).

Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or oxygen or nitrous oxide.

Suitable for continuous use.

Manufactured Exclusively by STERIS Corporation Montgomery, AL	**ISO 9001 EN 46001 ISO 13485 Certified**

The base language of this document is ENGLISH. Any translations must be made from the base language document.

STERIS offices worldwide:

Canada	800 661 3937
Germany	49 2233 6999 400
Hong Kong	852 2 563 3623
Italy	39 0141 590429
Japan	81 78 252 1901
Korea	82 2 554 1661
Latin America	305 442 8202
Singapore	65 841 7677
Spain	34 91 658 5920
United Kingdom	44 1 608 811 822

www.steris.com

TABLE OF CONTENTS

TABLE OF CONTENTS (Continued)

LISTING OF WARNINGS AND CAUTIONS

1

The following is a listing of the safety precautions which must be observed when operating and servicing this equipment. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. These precautions are repeated (in whole or in part), where applicable, throughout the manual.

WARNING – PINCHING HAZARD:

⚠ Pinch points are created during extreme tabletop articulation. Carefully review illustrations in Figure 2-1 before operating the table.

WARNING – TIPPING HAZARD:

⚠ Do not place patient on the table unless floor locks are engaged.

⚠ Do not release floor locks while patient is on table.

⚠ Do not use this table for patients exceeding the 500-lb (226 kg) limit. The maximum safe patient weight on this table for the standard surgical positions is 500 lbs (226 kg) with floor locks engaged.

⚠ When performing surgery requiring a headrest accessory in reversed patient orientation, or when using a Fem/Pop board or the 3080/3085 Ortho Extension accessory, do not exceed 400 lbs (181 kg) patient weight.

⚠ Do not use the Fem/Pop Board with X-ray Tops for obese patients.

⚠ Foot Extension Accessory or combination of Foot Extension and Headrest Accessories from previous design Amsco tables must not be used for reverse orientation on the 3085 SP Table.

⚠ Do not use two or more Uro-Endo/Image Amplification Extension accessories together on the 3085 SP Table.

⚠ Do not articulate table with auxiliary override systems unless floor locks are engaged.

⚠ During an articulation if the table top sections contact an obstruction, the table may tip. Before lowering either the table top or individual sections, remove possible obstructions. Do not allow leg section, when lowered, to contact the floor.

⚠ Fem/Pop Board must be installed into leg section only. Board must be used to support the legs only. It is not intended to support upper body weight.

⚠ Do not use the Fem/Pop Board with patients exceeding 400 lbs (181 kg).

WARNING – EXPLOSION HAZARD:

⚠ Table must not be used in the presence of flammable anesthetics.

WARNING – TRIPPING HAZARD:

⚠ Route the power cord to the receptacle in a position so that it will not be tripped over by personnel in the area.

WARNING – PERSONAL INJURY HAZARD:

⚠ Health care professionals must ensure that patients are positioned and monitored so as to prevent compromising respiration, nerve pathways, or circulation.

⚠ When installing any table accessory, check for correct attachment and tighten securely (if appropriate). Do not use worn or damaged accessory. Check installation before using any accessory.

⚠ Do not exceed weight limit that may be specified on accessory or 500 lbs (226 kg), whichever is lower.

WARNING – PERSONAL INJURY HAZARD (continued):

⚠ Unanticipated table movement could cause patient injury. Patient must be secured to the table in accordance with recommended positioning practices.

⚠ Do not immerse any part of foot control in liquids; this could cause unanticipated table movement, leading to patient injury. Always cover control with a plastic bag before using.

⚠ If the integrity of the external protective earth conductor installation or arrangement is in doubt, operate the table from its internal power source.

WARNING – INSTABILITY HAZARD:

⚠ Stabilize table when transferring patient.

⚠ Possible patient or user injury, as well as table or accessory failure, may result from using STERIS table accessories for other than their stated purpose – or from using, on STERIS tables, accessories manufactured and sold by other companies.

⚠ Patient Transfer Board must be used as a leg support only. It is not intended to support upper body weight of a patient.

WARNING – PINCHING AND TIPPING HAZARD:

⚠ Patient injury may result if the operator of this table is not completely familiar with the controls for patient positioning and table operation.

WARNING – PERSONAL INJURY AND/OR EQUIPMENT DAMAGE HAZARD:

⚠ Safe and reliable operation of this equipment requires regularly scheduled preventive maintenance, in addition to the faithful performance of routine maintenance. Contact STERIS Engineering Service to schedule preventive maintenance.

⚠ Repairs and adjustments to this equipment must be made only by fully qualified service personnel. Non-routine maintenance performed by inexperienced, unqualified personnel or installation of unauthorized parts could cause personal injury, invalidate the warranty, or result in costly damage. Contact STERIS Engineering Service regarding service options.

WARNING – INFECTION HAZARD:

⚠ To protect against aerosols being reflected from contaminated surfaces, wear rubber or plastic gloves, masks and eye protection and follow OSHA blood-borne pathogens standards when cleaning.

WARNING – DISPOSAL HAZARD:

⚠ This product contains materials which may require disposal through appropriately licensed and permitted hazardous waste management firms.

CAUTION – POSSIBLE EQUIPMENT DAMAGE:

- When moving the table to point of use, roll it carefully at moderate speed and only over smooth floors. Maximum floor clearance is 1/4" (6 mm). Avoid door jambs, elevator jambs and obstructions greater than 1/4" (6 mm). If necessary, lift uncrated table over obstructions, onto trucks, etc. Lift table evenly and only by the table base. DO NOT transport articles (including accessories) on top of the table and DO NOT use a forklift to move the uncrated table.
- Route the hand control cord (and optional HERMES-Ready interface cord and/or optional foot control cord, if applicable) clear of any pinch points where the cord(s) could be damaged.
- The use of incorrect hydraulic oil may severely damage the table and/or cause malfunction. Contact your STERIS Service Representative for the proper oil to use.
- For HERMES-Ready tables, use the HERMES-Ready 3085 SP hand control with the blue strain relief on the plug. The standard 3085 SP hand control with a red strain relief on the plug will not connect to the HERMES-Ready table.
- Hang the hand control from side rail (or end rail) of the table when not in use, to avoid possible damage to the control.
- During some extreme articulations, the tabletop may contact the base and/or column shrouds. Take care to avoid positioning the table in such a way as to cause damage to the shrouds.
- Use caution when raising the seat section or back section while the kidney bridge is elevated. The section may contact the elevated kidney bridge and damage the bridge and/or section.
- When cleaning/disinfecting table, do not use phenolics, which may cause patient skin burns if inadequately rinsed off, or alcohol, which does not have sufficient cleaning/disinfection properties.
- When cleaning/disinfecting table, thoroughly read the cleaning fluid directions for use and follow all directions and cautions as shown.
- Do not spray cleaning fluid into electric receptacles and avoid spraying directly on override switches or into clearance space above column. Spray or drippage may settle onto electric circuits inside table causing corrosion and loss of function.
- Cleaning procedures requiring articulation of the table should be performed only by persons familiar with table operation.
- After performing cleaning procedures, ensure pads and X-ray tops are completely dry before reinstalling. Moisture trapped between pads and X-ray tops may contribute to equipment damage, such as X-ray top warpage.
- Table may cause dimpling of cushioned vinyl flooring or other soft flooring. When fully loaded, floor lock feet exert 380 psi (27 kg/cm^2) pressure on the floor.
- The table has internal switches for setting to various AC-input voltages. Improper setting of switches may damage table electrical system and/or cause improper operation of the table.

Definition of Symbols

Following is a key to symbols which may be on your table or controls.

Symbol	Definition
	Protective Earth (Ground)
	Attention, Consult Manual for Further Instructions
A	Amperage Rating of the Unit
V	Voltage Rating of the Unit
~	Alternating Current
kW	Power Rating of the Unit
Hz	Frequency of the Unit
	Equipotentiality
	Type B Equipment
	Powered by AC
	Powered by Battery
	Battery Charged
	Battery Down
	Optional HERMES-Ready System Installed
	ON
	OFF

Continued ...

Symbol	Definition
	Floor Lock (Function Touch Pad)
	Floor Lock: Lock
	Floor Lock: Unlock
	Patient Orientation (Function Touch Pad)
	Normal Orientation
	Reverse Orientation
	Trendelenburg
	Reverse Trendelenburg
	Height Up (Raise)
	Height Down (Lower)
	Tilt Left
	Tilt Right
	Back Up
	Back Down
	Leg Up
	Leg Down

Continued ...

Symbol	Definition
	Flex
	Reflex
	Level

Pinch Point Warnings

During extreme tabletop articulation, various possible pinch points exist. These points are identified in Figure 2-1. All personnel involved in tabletop positioning should examine and be aware of these points before operating the table.

⚠ WARNING - PINCHING HAZARD: Pinch points are created during extreme tabletop articulation. Carefully review the illustrations in Figure 2-1, before operating the table.

Patient Positioning

The Amsco® 3085 SP™ Table is designed to safely support a 500-lb (226 kg) patient using standard surgical positions shown. See Figure 2-2 for general positioning guidelines.

⚠ WARNING – TIPPING HAZARD: Do not place patient on the table unless floor locks are engaged.

⚠ WARNING – TIPPING HAZARD: Do not release floor locks while patient is on table.

⚠ WARNING – TIPPING HAZARD: Do not use this table for patients exceeding the 500-lb (226 kg) limit. The maximum safe patient weight on this table for the standard surgical positions is 500 lbs (226 kg) with floor locks engaged.

⚠ WARNING - TIPPING HAZARD: When performing surgery requiring a headrest accessory in reversed patient orientation, or when using a Fem/Pop board or the 3080/3085 Ortho Extension accessory, do not exceed 400 lbs (181 kg) patient weight.

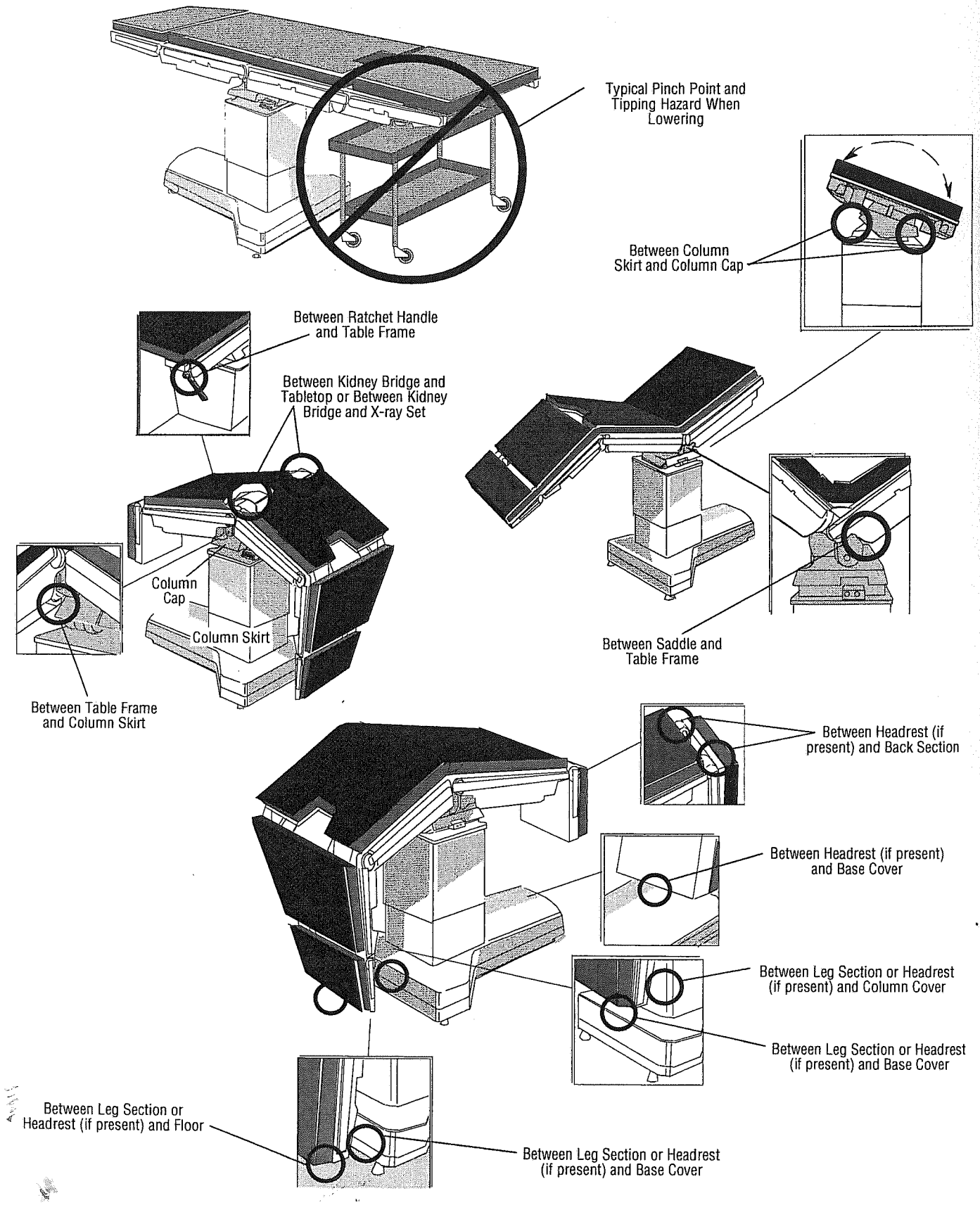


Figure 2-1. Pinch Points

» Prevent Possible Tipping

Do not exceed 500 lbs (226 kg) maximum patient weight.

Do not place patient on the table unless floor locks are engaged.

Do not release floor locks while patient is on table.

Do not attempt to move table while patient is on it.

Do not extend (lengthen) the patient support surface beyond that shown (refer to Figure 2-2), unless using a STERIS table accessory intended for this purpose and the accessory weight limitation is not exceeded.

When using Fem/Pop Board or the 3080/3085 Ortho Extension accessory, do not exceed 400 lbs (181 kg) maximum patient weight.

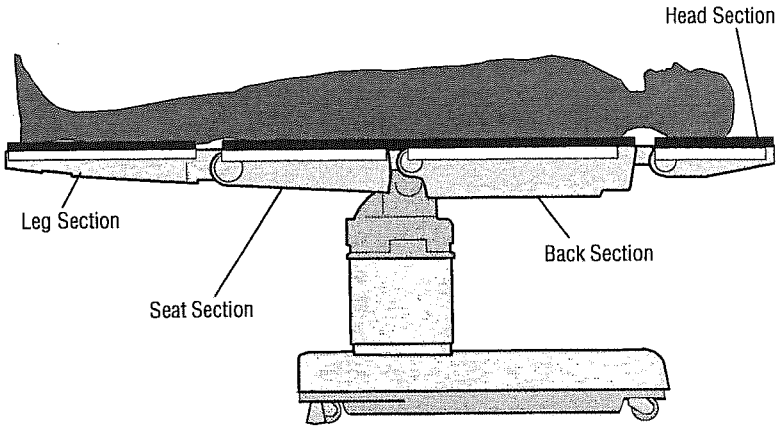


Figure 2-2A. Normal Patient Orientation

» For Reverse Patient Orientation

Always check patient stability when patient is positioned.

When performing surgery requiring a headrest accessory in a reversed patient orientation, do not exceed 400-lb (181 kg) patient weight limit.

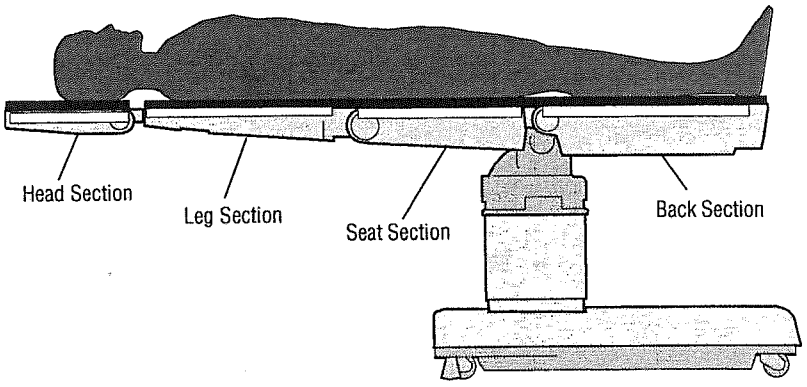


Figure 2-2B. Reverse Patient Orientation

» Other Considerations

Use extreme care when transferring patients to or from table.

Check that all accessories are properly installed and secured.

Check for and eliminate harmful patient pressure points once patient is positioned.

Have a qualified medical professional monitor patients during surgery for all possible patient positioning hazards.

General Description

Amsco 3085 SP Surgical Tables are remote control, Image Amplification compatible units with auxiliary override (backup) systems for the control and hydraulic systems. Tables are furnished with 2" (50 mm) thick pads and are available in the following two configurations:

- Electric Powered
- Battery Powered

Both tables are operated in the same manner

*NOTE: Two hand controls are available: The standard hand control unit (with a **red** strain relief on the plug) is for standard tables; the HERMES-Ready hand control (with a **blue** strain relief on the plug) is for tables with the HERMES-Ready option.*

» Image Amplification Coverage

Head End – 28" (711 mm) with headrest attached (plus 3" [76 mm] maximum extension of headrest).

Foot End – 33" (838 mm) without headrest attached.
– 45" (1143 mm) with headrest attached (no extension of headrest allowed when at this end).

Width – 14.5" (368 mm) average on both ends.

Technical Specifications

» Overall Size

24-13/32" wide x 75-15/16" long x 27 to 44" high
(620 mm wide x 1928 mm long x 686 to 1118 mm high)

» Weight

737 lbs (334 kg); maximum anticipated floor lock pressure exerted on floor: 380 psi (27 kg/cm²).

» Utility Requirements

Electric:*

- 100 V, 5 A, 1-Phase
- 120 V, 4.5 A, 1-Phase
- 220 V, 3 A, 1-Phase
- 230/240 V, 2.5 A, 1-Phase

* *Each table is shipped from the factory configured to the electrical requirement specified on the factory order. If required to be changed in the field, consult STERIS for the procedure/materials required.*

⚠ WARNING – PERSONAL INJURY HAZARD: If the integrity of the external protective earth conductor installation or arrangement is in doubt, operate the table from its internal power source.

⚠ WARNING – EXPLOSION HAZARD: Table must not be used in the presence of flammable anesthetics.

⚠ WARNING – TRIPPING HAZARD: Route power cord to receptacle in a position so that it will not be tripped over by personnel in the area.

⚠ CAUTION: When moving the table to point of use, roll it carefully at moderate speed and only over smooth floors. Maximum floor clearance is 1/4" (6 mm). Avoid door jambs, elevator jambs and obstructions greater than 1/4" (6 mm). If necessary, lift uncrated table over obstructions, onto trucks, etc. Lift table evenly and only by the table base. DO NOT transport articles (including accessories) on top of the table and DO NOT use a forklift to move the uncrated table.

⚠ CAUTION: The table has internal switches for setting to various AC input voltages. Improper setting of switches may damage table electrical system and/or cause improper operation of the table.

NOTE: Patient grounding post/potential equalization terminal (male connector, DIN 42801) is provided. Mating female connector is not furnished by STERIS.

IMPORTANT: Before connecting the table to your AC power system, check that table internal voltage switches are set for your power system (100, 120, 220, or 230/240).

IMPORTANT: Battery powered tables should be completely charged prior to initial operation. Charge batteries as indicated in Section 6, Routine Maintenance, before proceeding.

If table is to be placed in extended storage, have table prepared for storage by a qualified service technician. Make sure batteries are disconnected and check batteries before reconnecting. If table remains in extended storage for longer than 6 months, table must be operated through all articulations and the batteries charged every 6 months.

Install and Route Power Cord

⚠ WARNING–TRIPPING HAZARD: Route the power cord to the receptacle in a position so that it will not be tripped over by personnel in the area.

1. Place table at desired location.

NOTE: Omit the following steps 2 and 3 if table is battery-powered.

2. Connect female end of 20' (6-meter) long power cord to male connector located on the narrow end of table base (can only be connected one way). See Figure 3-1.
3. Route the power cord to the wall receptacle so that it will not be tripped over, then plug it into an appropriate receptacle.

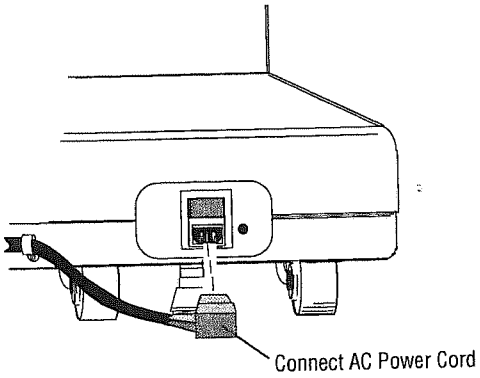


Figure 3-1. Power Cord Connection (Electric Table Only)

Install Hand Control and Lock Table in Place

1. Connect the hand control plug to the proper receptacle on the table.

NOTE: A spring-loaded lock ring locks plug into receptacle. When disconnecting the hand control, pull back on the lock ring before pulling the plug from the receptacle.

NOTE: The standard hand control and the HERMES-Ready hand control are ***not interchangeable****.*

- **Standard 3085 SP Tables:** Align the red dot on the red plug of the hand control cord with the red dot of the red receptacle on the table and push into connected position (see Figure 3-2A).

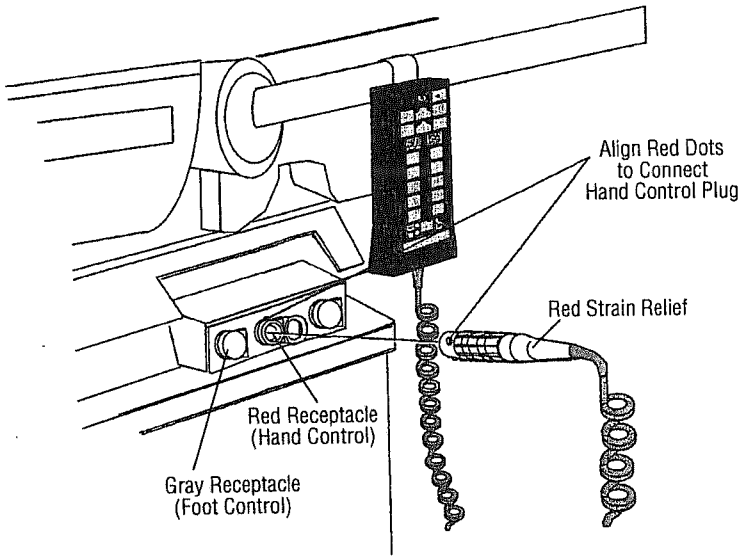


Figure 3-2A. Hand Control Connection for Standard 3085 Table

- **HERMES-Ready 3085 SP Tables:** Align the red dot on the blue plug of the hand control cord with the red dot of the blue receptacle on the table, and push into connected position (see Figure 3-2B).

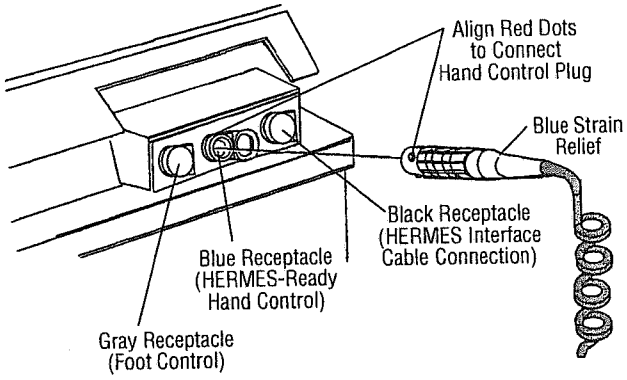


Figure 3-2B. Hand Control Connection for HERMES-Ready 3085 Table

2. Press the "ON" button at the top of the hand control to turn the table on. All LEDs on the hand control may light momentarily for control system self-test when the power is turned on.

   Refer to Figure 3-3 for identification of hand control functions. See Section 7, Troubleshooting, to identify any problems with the hand control.

NOTE: If the wrong function selection button is accidentally pressed, press the correct function button to override the incorrect selection.

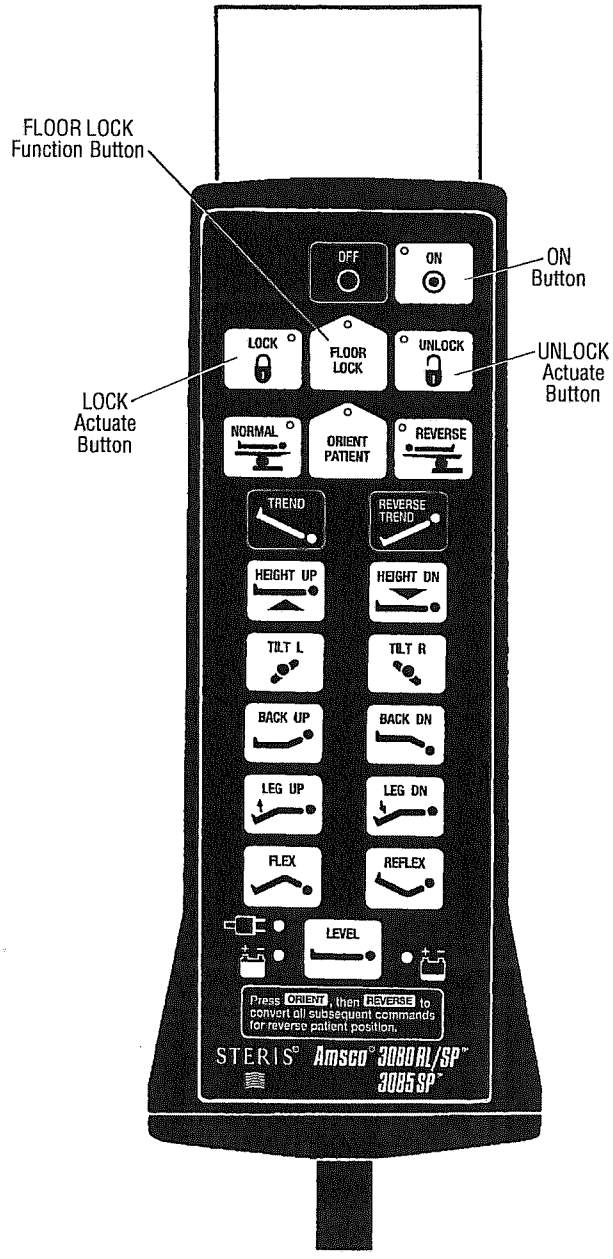


Figure 3-3. Hand Control

3. Press the FLOOR LOCK Function button in the center row of control buttons, and **within 5 seconds** press the LOCK button (to the left of the FLOOR LOCK button, see Figure 3-3). Table is locked in position as floor locks are lowered and casters are raised. The table will remain locked (immobile) until the UNLOCK* function is actuated.

NOTE: The tripodal floor locks are self-compensating for floor irregularities of up to 1/4" (6 mm), and should not require adjustment. Floor locks should engage simultaneously and the table base should rise evenly. Casters should swing freely when the table is in the "LOCKED" position.

4. Hang the hand control on the table side rail or end rail (see Figure 3-2) and route the control cord away from possible pinch points.

5. Check floor locks to make sure each is snug against floor (see Figure 3-4).

IMPORTANT: If table was in storage for longer that four weeks, operate table through all articulations prior to usage.

* *To unlock table, press the FLOOR LOCK button in the center row of control buttons, and within 5 seconds press the UNLOCK button adjacent to it on the right (see Figure 3-3). Floor locks will retract and table will rest on casters.*

⚠ CAUTION: Hang hand control from side rail (or end rail) of table when not in use to avoid possible damage to the control.

⚠ CAUTION: Route the hand control cord (and optional HERMES-Ready interface cord and/or optional foot control cord, if applicable) clear of any pinch points where the cord(s) could be damaged.

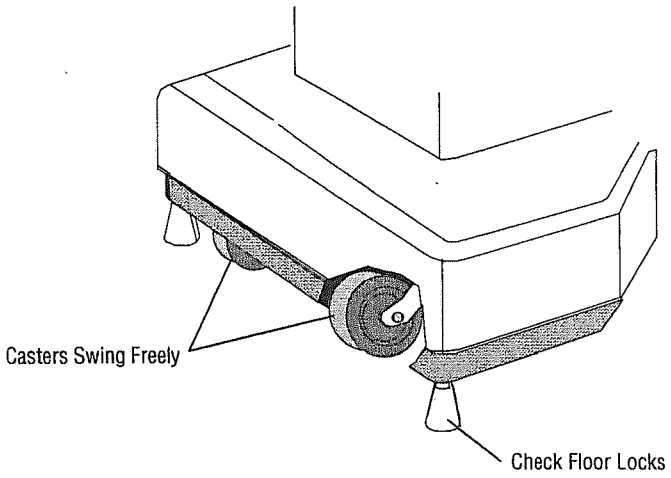


Figure 3-4. Check Floor Locks

Attach Headrest and Orient Patient

⚠ WARNING – EXPLOSION HAZARD: Table must not be used in the presence of flammable anesthetics.

⚠ WARNING – TIPPING HAZARD: Do not place patient on the table unless floor locks are engaged.

⚠ WARNING – TIPPING HAZARD: Do not release floor locks while patient is on table.

⚠ WARNING – PERSONAL INJURY HAZARD: If the integrity of the external protective earth conductor installation or arrangement is in doubt, operate the table from its internal power source.

For maximum patient positioning flexibility, the Amsco® 3085 SP™ table is designed so that the headrest can be attached to either end of the table.

IMPORTANT: Control must be oriented as to the patient's position on table before any positioning functions are operable. When the table is turned on with the hand control, it will automatically activate in NORMAL patient orientation. The user can then select REVERSE orientation if desired.

NOTE: Thumbscrews located under tabletop frame must be loosened before headrest can be attached or removed.

1. Determine desired patient position and attach headrest to the end of the table to obtain this desired position (see Figure 4-1).

   Attach headrest as follows:

   a. Insert rods extending from each side of headrest attachment into the bores provided in either end of table frame.

   b. Reach under tabletop frame and fully tighten the two thumbscrews (one on each side of frame) to secure the headrest attachment in place. Refer to "Headrest Positioning," later in this section, for adjustment procedures.

2. Verify that power is ON and table floor locks are properly engaged.

NOTE: If the wrong function selection button is accidentally pressed, press the correct function button to override the incorrect selection.

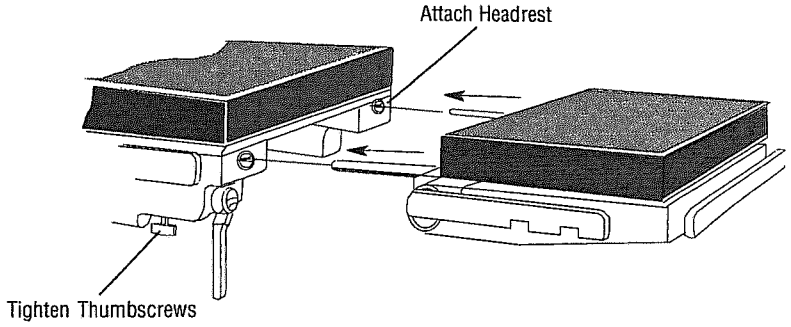


Figure 4-1. Attach Headrest

⚠ WARNING – TIPPING HAZARD: Do not use this table for patients exceeding the 500-lb (226 kg) limit. The maximum safe patient weight on this table for the standard surgical positions is 500 lbs (226 kg) with floor locks engaged.

⚠ WARNING – TIPPING HAZARD: When performing surgery requiring a headrest accessory in reversed patient orientation, or when using a Fem/Pop board or the 3080/3085 Ortho Extension accessory, do not exceed 400 lbs (181 kg) patient weight.

3. Press the ORIENT PATIENT Function button in the center row of buttons on the hand control and **within 5 seconds** (while the LED is still lit), press the appropriate Actuate button (NORMAL or REVERSE) to indicate the orientation of the patient's head on the table (see Figures 4-2 and 4-3).

NOTE: Activation of the ORIENT PATIENT function automatically translates all subsequent commands from the hand, foot, and optional HERMES controls, so that they correspond correctly to where the indicated patient's head is on the table. For example, when the REVERSE Actuate button is activated, the direction of the Trendelenburg and Side Tilt articulations is automatically reversed, and the Back and Leg articulations are likewise adjusted so that each part of the patient's anatomy is positioned correctly when the patient is reversed on the tabletop. The anesthesiologist does not have to think backwards to adjust for the reverse orientation of the patient.

If the control is turned OFF or power is lost while the "reverse" orientation is activated, when the table control is turned ON again, the control automatically reverts to "normal" orientation.

IMPORTANT: When "Reverse" patient orientation is selected, the Flex and Reflex articulation functions are disabled.

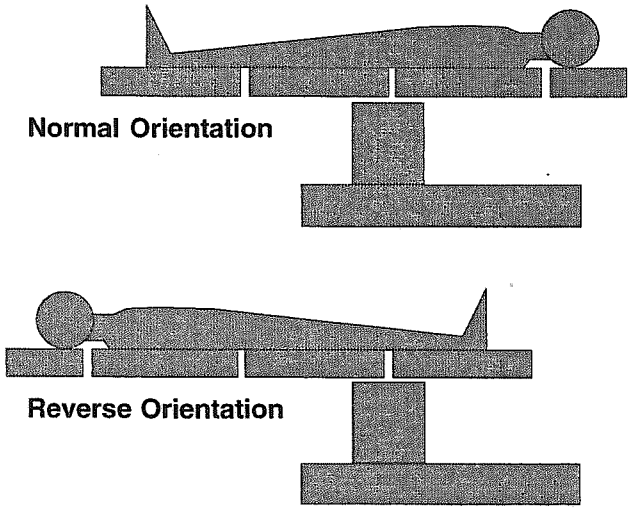


Figure 4-2. Patient Orientation

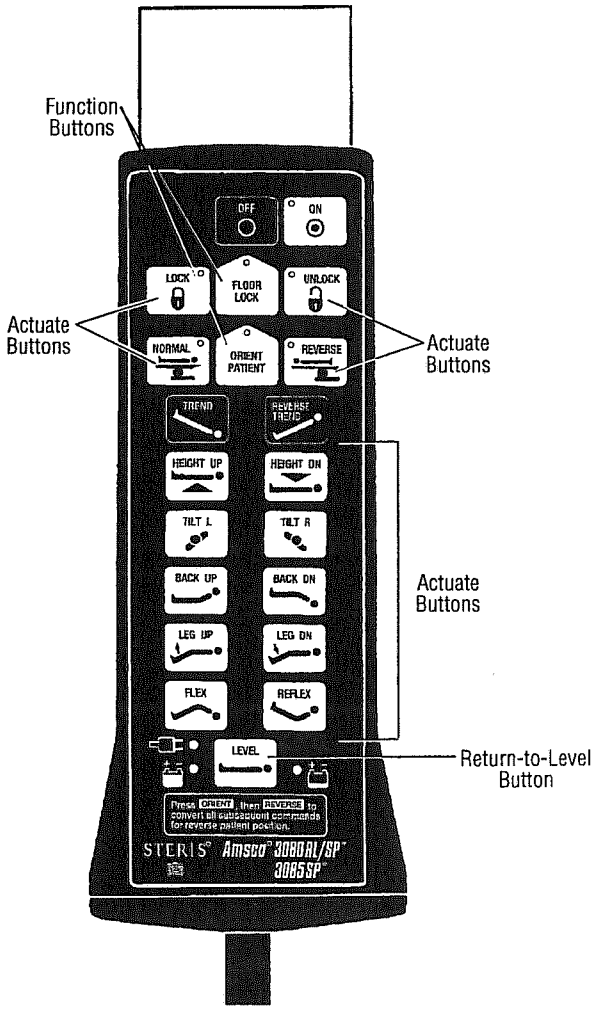


Figure 4-3. Hand Control

Tabletop Positioning

⚠ WARNING – PINCHING HAZARD: Pinch points are created during extreme tabletop articulation. Carefully review illustrations in Figure 2-1 before operating the table.

⚠ WARNING–PINCHING AND TIPPING HAZARD: Patient injury may result if the operator of this table is not completely familiar with the controls for patient positioning and table operation.

⚠ WARNING – PERSONAL INJURY HAZARD: Health care professionals must ensure that patients are positioned and monitored so as to prevent compromising respiration, nerve pathways, or circulation.

⚠ WARNING – PERSONAL INJURY HAZARD: Unanticipated table movement could cause patient injury. Patient must be secured to the table in accordance with recommended positioning practices.

The tabletop may be articulated within the limits shown by use of the hand control positioning buttons or the optional foot control positioning pedals, or by the optional HERMES System. If these controls fail to function, refer to Section 7, Troubleshooting, to see if the problem can be quickly determined and corrected. If problem is not readily apparent, table may continue to be operated per procedures outlined in Section 5, Auxiliary Override Systems. Headrest position and kidney bridge elevation must be adjusted manually as outlined later in this section.

NOTE: Battery-powered tables should be switched OFF after each procedure to prevent unnecessary battery discharge. If low battery condition is indicated by the hand control LED, refer to Section 6 for Battery Charging Procedure.

*The table will continue to function normally for **at least 24 hours** after the "Battery Down" LED (see "Definition of Symbols" in Section 1) first illuminates. If the LED illuminates during a procedure, complete the procedure and recharge the batteries at the end of the day. If the "Battery Down" LED is flashing, immediately connect the AC power cord to the table base and plug into an appropriate AC receptacle (see Figure 6-3).*

» Hand Control Operation

⚠ CAUTION: Route the hand control cord (and optional HERMES-Ready interface cord and/or optional foot control cord, if applicable) clear of any pinch points where the cord(s) could be damaged.

⚠ CAUTION: Hang the hand control from the side rail (or end rail) of the table when not in use, to avoid possible damage to the control.

NOTE: See Section 7, Troubleshooting, to identify problems as indicated by red LEDs on the hand control.

The following functions must be completed before any positioning functions are operable:

- Control turned ON.
- Floor locks engaged.

Adjust the position of the tabletop by using the hand control positioning buttons, as follows (see Figure 4-3):

1. Press the FLOOR LOCK Function button in the center row of buttons on the hand control and **within 5 seconds** (while the LED is still lit), press the desired Actuate button (LOCK or UNLOCK) adjacent to it.
2. Press the ORIENT PATIENT Function button in the center row of buttons, and **within 5 seconds** (while the LED is still lit), press the desired Actuate button (NORMAL or REVERSE) adjacent to it to indicate the orientation of the patient on the table.

   If no selection is made, the table will default to NORMAL orientation.
3. Press the desired positioning Actuate button.
4. When the desired position has been reached, release the positioning Actuate button to automatically stop the tabletop and lock it in position.
5. The range of nominal tabletop movements is as follows:

   - **Trendelenburg** (TREND button) – 25° maximum from horizontal.
   - **Reverse Trendelenburg** (REVERSE TREND button) – 25° maximum from horizontal.
   - **Height** (HEIGHT UP and HEIGHT DN buttons) – 27" (686 mm) minimum to 44" (1118 mm) maximum.
   - **Side Tilt** (TILT L and TILT R buttons) – 18° maximum to right or to left of horizontal.

   NOTE: Momentary delay may occur when activating Side Tilt while the safety mechanism disengages the tilt-lock function.

   - **Back** (BACK UP and BACK DN buttons) – up 55° maximum (80° in REVERSE orientation) or down 25° maximum (105° in REVERSE orientation) from horizontal.
   - **Leg** (LEG UP and LEG DN buttons) – up 80° maximum (55° in REVERSE orientation) or down 105° maximum (25° in REVERSE orientation) from seat section.

   NOTE: FLEX and REFLEX position controls are disabled when in REVERSE patient orientation.

   - **Flex** (FLEX button) – back section down 20° maximum with seat section down 25° maximum from horizontal.
   - **Reflex** (REFLEX button) – back section up 25° maximum with seat section up 35° maximum from horizontal.
   - **Return To Level** – tabletop can be returned to level by pressing the LEVEL button. The table will move in gradual, anatomically correct increments until it reaches level.

   NOTE: If the LEVEL button is pressed while the green LED on the ORIENT PATIENT Function button is still lit, the table will not return to level. Wait for completion of the orient patient function (maximum 5 seconds) before pressing the LEVEL button to activate the return-to-level function.

IMPORTANT: When a reversed patient load exceeds 400 lbs (181 kg), certain articulations may be much slower than with a lighter load; for example, Reversed Trendelenburg articulating. Additionally, when using X-ray tops with obese patients, the automatic return-to-level function may not respond until first initiating an independent articulation.

⚠ WARNING – TIPPING HAZARD: During an articulation if the table top sections contact an obstruction, the table may tip. Before lowering either the table top or individual sections, remove possible obstructions. Do not allow leg section, when lowered, to contact the floor.

⚠ CAUTION: During some extreme articulations, the tabletop may contact the base and/or column shrouds. Take care to avoid positioning the table in such a way as to cause damage to the shrouds.

⚠ CAUTION: Use caution when raising the seat section or back section while the kidney bridge is elevated. The section may contact the elevated kidney bridge and damage the bridge and/or section.

Adjust the position of the tabletop by using the hand control positioning buttons, as follows (see Figure 4-3):

1. Press the FLOOR LOCK Function button in the center row of buttons on the hand control and **within 5 seconds** (while the LED is still lit), press the desired Actuate button (LOCK or UNLOCK) adjacent to it.
2. Press the ORIENT PATIENT Function button in the center row of buttons, and **within 5 seconds** (while the LED is still lit), press the desired Actuate button (NORMAL or REVERSE) adjacent to it to indicate the orientation of the patient on the table.

   If no selection is made, the table will default to NORMAL orientation.
3. Press the desired positioning Actuate button.
4. When the desired position has been reached, release the positioning Actuate button to automatically stop the tabletop and lock it in position.
5. The range of nominal tabletop movements is as follows:
   - **Trendelenburg** (TREND button) – 25° maximum from horizontal.
   - **Reverse Trendelenburg** (REVERSE TREND button) – 25° maximum from horizontal.
   - **Height** (HEIGHT UP and HEIGHT DN buttons) – 27" (686 mm) minimum to 44" (1118 mm) maximum.
   - **Side Tilt** (TILT L and TILT R buttons) – 18° maximum to right or to left of horizontal.

   NOTE: Momentary delay may occur when activating Side Tilt while the safety mechanism disengages the tilt-lock function.
   - **Back** (BACK UP and BACK DN buttons) – up 55° maximum (80° in REVERSE orientation) or down 25° maximum (105° in REVERSE orientation) from horizontal.
   - **Leg** (LEG UP and LEG DN buttons) – up 80° maximum (55° in REVERSE orientation) or down 105° maximum (25° in REVERSE orientation) from seat section.

   NOTE: FLEX and REFLEX position controls are disabled when in REVERSE patient orientation.
   - **Flex** (FLEX button) – back section down 20° maximum with seat section down 25° maximum from horizontal.
   - **Reflex** (REFLEX button) – back section up 25° maximum with seat section up 35° maximum from horizontal.
   - **Return To Level** – tabletop can be returned to level by pressing the LEVEL button. The table will move in gradual, anatomically correct increments until it reaches level.

   NOTE: If the LEVEL button is pressed while the green LED on the ORIENT PATIENT Function button is still lit, the table will not return to level. Wait for completion of the orient patient function (maximum 5 seconds) before pressing the LEVEL button to activate the return-to-level function.

IMPORTANT: When a reversed patient load exceeds 400 lbs (181 kg), certain articulations may be much slower than with a lighter load; for example, Reversed Trendelenburg articulating. Additionally, when using X-ray tops with obese patients, the automatic return-to-level function may not respond until first initiating an independent articulation.

⚠ WARNING – TIPPING HAZARD: During an articulation if the table top sections contact an obstruction, the table may tip. Before lowering either the table top or individual sections, remove possible obstructions. Do not allow leg section, when lowered, to contact the floor.

⚠ CAUTION: During some extreme articulations, the tabletop may contact the base and/or column shrouds. Take care to avoid positioning the table in such a way as to cause damage to the shrouds.

⚠ CAUTION: Use caution when raising the seat section or back section while the kidney bridge is elevated. The section may contact the elevated kidney bridge and damage the bridge and/or section.

⚠ WARNING – TIPPING HAZARD: During an articulation if the table top sections contact an obstruction, the table may tip. Before lowering either the table top or individual sections, remove possible obstructions. Do not allow leg section, when lowered, to contact the floor.

⚠ CAUTION: During some extreme articulations, the tabletop may contact the base and/or column shrouds. Take care to avoid positioning the table in such a way as to cause damage to the shrouds.

⚠ CAUTION: Use caution when raising the seat section or back section while the kidney bridge is elevated. The section may contact the elevated kidney bridge and damage the bridge and/or section.

3. Adjust the tabletop position using the foot control positioning pedals, a follows (see Figure 4-4):

- **Trendelenburg** – 25° maximum from horizontal.

  Depress left side (labeled TREND) of TRENDELENBURG pedal (locate in the left position of foot control pedals) and release pedal when desire position has been reached to automatically stop tabletop and lock it position.

- **Reverse Trendelenburg** – 25° maximum from horizontal.

  Depress right side of TRENDELENBURG pedal (located in the le position of foot control pedals) and release pedal when desired positic has been reached to automatically stop tabletop and lock it in positio

- **Raise Height** – 44" (1118 mm) maximum.

  Depress left side of HEIGHT pedal (located in the center position of fo control pedals) and release pedal when desired position has bee reached to automatically stop tabletop and lock it in position.

- **Lower Height** – 27" (686 mm) minimum.

  Depress right side of HEIGHT pedal (located in the center position of fo control pedals) and release pedal when desired position has bee reached to automatically stop tabletop and lock it in position.

- **Side Tilt to Left** – 18° maximum from horizontal.

  Depress left side of SIDE TILT pedal (located in the right position of fo control pedals) and release pedal when desired position has bee reached to automatically stop tabletop and lock it in position.

- **Side Tilt to Right** – 18° maximum from horizontal.

  Depress right side of SIDE TILT pedal (located in the right position of fo control pedals) and release pedal when desired position has bee reached to automatically stop tabletop and lock it in position.

NOTE: Momentary delay may occur when activating side tilt while the safe mechanism disengages tilt-lock function.

IMPORTANT: When reversed patient loads exceed 400 lbs (181 kg certain articulations may be much slower than with lighter loads; for exampl Reversed Trendelenburg articulation.

» Care of Controls When Not In Use

⚠ CAUTION: Hang the hand control from the side rail (or end rail) of the table when not in use, to avoid possible damage to the control.

When not in use both during and between procedures, the hand conti should be attached to the table side rail.

The foot control, if used, should be bagged and placed on the floor near tl surgical area. When the foot control is not required for a procedure, it shou be unplugged from the table and stored with other accessories until neede Never store the foot control (or any other objects) on the table base.

Tabletop Positioning

⚠ WARNING – PINCHING HAZARD: Pinch points are created during extreme tabletop articulation. Carefully review illustrations in Figure 2-1 before operating the table.

⚠ WARNING–PINCHING AND TIPPING HAZARD: Patient injury may result if the operator of this table is not completely familiar with the controls for patient positioning and table operation.

⚠ WARNING – PERSONAL INJURY HAZARD: Health care professionals must ensure that patients are positioned and monitored so as to prevent compromising respiration, nerve pathways, or circulation.

⚠ WARNING – PERSONAL INJURY HAZARD: Unanticipated table movement could cause patient injury. Patient must be secured to the table in accordance with recommended positioning practices.

The tabletop may be articulated within the limits shown by use of the hand control positioning buttons or the optional foot control positioning pedals, or by the optional HERMES System. If these controls fail to function, refer to Section 7, Troubleshooting, to see if the problem can be quickly determined and corrected. If problem is not readily apparent, table may continue to be operated per procedures outlined in Section 5, Auxiliary Override Systems. Headrest position and kidney bridge elevation must be adjusted manually as outlined later in this section.

NOTE: Battery-powered tables should be switched OFF after each procedure to prevent unnecessary battery discharge. If low battery condition is indicated by the hand control LED, refer to Section 6 for Battery Charging Procedure.

*The table will continue to function normally for **at least 24 hours** after the "Battery Down" LED (see "Definition of Symbols" in Section 1) first illuminates. If the LED illuminates during a procedure, complete the procedure and recharge the batteries at the end of the day. If the "Battery Down" LED is flashing, immediately connect the AC power cord to the table base and plug into an appropriate AC receptacle (see Figure 6-3).*

» Hand Control Operation

⚠ CAUTION: Route the hand control cord (and optional HERMES-Ready interface cord and/or optional foot control cord, if applicable) clear of any pinch points where the cord(s) could be damaged.

⚠ CAUTION: Hang the hand control from the side rail (or end rail) of the table when not in use, to avoid possible damage to the control.

NOTE: See Section 7, Troubleshooting, to identify problems as indicated by red LEDs on the hand control.

The following functions must be completed before any positioning functions are operable:

- Control turned ON.
- Floor locks engaged.

» Optional Foot Control Operation

⚠ WARNING – PERSONAL INJURY HAZARD: Unanticipated table movement could cause patient injury. Patient must be secured to the table in accordance with recommended positioning practices.

⚠ WARNING – PERSONAL INJURY HAZARD: Do not immerse any part of foot control in liquids; this could cause unanticipated table movement, leading to patient injury. Always cover control with a plastic bag before using.

⚠ CAUTION: Route the hand control cord (and optional HERMES-Ready interface cord and/or optional foot control cord, if applicable) clear of any pinch points where the cord(s) could be damaged.

An optional foot control assembly is available for use in conjunction with the hand control. See Figure 4-4 for identification of foot control functions.

NOTE: Battery-powered tables should be switched OFF after each procedure to prevent unnecessary battery discharge. If a low battery condition is indicated by the hand control "Battery Down" LED, refer to Section 6 for Battery Charging Procedures.

1. **The following must be completed before any foot control positioning functions are operable:**
   - Hand control connected.
   - Control turned ON.
   - Floor locks engaged.
   - ORIENT PATIENT button activated (green LED on) to indicate patient's position on table (see Figure 4-2).
2. Connect the foot control assembly to the table by aligning the red dot on the gray plug of the foot control cord with the red dot of the gray receptacle on the table, and pushing the plug into the connected position (see Figure 4-5).

NOTE: A spring-loaded lock ring locks plug into receptacle. When disconnecting foot control, pull back on lock ring before pulling plug from receptacle.

NOTE: If foot control and hand control are actuated simultaneously, hand control has priority.

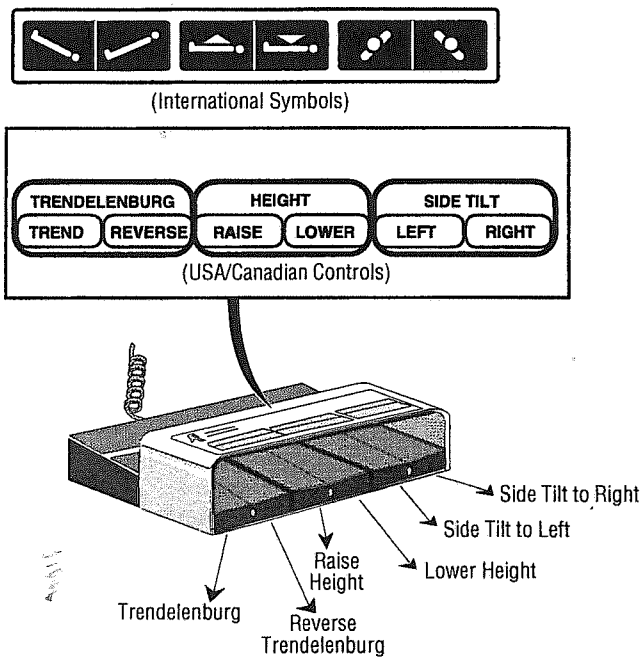


Figure 4-4. Foot Control

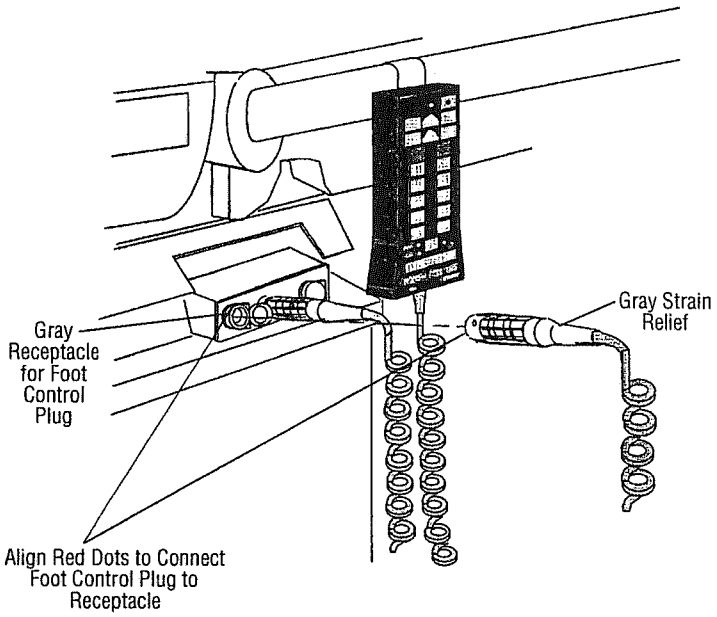


Figure 4-5. Foot Control Connection

Optional HERMES-Ready System Operation

⚠ WARNING – PERSONAL INJURY HAZARD: Unanticipated table movement could cause patient injury. Patient must be secured to the table in accordance with recommended positioning practices.

⚠ CAUTION: Route the hand control (and optional HERMES-Ready interface cord and/or optional foot control cord, if applicable) clear of any pinch points where the cord(s) could be damaged.

For voice-activation of the table functions, a HERMES-Ready Amsco 3085 SP table, a HERMES-Ready Interface System, and a HERMES-Ready 3085 SP Hand Control are required.

IMPORTANT: Use the HERMES-Ready 3085 SP hand control with the **blue** strain relief.The standard 3085 SP hand control with a **red** strain relief tail on the connector will not connect to the HERMES-Ready table.

NOTE: Battery-powered tables should be switched OFF after each procedure to prevent unnecessary battery discharge. If a low battery condition is indicated by the hand control "Battery Down" LED, refer to Section 6 for Battery Charging Procedures.

1. **The following must be completed before any HERMES Voice-Activated positioning functions are operable:**
   - Hand control connected (HERMES-Ready unit with blue tail on connection)
   - Control turned ON.
   - Floor locks engaged.
   - ORIENT PATIENT button activated (green LED on) to indicate patient's position on the table (see Figure 4-2).
2. Connect the HERMES Interface System to the HERMES-Ready 3085 SP table by aligning the red dot on the black plug of the HERMES interface cord with the red dot of the black receptacle on the HERMES-Ready table and pushing the plug in to connect it (see Figure 4-6).

NOTE: A spring-loaded lock ring locks the plug into the receptacle. When disconnecting the interface system, pull back on the lock ring before pulling the plug from receptacle.

NOTE: If the HERMES Interface System and the table hand control are actuated simultaneously, the hand control has priority.

3. For operating instructions, refer to the **HERMES Operating Room Control Center Operating and Maintenance Manual and Appendix** provided with the HERMES System.

NOTE: When the HERMES System is powered up and it initially interrogates the table, the HERMES display screen should acknowledge it as the table.

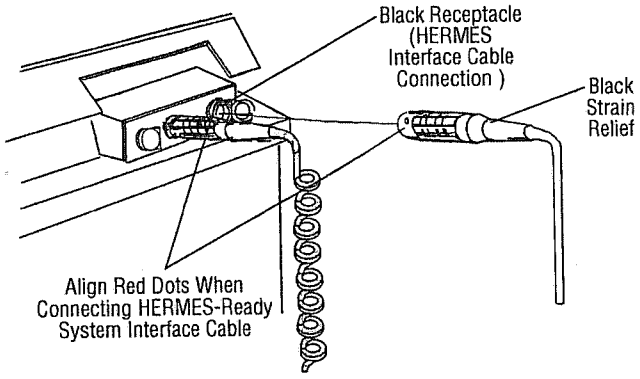


Figure 4-6. HERMES-Ready System Connection

Headrest Positioning

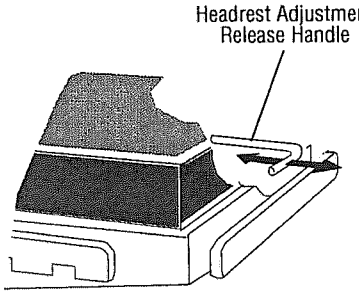


Figure 4-7. Headrest Positioning

The headrest can be attached to either end of table (see Figure 4-1). It is manually adjustable 90° upward and 90° downward from horizontal position. Adjust the headrest to desired position as follows:

1. See Figure 4-7. Locate the release handle (under the right side of the headrest) and pull to release (spring-loaded).
2. Tilt the headrest upward or downward to the desired position, let go of the release handle, then move the headrest slightly until the ratchet mechanism locks it into position.

Kidney Bridge Elevation

⚠ WARNING – INSTABILITY HAZARD: Possible patient or user injury, as well as table or accessory failure, may result from using STERIS table accessories for other than their stated purpose – or from using, on STERIS tables, accessories manufactured and sold by other companies.

⚠ WARNING – PERSONAL INJURY HAZARD: When installing any table accessory, check for correct attachment and tighten securely (if appropriate). Do not use worn or damaged accessory. Check installation before using any accessory.

⚠ CAUTION: Use caution when raising the seat section or back section while the kidney bridge is elevated. The section may contact the elevated kidney bridge and damage the bridge and/or section.

Kidney bridge elevation is manually adjustable up to a maximum height of 4" (101 mm) above the primary tabletop. Adjust the kidney bridge for desired elevation as follows:

1. Locate the kidney bridge ratchet handle (under left side of back section) and flip it down (spring-loaded). See Figure 4-8.

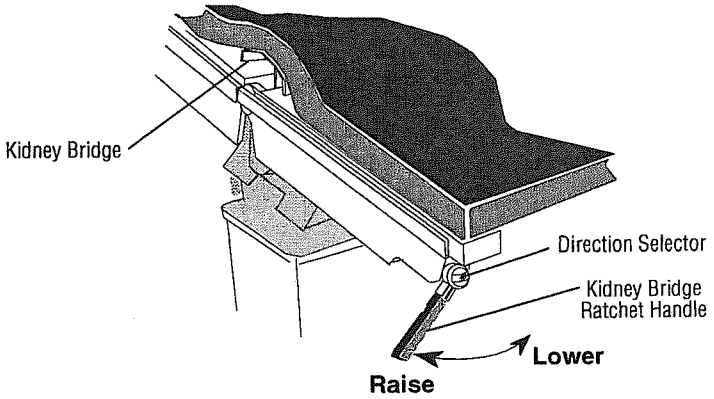


Figure 4-8. Kidney Bridge Adjustment

2. Set the ratchet drive directional control for the type of ratchet on your table (see Figure 4-9):

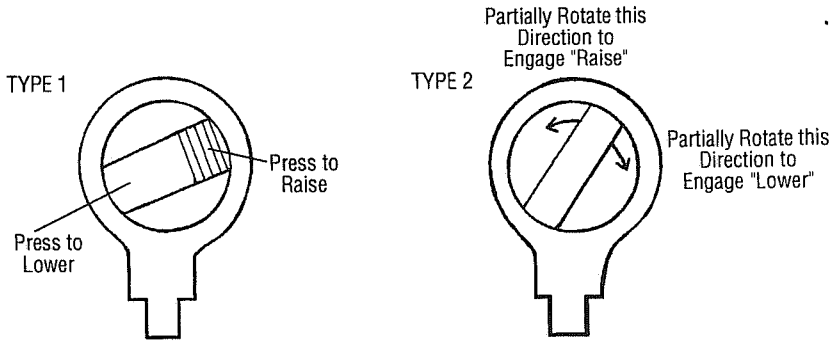


Figure 4-9. Set Ratchet Drive Directional Control

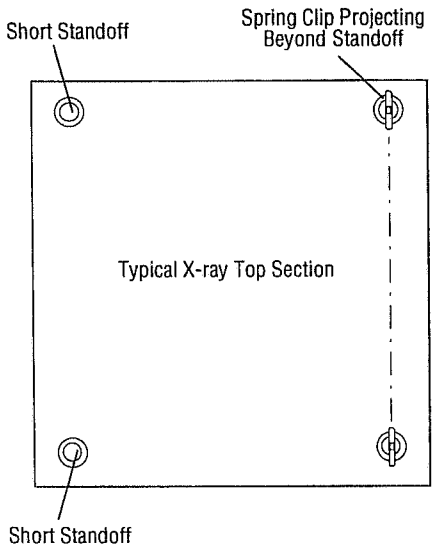


Figure 4-12. X-ray Top Spring Clips and Standoffs

Perform the following for each X-ray top section:

1. Loosen the screws that secure the spring-loaded spacers to the X-ray top section. Position the section on the table.
2. Rotate the spacers so that the spring clips are in line when viewed from beneath the tabletop (see Figure 4-12).
3. Shift the X-ray top section until the mounting screw shaft on one of the spring-loaded spacers is centered in the hole in the X-ray top section. (A 1/16" (1.6 mm) clearance is provided between each screw shaft and its X-ray mounting hole.)
4. Hold the spacer to prevent it from rotating and tighten the screw.
5. Make sure that remaining spring-loaded spacer is flat against the tabletop and center it in its tabletop mounting hole, then tighten the screw.

NOTE: When removing an X-ray top section, grasp it at the corners where the spring-loaded spacers are located and lift straight up. Grasping it at the opposite corners will cause the spacers to bind. Repeat the preceding procedure if the spacers bind when section is lifted correctly.

6. Remove and replace the X-ray top section several times; the X-ray top should lift freely.

» General Accessories Applied To Side Rails

⚠ WARNING – PERSONAL INJURY HAZARD: When installing any table accessory, check for correct attachment and tighten securely (if appropriate). Do not use worn or damaged accessory. Check installation before using any accessory.

⚠ WARNING - PERSONAL INJURY HAZARD: Do not exceed weight limit that may be specified on accessory or 500 lbs (226 kg), whichever is lower.

1. To install, place clamp (or socket) on side rail and lock in position with knob (or handle) provided (see Figure 4-13).
2. To remove, loosen knob (or handle) and slide clamp (or socket) along side rail until a notch is reached, then remove clamp (socket).

NOTE: Clamp (socket) may also be removed from end of side rail by raising gravity stops.

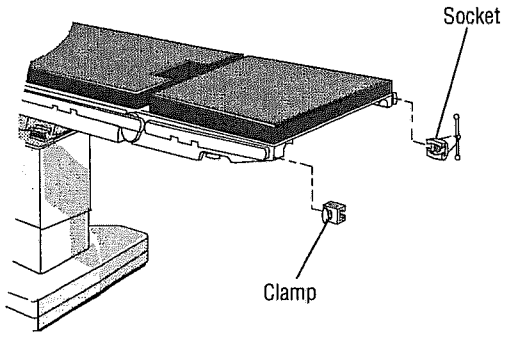


Figure 4-13. General Accessories Applied to Side Rails

» Accessories Specific to Amsco 3085 SP Tables

⚠ WARNING – PERSONAL INJURY HAZARD: When installing any table accessory, check for correct attachment and tighten securely (if appropriate). Do not use worn or damaged accessory. Check installation before using any accessory.

⚠ WARNING – TIPPING HAZARD: Do not use two or more Uro-Endo/Image Amplification Extension Accessories together on the 3085 table.

⚠ WARNING – INSTABILITY HAZARD: Patient Transfer Board must be used as a leg support only. It is not intended to support upper body weight of a patient.

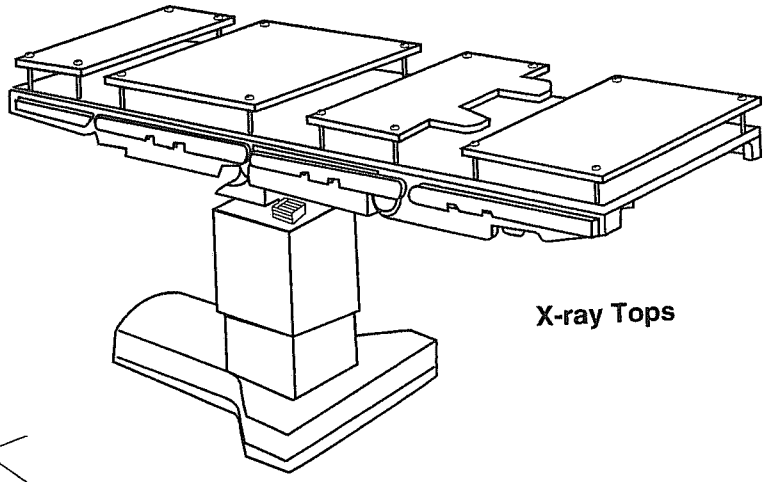
⚠ WARNING – TIPPING HAZARD: Foot Extension Accessory or combination of Foot Extension and Headrest Accessories from previous design STERIS tables must not be used for reverse orientation on the 3085 SP table.

⚠ WARNING – TIPPING HAZARD: When performing surgery requiring a headrest accessory in reversed patient orientation, or when using a Fem/Pop board or the 3080/3085 Ortho Extension accessory, do not exceed 400 lbs (181 kg) patient weight.

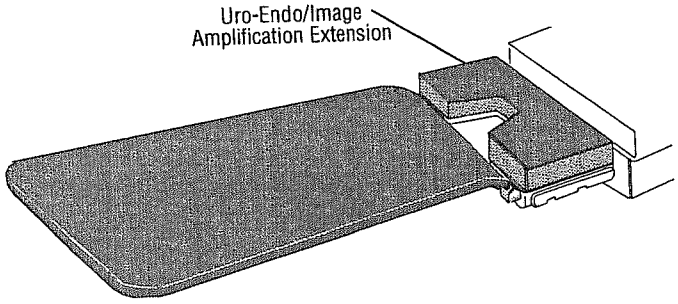
⚠ WARNING – TIPPING HAZARD: Do not use the Fem/Pop Board with X-ray Tops for obese patients.

The following special accessories have been developed specifically for use with the Amsco 3085 SP and Quantum 3080 tables. These accessories are not intended to be used with any other previous-design STERIS tables.

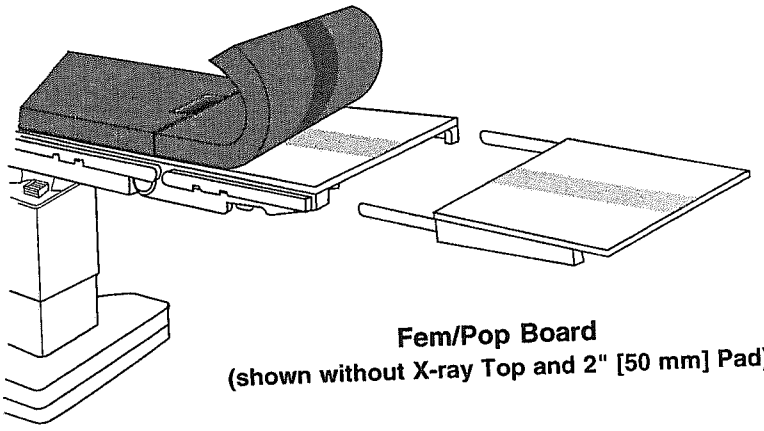
- **Eye-ENT-Neuro Headrest Adapter –** inserts into the frame headrest bores to permit use of all previous design headrest accessories on the 3085 table. It maintains the same end-of-table relationship for accessories as when used with previous design tables. (Limited to 300-lb [136 kg] patient load.)
- **Eye-ENT-Neuro Headrest Adapter with 4" Extension –** inserts into the frame headrest bores to extend back section an additional 4" (101 mm). (Limited to 300-lb [136 kg] patient load.)
- **Uro-Endo/Image Amplification Extension –** attaches to back section to provide an additional 8" (203 mm) of I.A. coverage (with headrest attached). It also expands the Uro-Endo procedure capability of table. (Limited to 400-lb [181 kg] patient load.)
- **Patient Transfer Board –** inserts into Uro-Endo/I.A. Extension to support patient's legs during transfer to table. It is intentionally flexible and is intended to be removed after patient is positioned. (Limited to 400-lb [181 kg] patient load.)
- **Drain Tray –** slides onto perineal edge of seat section and Uro-Endo/I.A. Extension. (Not limited to patient weight.)
- **Foot Extension –** clamps to side rails at either end of table to provide additional patient support. (Limited to 500-lb [226 kg] patient load.)
- **Neuro Seat Plate –** placed under pad by hooking support legs onto side rail supports and allowing to rest on top of kidney bridge. It extends leg seat length and provides for less than 90° seating (with kidney bridge elevated) for unique reversed chair posture. (Limited to 400-lb [181 kg] patient load.)
- **Perineal Cutout Filler –** attaches to tabletop to cover cutout and provide additional patient support. (Limited to 400-lb [181 kg] patient load.)
- **Fem/Pop Board –** intended to be installed into leg section only and used as a leg support for improved lower body I.A. coverage. It is not intended to support upper body weight. Do not use the Fem/Pop Board with X-ray tops for obese patients. (Limited to 400-lb [181 kg] patient load.)
- **X-ray Tops –** removable cassettes can be inserted through the head, foot, or side of table. (Acceptable for patient loads up to 500 lbs [226 kg].)
- **3080/3085 Orthopedic Extension –** attaches to seat section to provide a mobile radiolucent orthopedic platform. (Limited to 400-lb [181 kg] patient load.)



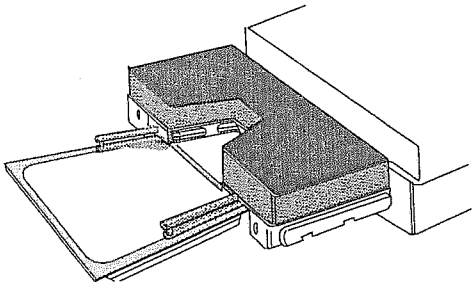
X-ray Tops



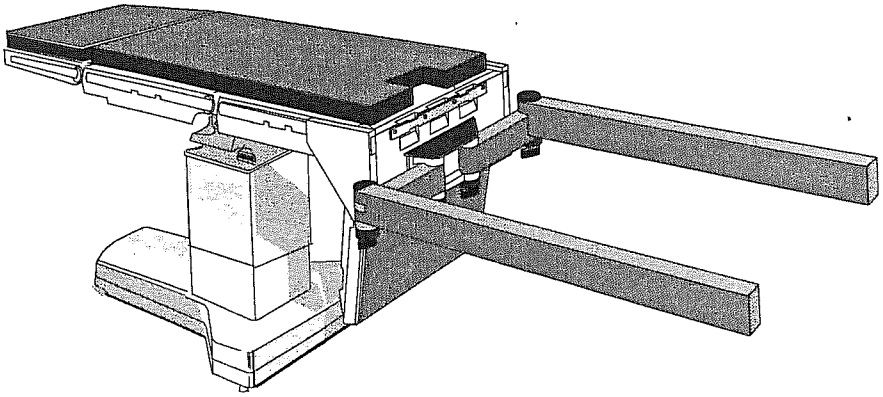
Patient Transfer Board



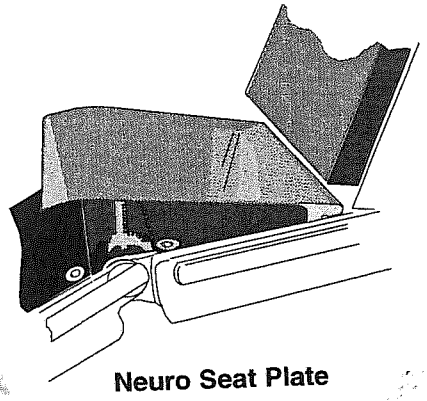
Fem/Pop Board
(shown without X-ray Top and 2" [50 mm] Pad)



Drain Tray



3080/3085 Orthopedic Extension



Neuro Seat Plate

Figure 4-14. Accessories* for Amsco 3085 Tables

Contact your STERIS Representative for ordering information. Refer to specific accessory descriptions for weight limitations.

AUXILIARY OVERRIDE SYSTEMS

5

⚠ WARNING – EXPLOSION HAZARD: Table must not be used in the presence of flammable anesthetics.

⚠ WARNING – TIPPING HAZARD: Do not articulate table with auxiliary override systems unless floor locks are engaged.

⚠ WARNING – PINCHING AND TIPPING HAZARD: Patient injury may result if the operator of this table is not completely familiar with the controls for patient positioning and table operation.

Table is equipped with Auxiliary Override Systems that can be actuated at any time and that will allow table operation in the event of primary control malfunction.

Articulate table according to the procedures in "Articulation With Electric Pump Power Available" (below) if electric pump power is available, or according to the procedures in "Articulation With No Electric Pump Power Available" (following page) if no pump power is available.

Operate the floor lock auxiliary override systems according to the procedures in "Floor Lock Override Systems" at the end of this section.

NOTE: The auxiliary control switches perform ALL functions to correspond to NORMAL patient orientation only. Actuation of any auxiliary switch overrides and shuts down the primary hand and optional foot controls, and optional HERMES command capability.

Since there are several methods of control for the table, particularly with use of the HERMES System, it is important to understand the hierarchy of the respective controls' override capability over other control methods.

Table control methods are prioritized, from highest override control to lowest, as follows:

1. Auxiliary Control switches (override all commands from those below).
2. Table Hand Control.
3. Verbal command (HERMES System).
4. HERMES Pendant Control.
5. Foot Control (no override capability of other controls).

Articulation With Electric Pump Power Available

⚠ WARNING – PINCHING HAZARD: Pinch points are created during extreme tabletop articulation. Carefully review illustrations in Figure 2-1 before operating the table.

⚠ WARNING – TIPPING HAZARD: During an articulation if the table top sections contact an obstruction, the table may tip. Before lowering either the table top or individual sections, remove possible obstructions. Do not allow leg section, when lowered, to contact the floor.

⚠ CAUTION: During some extreme articulations, the tabletop may contact the base and/or column shrouds. Take care to avoid positioning the table in such a way as to cause damage to the shrouds.

⚠ CAUTION: Use caution when raising the seat section or back section while the kidney bridge is elevated. The section may contact the elevated kidney bridge and damage the bridge and/or section.

A row of toggle switches (located on the top of column under the small hood, on the opposite side from the hand control connection; see Figure 5-1) is used for table movements if control power is still available.

Articulate table as follows:

- **Trendelenburg:** 25° maximum from horizontal.

  Press TREND switch **down** to activate function; release switch when desired position has been reached to automatically stop tabletop and lock it in position.

- **Reverse Trendelenburg:** 25° maximum from horizontal.

  Lift TREND switch **up** to activate function; when desired position has been reached, release switch to automatically stop tabletop and lock it in position.

- **Height:** 27" (686 mm) minimum to 44" (1118 mm) maximum.

  Lift HEIGHT switch **up to raise** tabletop or press **down to lower** tabletop; when desired position has been reached, release switch to automatically stop tabletop and lock it in position.

- **Side Tilt:** 18° maximum to right or to left of horizontal.

  Lift SIDE TILT switch **up to tilt tabletop away** from yourself, or press **down to tilt tabletop towards** yourself; when desired position has been reached, release switch to automatically stop tabletop and lock it in position.

  NOTE: A momentary delay may occur when activating the side tilt while the safety mechanism disengages the tilt-lock function.

- **Back:** up 55° maximum or down 25° maximum from horizontal.

  Lift BACK switch **up to raise** back section or press **down to lower** back section; release switch when desired position has been reached to automatically stop tabletop and lock it in position.

- **Leg:** up 80° maximum or down 105° maximum from horizontal.

  Lift LEG switch **up to raise** leg section or press **down to lower** leg section; when desired position has been reached, release switch to automatically stop tabletop and lock it in position.

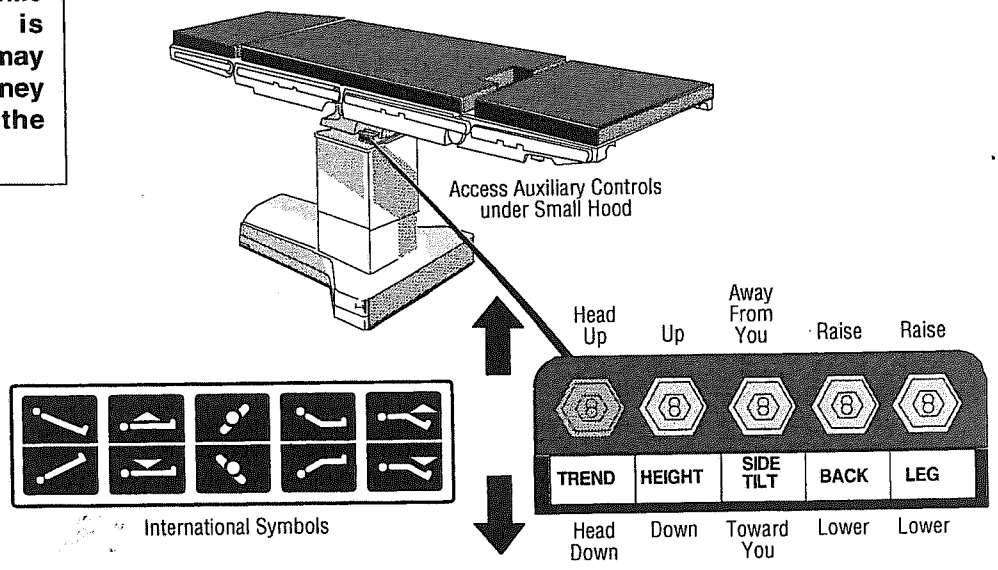


Figure 5-1. Auxiliary Controls (Override Switches)

Articulation With No Electric Pump Power Available

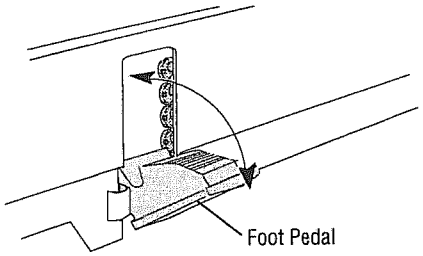


Figure 5-2. Foot Pedal

The toggle switches (or hand/foot control selections) are used in conjunction with the foot pedal for table movements when **no** electric pump power is available.

Articulate table as follows:

1. Flip foot pedal down (see Figure 5-2).
2. Position toggle switches, as outlined in "Articulation With Electric Pump Power Available," for the desired movement (or select movement with hand or foot control).
3. Pump foot pedal manually (while still holding toggle switch [or hand or foot control button/pedal] in position) until desired degree of movement is obtained.
4. Stop pumping foot pedal and release toggle switch (or hand or foot control button/pedal) to stop movement and lock in position.
5. Correct problem or have qualified service technician repair table before further use.

Floor Lock Override Systems

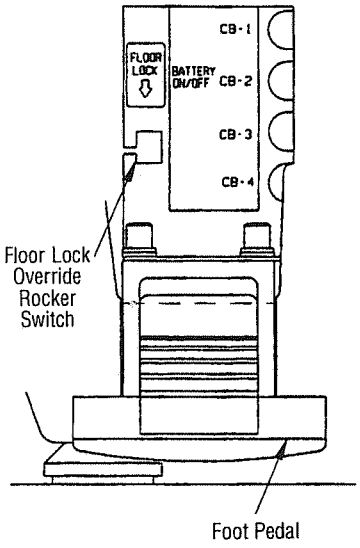


Figure 5-3. Floor Lock Override Switch

A floor lock override switch is located inside the manual pump pedal recess (see Figure 5-3). Flip the pedal down to access the switch (see Figure 5-2).

Operate the override system as follows:

- **If electric pump power is available:** move the rocker switch down to activate the UNLOCK function; release it when the floor locks are retracted and the table is resting on its casters. To activate the LOCK function, move the rocker switch up; release it when the table is resting on its floor locks (the casters swing freely).
- **If NO electric pump power is available:** move and hold the rocker switch down to activate the UNLOCK function and operate the foot pump (or have an assistant operate it) until the floor locks are retracted and the table is resting on its casters. To activate the LOCK function, move and hold the rocker switch up (or have an assistant operate it) until the table is resting on its floor locks (the casters swing freely).

Preventive Maintenance Schedule

⚠ WARNING – PERSONAL INJURY AND/OR EQUIPMENT DAMAGE HAZARD: Safe and reliable operation of this equipment requires regularly scheduled preventive maintenance, in addition to the faithful performance of routine maintenance. Contact STERIS Engineering Service to schedule preventive maintenance.

⚠ CAUTION: The use of incorrect hydraulic oil may severely damage the table and/or cause malfunction. Contact your STERIS Service Representative for the proper oil to use.

Maintenance procedures described in Sections 6 and 8 should be performed regularly at the intervals indicated, using the maintenance schedules in Table 6-1 as a guide. Increased usage of the table may result in more frequent maintenance than indicated. Refer to Section 8 for replacement parts list.

Customer should maintain a record of all maintenance procedures performed on the unit.

If an operating problem occurs, refer to Section 7, Troubleshooting.

NOTE: Never permit unqualified persons to service the table.

IMPORTANT: If the table is to be placed in extended storage, have the table prepared for storage by a qualified service technician. Make sure the batteries are disconnected and check the batteries before reconnecting. If the table remains in extended storage for longer than 6 months, the table must be operated through all articulations and the batteries must be charged every 6 months.

Table 6-1. Preventive Maintenance Schedule for Amsco® 3085 SP™ Surgical Table

SERVICE REQUIRED	MINIMUM FREQUENCY
1.0 PREPARATION FOR PREVENTIVE MAINTENANCE	
1.1 Discuss equipment with operators.	6x per year
1.2 Examine side rail hardware. Tighten as required.	6x per year
1.3 Check X-ray tops for tightness of standoffs.	6x per year
1.4 Check integrity of cap shroud.	6x per year
2.0 HYDRAULIC SYSTEM	
2.1 Replace oil filter element.	1x per year
2.2 Check hydraulic oil level.	6x per year
2.3 Check table base, all hoses, fittings and components of hydraulic system for evidence of oil leaks.	6x per year
3.0 CASTERS AND FLOOR LOCKS	
3.1 Check/clean casters.	6x per year
3.2 Lubricate casters.	1x per year
3.3 Check floor lock system; have qualified service technician adjust if needed.	6x per year
3.4 Verify the presence of all foot pads.	6x per year

Table 6-1. Preventive Maintenance Schedule for Amsco 3085 SP Surgical Table (cont'd)

SERVICE REQUIRED	MINIMUM FREQUENCY
4.0 CONTROLS	
4.1 Verify proper operation of all articulations for full motion.	
• Using hand control.	6x per year
• Using override function.	6x per year
• Using manual control (foot pump).	6x per year
• Using foot control, if equipped.	6x per year
• Using battery power, if equipped.	6x per year
4.2 Check integrity of hand control and cord.	6x per year
5.0 ELECTRICAL CHECKS	
5.1 Check that all circuit boards connectors and cable plugs are tight.	6x per year
5.2 Check all cables for damage or fraying.	6x per year
5.3 Verify battery charger voltage (28.5 Volts ± 1%, motor battery charger at P20; 28.3 Volts ± 1%, control battery charger at S1/S5 terminals).	2x per year
5.4 Verify battery voltage (13.6-13.8 Volts per battery fully charged at 77°F [25°C]).	2x per year
6.0 TABLE RIGIDITY	
6.1 Check table top for any horizontal or vertical play.	2x per year
6.2 Check side tilt mechanism for any play and insure screws on the top clevis and bottom support bracket are secure.	2x per year
6.3 Lubricate column guide rails.	1x per year
7.0 FINAL TEST	
7.1 Secure all covers and shrouds.	6x per year
7.2 Reinstall any pads that were removed. Check for rips, tears, etc.	6x per year
7.3 Check area to ensure removal of all materials used during inspection.	6x per year

Table 6-2. Recommended Cleaning Products*

Product Name	Product Use
Coverage® Spray HBV	Hospital-grade quaternary-based disinfectant spray
Coverage® HBV Concentrate	EPA-registered Hepatitis-B-effective quat
T.B.Q.®	Detergent-based germicide
Coverage Plus®	One-step germicide disinfectant cleaner
Coverage Spray Disinfectant Cleaner	General cleaner/disinfectant formulated with quarternary ammonium compounds and non-ionic detergents
Germicical Cloth	Surface disinfectant

** Contact your STERIS representative for ordering information.*

Cleaning/Disinfecting Procedures

» Post-Usage

⚠ WARNING – INFECTION HAZARD: To protect against aerosols being reflected from contaminated surfaces, wear rubber or plastic gloves, masks and eye protection and follow OSHA blood-borne pathogens standards when cleaning.

⚠ CAUTION: When cleaning/disinfecting table, do not use phenolics, which may cause patient skin burns if inadequately rinsed off, or alcohol, which does not have sufficient cleaning/disinfection properties.

⚠ CAUTION: When cleaning/disinfecting table, thoroughly read the cleaning fluid directions for use and follow all directions and cautions as shown.

⚠ CAUTION: Cleaning procedures requiring articulation of the table should be performed only by persons familiar with table operation.

⚠ CAUTION: After performing cleaning procedures, ensure pads and X-ray tops are completely dry before reinstalling. Moisture trapped between pads and X-ray tops may contribute to equipment damage, such as X-ray top warpage.

1. Remove gross soil with a disposable cloth and place used cloth in an appropriate biohazardous waste disposal container.
2. Clean tabletop as follows:
   a. Articulate tabletop to level position and place at a comfortable working height.
   b. Remove tabletop pads by pulling upward to free them from the Velcro fasteners (see Figure 6-1) and place on another table or other flat surface.
   c. Holding can 6-8" (150-200 mm) from surface, spray cleaning fluid liberally on top and sides of pads. Clean only one pad at a time.

   NOTE: Follow manufacturer's label recommendations when using cleaning fluids/disinfectants.

   d. Wipe sprayed surfaces with a clean lint-free cloth dampened with water to remove cleaning fluid. (Dampening cloth will minimize streaking.)
   e. Wipe the cleaned surfaces again with a clean, damp, lint-free cloth to remove any remaining residue.
   f. Wipe the cleaned surfaces again with a clean, dry, lint-free cloth to remove all moisture.
   g. Repeat steps c, d, e and f for bottom of pads.
   h. Holding can 6-8" (150-200 mm) from surface, spray cleaning fluid liberally on tabletop surfaces exposed when pads are removed.
   i. Repeat steps d, e and f for tabletop surfaces exposed when pads are removed.
   j. Place pads back onto tabletop by aligning with sides of table and pressing into place on the Velcro® (Velcro Corp.) fasteners.

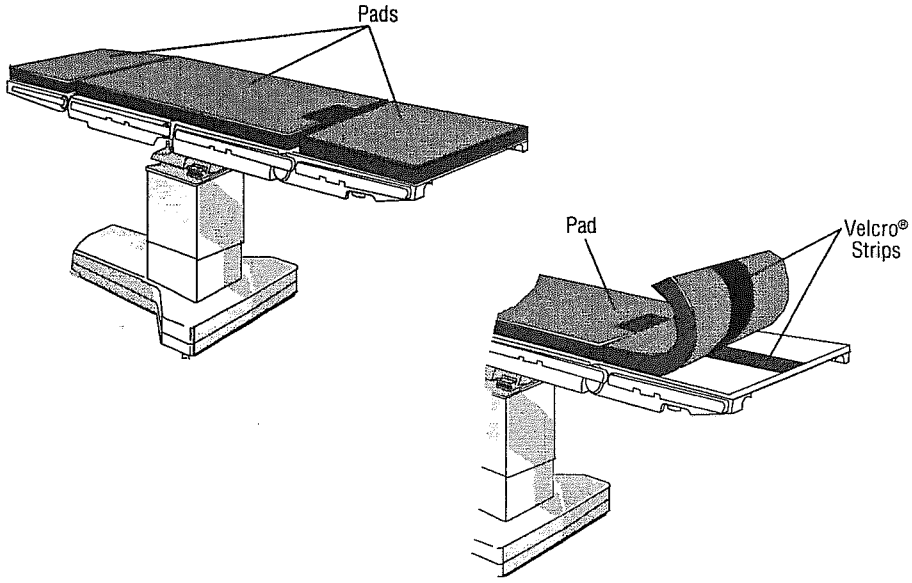


Figure 6-1. Remove Pads for Cleaning

⚠ CAUTION: Cleaning procedures requiring articulation of the table should be performed only by persons familiar with table operation.

⚠ CAUTION: Do not spray cleaning fluid into electric receptacles and avoid spraying directly on override switches or into clearance space above column. Spray or drippage may settle onto electric circuits inside table causing corrosion and loss of function.

3. Raise table to maximum elevation to access the lower surfaces.
4. Clean column skirt, cap and shrouds, and entire base surface as follows:
   a. Holding can 6-8" (150-200 mm) from surface, spray cleaning fluid liberally on column skirt, cap and shrouds.
   b. Wipe sprayed surfaces with a clean cloth dampened with water to remove cleaning fluid. (Dampening cloth will minimize streaking.)
   c. Wipe the cleaned surfaces again with a clean, damp, lint-free cloth to remove any remaining residue.
   d. Repeat steps a, b and c for base surface.
5. Turn control OFF when finished with cleaning tabletop and base.
6. Clean hand control as follows:
   a. Disconnect hand control from table.
   b. Holding can 6-8" (150-200 mm) from surface, spray cleaning fluid liberally on hand control and cord.
   c. Wipe sprayed surface with a clean cloth dampened with water to remove cleaning fluid.
   d. Wipe the cleaned surfaces again with a clean, damp, lint-free cloth to remove any remaining residue.
   e. Reconnect hand control to table, and store by attaching to table side rail.

⚠ CAUTION: Hang the hand control from side rail (or end rail) of the table when not in use to avoid possible damage to the control.

» End-of-Day

Perform all steps of the post-usage cleaning procedure.

» Weekly

⚠ CAUTION: Cleaning procedures requiring articulation of the table should be performed only by persons familiar with table operation.

⚠ CAUTION: Do not spray cleaning fluid into electric receptacles and avoid spraying directly on override switches or into clearance space above column. Spray or drippage may settle onto electric circuits inside table causing corrosion and loss of function.

1. Perform steps 1 through 4 under the Post-Usage cleaning procedure.
2. Articulate the table through all movements and clean all additional exposed surfaces during these articulations as follows:
   a. Holding can 6-8" (150-200 mm) from surface, spray cleaning fluid liberally on surface to be cleaned.
   b. Wipe sprayed surfaces with a clean cloth dampened with water to remove cleaning fluid. (Dampening cloth will minimize streaking.)
   c. Wipe the cleaned surfaces again with a clean, damp, lint-free cloth to remove any remaining residue.
3. Turn control OFF when finished with cleaning procedures.

Bi-weekly Maintenance

⚠ WARNING - PERSONAL INJURY AND/OR EQUIPMENT DAMAGE HAZARD: Repairs and adjustments to this equipment must be made only by fully qualified service personnel. Non-routine maintenance performed by inexperienced, unqualified personnel or installation of unauthorized parts could cause personal injury, invalidate the warranty, or result in costly damage. Contact STERIS Engineering Service regarding service options.

1. Charge batteries per "Battery Charging Procedure" later in this section.

   NOTE: Battery-powered tables should have batteries charged a minimum of 38 hours every two weeks (more often if table usage demands).

2. Operate each table function. Operation should be smooth and quiet.

   If it is not, call your local STERIS representative who will promptly arrange to have the table placed in proper working order by a factory-trained service technician.

Monthly Maintenance

1. Clean casters and floor locks (see Figure 6-2).
2. Lightly lubricate caster bearings with Lubriplate No. 2 (R-6400-826)*, or equivalent.

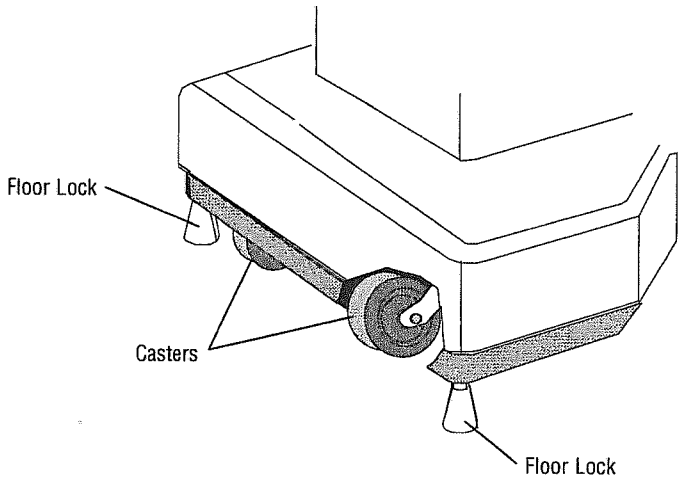


Figure 6-2. Casters and Floor Locks

* *Available from your STERIS representative.*

Battery Charging Procedure

» Electric-powered Tables

Control batteries* are recharged automatically when table is being used and do not require additional charging.

» Battery-powered Tables

⚠ WARNING – PERSONAL INJURY AND/OR EQUIPMENT DAMAGE HAZARD: Repairs and adjustments to this equipment must be made only by fully qualified service personnel. Non-routine maintenance performed by inexperienced, unqualified personnel or installation of unauthorized parts could cause personal injury, invalidate the warranty, or result in costly damage. Contact STERIS Engineering Service regarding service options.

⚠ WARNING–TRIPPING HAZARD: Route the power cord to the receptacle in a position so that it will not be tripped over by personnel in the area.

Motor and control batteries* will require recharging on a periodic basis depending on frequency of table usage. Low or discharged battery conditions are indicated by LEDs on the hand control as explained in Section 7, "Hand Control Diagnostic Chart".

Lead acid batteries last longer if NOT fully discharged. Therefore, to obtain the longest life and capacity from your 3085 batteries, always connect AC power cord to table base and plug into an appropriate AC receptacle as often as possible, and as long as possible. If this is not always possible, recharge batteries at the following times:

- When the table is first put into service.
- Every 2 weeks when the table is in normal service; more often if usage demands.
- Whenever a low battery indicator LED is on.
- If the table remains in extended storage for longer than 6 months; batteries must be charged every 6 months.

NOTE: If batteries will not charge, refer to Section 7 for possible causes and corrective actions.

Recharge batteries as follows:

1. Connect AC power cord to table base and plug into an appropriate AC receptacle (see Figure 6-3).
2. Allow a **minimum of 48 hours** for full battery charge. See chart below:

Charging Time	Portion Charge
24 hours	90%
36 hours	95%
48 hours	100%

3. Verify low battery indicator LED is off and disconnect AC power.

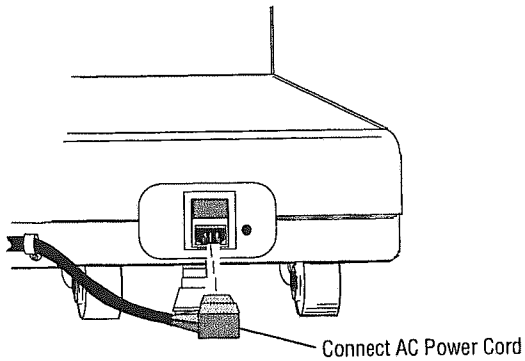


Figure 6-3. Charge Batteries

* *All motor and control batteries are a sealed, lead-acid gel electrolyte-type, with a nominal life of 4 years.*

TROUBLESHOOTING

7

⚠ WARNING – PERSONAL INJURY AND/OR EQUIPMENT DAMAGE HAZARD: Safe and reliable operation of this equipment requires regularly scheduled preventive maintenance, in addition to the faithful performance of routine maintenance. Contact STERIS Engineering Service to schedule preventive maintenance.

This section describes the types of table malfunctions most likely to occur, and probable causes and corrective actions. Use the Operator Troubleshooting Chart to identify general problems. Use the Hand Control Diagnostics Chart to identify problems as indicated by the hand control LEDs.

If you are unable to correct the problem with the use of the Operator Troubleshooting Chart or the Hand Control Diagnostics Chart, or if a problem occurs not described on the charts, please contact your STERIS Engineering Service representative. A trained service technician will promptly place your equipment in proper working order.

NOTE: Never permit unqualified persons to service the table.

Operator Troubleshooting Chart

PROBLEM	POSSIBLE CAUSE AND CORRECTIVE ACTION
1. Cannot turn table ON.	1. Hand control not connected – Connect per Section 3. 2. Hand control defective – Replace.
2. No power to pump motor; table will not articulate.	1. Table unplugged (electric-powered table only) – Plug in. 2. No facility power (electric-powered table only) – Turn facility power on. 3. F1 or F2 fuse blown (electric-powered table only) – Replace fuse(s) per Section 8. 4. AC power cord defective (electric-powered table only) – Replace power cord. 5. Batteries totally discharged (battery-powered table only) – Recharge batteries per Section 6. 6. Circuit breaker CB-1 tripped (electric-powered table only) – Reset per Section 8. 7. Circuit breaker CB-2 tripped (battery-powered table only) – Reset per Section 8.
3. Motor batteries will not charge (battery-powered table only).	1. Circuit breaker CB-4 tripped – Reset per Section 8. 2. Circuit breaker CB-2 tripped – Reset per Section 8. 3. AC power cord defective – Replace power cord.

Hand Control Diagnostics Chart

NOTE: When power supplies are operational and the table is plugged into an AC receptacle, the ON touch pad green LED and AC power green LED will be on.

INDICATION	CONDITION	CORRECTIVE ACTION
1. Control ON – green AC LED is on and red BATTERY LED is flashing.	AC power connected; low or discharged batteries (battery-powered table only).	Charge batteries per Section 6.
2. Control ON – green BATTERY LED on and red BATTERY LED flashing.	Low or discharged batteries (battery-powered table only).	Charge batteries per Section 6. *NOTE: If batteries are totally discharged, control shutdown will occur after 3-1/2 minutes when table is in use or after 30 seconds if condition exists at power up.*
3. Control ON – green BATTERY LED (only) on when table plugged into AC receptacle.	Battery level acceptable; faulty battery charger or power circuit (battery-powered table only).	1. Check AC power cord – Replace power cord if necessary. 2. Check F1 and F2 fuses – Replace fuse(s) if necessary. 3. Reset circuit breaker CB-3. 4. Reset circuit breaker CB-4. 5. Reset circuit breaker CB-1.
4. All green, yellow, and red LEDs flashing.	No communication between table control and hand control.	1. Check hand control connection per Section 3. 2. Replace hand control if necessary.
5. Green ON LED flashing.	1. Optional foot control switch was actuated when hand control switched ON; control logic error disables foot control functions.	Turn hand control OFF, then ON to reset controls.
	2. Faulty foot control; foot control function is disabled.	Replace foot control.

Hand Control Diagnostics Chart (continued)

INDICATION	CONDITION	CORRECTIVE ACTION
6. All LEDs are off (not lit).	1. Hand control unplugged while table control ON; control automatically shuts off after 2 minutes.	Reconnect hand control per Section 3.
	2. AC power off (electric-powered table only); control automatically shuts off 6 hours after last function selected.	Reconnect AC power cord per Section 3.
	3. Floor locks off (battery-powered table only); control automatically shuts off 30 minutes after last function selected.	Activate floor locks per Section 3.
	4. AC power off (battery-powered table only); control automatically shuts off 24 hours after last function selected.	Reconnect AC power cord per Section 3.
7. Hand Control will not physically plug into the table.	1. Hand control plug will not slide into receptacle.	1. Check the control: The standard hand control has a 6-pin connector and will not fit the HERMES-Ready 3085 SP table.
		2. Check the control: The HERMES-Ready hand control has an 18-pin connector and will not fit the standard 3085 SP table.
		3. If plug or receptacle is deformed, it must be replaced.

NOTE: For troubleshooting of the optional HERMES-Ready system, refer to the HERMES Operating Room Control Center Operating and Maintenance Manual, provided with the HERMES System.

⚠ WARNING – PERSONAL INJURY AND/OR EQUIPMENT DAMAGE HAZARD: Repairs and adjustments to this equipment must be made only by fully qualified service personnel. Non-routine maintenance performed by inexperienced, unqualified personnel or installation of unauthorized parts could cause personal injury, invalidate the warranty, or result in costly damage. Contact STERIS Engineering Service regarding service options.

The material in this section is provided to allow for servicing components of the table most likely to need attention. These procedures are more advanced than cleaning and replacing expendables. These procedures should always be performed by an experienced, trained service technician.

Reset Circuit Breakers

Four circuit breakers (CB-1, CB-2, CB-3 and CB-4) protect various table components* and may be reset if tripped by a fault condition. When tripped, the circuit breaker will pop out and is readily detectable.

Reset circuit breakers as follows:

1. Lower foot pedal on table base to access the circuit breakers (located on right of opening when foot pedal is down). See Figure 8-1.
2. Press in on the protective boot covering the circuit breaker to reset.
3. Raise foot pedal back into stored position.

* *CB-1 protects power transformer.*
CB-2 protects motor batteries and has extra internal manual on/off switch.
CB-3 protects motor battery charger.
CB-4 protects control power supply.

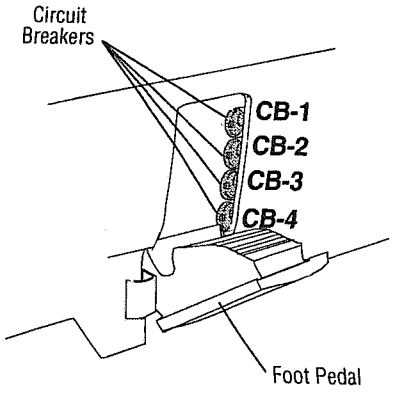


Figure 8-1. Circuit Breakers

Change Fuses

Two replaceable fuses (F1 and F2) are located in a cartridge above the AC input in the table base. If one or both of the fuses are blown by a fault condition, replace as follows:

1. Disconnect AC power cord from wall receptacle and table base input (see Figure 8-2).
2. Pry cartridge out with a small screwdriver to access the fuses.
3. Remove blown fuse(s) and replace. Refer to Table 8-1 for correct rating and part number of fuses.
4. Push cartridge back into connected position and reconnect AC power cord to table. Plug cord into wall receptacle.

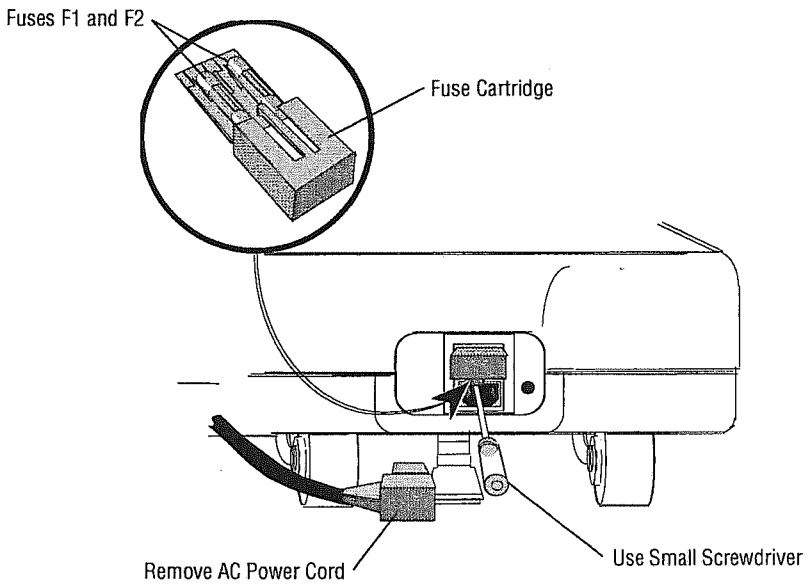


Figure 8-2. Fuse Location

Two replaceable fuses (F3 and F4) are located internal to the table. These require removal of the base shroud for access. Replacement of these fuses must be made only by a fully qualified service technician. Refer to Table 8-1 for correct rating and part number of fuses.

Disconnect the Motor Battery

CB-2 circuit breaker, in addition to being a protective device, includes an internal, manually operated ON/OFF switch. If necessary, the motor battery can be disconnected from the table circuit as follows:

1. Press in on the protective boot covering the CB-2 circuit breaker until a "click" is felt.
2. Release the button.
3. In the OFF position, the button is popped out much the same as when the circuit breaker is tripped. To reset, see "Reset Circuit Breakers" at the beginning of this section.

Replacement Parts

The parts listed in Table 8-1 are those that would be necessary to do minor maintenance on the Amsco 3085 SP Table.

To order replacement parts, proceed as follows:

1. Include the part number and description listed in Table 8-1.
2. Include the model and serial numbers of your equipment on your order.
3. Send your order directly to STERIS Customer Service.

Contact STERIS Customer Service if you need parts that are not listed in Table 8-1.

NOTE: Use only STERIS authorized parts on the equipment. Use of unauthorized parts will void the warranty.

Table 8-1. Amsco® 3085 SP™ Replacement Parts

Description	Part Number		Recommended Spares
Power Cord Types Available • USA Plug, USA Cord • USA Plug, IEC Cord • Schuko Plug, IEC Cord • Australian Plug, Orange Cord • English Plug, IEC Cord	P-93909-354 P-56397-682 P-56397-687 P-56397-686 P-56397-684	(see NOTE 2)	One (1) spare of the type you use. If your plug is not in this list, order the Power Cord type nearest to your applications, cut the plug off and install your plug in its place. Always use a grounded plug.
Fuse Applications *(see NOTES 3 and 4)*			
• 120 AC Volt Application F1 and F2 F3 F4	 P-93909-225 P-93909-222 P-89371-091	 (6 Amp, USA) (0.5 Amp, USA) (1 Amp, USA)	 10 5 5
• 120 AC Volt Application (Export): F1 and F2 F3 F4	 P-150823-292 P-129360-586 P-150823-248	 (6 Amp, IEC) (0.5 Amp, IEC) (1 Amp, IEC)	 10 5 5
• 100 AC Volt Application F1 and F2 F3 F4	 P-150823-292 P-129360-586 P-150830-131	 (6 Amp, IEC) (0.5 Amp, IEC) (1.6 Amp, IEC)	 10 5 5
• 220 AC Volt Application F1 and F2 F3 F4	 P-129360-587 P-129360-585 P-129360-586	 (4 Amp, IEC) (0.25 Amp, IEC) (0.5 Amp, IEC)	 10 5 5
• 230/240 AC Volt Application F1 and F2 F3 F4	 P-129360-587 P-129360-585 P-129360-586	 (4 Amp, IEC) (0.25 Amp, IEC) (0.5 Amp, IEC)	 10 5 5
Batteries	See NOTE 1		See NOTE 1

NOTES:

1. *This table uses lead-acid batteries. Lead-acid batteries normally are subject to self-discharge and battery-life deterioration in long-term storage. Therefore, STERIS does not recommend that batteries be procured and then stored as spare parts. If batteries are procured and stored, they should be kept covered and in a cool, dry area. Stored batteries should be recharged every 6 months to minimize life deterioration. Use a charging current commensurate with the battery amp-hour size. Charge to a floating charge voltage equivalent to 13.6-13.8 volts.*
2. *The cords are approximately 6 metre (20 feet) long, except for the Austrialian cord which is only 4 metre long.*
3. *USA fuses are AGC or ABC or MTH, and are also for use in Canada.*
4. *IEC fuses are IEC glass fuses. IEC fuses for F3 and F4 require IEC fuseholder, STERIS part number P-129360-654.*

DISPOSAL HAZARDS

⚠ WARNING - DISPOSAL HAZARD: This product contains materials which may require disposal through appropriately licensed and permitted hazardous waste management firms.

The following materials are contained within the Amsco® 3085 SP™ Table. When disposing of the table or its parts, ensure the proper disposal of hazardous and other regulated waste in compliance with federal, state, and local regulations.

- **Lead (Pb) Weight** – solid weight (P-146653-460, quantity = 1) located in the table base at the narrow end. Approximate weight = 90 lbs (41 kg).
- **Lead Acid (Pb/H_2SO_4)** – gelled cell batteries (P-93908-637, quantity = 2 and P-136806-806, quantity = 2 battery-powered table only) located in the table base in the narrow end. Approximate weight = 39 lbs (14 kg).
- **Mercury (Hg)** – in sealed glass tube electrical switches, contained in RTV potted Return-to-Level switch assemblies (P-136807-726, P-136807-727, and P-136807-728). Quantity = 3 assemblies per table (2 mercury switches per assembly). Two assemblies are located in the back section frame and one assembly is located in the seat section frame. Approximate total mercury per table = 18 grams.
- **Hydraulic Oil** – Chevron AW32 or equivalent (P-150823-197; service part P-764322-636). Oil is in the hydraulic components located in the base, on the column, in the seat section, in the back section, inside the column, and in all the hydraulic system lines and hoses. Approximate quantity = 0.9 US gallons (3.4 litres).
- **Gear Compound** – Chevron grade 680, located in the oiler pads in the column. Approximate amount = 1 ounce (28 grams).
- **Lead (Pb) in Solder** – contained in solder on circuit boards and in some miscellaneous wire connections. Minute amounts.
- **Electronic and Electrical Parts** – not known to require special disposal methods at date of this manual.
- **Metal Parts** – made from aluminum (Al), steel (Fe), cast iron (Fe), copper (Cu), and copper alloys (Cu/x), plastic, synthetic rubber, plating (Cr, Ni, Zn, Au), and adhesives not known to require special disposal methods at date of this manual.