

404

-001 thru -014

Manual Examination Table



Service and Parts Manual

Serial Number Prefixes:
AX, BB, DD, LB & V

NO LONGER IN PRODUCTION
Some service parts may not
be available for this product!

404 -001
thru
-014



FOR USE BY MIDMARK TRAINED TECHNICIANS ONLY

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(*) Indicates that there has been a serial number break for the illustration and that there are additional point page(s) following the original page.

IMPORTANT INSTRUCTIONS

General Safety Instructions

Safety First: The primary concern of Midmark Corporation is that this table is maintained with the safety of the patient and staff in mind. To assure that services and repairs are completed safely and correctly, proceed as follows:

- (1) Read this entire manual before performing any services or repairs on this table.
- (2) Be sure you understand the instructions contained in this manual before attempting to service or repair this table.

Safety Alert Symbols

Throughout this manual are safety alert symbols that call attention to particular procedures. These items are used as follows:



DANGER

A DANGER is used for an imminently hazardous operating procedure, practice, or condition which, if not correctly followed, will result in loss of life or serious personal injury.



WARNING

A WARNING is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in loss of life or serious personal injury.



CAUTION

A CAUTION is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in minor or moderate injury. It may also be used to alert against unsafe practices.



EQUIPMENT ALERT

An EQUIPMENT ALERT is used for an imminently or potentially hazardous operating procedure, practice, or condition which, if not correctly followed, will or could result in serious, moderate, or minor damage to unit.

NOTE

A NOTE is used to amplify an operating procedure, practice or condition.

Warranty Instructions

Refer to the Midmark "Limited Warranty" printed in the Installation and Operation Manual for warranty information. Failure to follow the guidelines listed below will void the warranty and/or render the 404 Examination Table unsafe for operation.

- In the event of a malfunction, do not attempt to operate the table until necessary repairs have been made.
- Do not attempt to disassemble table, replace malfunctioning or damaged components, or perform adjustments unless you are one of Midmark's authorized service technicians.
- Do not substitute parts of another manufacturer when replacing inoperative or damaged components. Use only Midmark replacement parts.

**SECTION I
GENERAL INFORMATION**

1.1 Description of 404 Medical Examination Table

A. General Description (See Figure 1-1).

The 404 Examination Table is an examination table designed specifically for performing general medical examinations and procedures.

The major serviceable components of the table are the back actuator handles, back actuation mechanism, back actuator gas cylinder, stirrups, heater ON / OFF switch (Optional), heater plate assembly (Optional), and the electrical receptacle (120 VAC shown).

The Canadian units (404-013 & -014) have two circuit breakers but no drawer heaters.

- Models **404-005 & -006** ... 115 VAC, 12 Amp, 60 Hz
- Models **404-007 & -008** ... 115 VAC, 12 Amp, 60 Hz
- Models **404-011 & -012** ... 230 VAC, 10 Amp, 50/60 Hz
- Models **404-013 & -014** ... 115 VAC Canadian Units.

B. Theory of Operation (See Figures 5-1 and 5-2 for wiring diagrams / electrical schematics)

Electrical Power:

Models 404-005 thru -008 & 404-011, & -012

Line voltage is continuously supplied to the electrical receptacles of 120 VAC and 220 VAC units.

Optional Heater Plate

Some units are equipped with the optional heater plate. When the operator turns the (N.O.) HEATER ON / OFF switch to ON, closing the circuit, power is supplied to the heater plate, heating the unit. This provides heat in the top, foot end drawer to warm instruments.

Models 404-013 & -014 (Canadian Units)

115 VAC line voltage is supplied thru the power cord and two 5 amp circuit breakers to electrical receptacles located on the side of the table. As long as the power cord is plug into a supply outlet 115 VAC and the circuit breakers are closed power will be present at the receptacles.

1.2 Specifications

Factual data for the 404 Examination Table is provided in Table 1-2. Also, see Figure 1-2.

Table 1-2. Specifications

Description	Data
Weight:	
Without Shipping Carton	290 lb (131.5 kg)
With Shipping Carton	330 lb (149.7 kg)
Shipping Carton	58 in. "L" x 31 in. "W" x 42 in. "H" (147.3 cm x 78.7 cm x 106.7 cm)
Dimensions (See Figure 1-2):	
Table Top Length	54-29/32 in. (139.5 cm)
Table Top Length (w/footrest extended)	72-7/8 in. (185.1 cm)
Table Top Width	27 in. (68.6 cm)
Overall Width	27 in. (68.6 cm)
Table Top Height:	31-3/4 in. (80.6 cm)
Table Top Positioning:	
Back Section	0 to +85°
Pelvic Lift (Seat Section)	+5°
Weight Capacity (Maximum)	300 lb. (136.0 kg)
Paper Roll:	21 x 3.5 in. paper roll (53.3 x 8.9 cm)
Electrical Requirements:	
120 VAC Unit	110 - 120 VAC, 60 HZ, 12 amp, single phase
220 VAC Unit	220 - 240 VAC, 50/60 HZ, 10 amp, single phase
Power Consumption:	
120 VAC Unit	65.0 WATTS, 0.6 amps @ 120 VAC
220 VAC Unit	50.0 WATTS, 0.25 amps @ 230 VAC
Recommended Circuit:	
A separate (dedicated) circuit is recommended for this table. The table <i>should not</i> be connected to an electrical circuit with other appliances or equipment unless the circuit is rated for the additional load.	

SECTION I GENERAL INFORMATION

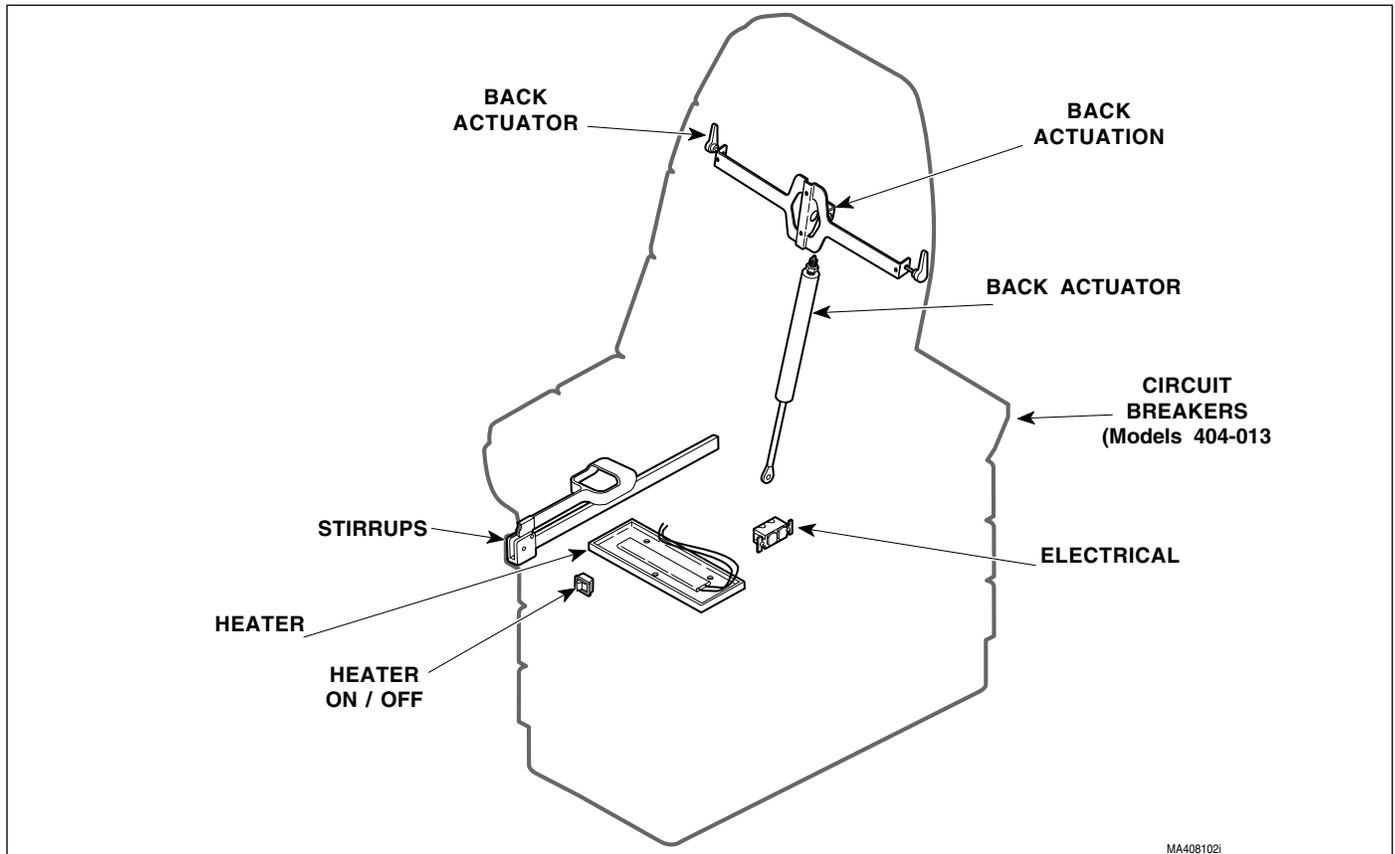


Figure 1-1. Major Components

1.3 Parts Replacement Ordering

If a part replacement is required, order the part directly from the factory as follows:

- (1) Refer to Figure 1-3 to determine the location of the model number and serial number of the table and record this data.
- (2) Refer to the Parts List to determine the item numbers of the parts, part numbers of the parts, descriptions of the parts, and quantities of parts needed and record this data (Refer to para 6.1).

NOTE

Ask the Purchasing Department of the company that owns the table for this information. Otherwise, this information may be obtained from the dealer that sold the table.

- (3) Determine the installation date of the table and record this data.
- (4) Call Midmark with the recorded information and ask for the Technical Service Department. See back cover of this manual for the phone number or use the Fax Order Form (See page 7-2 for Fax Order Form).

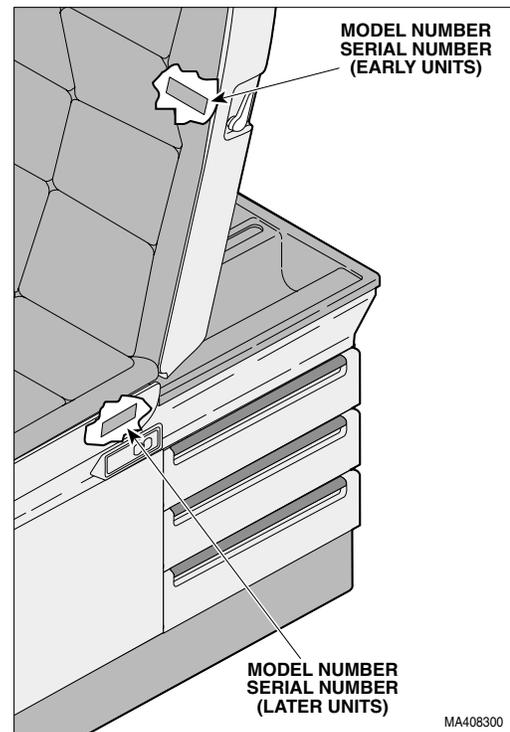


Figure 1-3. Model Number / Serial Number Location

SECTION I GENERAL INFORMATION

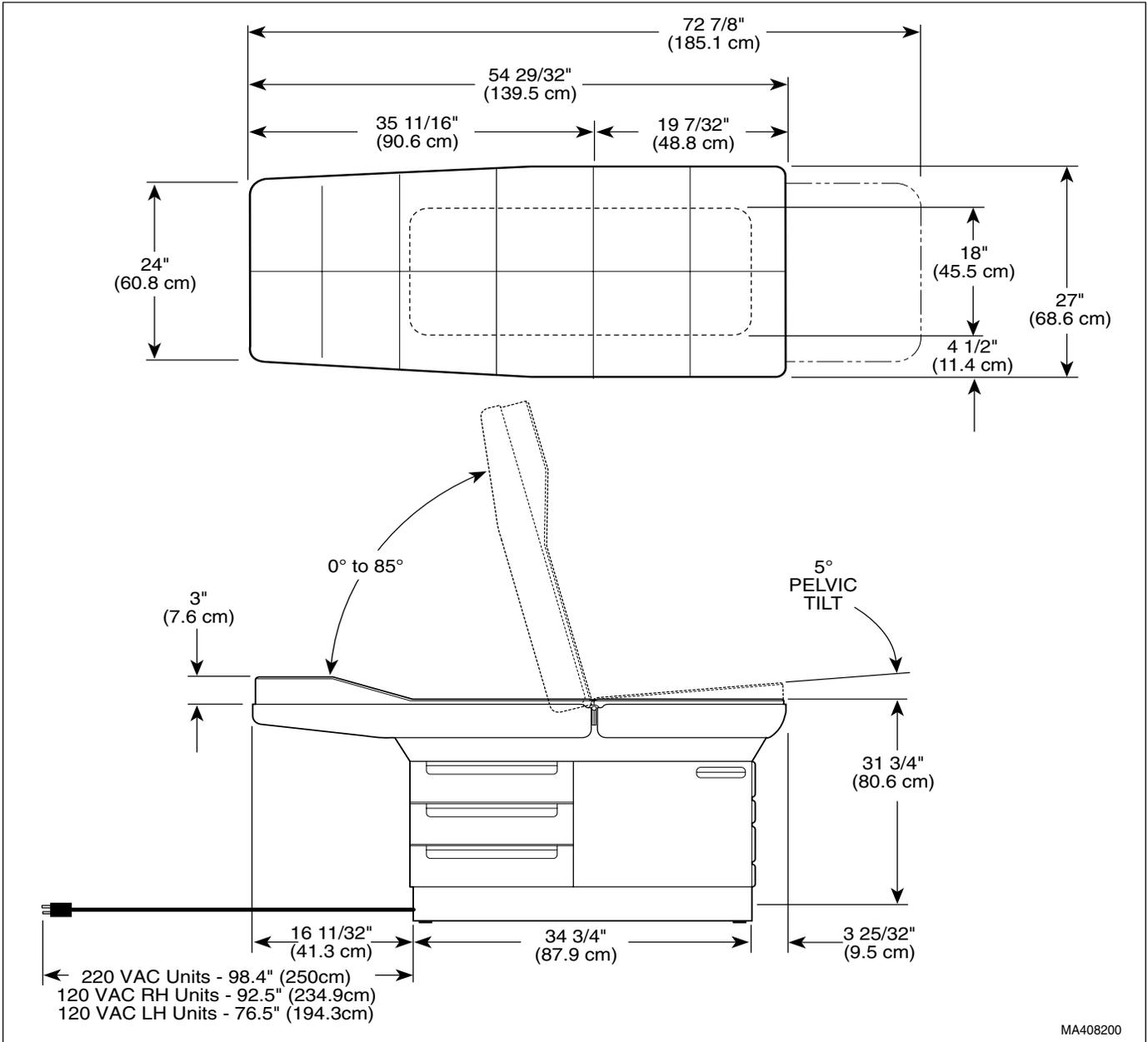


Figure 1-2. Table Dimensions

1.4 Special Tools

Table 1-3 lists all of the special tools needed to repair the table, how to obtain the special tools and the purpose of each special tool.

Table 1-3. Special Tool List

Description of Special Tool	Manufacturer's Name / Address / Phone	Manufacturer's Part Number	Purpose of Special Tool
Multimeter	Commercially Available	Any Type	Used to perform continuity and voltage checks.
Torque Wrench	Commercially Available	Any Type	Used to tighten nuts or screws to specified values.

**SECTION I
GENERAL INFORMATION**

**SECTION II
TESTING AND TROUBLESHOOTING**

2.1 Operational Test

In order to effectively diagnose the malfunction of the table, it may be necessary to perform an operational test as follows (Refer to Figure 2-1):



WARNING

Refer to the Operator Manual for complete instructions on operating the table. Failure to do so could result in personal injury.

NOTE

The Operational Test, for the most part, only describes what should happen when the table is operated. If the table does something other than described, a problem has been discovered. Refer to the Troubleshooting Guide to determine the cause of the problem and its correction.

- (1) Plug the table into a grounded, non-isolated, correctly polarized outlet, that has the proper voltage output for the table.
- (2) Using a multimeter, check for proper voltage at the table's electrical receptacle.

Observe. There should be 110 to 120 VAC present at a 120 VAC unit receptacle, and 220 to 240 VAC present at a 220 VAC unit receptacle.

- (3) If the unit has the optional heater, turn the HEATER ON / OFF switch to ON.

Observe. The HEATER ON / OFF switch should illuminate and after a short wait, the heater plate should warm the warming drawer.

Turn the HEATER ON / OFF switch to OFF.

- (4) Pull footrest assembly out all the way.

Observe. The footrest assembly should extend easily; not requiring more than 12 lbs (5.4 kgs) initial pull out force. The footrest assembly should hit stops at the end of its travel, preventing accidental removal.

- (5) Squeeze the back actuator handle and raise the back section all the way up.

Observe. The back actuator handle should not feel loose; it should be secure. The back actuator gas cylinder should extend and hold firmly without drifting or feeling spongy. The back actuator should be able to be raised to +85°.

- (7) Apply pressure to the back section to check for drifting. Then squeeze the back actuator handle and lower the back section all the way down.

Observe. The back actuator gas cylinder should not drift when pressure is applied to back section. The back actuator gas cylinder should retract and hold firmly without drifting or feeling spongy. The back actuator should be able to be lowered to a horizontal position (+3°).

- (8) Extend the footrest assembly. Then, lift up on the footrest upholstery.

Observe. The footrest lift bar should automatically raise up into its locked position, supporting the footrest upholstery.

To lower footrest upholstery to stored position, raise up slightly on footrest upholstery; then grasp footrest lift handle and rotate the footrest lift bar downward while lowering footrest upholstery down into stored position.

- (9) Lift up on the seat section slightly.

Observe. The pelvic lift bar should automatically raise up into its locked position, supporting the seat section in the pelvic lift position (+5° above horizontal).

To lower the seat section to standard position, raise up slightly on seat section; then grasp pelvic lift handle and rotate the pelvic lift bar downward while lowering seat section down.

NOTE

Step 10 applies only to units with new style stirrups.

SECTION II TESTING AND TROUBLESHOOTING

- (10) Extend the stirrups; then lift up on the end of each stirrup and move them laterally from the left to the right. Let the stirrups lock into each of the four positions. While applying downward pressure, attempt to move each stirrup laterally to the left and to the right.

Observe. The stirrups should slide out easily and move freely from left to right when raised. The stirrups should lock into each of the four positions and should not move laterally as long as downward pressure is applied.

- (11) Check operation of each drawer.

Observe. The drawers should slide easily. All drawer rollers should move freely in the drawer tracks.

- (12) Check operation of step.

Observe. The step should pull out easily. The step should drop into locked position when it is fully extended and should not pull out of table.

2.2 Troubleshooting Procedures

Table 2-1 is a Troubleshooting Guide which is used to determine the cause of the malfunction.

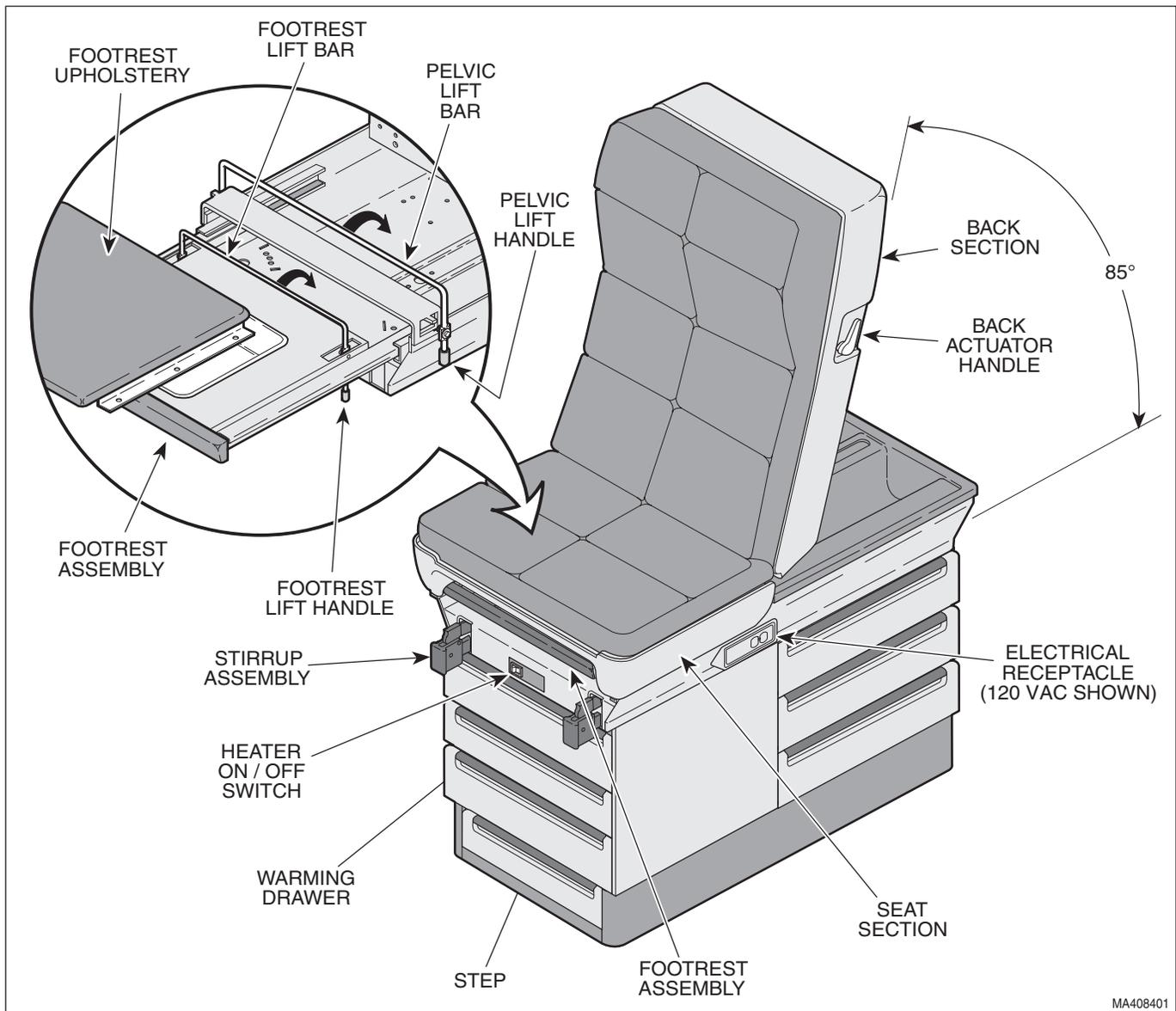


Figure 2-1. Operational Test

SECTION II TESTING AND TROUBLESHOOTING

Table 2-1. Troubleshooting Guide

Problem	Symptom	Probable Cause	Check	Correction
Electrical receptacle or optional drawer warmer not working.	No power is available at electrical receptacle and heater ON / OFF switch does not illuminate when pressed.	Power cord is not plugged into facility wall outlet.	Check to see if power cord is plugged in.	Plug power cord into facility wall outlet.
		Facility circuit breaker providing power to table is tripped / blown.	Check to see if facility circuit breaker is tripped / blown. One way of checking this is to plug a lamp into wall outlet that table was plugged into.	If circuit breaker is tripped, determine what caused circuit breaker to trip, correct the problem, and then reset / replace circuit breaker.
		Wire connections are loose.	Check all wiring connections from power cord to electrical receptacle and heater ON / OFF switch. Perform continuity check on wires. Use multimeter to check for proper voltage levels.	Clean any dirty connections. Tighten any loose connections. Replace any damaged connections.
		Fuse(s) blown (<i>applies to 220 VAC CE units only</i>).	Perform continuity check on fuses.	Replace fuse(s). Refer to para 4.14.
		AC inlet malfunctioning (<i>applies to 220 VAC CE units only</i>).	Replace suspect AC inlet with known working AC inlet.	Replace AC inlet. Refer to para 4.13.
Back section drifts down or up on its own, is hard to raise up or lower, or will not actuate in either direction.	Back section drifts downward or upward on its own.	Back actuator gas cylinder needs adjusted (the gas cylinder is screwed in too far, causing it to be actuated continually).	Apply pressure to back section while observing for drift.	Adjust gas cylinder. Refer to para 4.10.
		Setscrew (located at rear of back actuator mechanism) is screwed in too far (this causes gas cylinder to be actuated slightly which allows back section to drift upward).	Unscrew setscrew a few turns and then observe.	Adjust the back actuator handles. Refer to para 4.9.
		Back actuator gas cylinder is malfunctioning.	Replace suspect gas cylinder with known working gas cylinder.	Replace gas cylinder. Refer to para 4.10.
	When back actuator handle is squeezed, the back actuator gas cylinder does not respond.	Back actuator gas cylinder needs adjusted (the gas cylinder is not screwed in far enough to allow it to be actuated).	Squeeze back actuator handle and observe: Does the cam inside the actuation mechanism contact the top of the gas cylinder to actuate it? If not, gas cylinder needs adjusted.	Adjust gas cylinder. Refer to para 4.10.

SECTION II TESTING AND TROUBLESHOOTING

Table 2-1. Troubleshooting Guide - Continued

Problem	Symptom	Probable Cause	Check	Correction
Back section drifts down or up on its own, is hard to raise up or lower, or will not actuate in either direction. -Continued	When back actuator handle is squeezed, the back actuator gas cylinder does not respond. -Continued	Back actuator gas cylinder is malfunctioning.	Replace suspect gas cylinder with known working gas cylinder.	Replace gas cylinder. Refer to para 4.10.
	When back actuator is squeezed, the back section can be raised or lowered, but requires excessive force to do so.	Back actuator gas cylinder needs adjusted (the gas cylinder is not screwed in far enough to allow it to be actuated properly).	Squeeze back actuator handle and observe: Does the cam inside the actuation mechanism contact the top of the gas cylinder to actuate it? If not, gas cylinder needs adjusted.	Adjust gas cylinder. Refer to para 4.10.
		Back actuator gas cylinder is malfunctioning.	Replace suspect gas cylinder with known working gas cylinder.	Replace gas cylinder. Refer to para 4.10.
Drawer warmer is not working.	Heater plate assembly does not warm up when heater ON / OFF switch is turned ON.	Heater ON / OFF switch is malfunctioning.	When heater switch is turned to ON, heater switch should illuminate (this indicates that there is power present at output terminals of switch).	If heater ON / OFF switch does not illuminate when turned ON, replace heater switch. Refer to para 4.4.
		Heater plate assembly is malfunctioning	Replace suspect heater plate assembly with known working heater plate assembly or check for continuity thru heater plate assembly wires.	Replace heater plate assembly. Refer to para 4.5.
		Wire connections are loose.	Check all wiring connections from power heater ON / OFF switch to heater plate assembly. Perform continuity check on wires. Use multimeter to check for proper voltage levels.	Clean any dirty connections. Tighten any loose connections. Replace any damaged connections.
Electrical receptacle is not working.	Table power cord is plugged into wall, but there is still no power at electrical receptacle.	Circuit Breaker(s) tripped (Models 404-013 & -014)	Check if Circuit Breaker(s) is tripped.	Reset Circuit Breaker(s)
		Electrical receptacle is malfunctioning.	Replace suspect electrical receptacle with known working electrical receptacle.	Replace electrical receptacle. For 120 VAC units: Refer to para 4.11. For 220 VAC units: Refer to para 4.12.
		Wire connections are loose.	Check all wiring connections from power cord to duplex receptacle. Perform continuity check on wires. Use multimeter to check for proper voltage levels.	Clean any dirty connections. Tighten any loose connections. Replace any damaged connections.

SECTION II TESTING AND TROUBLESHOOTING

Table 2-1. Troubleshooting Guide - Continued

Problem	Symptom	Probable Cause	Check	Correction
Electrical receptical is not working. -Continued	Table power cord is plugged into wall, but there is still no power at electrical receptical. - Continued	AC inlet is malfunctioning <i>(applies to 220 VAC CE units only)</i> .	Replace suspect AC inlet with known working AC inlet.	Replace AC inlet. Refer to para 4.13.
		Fuse(s) blown <i>(applies to 220 VAC CE units only)</i> .	Perform continuity check on fuse(s).	Replace fuse(s). Refer to para 4.14.
Stirrups do not work correctly.	Stirrups do not lock into one of four lateral positions.	Stirrup locking mechanism is worn or malfunctioning.	Replace suspect stirrup components with known working stirrup components.	Replace stirrup components. Refer to para 4.6A or 4.6B.

**SECTION II
TESTING AND TROUBLESHOOTING**

**SECTION III
SCHEDULED MAINTENANCE**

3.1 Scheduled Maintenance

periodically on the table. These inspections and services should be performed as often as indicated in the chart.

Table 3-1 is a Scheduled Maintenance Chart which lists the inspections and services that should be performed

Table 3-1. Scheduled Maintenance Chart

Interval	Inspection or Service	What to Do
Semi-annually	Obvious damage	Visually check condition of table for obvious damage such as: cracks in components, missing components, dents in components, or any other visible damage which would cause table to be unsafe to operate or would compromise its performance. Repair table as necessary.
	Fasteners / hardware	Check table for missing or loose fasteners / hardware. Replace any missing hardware and tighten any loose hardware as necessary.
	Warning and instructional decals	Check for missing or illegible decals. Replace decals as necessary.
	Pivot points / moving parts / accessories	Lubricate all exposed pivot points, moving parts, and accessories with silicone based lubricant.
	Gas Cylinder Assembly	Check each gas cylinder assembly for drift. Replace the gas cylinder and/or components as necessary. Refer to para 4.9 or 4.10.
	Heater Plate	Check that the heater plate warms up properly when the heater switch is turned to ON. The heater switch should illuminate when in the ON position. If necessary, replace heater switch or heater plate. Refer to para 4.4 or 4.5.
	Stirrups	Check that the stirrups extend easily and lock positively in one of the three/four lateral positions. Replace stirrup components if necessary. Refer to para 4.6A or 4.6B.
	Footrest	Check that the footrest pulls out smoothly and does not make noise. Lubricate all moving components with silicone based lubricant. Refer to para 4.7.
	Footrest Lift	Check that the spring loaded footrest lift is operating properly. Replace springs if necessary.
	Pelvic Tilt	Check that the spring loaded pelvic tilt is operating properly. Replace springs if necessary.
	Electrical receptacle	Check that the electrical receptacle is functioning properly. Replace receptacle as necessary. For 120 VAC units: Refer to para 4.11. For 220 VAC units: Refer to para 4.12.
	Upholstery	Check all upholstery for rips, tears, or excessive wear. Replace cushions as necessary. Refer to para 4.2.
	Accessories	Check that all accessories have all of their components and that they function properly. If necessary, repair or replace the accessory.
Operational Test	Perform an Operational Test to determine if the table is operating within its specifications (Refer to para 2.1). Replace or adjust any malfunctioning components.	

**SECTION IV
MAINTENANCE / SERVICE INSTRUCTIONS**

4.1 Introduction



WARNING

Refer to the Operator Manual for complete instructions on operating the examination table. Failure to do so could result in personal injury.

NOTE

Perform an operational test on the table after the repair is completed to confirm the repair was properly made and that *all* malfunctions were repaired.

The following paragraphs contain removal, installation, repair, and adjustment procedures for the table.

4.2 Upholstery Removal / Installation

A. Removal

NOTE

For best results, the back section should be positioned at 45°.

(1) Remove the back / seat upholstery (1, Figure 4-1) by grasping both sides of the seat portion (A) of the upholstery and slowly pulling away from the plastic seat assembly (2). The cushions are held in place with velcro strips (3).

(2) Repeat the above procedure for the back portion (B) of the back / seat upholstery.

B. Installation

(1) Install the back / seat upholstery (1) by lining up the seat portion (A) of the upholstery to the plastic seat assembly (2). Make sure it is flush with the front of the plastic seat assembly. Fasten the velcro strips (3) by firmly pressing down against the upholstery.

(2) Position the back portion (B) of the back / seat upholstery (1) so it is flush with the top of the plastic back assembly (4). Fasten the velcro strips (3) by firmly pressing down against the upholstery.

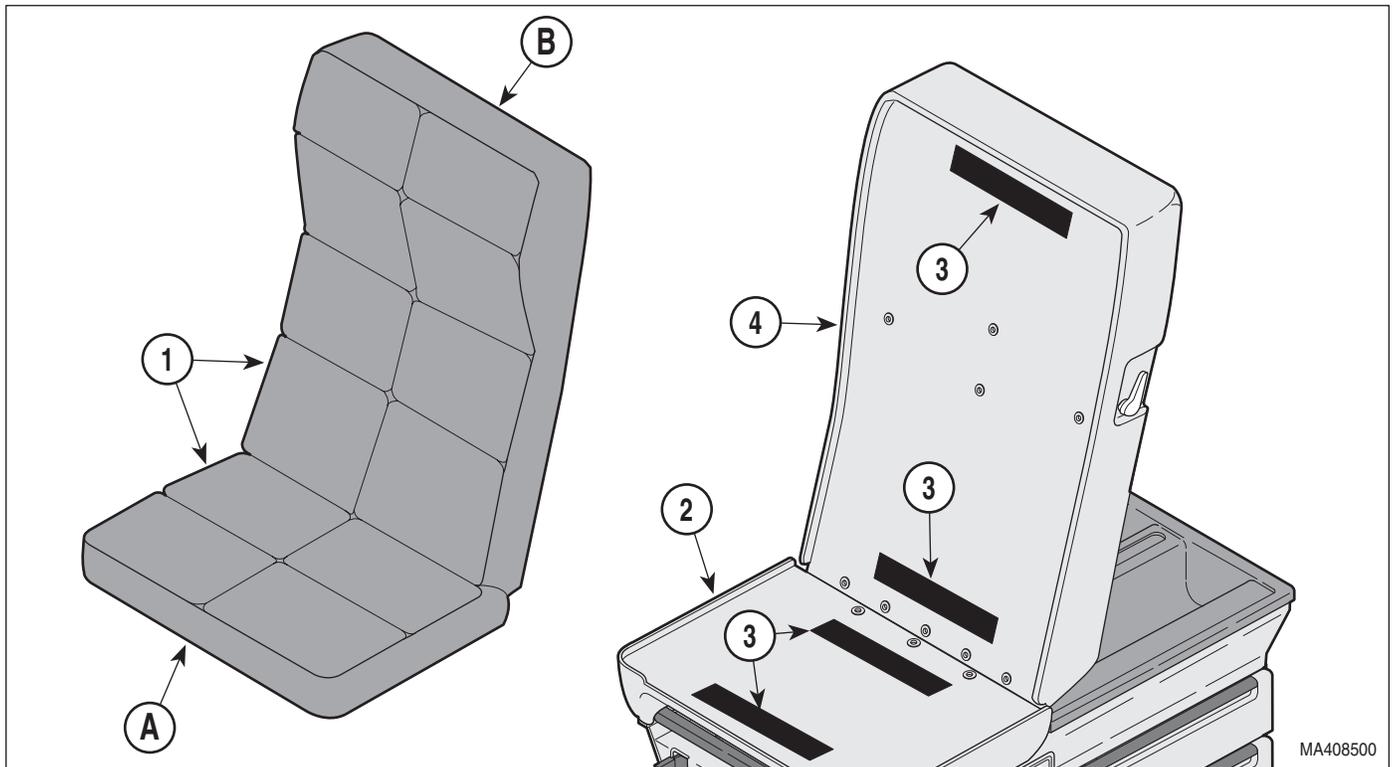


Figure 4-1. Upholstery Removal / Installation

SECTION IV MAINTENANCE / SERVICE

4.3 Drawer Removal / Installation

A. Removal

- (1) Pull drawer out to full extension
- (2) Lift front edge of drawer to slight upward angle (1, Figure 4-2). and pull drawer from table.

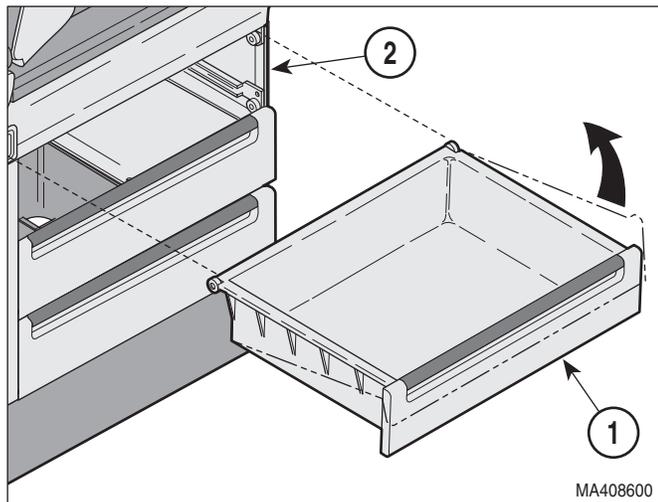


Figure 4-2. Drawer Removal / Installation

B. Installation

- (1) Line up rollers on rear of drawer with slides in table (2).
- (2) Lower the roller onto the slides (2) keeping the front of the drawer (1) raised slightly.
- (3) Begin to push the drawer into the table. As the drawer begins to contact the top of the slide, lower the drawer to a horizontal position and push in the remaining distance.

4.4 Heater ON / OFF Switch Removal / Installation

A. Removal



WARNING

Always unplug the power cord from the wall outlet before removing any of the table's shrouds/covers or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in severe personal injury or death.

- (1) Unplug table power cord from wall outlet.
- (2) Using a standard screwdriver, carefully pry heater switch (1, Figure 4-3) out of upper wrap weldment (2), making sure not to scratch table.
- (3) Tag and disconnect four wires (3) from heater switch (1).

B. Installation

- (1) Connect four wires (3) to heater switch (1).
- (2) Push heater switch (1) into upper wrap weldment (2) until heater switch "pops" into place.
- (3) Plug table power cord into wall outlet.

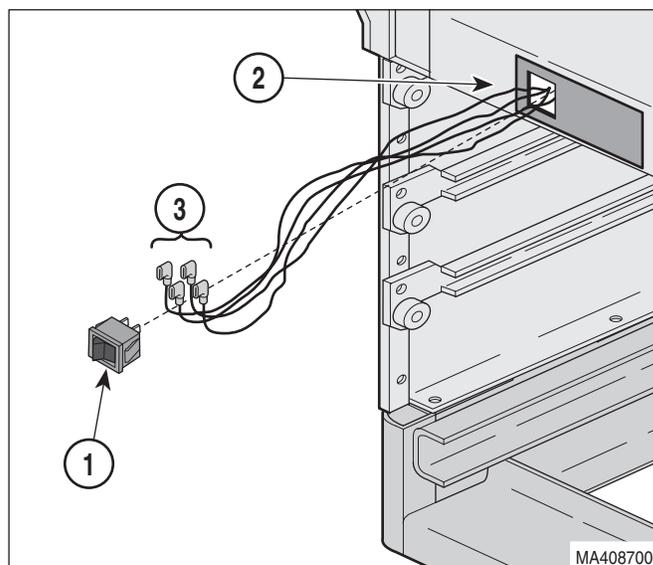


Figure 4-3. Heater On / Off Switch Removal / Installation

4.5 Heater Plate Removal / Installation

A. Removal



WARNING

Always unplug the power cord from the wall outlet before removing any of the table's shrouds/covers or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in severe personal injury or death.

- (1) Unplug table power cord from wall outlet.
- (2) Remove two drawers (1, Figure 4-4) from foot end of table.
- (3) Remove heater ON / OFF switch (Refer to para 4.4).
- (4) Pull foot rest section (2) out as far as it will go.
- (5) Raise seat section (3) up.

NOTE

Early units have a heater wire cover while later units use a stirrup guide.

- (6) Remove four screws (4) and stirrup guide (5) **or** two screws (4) and heater wire cover (6) from upper wrap weldment (7).
- (7) Remove any wrap-n-tap cables (8) securing heater plate (9) wiring to upper wrap weldment (7).

NOTE

Spacers are only used on older units with a flat profile heater plate. Also, old style heater plates are secured with three screws (10) while new style heater plates are secured with two screws (10).

- (8) Remove screws (10), heater plate (9), spacers (11) (old style heater plate only), and insulation (12) from upper wrap weldment (7).

B. Installation

- (1) Route heater plate (9) wires thru insulation (12) and wire hole (A) in upper wrap weldment (7).

NOTE

Spacers (11) are only used on old style heater plates. Also, old style heater plates are secured with three screws (10) while new style heater plates are secured with two screws (10).

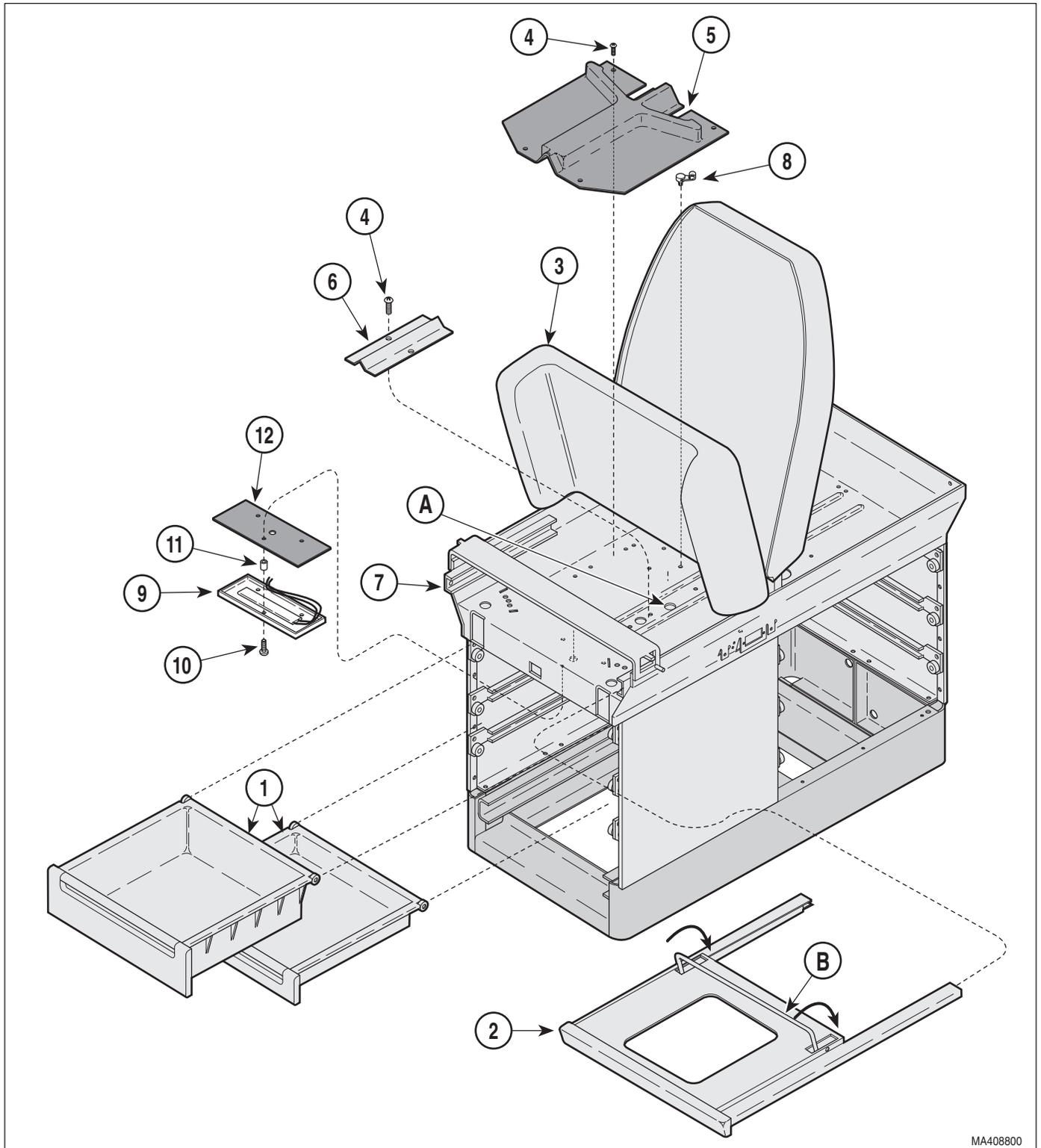
- (2) Install insulation (12), spacers (11) (old style heater plate only), and heater plate (9) on upper wrap weldment (7) and secure with screws (10).
- (3) Install heater ON / OFF switch (Refer to para 4.4).
- (4) Secure heater plate (9) wires to upper wrap weldment (7) with wrap-n-tap cables (8).

NOTE

Early units have a heater wire cover while later units use a stirrup guide.

- (5) Install heater wire cover (6) on upper wrap weldment (7) and secure with two screws (4) **or** install stirrup guide (5) on upper wrap weldment (7) and secure with four screws (4).
- (6) Lower seat section (3).
- (7) While holding footrest lift (B) down, push foot rest section (2) all the way in to its stowed position.
- (8) Install two drawers (1) in table.
- (9) Plug table power cord into wall outlet.

**SECTION IV
MAINTENANCE / SERVICE**



MA408800

Figure 4-4. Heater Plate Removal / Installation

4.6A Stirrup Components Removal / Installation

NOTE

This procedure applies only to units using Stirrup Assembly #029-0152-00.

A. Removal

- (1) Raise seat section (1, Figure 4-5) up.
- (2) Pull foot rest section (2) out all the way.

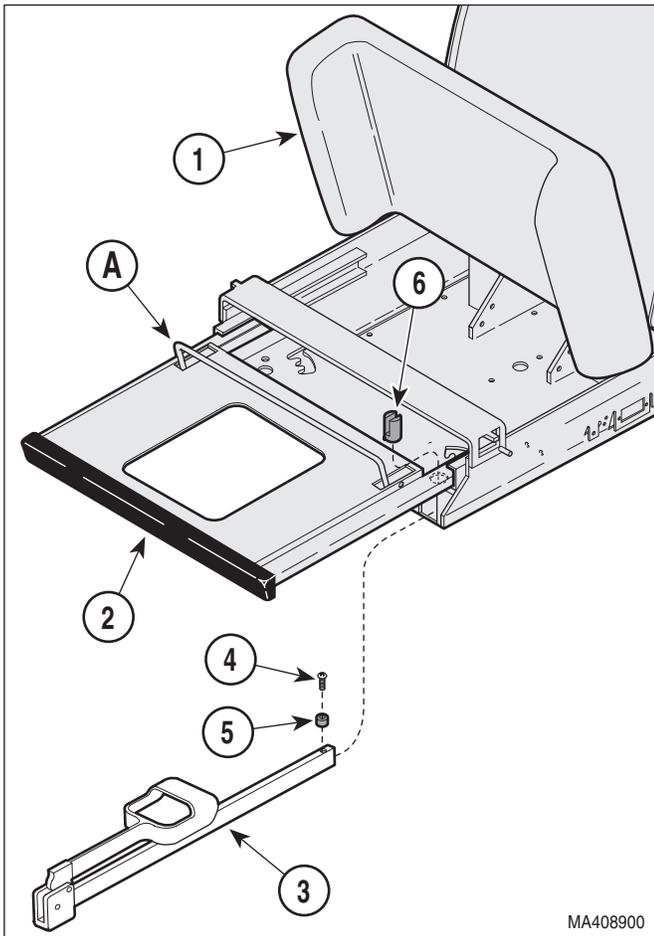


Figure 4-5. Stirrup Components Removal / Installation

- (3) Pull stirrup (3) out far enough to access screw (4).
- (4) Remove screw (4) and spacer (5) from stirrup (3).

- (5) Pull stirrup (3) out of pivot boss (6).

B. Installation

- (1) Slide stirrup (3) into pivot boss (6).
- (2) Install spacer (5) and screw (4) on stirrup (3).
- (3) While holding footrest lift (A) down, push foot rest section (2) all the way in to its stowed position.
- (4) Lower the seat section (1).

4.6B Stirrup Components Removal / Installation

NOTE

This procedure applies to all units using Stirrup Assembly #029-1277-01 and newer.

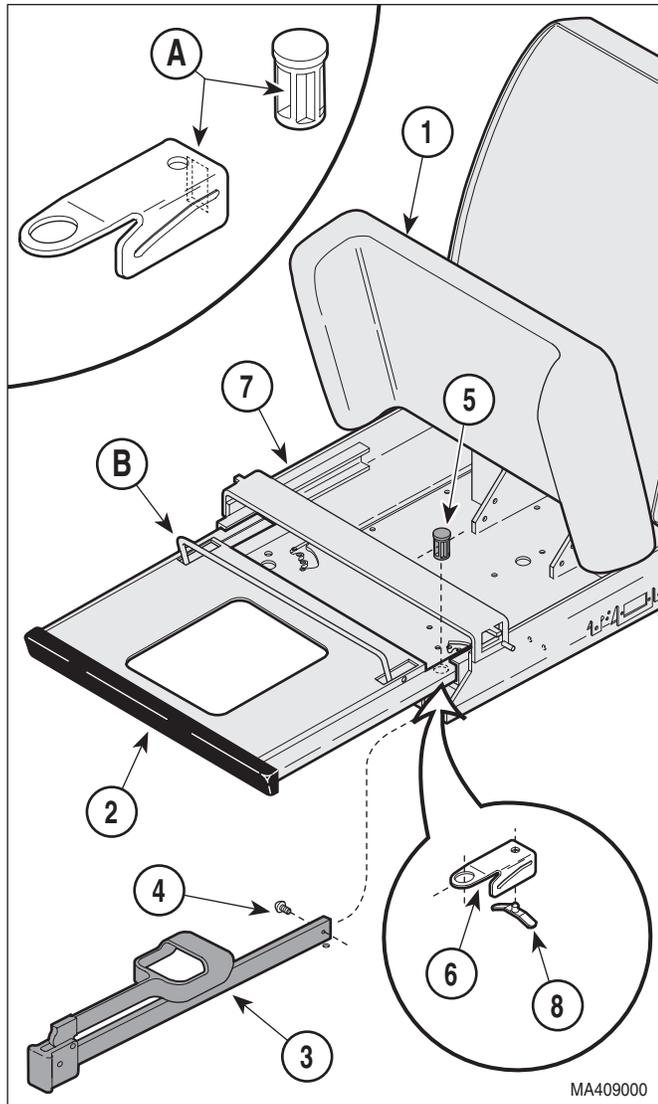
A. Removal

- (1) Raise seat section (1, Figure 4-6) up.
- (2) Pull foot rest section (2) out all the way.
- (3) Pull stirrup (3) out far enough to access screw (4).
- (4) Remove screw (4) from stirrup (3).
- (5) Pull stirrup (3) out of pivot boss (5).
- (6) Remove pivot boss (5) and then guide bracket (6) from upper wrap weldment (7).
- (7) If worn, remove index spring (8) from guide bracket (6).

B. Installation

- (1) If removed, install index spring (8) on guide bracket (6).
- (2) Install guide bracket (6) in upper wrap weldment (7) and secure with pivot boss (5).
- (3) Slide stirrup (3) thru slots (A) in pivot boss (5) and guide bracket (6).

SECTION IV MAINTENANCE / SERVICE



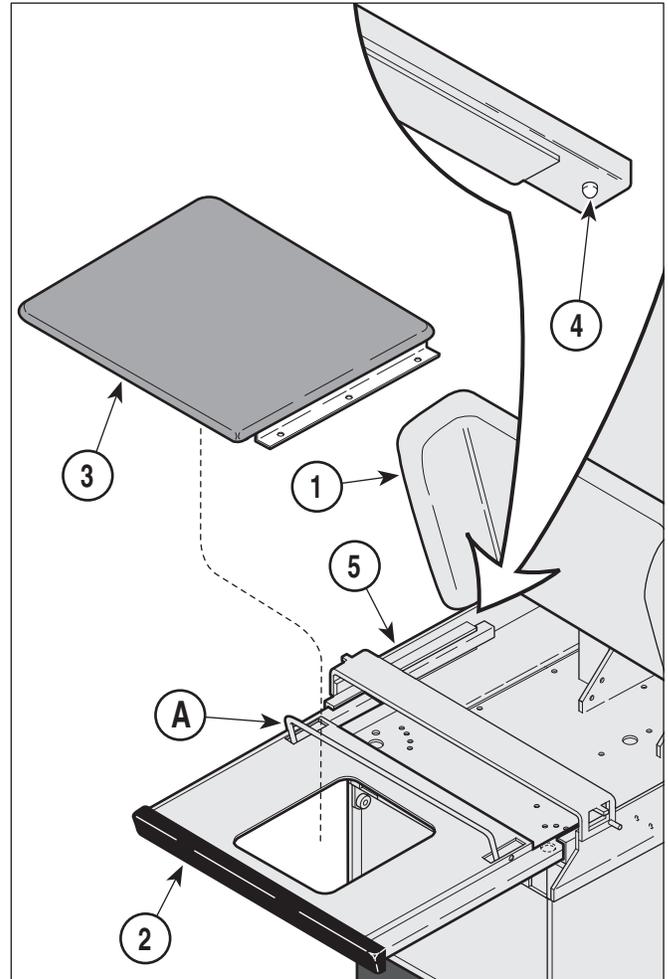
**Figure 4-6. Stirrup Components
Removal / Installation**

- (4) Install screw (4) on stirrup (3).
- (5) While holding footrest lift (B) down, push foot rest section (2) all the way in to its stowed position.
- (6) Lower the seat section (1).

4.7 Footrest Extension Removal / Installation

A. Removal

- (1) Raise seat section (1, Figure 4-7) up.



**Figure 4-7. Footrest Extension
Removal / Installation**

- (2) Pull foot rest section (2) out as far as it will go.
- (3) Remove footrest pad (3) from foot rest section (2).

- (4) Using fingers, press up locking snaps (4) to release foot rest section (2); then pull foot rest section out of upper wrap weldment (5).

B. Installation

- (1) Press up on locking snaps (4) of foot rest section (2); then slide foot rest section into upper wrap weldment (5).
- (2) Install footrest pad (3) on foot rest section (2).
- (3) While holding footrest lift (A) down, push foot rest section (2) all the way in to its stowed position.
- (4) Lower the seat section (1).

4.8 Step Assembly Removal / Installation

NOTE

This procedure applies only to the latest Step Assembly design (#029-0566-00). Refer to Section 6 for exploded views of older designs.

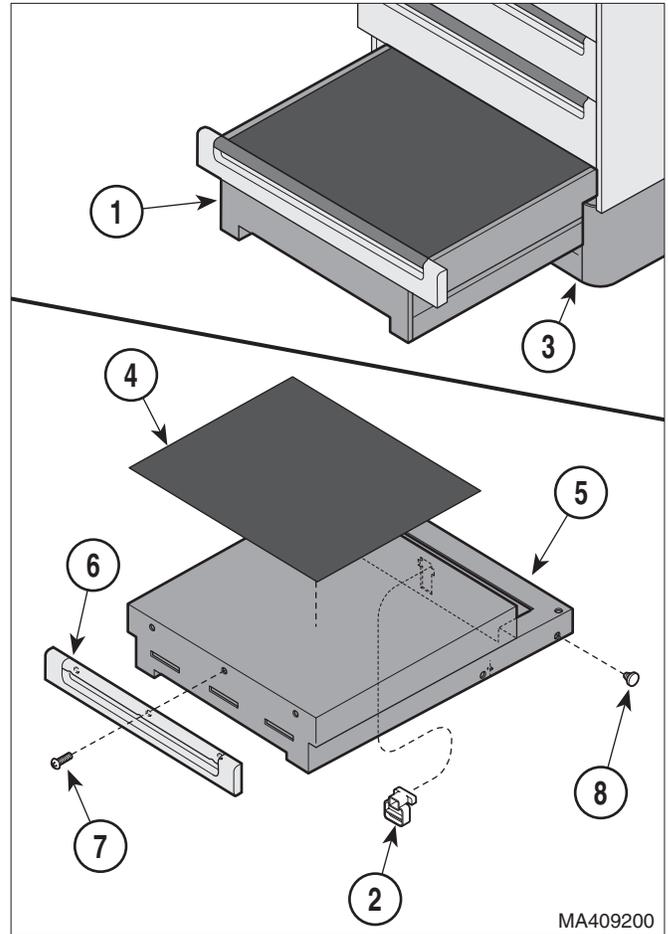
A. Removal



WARNING

Always disconnect the power cord from the wall outlet before removing any of the table's covers / shrouds or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in personal injury or death.

- (1) Unplug the table power cord from the wall outlet.
- (2) Pull out on the step assembly (1, Figure 4-8) until it is fully extended.
- (3) While lightly pulling the step assembly outward, reach beneath it and push the step stop (2) upward until it clears the base weldment (3); then remove the step assembly from the cabinet.



**Figure 4-8. Step Components
Removal / Installation**

B. Drawer Front Replacement

- (1) Remove the three screws (7, Figure 4-8) that secure the drawer front (6) to the step weldment (5) and remove the drawer front.
- (2) Install the drawer front (6) on the step weldment (5) and secure with three screws (7).
- (3) Inspect the nylon stem bumpers (8) on the step weldment (5) and replace if necessary.
- (4) Inspect the nylon stem bumpers and bumper stops (not shown) on the runners of the base weldment (3) and replace if worn.

SECTION IV MAINTENANCE / SERVICE

C. Installation

- (1) Place some lubricant, such as vaseline, on the nylon stem bumpers (8).

NOTE

When inserting step assembly into the cabinet the step will have to be lifted slightly to clear the lock tabs at the bottom of the step assembly. It will also be necessary to push up on the step stop (2, Figure 4-8) in order for the stop to clear the base weldment.

- (2) Install the step assembly (1) into the cabinet.



CAUTION

Extend the step assembly outward to insure it locks in place. If necessary readjust the lock tabs (A, Figure 4-7). Failure to insure the step assembly locks in place could cause injury to the users.

- (3) Plug the table power cord into wall outlet.

4.9 Back Section Release Lever Removal / Installation

A. Removal

- (1) Raise the back section (1, Figure 4-9) to its highest position.
- (2) Remove two screws (2) from cam (3).
- (3) Pull handles (4) out of the cam (3) and remove handles from back section (1).

B. Installation

- (1) Slide handles (4) through sides of back section (1) and into cam (3).

NOTE

Be sure nylon spacers (5) are in place in the back section (1).

- (2) Lower handles (4) 5° from horizontal position.
- (3) Install screws (2) on both sides of cam (3).

NOTE

When back is lowered to horizontal position the handles are to be parallel with the back section.

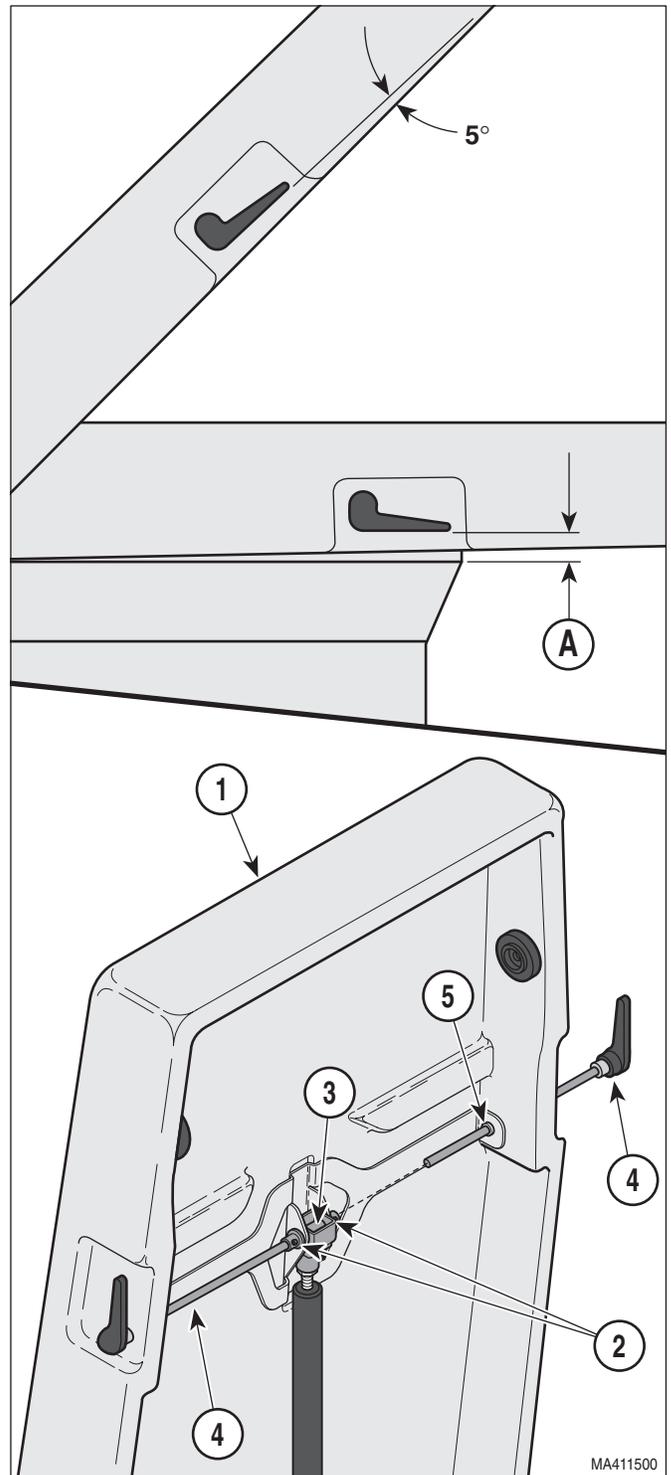


Figure 4-9. Back Section Release Lever Removal / Installation

4.10 Back Actuator Gas Cylinder Removal / Installation

A. Removal

- (1) If possible, raise the back section (1, Figure 4-10) to its highest position.
- (2) Remove four screws (2, Figure 4-10) from paper storage (3) and raise the paper holder until access to the gas cylinder (4) is attained.
- (3) While supporting back section (1), remove the hitch pin (5), pin (6) and spacers (7) from the gas cylinder (4).
- (4) Remove gas cylinder (4) by unthreading (counter-clockwise) the cylinder from the actuator cap (8)

B. Installation

- (1) Install new gas cylinder (4) by threading (clockwise) into the actuator cap (8) until approximately three or four threads are exposed.
- (2) Tighten jam nut (A)

NOTE

Be sure to introduce the new gas cylinder through the access hole in the paper storage (3).

- (3) Install the spacers (7) and pin (6) through the end of the gas cylinder (3) and secure with hitch pin (5).
- (4) Secure paper storage (3) to the table with four screws (2).

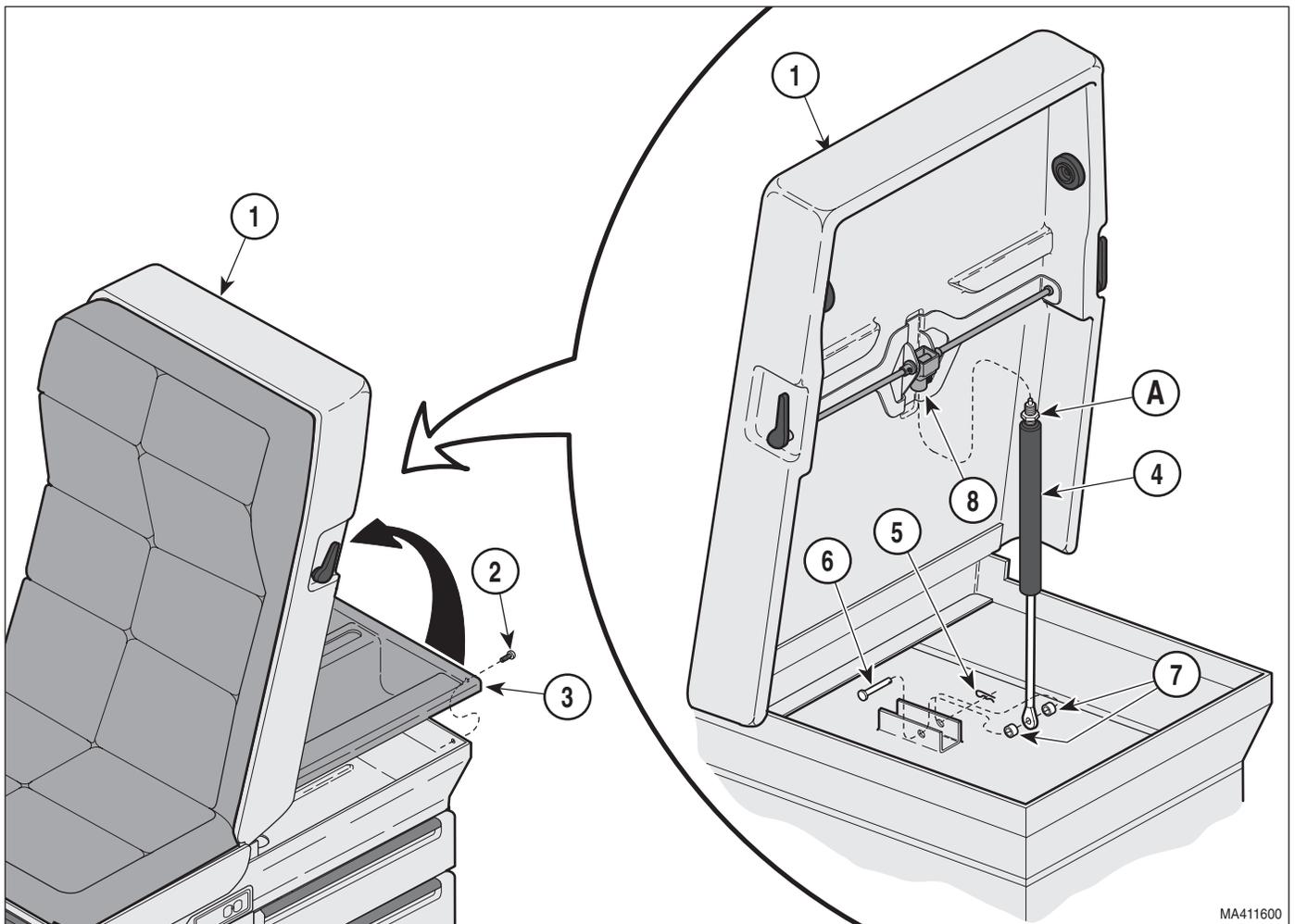


Figure 4-10. Back Actuator Removal / Installation

SECTION IV MAINTENANCE / SERVICE

4.11 Electrical Receptacle Removal / Installation (120 VAC Units)

A. Removal



WARNING

Always unplug the power cord from the wall outlet before removing any of the table's shrouds / covers or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in severe personal injury or death.

- (1) Unplug table power cord from wall outlet.
- (2) Pull stirrups (1, Figure 4-11) and foot rest section (2) out to full extension.

- (3) Raise seat section (3) up.
- (4) Remove two screws (4), receptacle box (5) and fishpaper insulator (6) from inside of upper wrap (7).
- (5) Remove screw (8) from inside of upper wrap (7).
- (6) Remove screw (9) and receptacle cover (10) from upper wrap (7).
- (7) Remove two screws (11) and partially separate receptacle (12) from upper wrap (7).

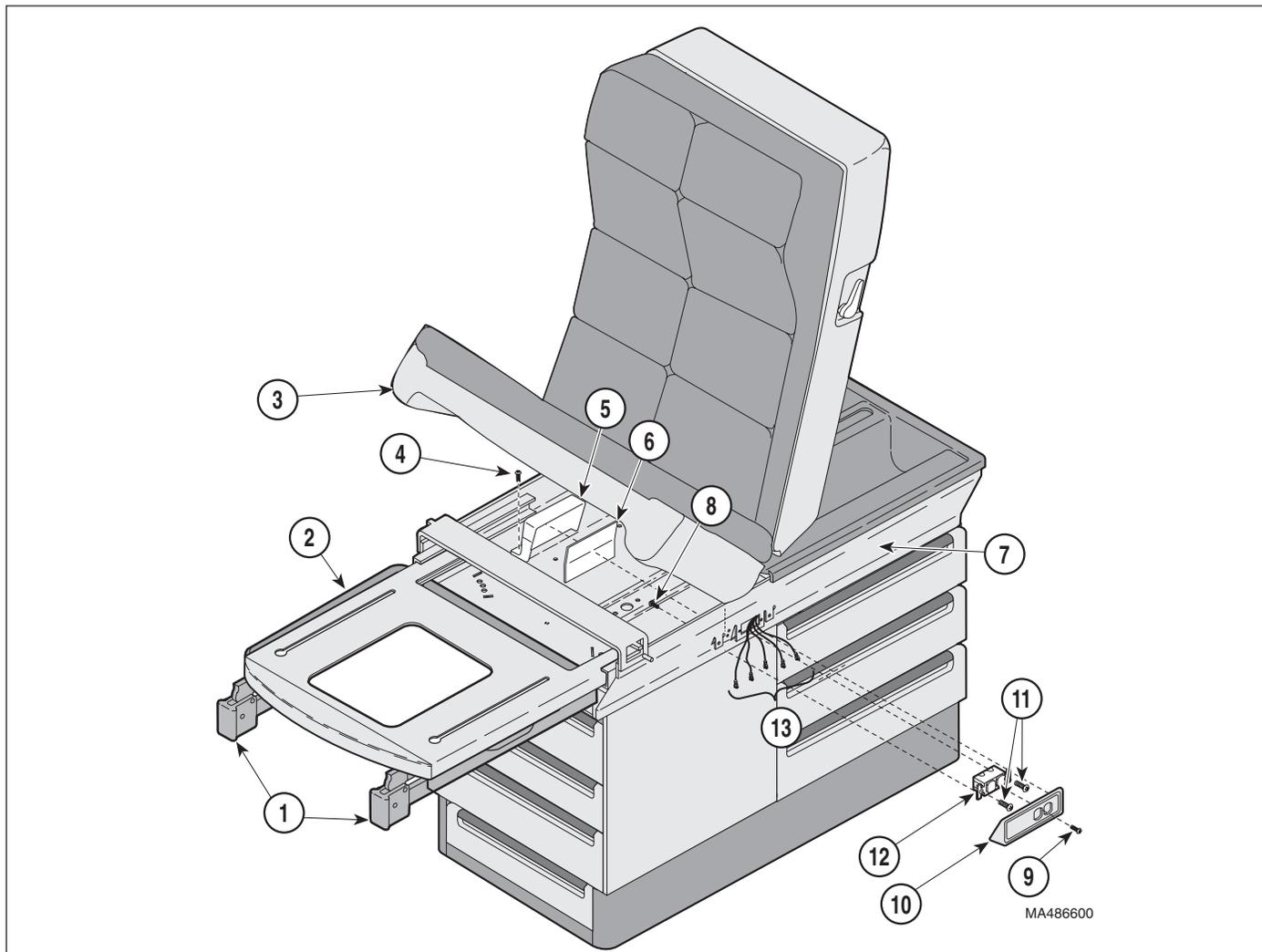


Figure 4-11. Electrical Receptacle Removal / Installation
(120 VAC units)

NOTE

Before removing the electrical leads and ground wire from the receptacle, tag each wire for installation onto the replacement receptacle. If the table has a drawer heater there will be five leads and without the drawer heater there will be three leads.

- (8) Tag and disconnect the electrical leads and ground wire (13) from the receptacle (12) and remove the receptacle.

B. Installation



CAUTION

When installing the electrical leads (13, Figure 4-12) on the receptacle (12) be sure the insulation on the leads covers sufficiently to prevent electrical shorts to the cabinet. The black leads connect to the side of the receptacle with the black screws and the white leads connect to the side with the silver screws.

- (1) Connect electrical leads and ground wire (13) to the proper terminals on the receptacle (12) (Refer to para 5.1).



CAUTION

Be sure the receptacle is positioned in the cavity of the upper wrap assembly so that none of the electrical terminals or exposed wires are contacting the upper wrap assembly.

- (2) Insert the receptacle (12) into its cavity in the upper wrap (7) and secure with two screws (11).

NOTE

Tighten screw (9) only until the screw head is flush with the receptacle cover. Over-tightening will cause the screw head to break off.

- (3) Place the receptacle cover (10) on the receptacle (12) and secure with screw (9) and screw (8).
- (4) Install fishpaper insulator (6) and receptacle box (5) inside the upper wrap (7) and secure with two screws (4).
- (5) Lower seat section (3).
- (6) Push foot rest section (2) and stirrups (1) into their stowed positions.

- (7) Plug the table power cord into the wall outlet and check that there is power to the receptacle (12).

4.12 Typical Electrical Receptacle Removal/Installation (220 VAC Units)

A. Removal



WARNING

Always unplug the power cord from the wall outlet before removing any of the table's shrouds / covers or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in severe personal injury or death.

- (1) Unplug table power cord from wall outlet.
- (2) Pull stirrups (1, Figure 4-12) and footrest section (2) out to full extension.
- (3) Raise seat section (3) up.
- (4) Remove two screws (4), receptacle box (5) and fishpaper insulator (6) from inside of upper wrap (7).
- (5) Remove two nuts (8), two lockwashers (9) and partially separate receptacle cover (10) from upper wrap (7).

NOTE

Before removing the electrical leads and ground wire from the receptacle, tag each wire for installation onto the replacement receptacle. If the table has a drawer heater there will be five leads and without the drawer heater there will be three leads.

- (6) Tag and disconnect electrical leads and ground wire (11) from the receptacle (12).

NOTE

The position, as well as the number of tabs (A, Figure 4-13) on the receptacle will vary depending upon the country the receptacle was designed for (UK shown).

SECTION IV MAINTENANCE / SERVICE

- (7) Remove receptacle (1, Figure 4-13) by using a small flat-bladed screwdriver to pry the switch bezel (2) upward while pressing gently on the back of the receptacle (1) allowing the tabs (A) to "pop" out of the switch bezel.

B. Installation



CAUTION

When connecting the electrical leads and ground wire (11, Figure 4-12) to the receptacle (12), be sure the insulation on the leads covers sufficiently to prevent electrical shorts to the cabinet.

- (1) Pull electrical leads and ground wire (11) thru receptacle cover (10) and switch bezel (13) and connect to proper terminals of receptacle (12) (Refer to para 5.1).
- (2) Position receptacle (12) properly and insert thru switch bezel (13) and receptacle cover (10), pushing inward until receptacle locks into place.
- (3) Position receptacle cover (10) on upper wrap (7) and secure with two lockwashers (9) and nuts (8).

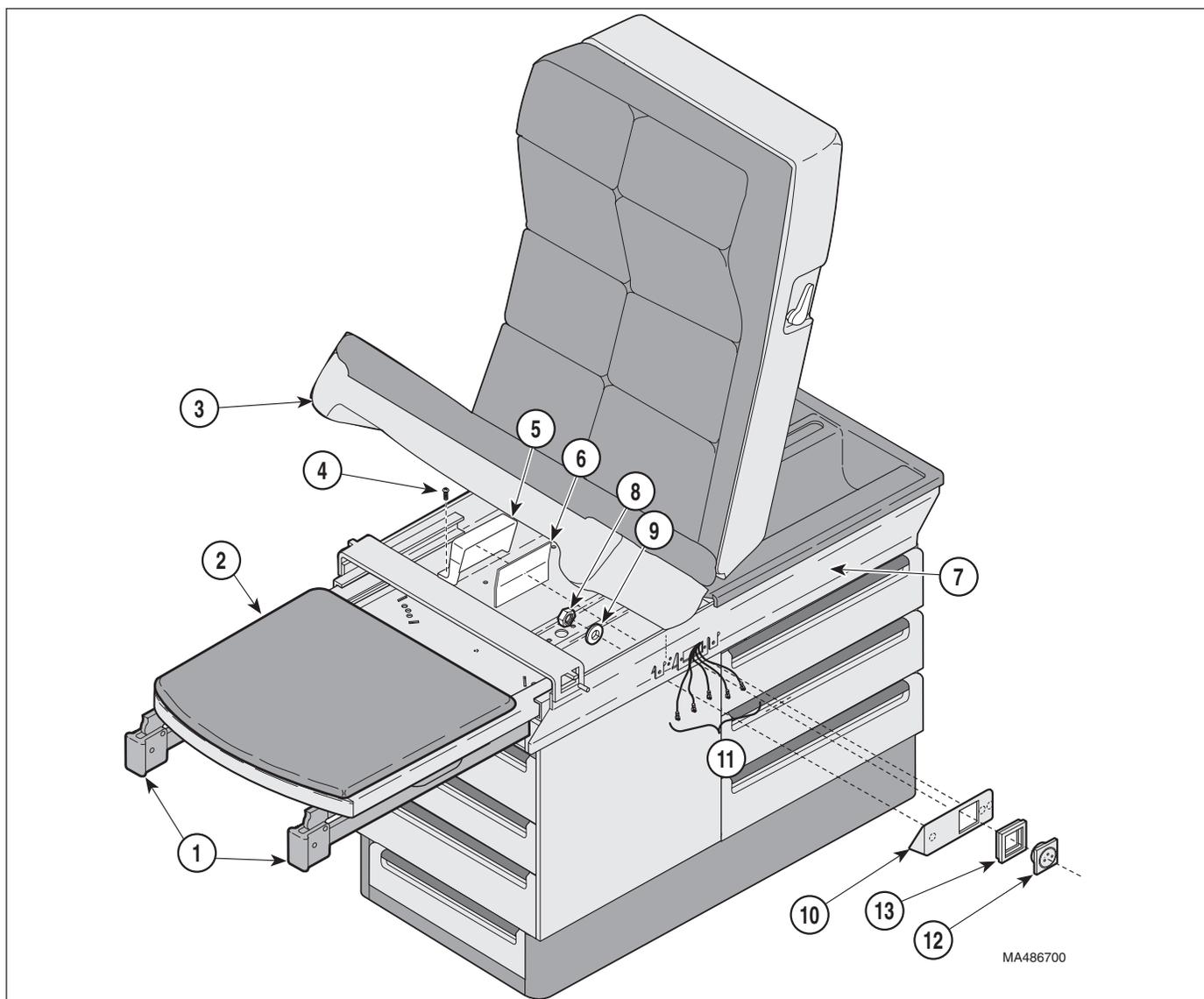


Figure 4-12. Typical Electrical Receptacle Removal / Installation (220 VAC units, UK shown)

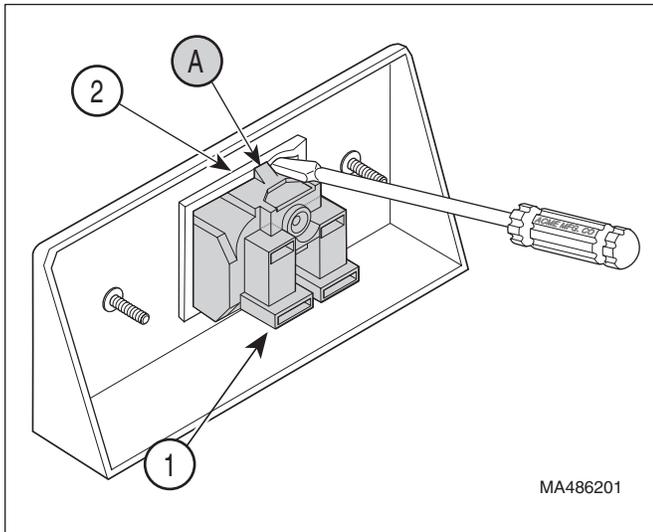
**4.13 AC Inlet Removal / Installation
(220 VAC CE Units)**

A. Removal



WARNING

Always unplug the power cord from the wall outlet before removing any of the table's shrouds / covers or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in severe personal injury or death.



**Figure 4-13. Receptacle Removal / Installation
(220 VAC units, UK shown)**

- (3) Install fishpaper insulator (6) and receptacle box (5) inside the upper wrap (7) and secure with two screws (4).
- (4) Lower seat section (3).
- (5) Push foot rest section (2) and stirrups (1) into their stowed positions.
- (6) Plug the table power cord into the wall outlet and check that there is power to the receptacle (12).

- (1) Unplug table power cord (1, Figure 4-14) from AC inlet (2).
- (2) Remove three side drawers (Refer to para 4.3).
- (3) Remove two screws (3) and partially separate AC inlet cover (4) from base assembly (5).
- (4) Tag and disconnect electrical leads (6) from terminals of AC inlet (2).
- (5) Push in on two tabs (A) simultaneously and remove AC inlet (2) by pushing outward.

B. Installation

- (1) Insert AC inlet (2) thru hole in base assembly (5) and push inward until AC inlet locks into place.
- (2) Connect electrical leads (6) to correct terminals of AC inlet (2) (Refer to Section 5.1).
- (3) Align AC inlet cover (4) with holes in base assembly (5) and secure with two screws (3).
- (4) Install three side drawers (Refer to para 4.3).
- (5) Plug table power cord (1) into AC inlet (2) and check that there is power to table receptacle.

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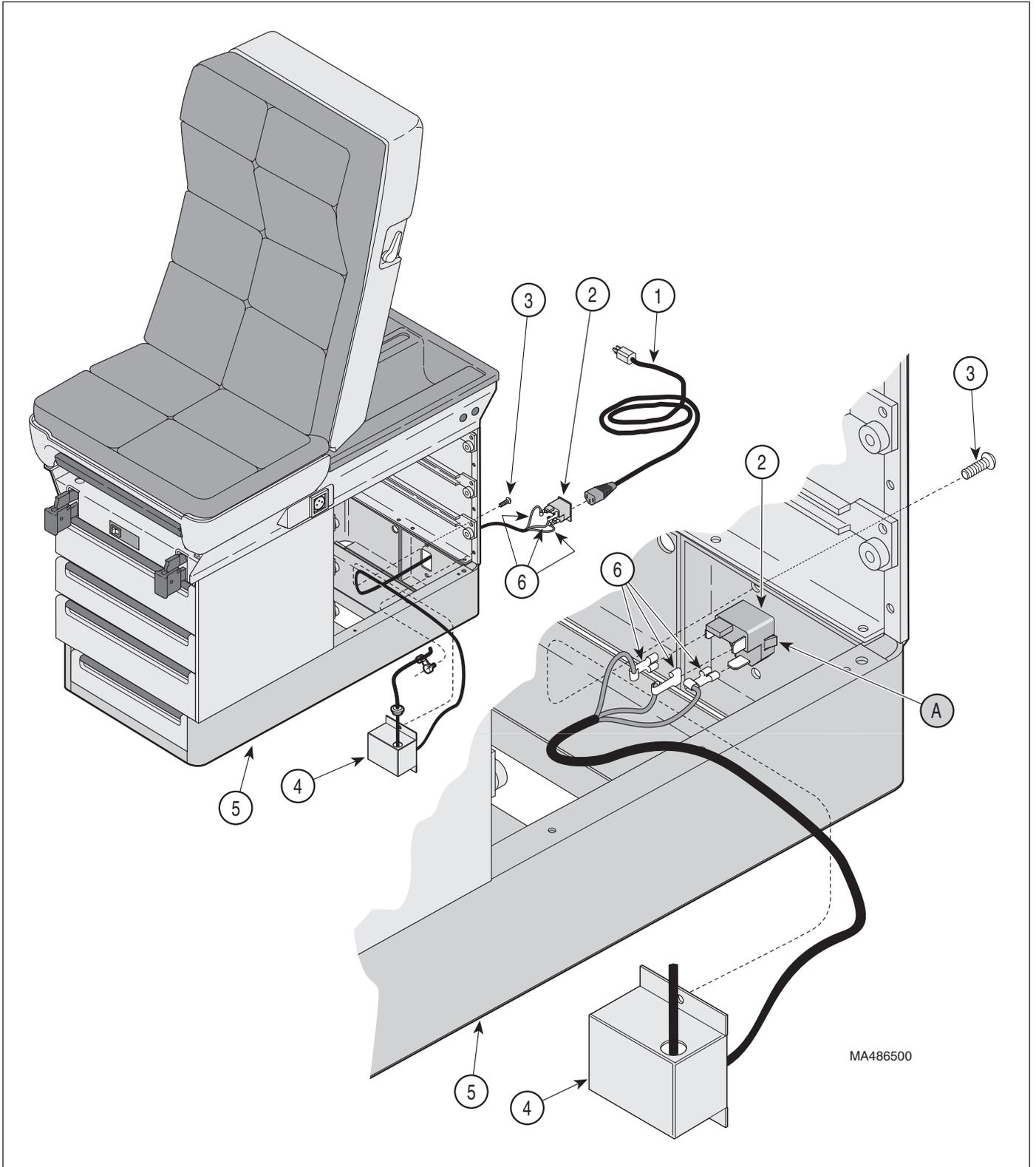


Figure 4-13. AC Inlet Removal / Installation (220 VAC CE Units)

4.14 Fuse Removal / Installation (220 VAC CE Units)

A. Removal



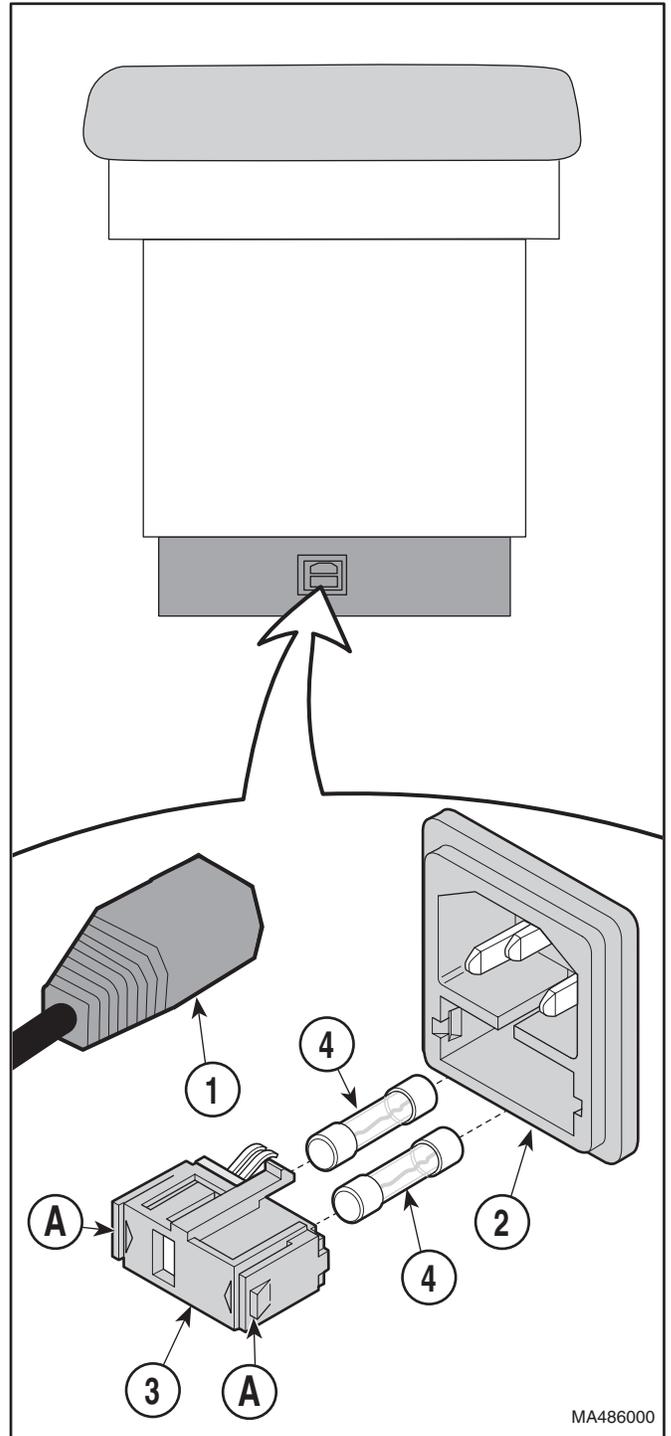
WARNING

Always unplug the power cord from the wall outlet before removing any of the table's shrouds / covers or making any repairs to prevent the possibility of electrical shock. Failure to comply with these instructions could result in severe personal injury or death.

- (1) Unplug table power cord (1, Figure 4-14) from AC inlet (2).
- (2) While simultaneously pressing inward on two locking tabs (A) with a small flat bladed screwdriver, pull fuse drawer (3) from AC inlet (2).
- (3) Pull two fuses (4) out of fuse drawer (3).

B. Installation

- (1) Insert one end of fuse(s) (4) into fuse drawer (3).
- (2) Insert fuse drawer (3) into AC inlet (2) and push inward until fuse drawer locks into place.
- (3) Plug table power cord (1) into AC inlet (2) and Check that there is power to table receptacle.



**Figure 4-15. Fuse Removal / Installation
(220 VAC CE Units)**

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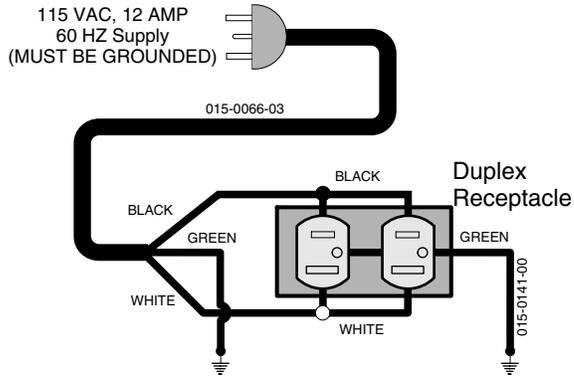
SECTION V SCHEMATICS AND DIAGRAMS

SECTION V SCHEMATICS AND DIAGRAMS

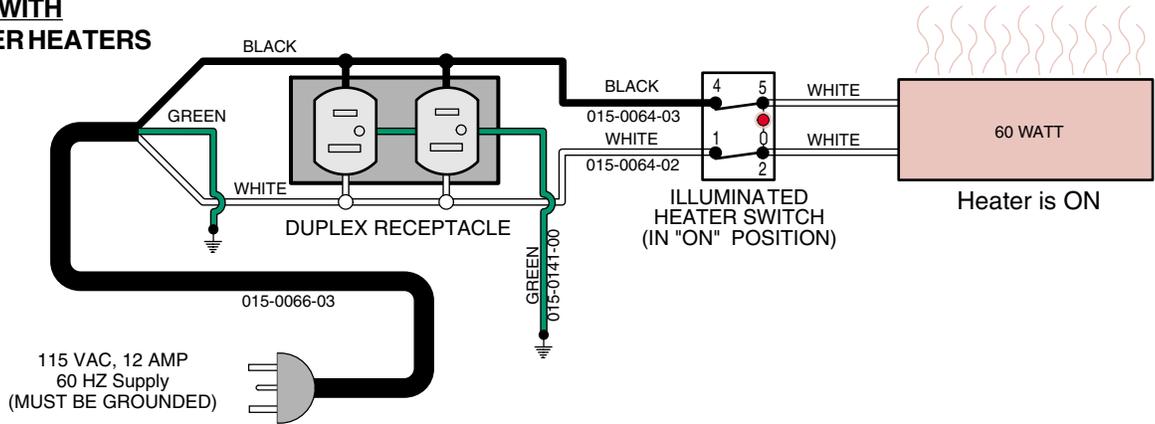
5.1 Electrical Schematics / Wiring Diagrams

Figure 5-1 illustrates the logic/current flow and wiring connections between the electrical components.

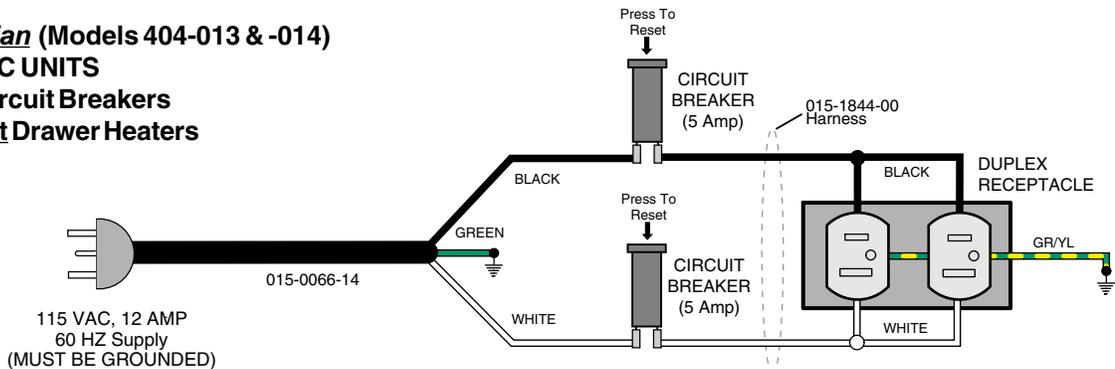
120 VAC UNITS WITHOUT DRAWER HEATERS



120 VAC UNITS WITH DRAWER HEATERS



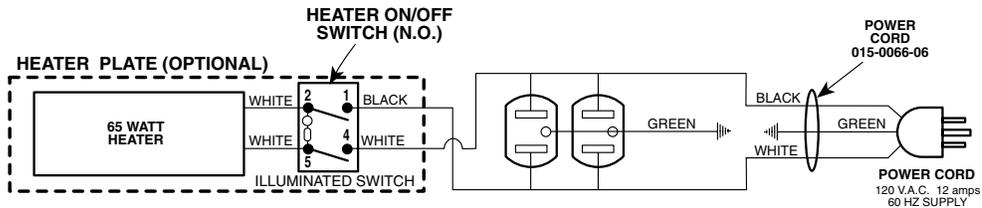
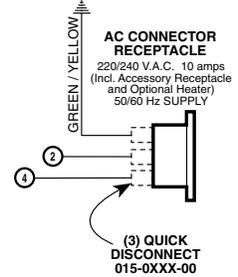
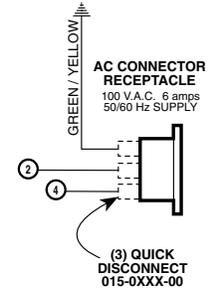
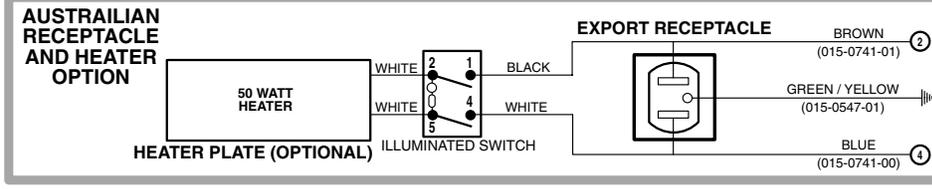
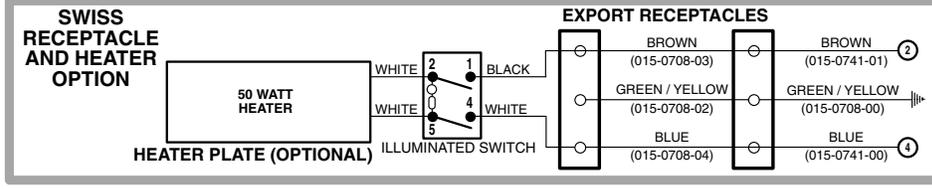
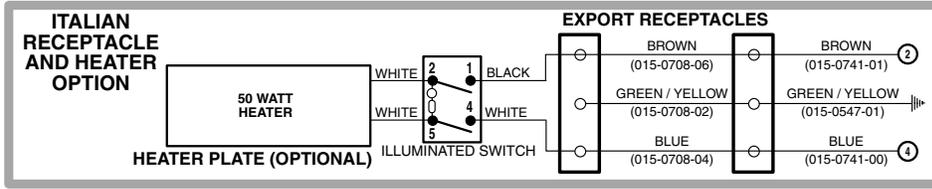
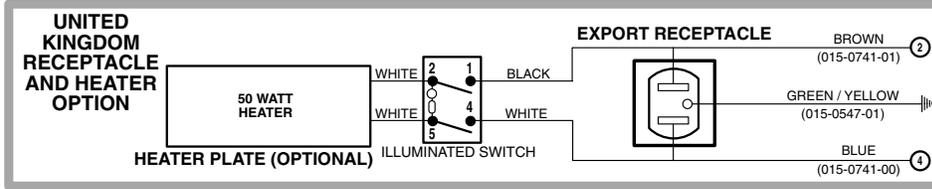
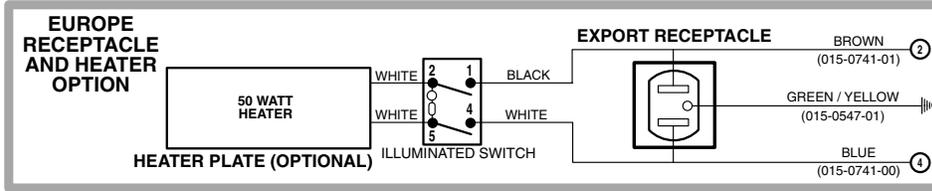
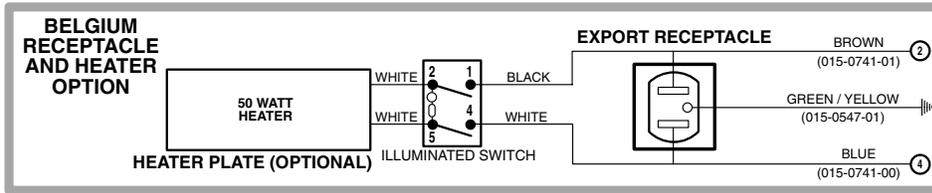
Canadian (Models 404-013 & -014) 120 VAC UNITS With Circuit Breakers Without Drawer Heaters



MA6824001

**Figure 5-1. Electrical Schematic / Wiring Diagram
(Used on Models 404-005, thru -008 & 404-013 & -014)**

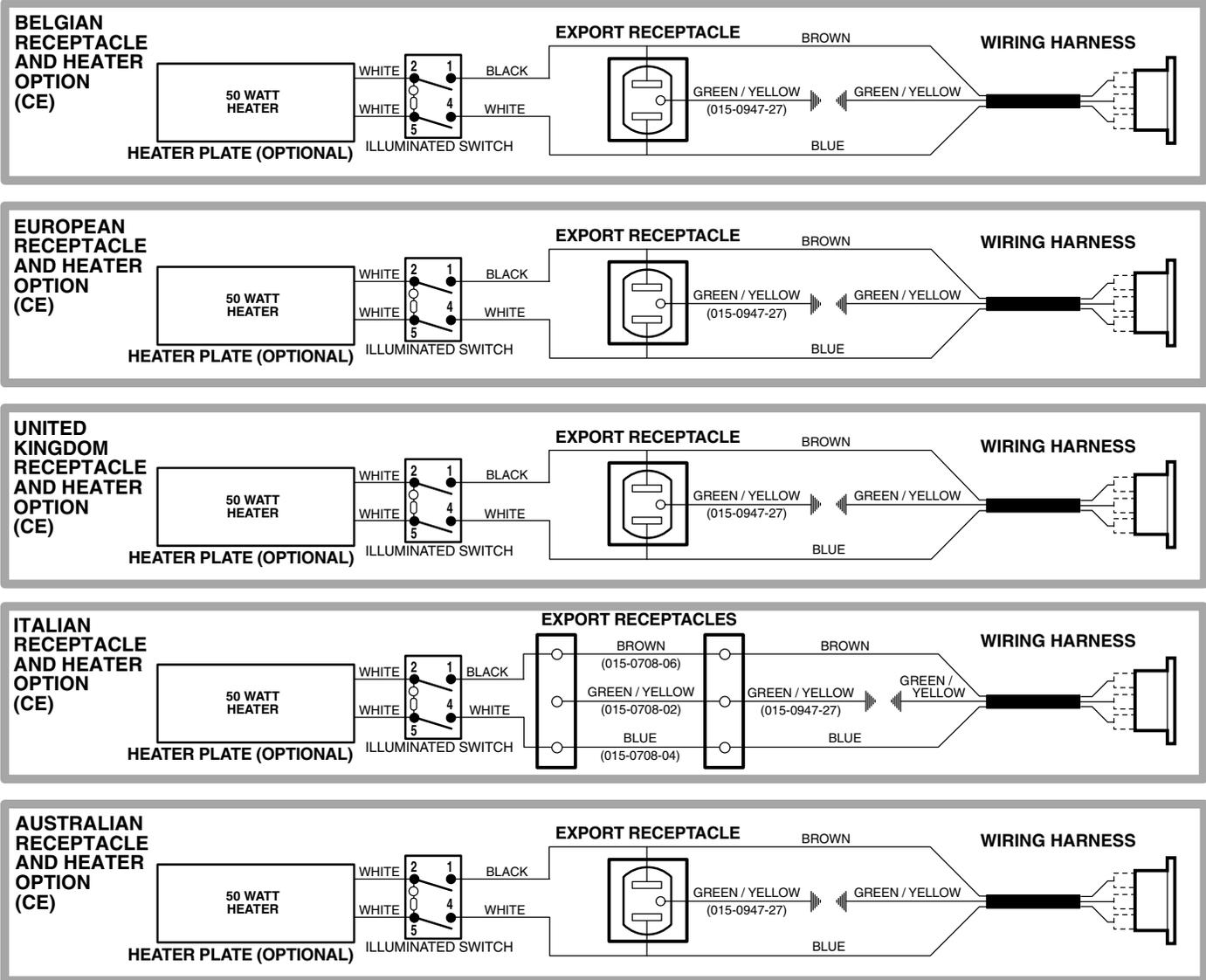
SECTION V SCHEMATICS AND DIAGRAMS



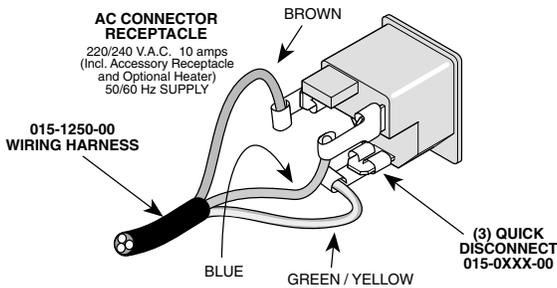
MA411700

Figure 5-1. Electrical Schematic / Wiring Diagram
(Used on Units With Serial Numbers AX1000, BB1000 and DD1000 Thru Present)

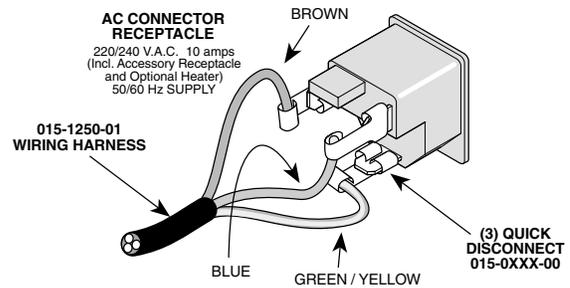
SECTION V SCHEMATICS AND DIAGRAMS



MA456300



(Used on Units With Serial Numbers LB1000 Thru LB2005)



(Used on Units With Serial Numbers LB2006 Thru Present)

Figure 5-1. Electrical Schematic / Wiring Diagram

**SECTION V
SCHEMATICS AND DIAGRAMS**

SECTION VI PARTS LIST

6.1 Introduction

The illustrated parts list provides information for identifying and ordering the parts necessary to maintain the unit in peak operating condition. Refer to paragraph 1.5 for parts ordering information.

The parts list also illustrates disassembly and assembly relationships of parts.

6.2 Description of Columns

The *Item* column of the parts list gives a component its own unique number. The same number is given to the component in the parts illustration. This allows a part number of a component to be found if the technician can visually spot the part on the illustration. The technician simply finds the component in question on the illustration and notes the item number of that component. Then, he finds that item number in the parts list. The row corresponding to the item number gives the technician the part number, a description of the component, and quantity of parts per subassembly. Also, if a part number is known, the location of that component can be determined by looking for the item number of the component on the illustration.

The *Part No.* column lists the MIDMARK part number for that component.

The *Description* column provides a physical description of the component.

The *Qty.* column lists the number of units of a particular component that is required for the subassembly. The letters "AR" denote "as required" when quantities of a particular component cannot be determined, such as: adhesive.

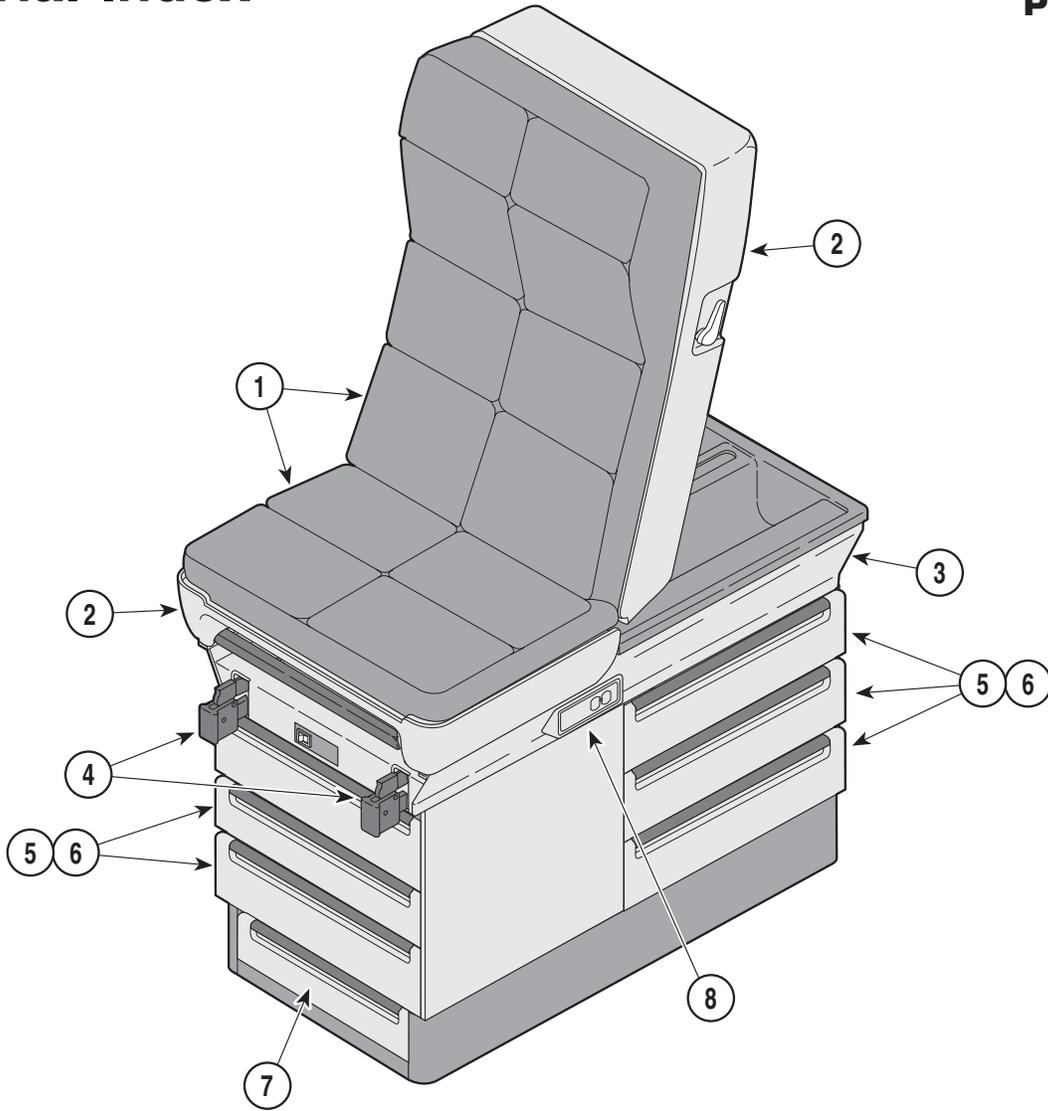
Bullets { • } in the *Part No.* column and the *Description* column show the indenture level of a component. If a component does not have a bullet, it is a main component of that illustration. If a component has a bullet, it is a subcomponent of the next component listed higher in the parts list than itself that does not have a bullet. Likewise, if a component has two bullets, it is a subcomponent of the next component listed higher in the parts list than itself that has only one bullet.

6.3 Torque Specifications and Important Assembly Notes

When specific assembly torque specifications, measurements, or procedures have been identified, by our engineering department, as required to assure proper function of the unit, those torque specifications measurements, and procedures will be noted on the parts illustrations. Adherence to these requirements is essential.

Pictorial Index

SECTION VI PARTS LIST



MA321600

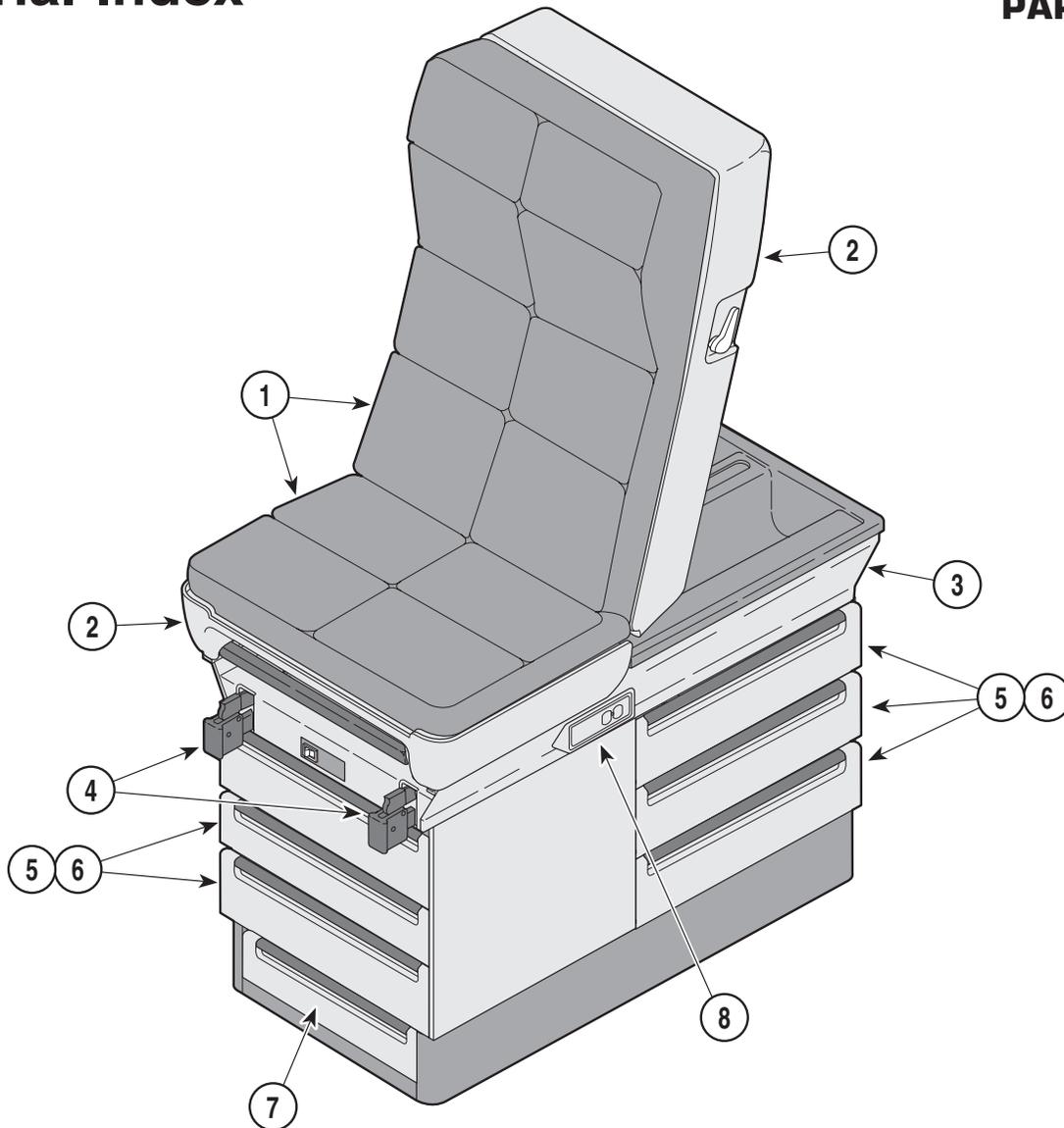
Used On Units With Serial Number AX-1000 Thru Present
Used On Units With Serial Number V2200 Thru Present

Item	Part No.	Description	Page	Item	Part No.	Description	Page
	404-001	404 Power Examination Table - R.H. (with Upholstery, w/o Heater)	Ref			OPTIONAL ACCESSORIES	
	404-002	404 Power Examination Table - L.H. (with Upholstery, w/o Heater{Shown}) Ref				Refer to MEDICAL ACCESSORY BOOK {004-0096-00}	
	404-005	404 Power Examination Table - R.H. (w/o Upholstery-w/o Heater)	Ref	9	9A04001	Procto Rest Assembly	9A04
	404-006	404 Power Examination Table - L.H. (w/o Upholstery-w/o Heater)	Ref	10	9A74004	Knee Crutch Set (AX1000 thru AX20852)	9A74
1	•	• Upholstery Components	6-3.*	11	9A86003	Armboard Assembly	9A86
2	•	• Table Top Components	6-4.*	12	9A88002	Restraint Strap Package	9A88
3	•	• Upper Wrap Components	6-5.*	13	9A91002	Welch Allyn Bracket	9A91
4	••	•• Stirrup Assembly	6-6.*	14	9A109001	Heater Assembly (AX1000 thru AX15439)	9A109
5	•	• Cabinet Components	6-7.*		9A109002	Heater Assembly (AX15440 thru Present)	9A109
6	••	•• Drawers	6-8	15	9A140002	Knee Crutch Set (AX20853 thru Present)	9A140
7	••	•• Step Assembly	6-9.*	16	9A15900X	Receptacle Assembly	9A159
8	•	• Electrical Components - 120 VAC	6-10.*	17	9A190002	Paper Roll Bracket	9A190
				18	9A207002	Knee Crutch Set (AX20853 thru Present)	9A207

Always Specify Model & Serial Number

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SECTION VI PARTS LIST



MA321600

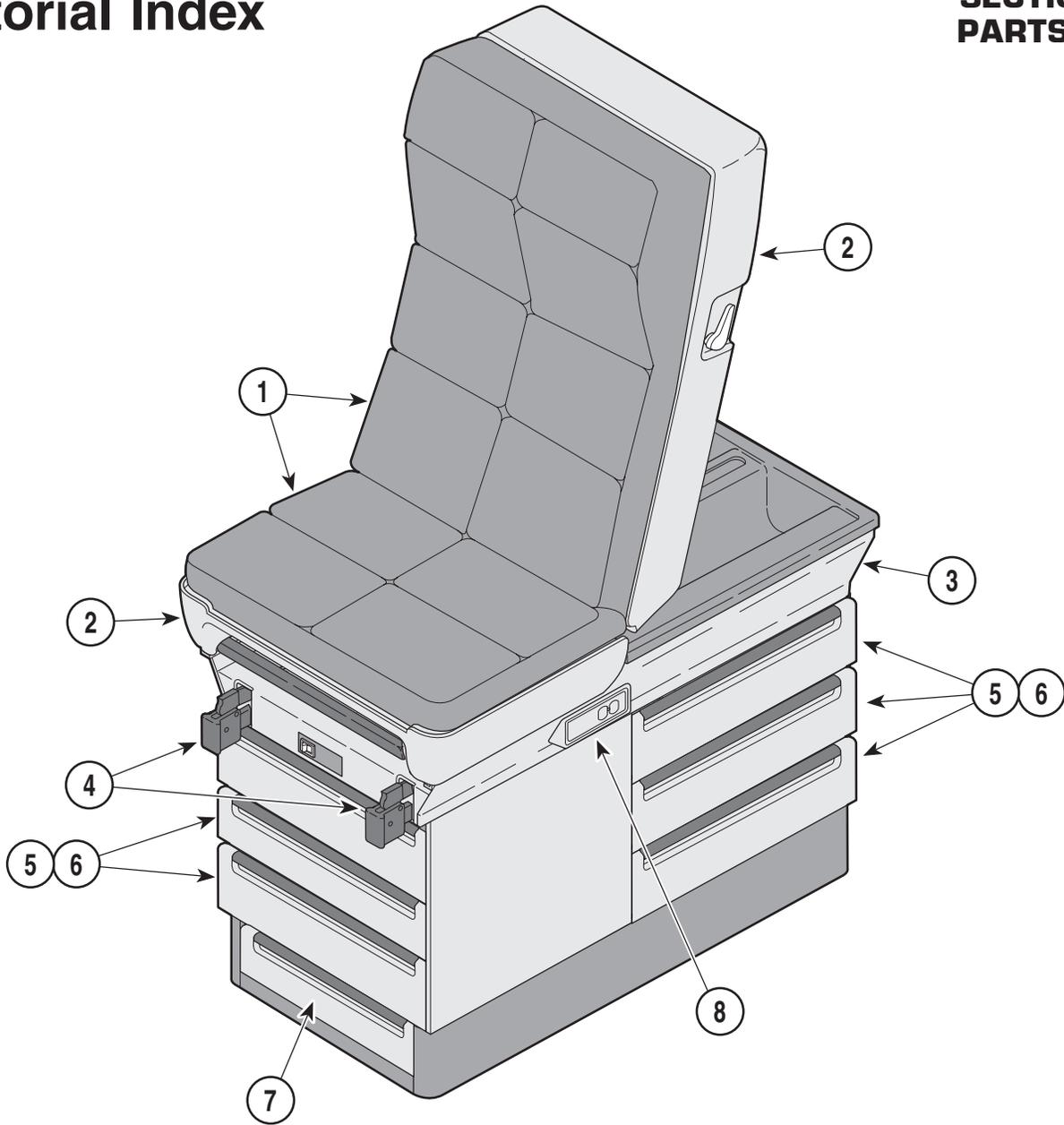
Used On Units With Serial Number BB-1000 Thru Present
Used On Units With Serial Number V2200 Thru Present

Item	Part No.	Description	Page	Item	Part No.	Description	Page
	404-003	404 Power Examination Table - R.H. (with Upholstery, w/o Heater)	Ref			OPTIONAL ACCESSORIES	
	404-004	404 Power Examination Table - L.H. (with Upholstery, w/o Heater{Shown}) Ref				Refer to MEDICAL ACCESSORY BOOK {004-0096-00}	
	404-007	404 Power Examination Table - R.H. (w/o Upholstery-w/o Heater)	Ref	9	9A04001	Procto Rest Assembly	9A04
	404-008	404 Power Examination Table - L.H. (w/o Upholstery-w/o Heater)	Ref	10	9A74004	Knee Crutch Set (BB1000 thru BB4483)	9A74
1	•	• Upholstery Components	6-3.*	11	9A86003	Armboard Assembly	9A86
2	•	• Table Top Components	6-4.*	12	9A88002	Restraint Strap Package	9A88
3	•	• Upper Wrap Components	6-5.*	13	9A91002	Welch Allyn Bracket	9A91
4	••	•• Stirrup Assembly	6-6.*	14	9A109001	Heater Assembly (BB1000 thru BB3399)	9A109
5	•	• Cabinet Components	6-7.*		9A109002	Heater Assembly (BB3400 thru Present)	9A109
6	••	•• Drawers	6-8	15	9A140002	Knee Crutch Set (BB4484 thru Present)	9A140
7	••	•• Step Assembly	6-9.*	16	9A15900X	Receptacle Assembly	9A159
8	•	• Electrical Components - 120 VAC	6-10.*	17	9A190002	Paper Roll Bracket	9A190
				18	9A207002	Knee Crutch Set	9A207

Always Specify Model & Serial Number

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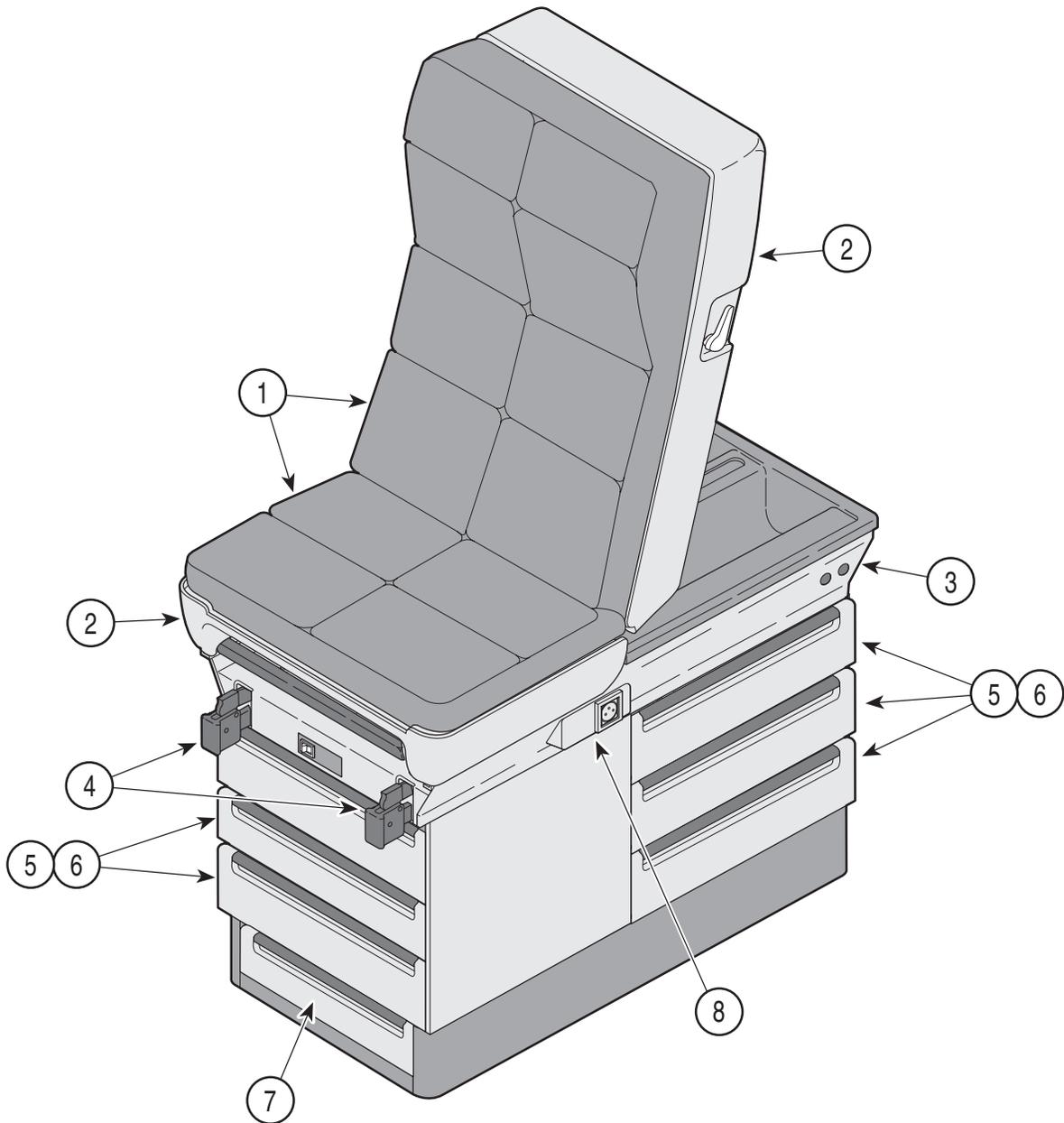


MA321600

Used On Units With Serial Number DD-1000 Thru Present
Used On Units With Serial Number V2200 Thru Present

Item	Part No.	Description	Page	Item	Part No.	Description	Page
	404-009	404 Power Examination Table - R.H. (w/o Upholstery-with Heater)	Ref		•	• Electrical Components (220 VAC)	6-11.1
	404-010	404 Power Examination Table - L.H. (w/o Upholstery-with Heater)	Ref			OPTIONAL ACCESSORIES	
1	•	• Upholstery Components	6-3.1			Refer to MEDICAL ACCESSORY BOOK {004-0096-00}	
2	•	• Table Top Components	6-4	9	9A04001	Procto Rest Assembly	9A04
	•	• Table Top Components	6-4.1	10	9A86003	Armboard Assembly	9A86
3	•	• Upper Wrap Components	6-5.3	11	9A88002	Restraint Strap Package	9A88
	•	• Upper Wrap Components	6-5.4	12	9A91002	Welch Allyn Bracket	9A91
4	••	•• Stirrup Assembly	6-6.2	13	9A109003	Heater Assembly	9A109
	••	•• Stirrup Assembly	6-6.3	14	9A140002	Knee Crutch Set	9A140
5	•	• Cabinet Components	6-7.2	15	9A15900X	Receptacle Assembly	9A159
	•	• Cabinet Components	6-7.3	16	9A190002	Paper Roll Bracket	9A190
6	••	•• Drawers	6-8	17	9A207002	Knee Crutch Set	9A207
7	••	•• Step Assembly	6-9.4				
8	•	• Electrical Components (220 VAC)	6-11				

Always Specify Model & Serial Number

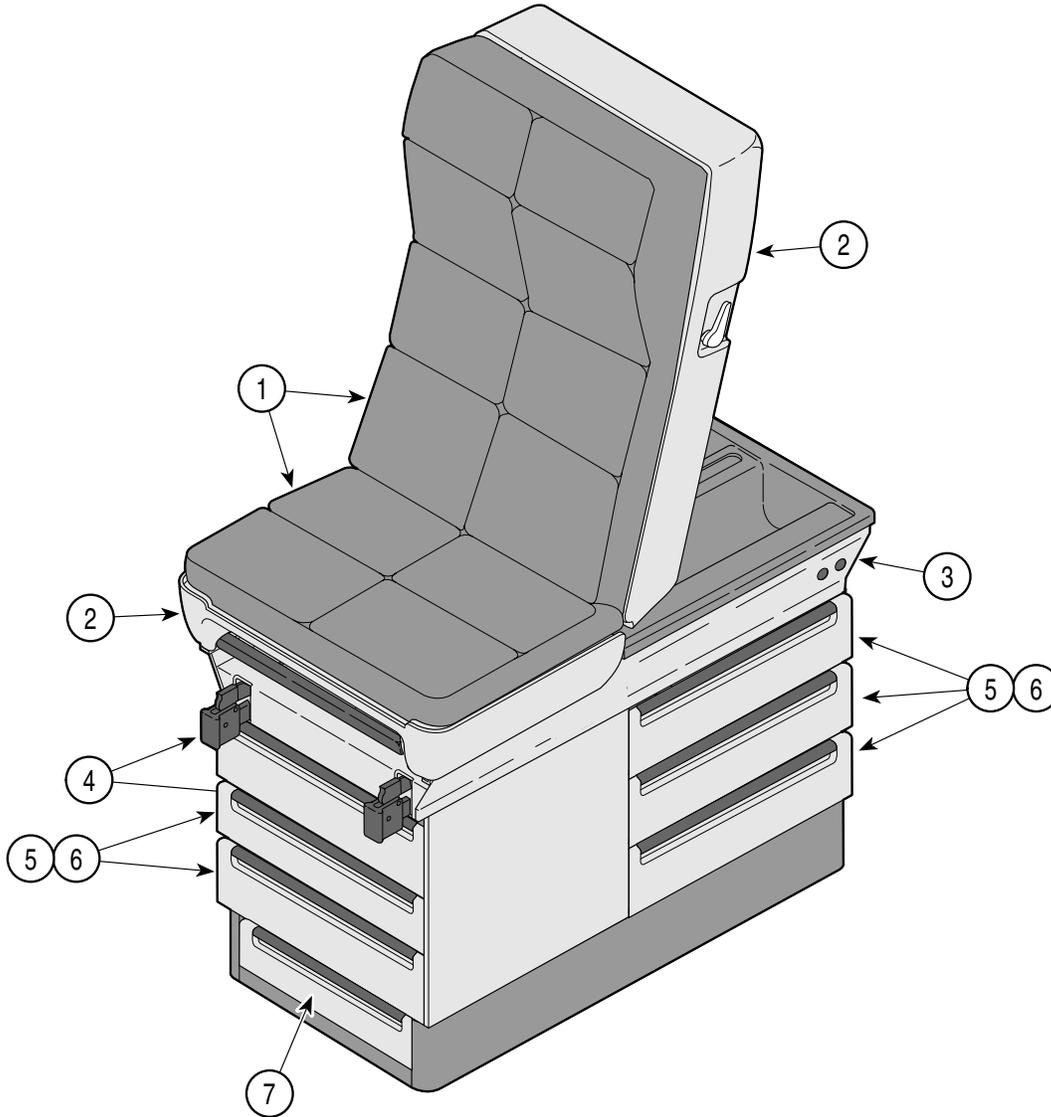


MA321601

Used On Units With Serial Number LB-1000 thru Present
Used On Units With Serial Number V2200 Thru Present

Item	Part No.	Description	Page	Item	Part No.	Description	Page
	404-011	404 Power Examination Table - R.H. CE (w/o Upholstery)	Ref	OPTIONAL ACCESSORIES Refer to MEDICAL ACCESSORY BOOK {004-0096-00}			
	404-012	404 Power Examination Table - L.H. CE (w/o Upholstery)	Ref				
1	•	• Upholstery Components	6-3.1	9	9A04001	Procto Rest Assembly	9A04
2	•	• Table Top Components	6-4.1	10	9A70000	Stainless Steel Pan	6-5
3	•	• Upper Wrap Components	6-5.5	11	9A86003	Armboard Assembly	9A86
4	••	•• Stirrup Assembly	6-6.3	12	9A88002	Restraint Strap Package	9A88
5	•	• Cabinet Components	6-7.3	13	9A91002	Welch Allyn Bracket	9A91
6	••	•• Drawers	6-8	14	9A101001	Colposcope Mount	9A101
7	••	•• Step Assembly	6-9.5	15	9A104001	Urology Drain Pan	9A104
8	•	• Electrical Components	6-11.2	16	9A140002	Knee Crutch Set	9A140
				17	9A207002	Knee Crutch Set	9A207

Always Specify Model & Serial Number



MA321602

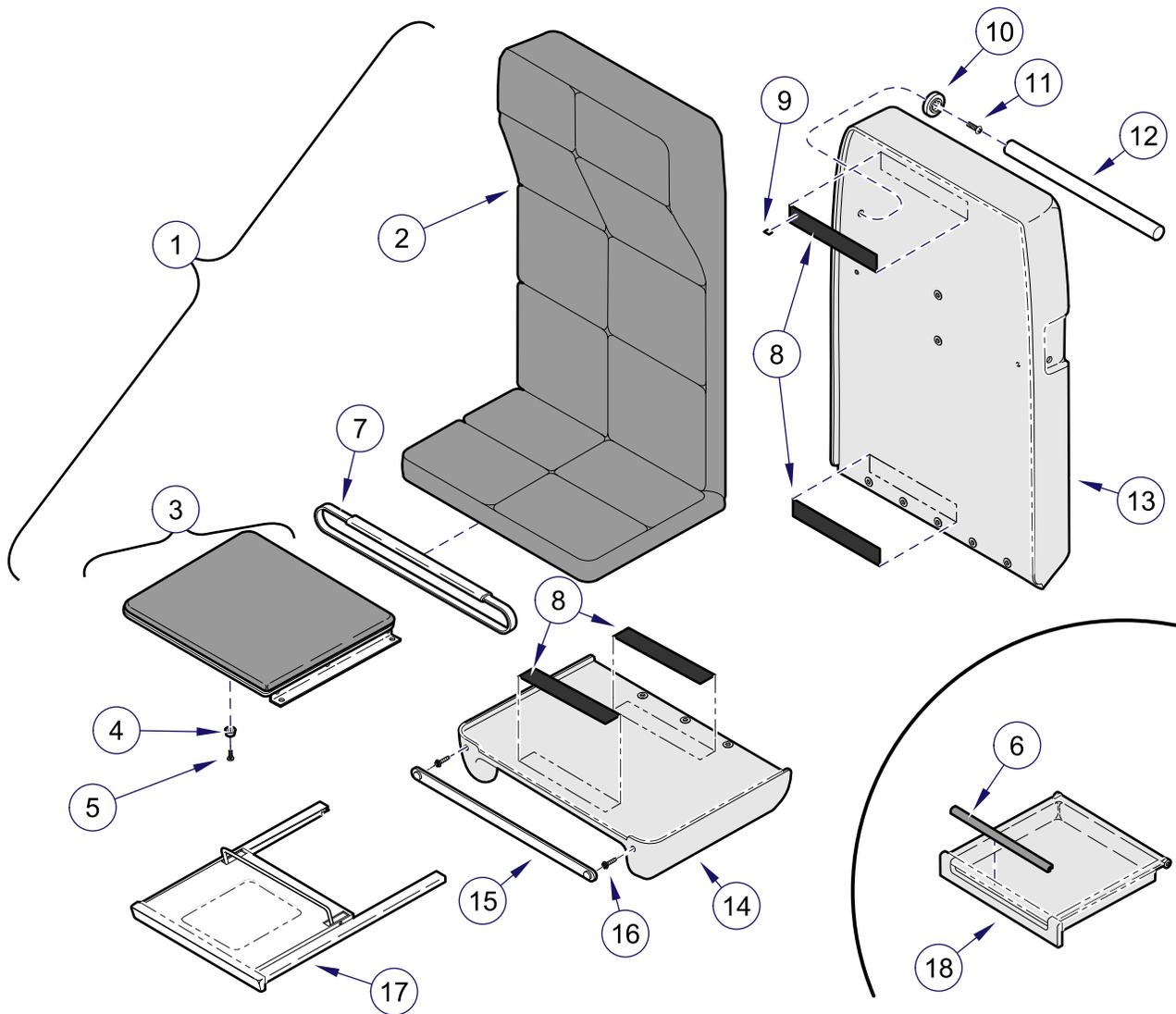
Used On Units With Serial Number V2200 Thru Present

Item	Part No.	Description	Page	Item	Part No.	Description	Page
	404-013	Canadian 404 Power Examination Table - R.H. (w/o Upholstery)	Ref	OPTIONAL ACCESSORIES Refer to MEDICAL ACCESSORY BOOK {004-0096-00}			
	404-014	Canadian 404 Power Examination Table - L.H. (w/o Upholstery)	Ref				
1	•	• Upholstery Components	6-3.*	9	9A04001	Procto Rest Assembly	9A04
2	•	• Table Top Components	6-4.*	10	9A74004	Knee Crutch Set (AX1000 thru AX20852)	9A74
3	•	• Upper Wrap Components	6-5.*	11	9A86003	Armboard Assembly	9A86
4	••	•• Stirrup Assembly	6-6.*	12	9A88002	Restraint Strap Package	9A88
5	•	• Cabinet Components	6-7.*	13	9A91002	Welch Allyn Bracket	9A91
6	••	•• Drawers	6-8	14	9A109002	Heater Assembly	9A109
7	••	•• Step Assembly	6-9.*	15	9A140002	Knee Crutch Set	9A140
				16	9A15900X	Receptacle Assembly	9A159
				17	9A190002	Paper Roll Bracket	9A190
				18	9A207002	Knee Crutch Set	9A207

Always Specify Model & Serial Number

Upholstery Components

SECTION VI PARTS LIST



MA320801i

Used On Units With Serial Number AX1000 thru AX6751 and BB1000 thru BB1764

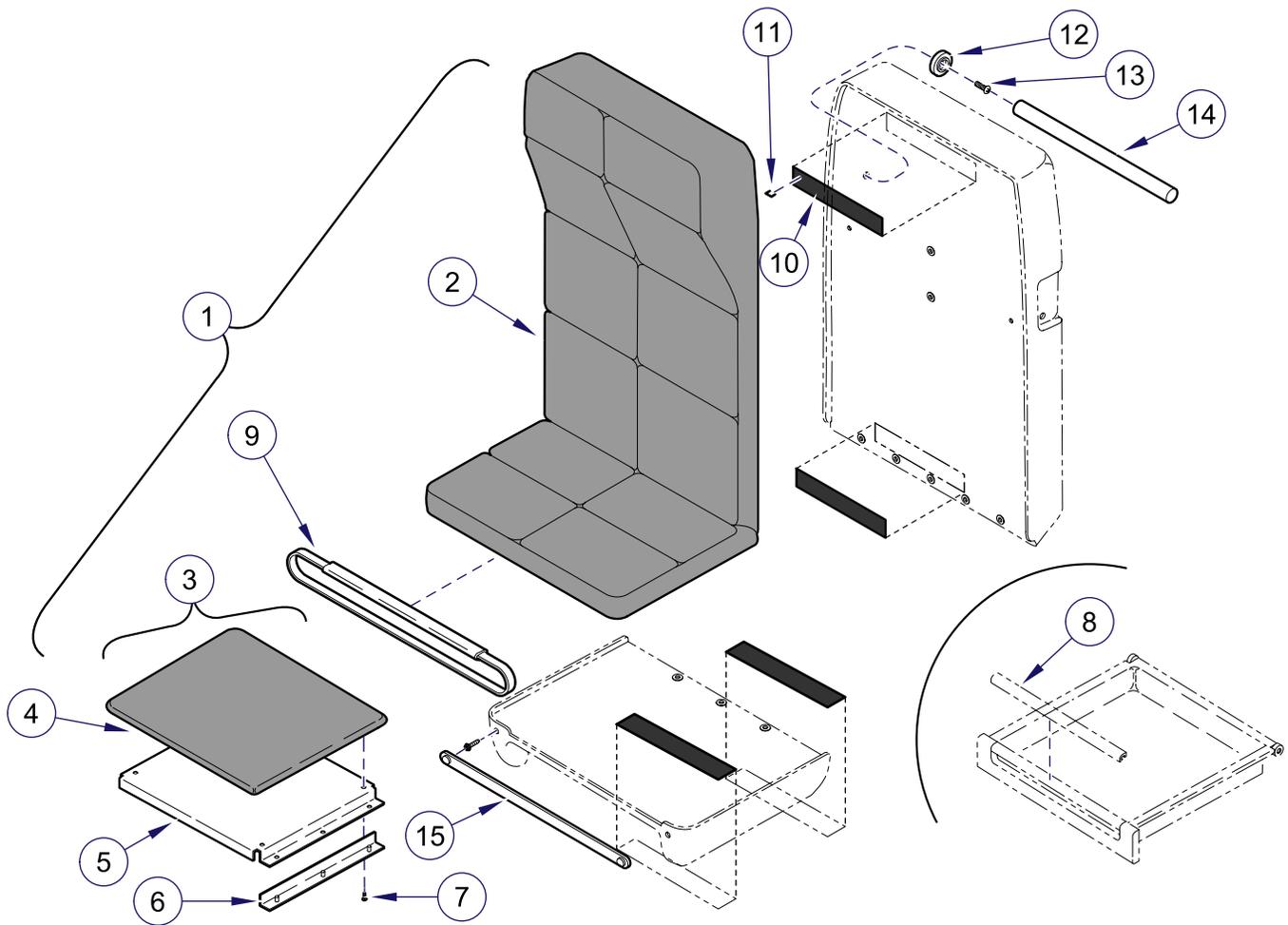
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	002-0276-XX	404 Upholstery Set (Includes Items 2 thru 8 [*Specify Color])	1	13		Plastic Back Assembly (Refer to "Table Top Components" Elsewhere)	Ref
2	• 002-0583-00	• Back/Seat Upholstery [*Specify Color]	1	14		Plastic Seat Assembly (Refer to "Table Top Components" Elsewhere)	Ref
3	• 029-1183-00	• Upholstered Footboard Assembly (Includes Items 4 thru 12 [*Specify Color])	1	15	002-0146-00	Paper Tear Strip Kit. (Early Units)	1
4	•• 053-0276-00	•• Footrest Stop				<i>Note: Kit contains two strips.</i>	
5	•• 040-0010-46	•• Screw	4	16	016-0022-00	Tear Strip Stud (Early Units)	2
6	• 002-0256-12	• Drawer Pull Set (Pearl Grey only)	1	17		Footrest Assembly (Refer to "Footrest Assembly" Elsewhere)	Ref
7	029-0452-02	Paper Tear Strip Assy. (Later Units)	2	18		Drawer Assembly (Refer to "Cabinet Assembly" Elsewhere)	Ref
8	053-0131-02	Velcro Hook Tape	4				
9	042-0040-00	Staple	AR				
10	053-0043-03	R.H. Pole Socket (Shown [Apply Adhesive #042-0021-00])	1				
	053-0043-04	L.H. Pole Socket (Not Shown [Apply Adhesive #042-0021-00])	1				
11	040-0006-26	Screw	2				
12	055-0005-00	Wood Dowel	1				

* Click on the Color Selector link above to see available colors.

Always Specify Model & Serial Number

Upholstery Components

SECTION VI PARTS LIST



MA320802i

**Used On Units With Serial Number AX6752, BB1765, DD1000 and LB1000 thru Present
Used On Units With Serial Number V2200 Thru Present**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	002-0255-xx	404 Upholstery Set (Includes Items 2 thru 8) [*Specify Color]	1	7	••040-0010-23	••Screw	4
	002-0843-00-yyy	404 Upholstery Set - Call 133 (Includes Items 2 thru 8)	1	8	•002-0256-12	•Drawer Pull Set (<i>Pearl Grey</i> only)	1
2	•002-0583-00	•Back/Seat Upholstery [*Specify Color]	1	9	029-0452-02	Paper Tear Strip Assy. (Later Units)	2
	•028-0581-00-yyy	•Back/Seat Upholstery - Call 133	1	10	053-0131-02	Velcro Hook Tape	4
3	•029-1116-01	•Upholstered Footboard Assembly (Incl. Items 4 thru 7) [*Specify Color]	1	11	042-0040-00	Staple	AR
4	••028-0357-00	••Uphol. Footboard [*Specify Color]	1	12	053-0043-03	R.H. Pole Socket (Shown [Apply Adhesive #042-0021-00])	1
5	••050-1490-00	••Footrest Pad Runner	1		053-0043-04	L.H. Pole Socket (Not Shown [Apply Adhesive #042-0021-00])	1
6	••053-0319-00	••Nylon Guide	2	13	040-0006-26	Screw	2
7	••040-0010-23	••Screw	4	14	055-0005-00	Wood Dowel	1
				15	002-0146-00	Paper Tear Strip Kit. (Early Units)	1

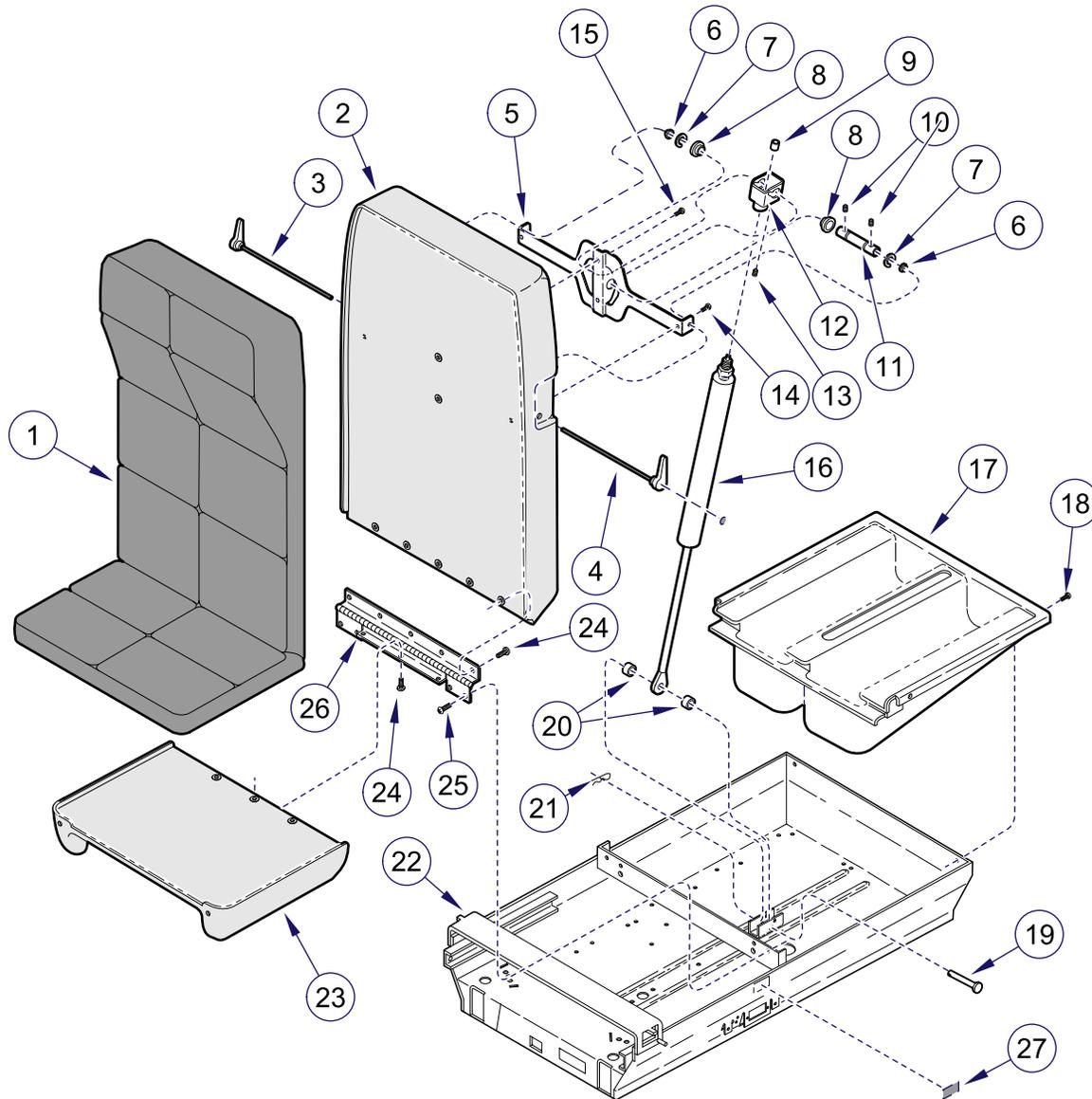
Note: Kit contains two strips.

* Click on the Color Selector link above to see available colors.

Always Specify Model & Serial Number

Table Top Components

SECTION VI PARTS LIST



MA8809i

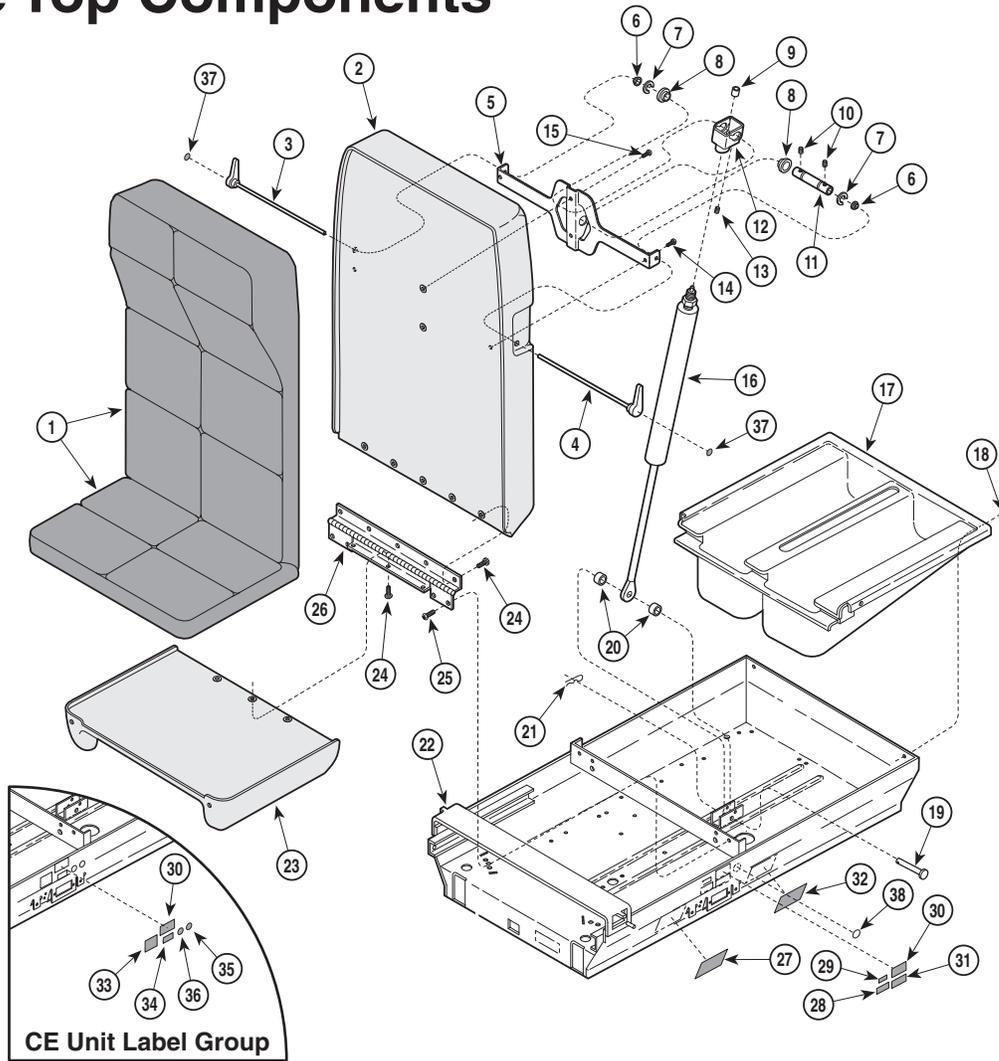
**Used On Units With Serial Number AX1000 thru AX37307, BB1000
thru BB7102 and DD1000 thru DD1618**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstery Set (Refer to "Upholstery Components" Elsewhere)	Ref	14	040-0010-43	Screw	2
2	002-0400-00	Plastic Back Assembly (includes items 2, 23, 24, 25, 26)	1	15	040-0010-23	Screw	2
3	002-0555-00	R.H. Handle Assembly (includes L.H., 3, 4, 27 & 28)	1	16	016-0240-00	Locking Gas Cylinder	1
4		L.H. Handle Assembly (order item #3) .	1	17	053-0318-00	Paper Storage	1
5	050-1237-00	Back Pivot	1	18	040-0010-00	Screw	4
6	053-0226-01	Snap In Bearing	2	19	042-0602-36	Clevis Pin	1
7	042-0066-00	Crescent Ring	2	20	016-0138-03	Spacer	2
8	053-0246-00	Back Pivot Bearing	2	21	042-0004-00	Hitch Pin Clip	1
9	053-0247-00	Plunger	1	22		Upper Wrap Weldment (Refer to "Upper Wrap Assembly" Elsewhere)	Ref
10	040-0250-75	Set Screw	2	23	002-0400-00	Plastic Seat Assembly (Includes # 2, 23, 24, 25, 26)	1
11	051-0404-00	Cam	1	24	040-0010-43	Screw (#10-24 x 1")	10
12	020-0052-00	Actuator Cap	1	25	040-0010-04	Screw	4
13	040-0250-26	Set Screw	1	26	016-0270-00	Hinge	1
				27		404 Serial Number Tag	Ref

Always Specify Model & Serial Number

Table Top Components

SECTION VI PARTS LIST



MA320902

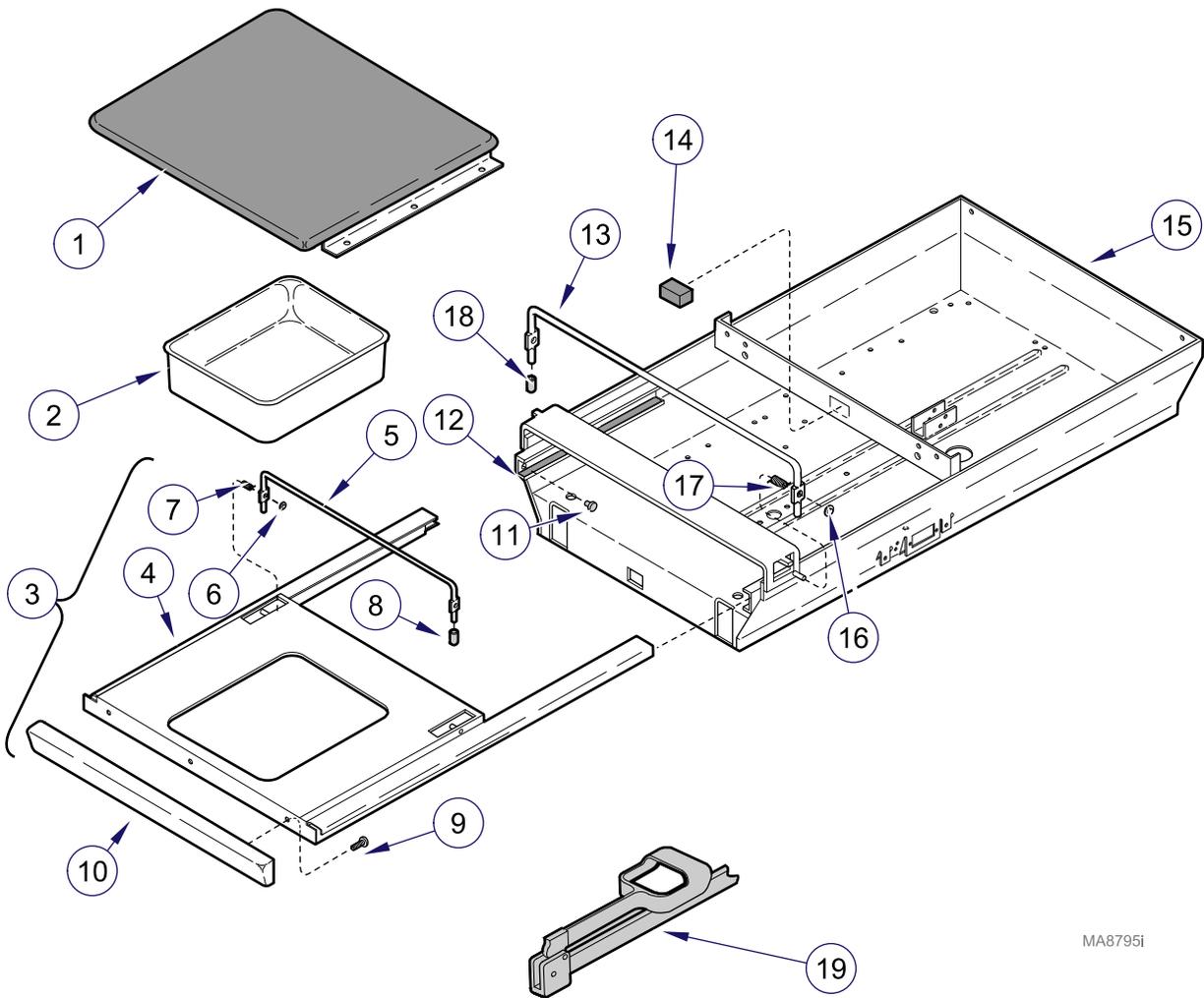
Used On Units With Serial Number AX37308, BB7103, DD1619 and LB1000 thru Present
Used On Units With Serial Number V2200 Thru Present

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstery Set (Refer to "Upholstery Components" Elsewhere)	Ref	21	042-0004-00	Hitch Pin Clip	1
2	029-1558-00	Plastic Back Assembly	1	22		Upper Wrap Weldment (Refer to "Upper Wrap Assembly" Elsewhere)	Ref
3	002-0555-00	Handle Assembly Kit (Incl. R.H. & L.H.)	1	23	029-1565-00	Plastic Seat Assembly	1
	• 029-0676-00	• R.H. Handle Assembly	1	24	040-0250-121	Screw	8
4	002-0555-00	Handle Assembly Kit (Incl. R.H. & L.H.)	1	25	040-0010-04	Screw	4
	• 029-0676-01	• L.H. Handle Assembly	1	26	016-0505-10	Hinge	1
5	050-1237-00	Back Pivot	1	27	061-0388-00	Caution/Attention Label (non-CE units w/o Heater)	1
6	053-0226-01	Snap In Bearing	2	28		C. S. A. Label (Used only on domestic units built prior to 4-01-2005)	1
7	042-0066-00	Crescent Ring	2	29	061-0291-00	Patent Pending Label (non-CE units)	1
8	053-0246-00	Back Pivot Bearing	2	30		404 Serial Number Tag	Ref
9	053-0247-00	Plunger	1	31		Regulatory Compliance Label	Ref
10	040-0250-75	Set Screw	2	32	061-0293-00	Danger Label (non-CE units)	1
11	051-0404-00	Cam	1	33	061-0781-00	CE Representative Label (CE units)	1
12	020-0052-00	Actuator Cap	1	34	061-0291-00	Patent Number Label (CE units)	1
13	040-0250-26	Set Screw	1	35	061-0590-00	CE Label (CE units)	1
14	040-0010-43	Screw	2	36	061-0652-00	Type B Equipment Label (Export units)	1
15	040-0010-23	Screw	2	37	061-0654-00	Caution Label (CE units)	2
16	016-0240-00	Locking Gas Cylinder	1	38	061-0653-00	Earth Ground Label (Export units)	1
17	053-0318-00	Paper Storage	1				
18	040-0010-00	Screw	4				
19	042-0602-36	Clevis Pin	1				
20	016-0138-03	Spacer	2				

Always Specify Model & Serial Number

Upper Wrap Components

SECTION VI PARTS LIST



MA8795I

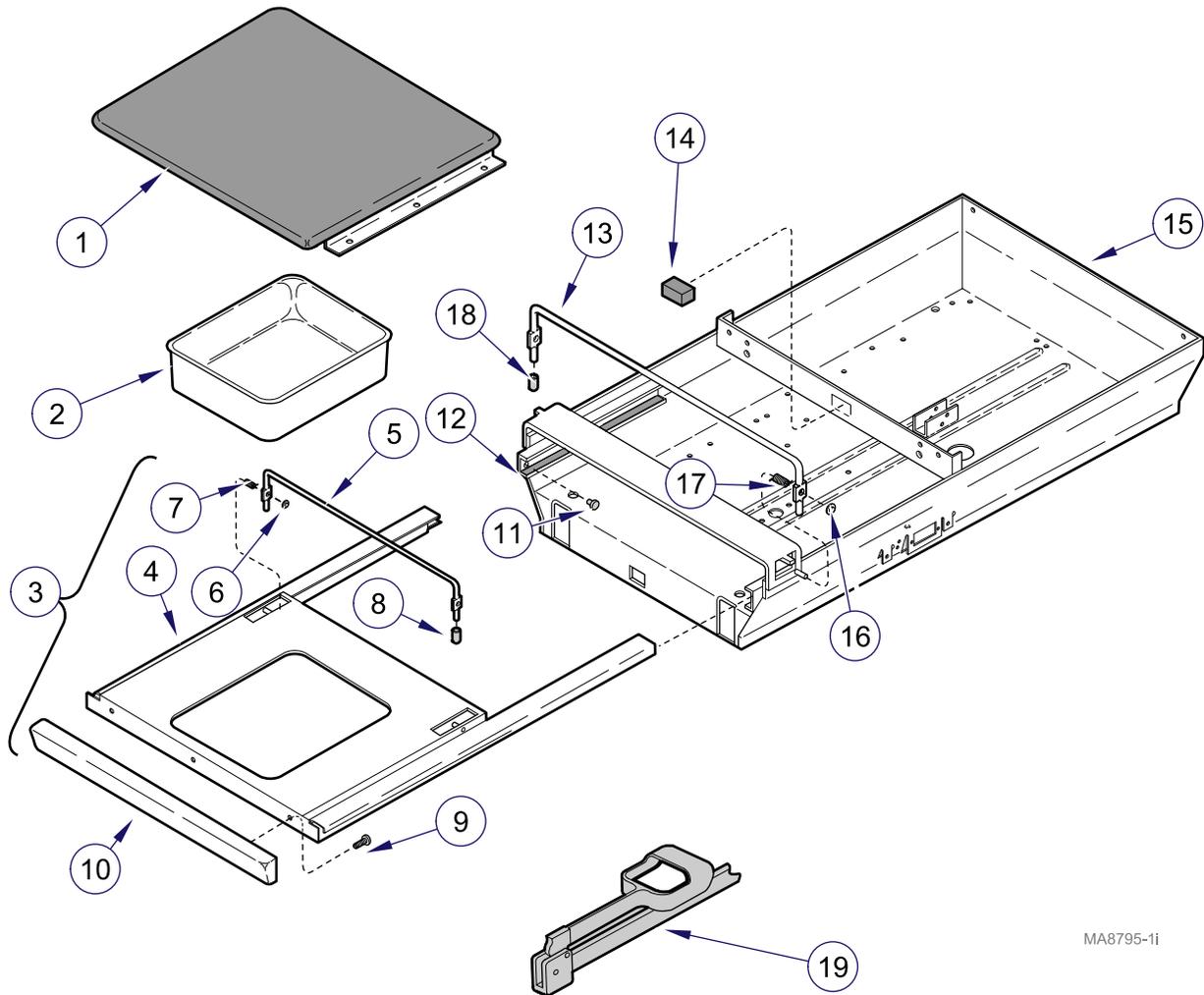
Used On Units With Serial Number AX1000 thru AX6752 and BB1000 thru BB1765

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstered Footboard (Refer to "Upholstery Components" Elsewhere)	Ref	13	057-0170-00	Pelvic Lift	1
2	053-0220-00-271	Treatment Pan	1	14	054-0126-00	Footrest Bumper	1
3	029-0577-00	Footrest Shelf Assembly (Includes Items 4 thru 10)	1	15	030-0574-00	Upper Wrap Weldment	1
4	030-0425-00	• Footrest Weldment	1	16	041-0009-00	Push Nut	2
5	057-0169-00	• Footrest Lift	1	17	016-0284-00	R.H. Spring (Shown)	1
6	041-0009-00	• Push Nut	2		016-0284-01	L.H. Spring	1
7	016-0284-00	• R.H. Spring (Shown)	1	18	053-0268-00	Vinyl End Cap	2
	016-0284-01	• L.H. Spring	1	19		Stirrup Assembly (Refer to "Stirrup Assembly" Elsewhere)	Ref
8	053-0268-00	• Vinyl End Cap	2				
9	040-0010-48	• Screw	3				
10	053-0339-00	• Footrest Pull	1				
11	053-0001-00	Nylon Stem Bumper	4				
12	053-0018-04	Tape	4				

Always Specify Model & Serial Number

Upper Wrap Components

SECTION VI PARTS LIST



MA8795-1i

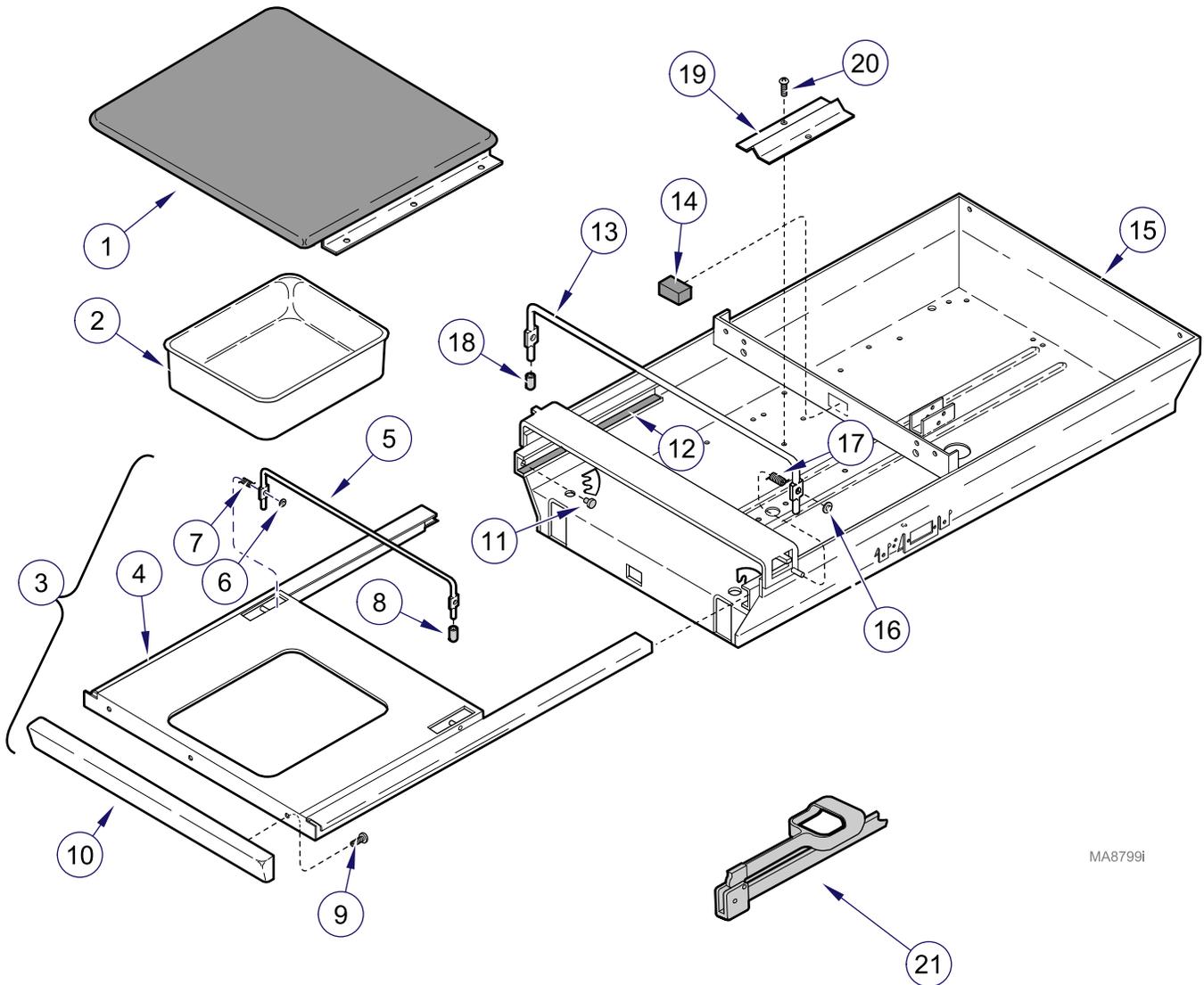
Used On Units With Serial Number AX6753 thru AX15439 and BB1766 thru BB3399

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstered Footboard (Refer to "Upholstery Components" Elsewhere)	Ref	10	• 053-0339-00	• Footrest Pull	1
2	053-0220-00-271	Treatment Pan	1	11	053-0001-00	Nylon Stem Bumper	4
3	029-1112-00	Footrest Shelf Assembly (Includes Items 4 thru 10)	1	12	053-0018-04	Tape	4
4	• 030-0575-00	• Footrest Weldment	1	13	057-0170-00	Pelvic Lift	1
5	• 057-0217-00	• Footrest Lift	1	14	054-0126-00	Footrest Bumper	1
6	• 041-0009-00	• Push Nut	2	15	030-0574-00	Upper Wrap Weldment	1
7	• 016-0284-00	• R.H. Spring (Shown)	1	16	041-0009-00	Push Nut	2
	• 016-0284-01	• L.H. Spring	1	17	016-0284-00	R.H. Spring (Shown)	1
8	• 053-0268-00	• Vinyl End Cap	2		016-0284-01	L.H. Spring	1
9	• 040-0010-48	• Screw	3	18	053-0268-00	Vinyl End Cap	2
				19		Stirrup Assembly (Refer to "Stirrup Assembly" Elsewhere)	Ref

Always Specify Model & Serial Number

Upper Wrap Components

SECTION VI PARTS LIST



MA8799i

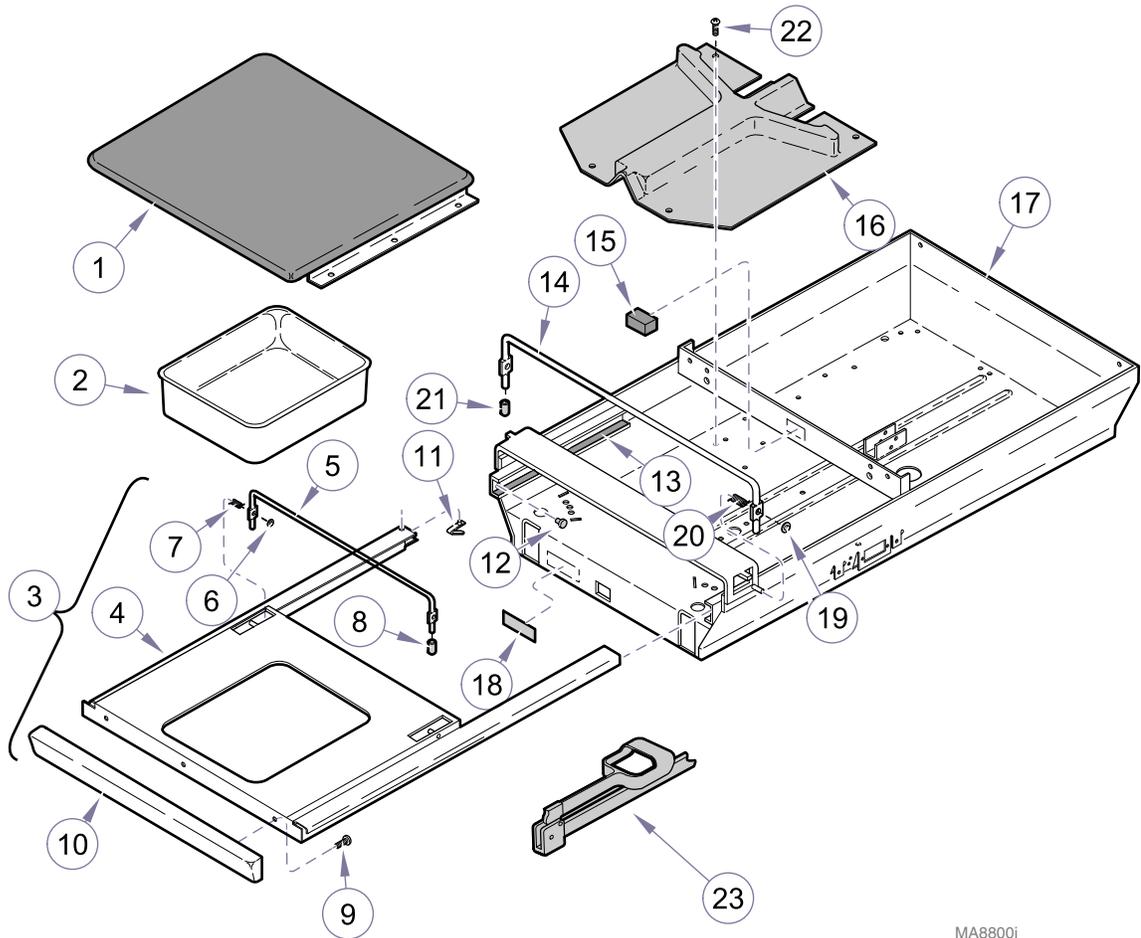
Used On Units With Serial Number AX15440 thru AX19189, AX19275 thru AX20853, BB3400 thru BB4077, and BB4090 thru BB4482

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstered Footboard (Refer to "Upholstery Components" Elsewhere)	Ref	11	053-0001-00	Nylon Stem Bumper	4
2	053-0220-00-271	Treatment Pan	1	12	053-0018-04	Tape	4
3	029-1112-00	Footrest Shelf Assembly (Includes Items 4 thru 10)	1	13	057-0170-00	Pelvic Lift	1
4	• 030-0575-00	• Footrest Weldment	1	14	054-0126-00	Footrest Bumper	1
5	• 057-0217-00	• Footrest Lift	1	15	030-0574-01	Upper Wrap Weldment	1
6	• 041-0009-00	• Push Nut	2	16	041-0009-00	Push Nut	2
7	• 016-0284-00	• R.H. Spring (Shown)	1	17	016-0284-00	R.H. Spring (Shown)	1
8	• 016-0284-01	• L.H. Spring	1		016-0284-01	L.H. Spring	1
9	• 053-0268-00	• Vinyl End Cap	2	18	053-0268-00	Vinyl End Cap	2
10	• 040-0010-48	• Screw	3	19	050-1709-00	Wire Cover	1
	• 053-0339-00	• Footrest Pull	1	20	040-0010-00	Screw	2
				21		Stirrup Assembly (Refer to "Stirrup Assembly" Elsewhere)	Ref

Always Specify Model & Serial Number

Upper Wrap Components

SECTION VI PARTS LIST



MA8800i

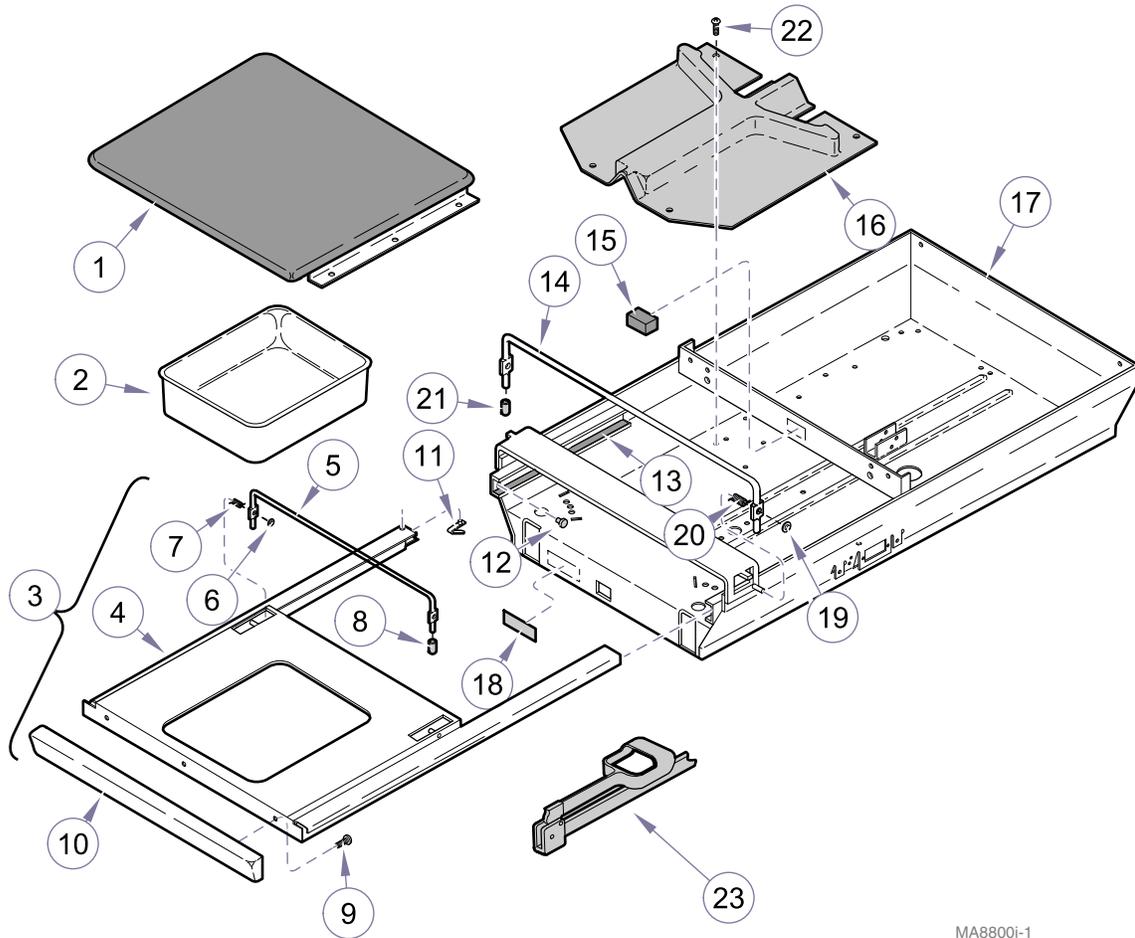
Used On Units With Serial Number AX19190 thru AX19274, AX20854 thru AX31057, BB4078 thru BB4089, BB4483 thru BB6154, and DD1000 thru DD1291

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstered Footboard (Refer to "Upholstery Components " Elsewhere)	Ref	13	053-0018-04	Tape	4
2	053-0220-00-271	Treatment Pan	1	14	057-0170-00	Pelvic Lift	1
3	029-1112-00	Footrest Shelf Assembly (Includes Items 4 thru 11)	1	15	054-0126-00	Footrest Bumper	1
4	• 030-0575-00	• Footrest Weldment	1	16	053-0380-00	Stirrup Guide	1
5	• 057-0217-00	• Footrest Lift	1	17	030-0687-10	Upper Wrap Weldment (Used on 120 VAC Units Only)	1
6	• 041-0009-00	• Push Nut	2		030-0687-10	Upper Wrap Weldment (Used on 220 VAC Units Only)	1
7	• 016-0284-00	• R.H. Spring (Shown)	1	18	061-0296-00	Stirrup Instruction Label	1
	• 016-0284-01	• L.H. Spring	1	19	041-0009-00	Push Nut	2
8	• 053-0268-00	• Vinyl End Cap	2	20	016-0284-00	R.H. Spring (Shown)	1
9	• 040-0010-48	• Screw	3		016-0284-01	L.H. Spring	1
10	• 053-0339-00	• Footrest Pull	1	21	053-0268-00	Vinyl End Cap	2
11	• 016-0340-00	• Snap Button	2	22	040-0010-00	Screw	4
12	053-0001-00	Nylon Stem Bumper	4	23		Stirrup Assembly (Refer to "Stirrup Assembly" Elsewhere)	Ref

Always Specify Model & Serial Number

Upper Wrap Components

SECTION VI PARTS LIST



MA8800i-1

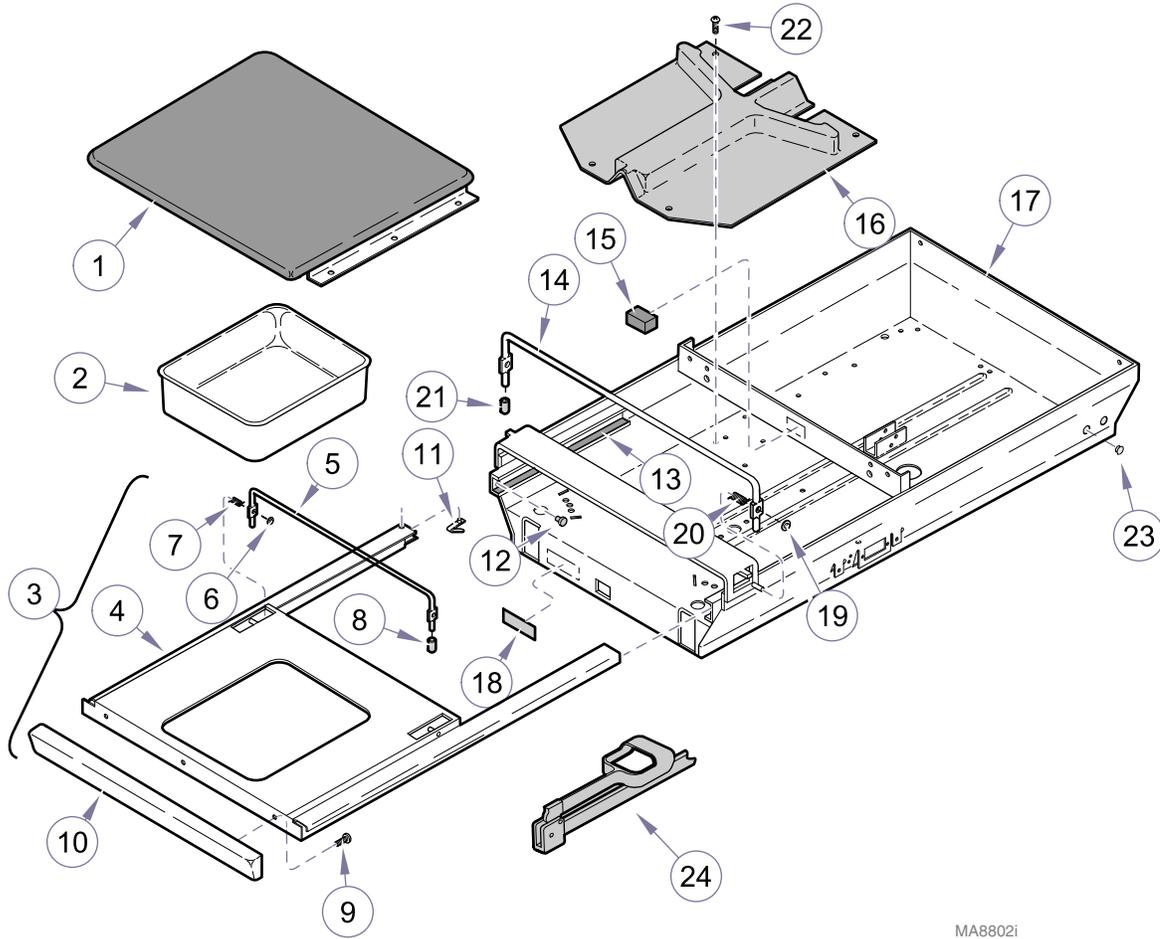
Used On Units With Serial Number AX31058 thru AX64615, BB6155 thru BB13101, and DD1292 thru DD5446

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstered Footboard (Refer to "Upholstery Components" Elsewhere)	Ref	14	057-0170-00	Pelvic Lift	1
2	053-0220-00-271	Treatment Pan	1	15	054-0126-00	Footrest Bumper	1
3	029-1112-00	Footrest Shelf Assembly (Includes Items 4 thru 11)	1	16	053-0380-00	Stirrup Guide	1
4	• 030-0575-00	• Footrest Weldment	1	17	030-0717-10	Upper Wrap Weldment (Used on 120 VAC Units Only)	1
5	• 057-0217-00	• Footrest Lift	1		030-1160-10	Upper Wrap Weldment (Used on 220 VAC Units Only)	1
6	• 041-0009-00	• Push Nut	2	18	061-0296-00	Stirrup Instruction Label	1
7	• 016-0284-00	• R.H. Spring (Shown)	1	19	041-0009-00	Push Nut	2
8	• 016-0284-01	• L.H. Spring	1	20	016-0284-00	R.H. Spring (Shown)	1
9	• 053-0268-00	• Vinyl End Cap	2		016-0284-01	L.H. Spring	1
10	• 040-0010-48	• Screw	3	21	053-0268-00	Vinyl End Cap	2
11	• 053-0339-00	• Footrest Pull	1	22	040-0010-00	Screw	4
12	• 016-0340-00	• Snap Button	2	23		Stirrup Assembly (Refer to "Stirrup Assembly" Elsewhere)	Ref
13	053-0001-00	Nylon Stem Bumper	4				
	053-0018-04	Tape	4				

Always Specify Model & Serial Number

Upper Wrap Components

SECTION VI PARTS LIST



MA8802i

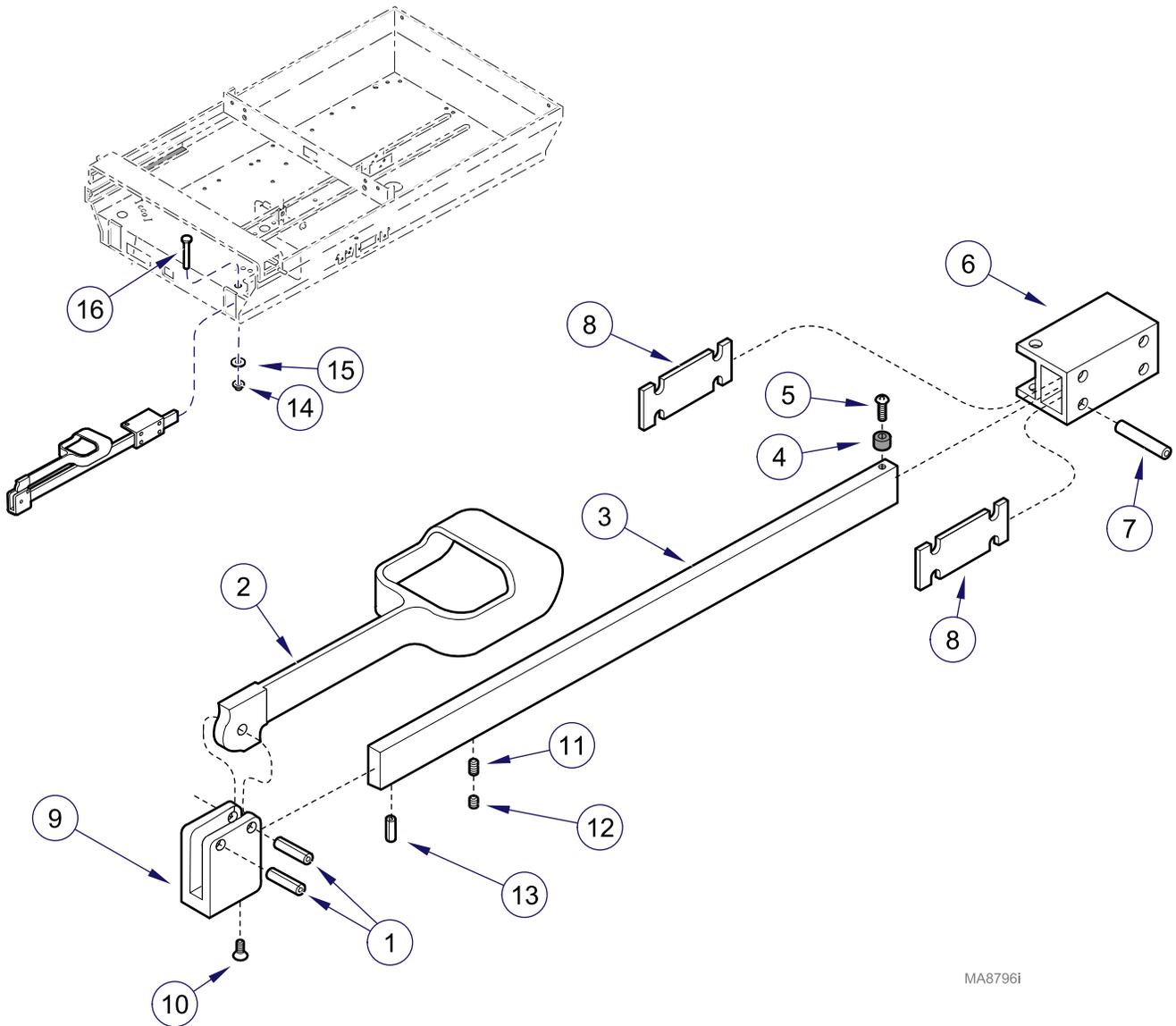
**Used On Units With Serial Number AX64616, BB13102, DD5447 and LB1000 thru Present
Used On Units With Serial Number V2200 Thru Present**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Upholstered Footboard (Refer to "Upholstery Components" Elsewhere)	Ref	14	057-0170-00	Pelvic Lift	1
2	053-0220-00-271 9A70000	Treatment Pan	1	15	054-0126-00	Footrest Bumper	1
		Stainless Steel Pan (Optional on Domestic, Standard on CE Units Only) .	1	16	053-0380-00	Stirrup Guide	1
3	029-1112-00	Footrest Shelf Assembly (Includes Items 4 thru 11)	1	17	030-0717-10 030-1160-10	Upper Wrap Weldment (Used on 120 VAC Domestic Units Only)	1
4	• 030-0575-00	• Footrest Weldment	1		030-0717-12	Upper Wrap Weldment (Used on 220 VAC CE Export Units Only)	1
5	• 057-0217-00	• Footrest Lift	1			Upper Wrap Weldment (Used on 120 VAC Canadian Units Only)	1
6	• 041-0009-00	• Push Nut	2	18	061-0296-00	Stirrup Instruction Label (non-CE Units) .	1
7	• 016-0284-00	• R.H. Spring (Shown)	1	19	041-0009-00	Push Nut	2
	• 016-0284-01	• L.H. Spring	1	20	016-0284-00	R.H. Spring (Shown)	1
8	• 053-0268-00	• Vinyl End Cap	2		016-0284-01	L.H. Spring	1
9	• 040-0010-48	• Screw	3	21	053-0268-00	Vinyl End Cap	2
10	• 053-0339-00	• Footrest Pull	1	22	040-0010-00	Screw	4
11	• 016-0340-00	• Snap Button	2	23	053-0050-11	Hole Plug	2
12	053-0001-00	Nylon Stem Bumper	4	24		Stirrup Assembly (Refer to "Stirrup Assembly" Elsewhere)	Ref
13	053-0018-04	Tape	4				

Always Specify Model & Serial Number

Stirrup Assembly

SECTION VI PARTS LIST



MA8796i

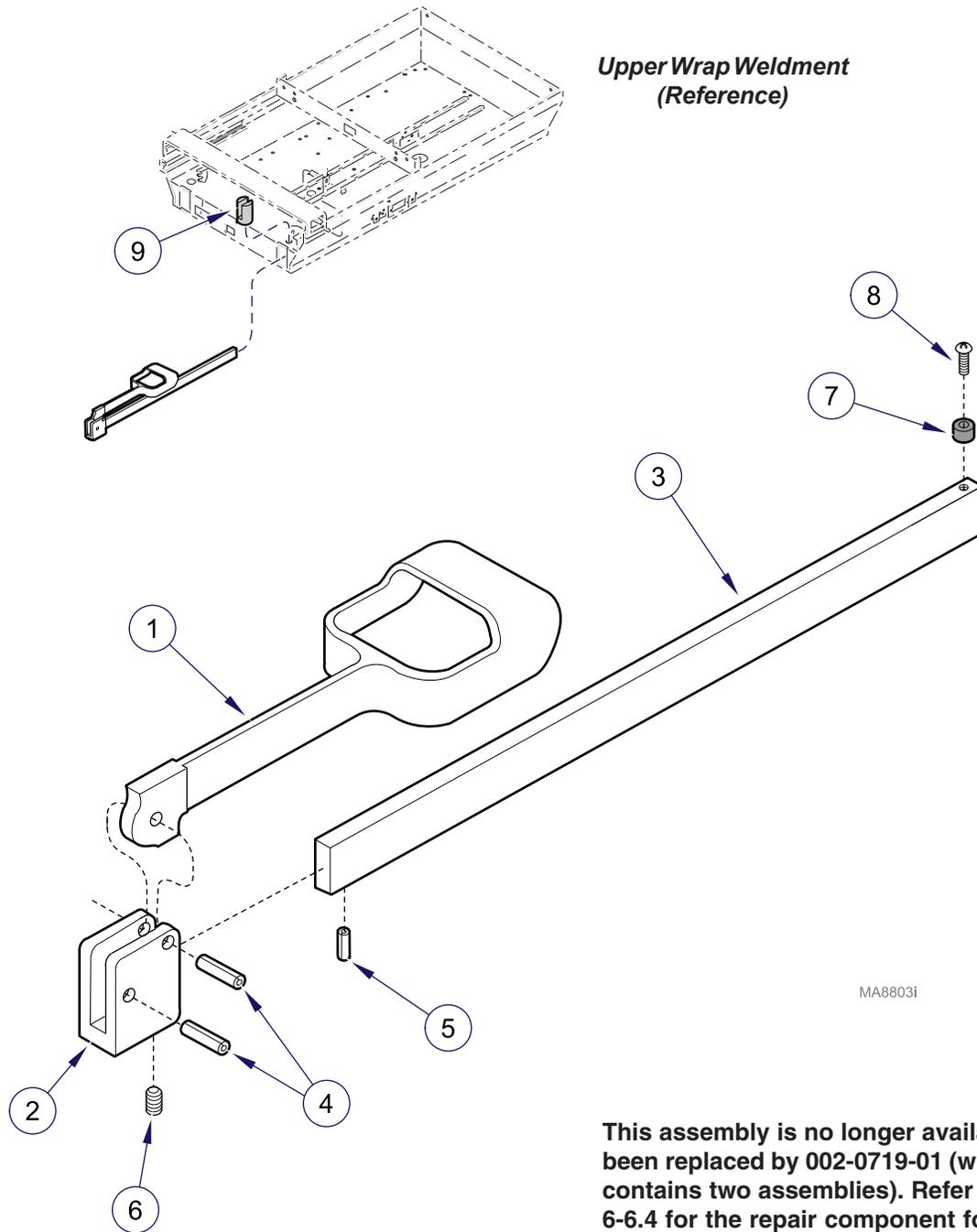
**Used On Units With Serial Number AX1000 thru AX2195
and BB1000 thru BB1062**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
	029-0580-00	R.H. Stirrup Assembly (Includes Items 1 Thru 13)	1	7	•042-0001-12	• Roll Pin	3
	029-0580-01	L.H. Stirrup Assembly (Includes Items 1 Thru 13)	1	8	•053-0228-00	• Stirrup Spacer	2
1	•042-0001-00	• Roll Pin	2	9	•051-0417-00	• Pivot Block	1
2	• 020-0001-01	• Vinyl Coated Stirrup	1	10	•040-0250-33	• Screw	1
3	• 051-0394-00	• Horizontal Bar	1	11	•040-0250-26	• Set Screw	1
4	•053-0081-00	• Nylon Stop	1	12	•040-0250-15	• Set Screw	1
5	•040-0250-23	• Screw	1	13	•042-0001-02	• Roll Pin	1
6	• 021-0013-00	• Stirrup Block Extrusion	1	14	K906034	Push Nut	2
				15	045-0007-01	Bearing Washer	2
				16	K906112-5	Rivet	2

Always Specify Model & Serial Number

Stirrup Assembly

SECTION VI PARTS LIST



MA8803I

This assembly is no longer available. It has been replaced by 002-0719-01 (which contains two assemblies). Refer to page 6-6.4 for the repair component for the replacement assemblies.

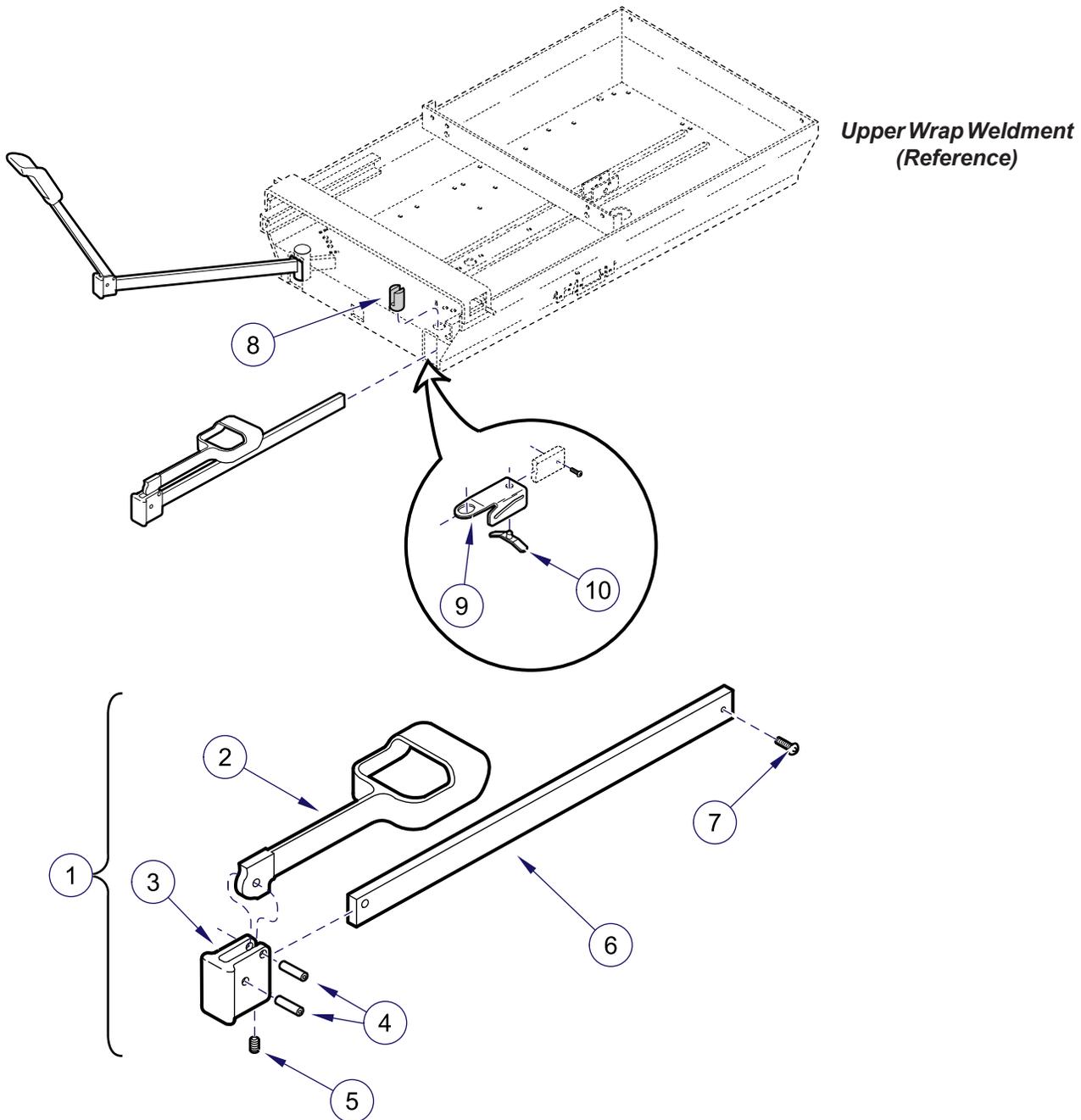
Used On Units With Serial Number AX2196 thru AX20853 BB1063 thru BB4483

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
	029-0152-00	Stirrup Assembly (Includes Items 1 Thru 8)	Ref				
1	020-0001-01	Vinyl Coated Stirrup	1		042-0001-00	Roll Pin	2
2	020-0012-00	Pivot Block	1	5	042-0001-02	Roll Pin	1
3	051-0133-00	Horizontal Bar	1	6	040-0250-15	Set Screw (w/Nylock)	1
				7	053-0081-00	Nylon Stop	1
				8	040-0250-01	Screw	1
				9	053-0082-00	Pivot Boss	1

Always Specify Model & Serial Number

Stirrup Assembly

SECTION VI PARTS LIST



MA88004I

This assembly is no longer available. It has been replaced by 002-0719-01 (which contains two assemblies). Refer to page 6-6.4 for the repair component for the replacement assemblies.

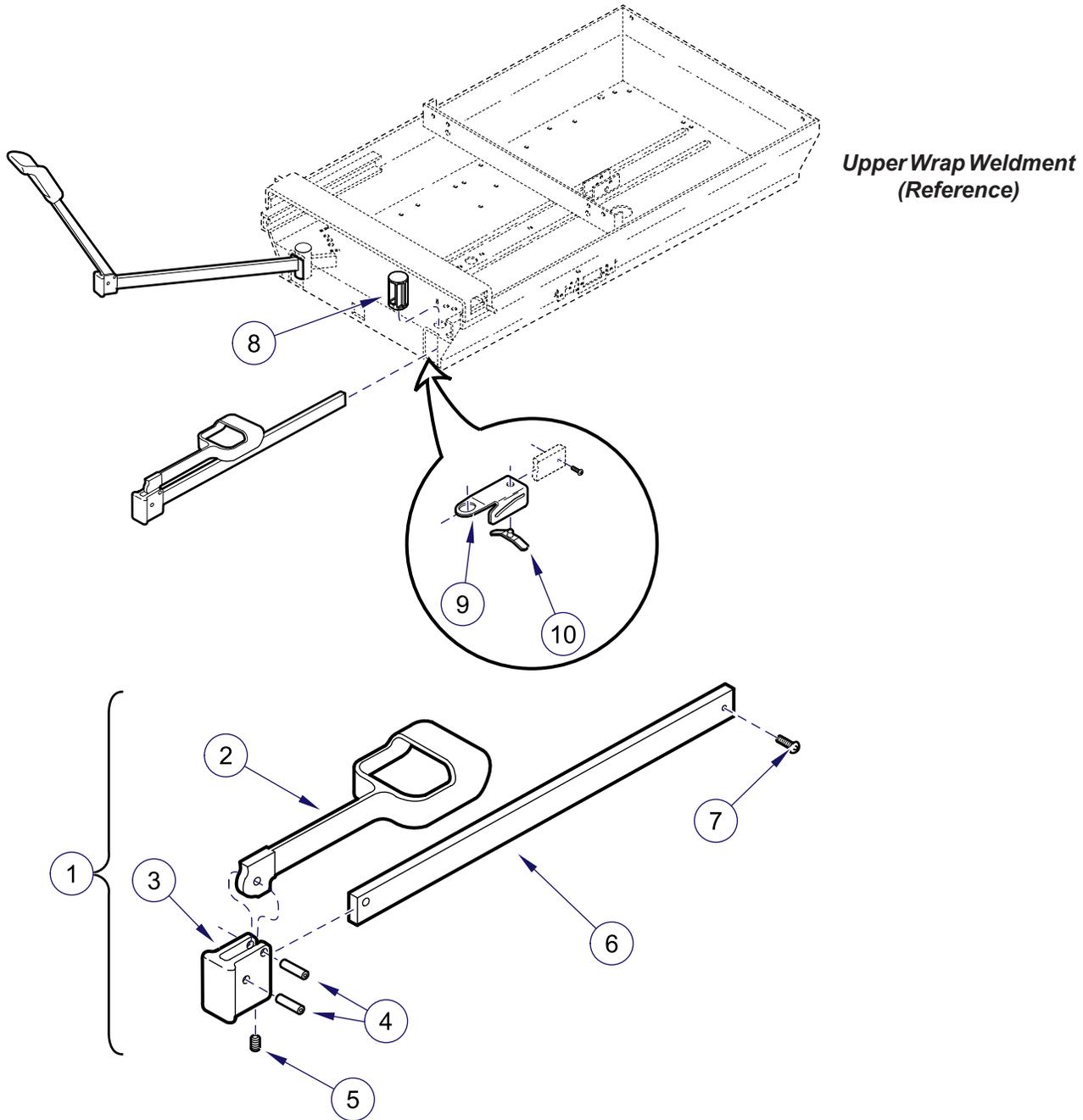
Used On Units With Serial Number AX20854 thru AX31057, BB4484 thru BB6154, and DD1000 thru DD1291

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-1277-01	Stirrup Assembly (Includes Items 2 thru 6)	2	7	040-0010-34	Pan HD Screw (.190-24 x .375)	1
2	020-0181-01	• Stirrup	1	8	053-0082-00	Pivot Boss	1
3	020-0182-00	• Block, Pivot	1	9	050-5027-00	Guide Bracket	2
4	042-0001-00	• Roll Pin	2	10	016-0400-00	Index Spring	2
5	040-0250-15	• Setscrew	1			(Apply Lubricating Oil # S006-00719) ...	2
6	051-0634-02	• Bar, Horizontal	1				

N.L.A. = No Longer Available
Always Specify Model & Serial Number

Stirrup Assembly

SECTION VI PARTS LIST



MA88005i

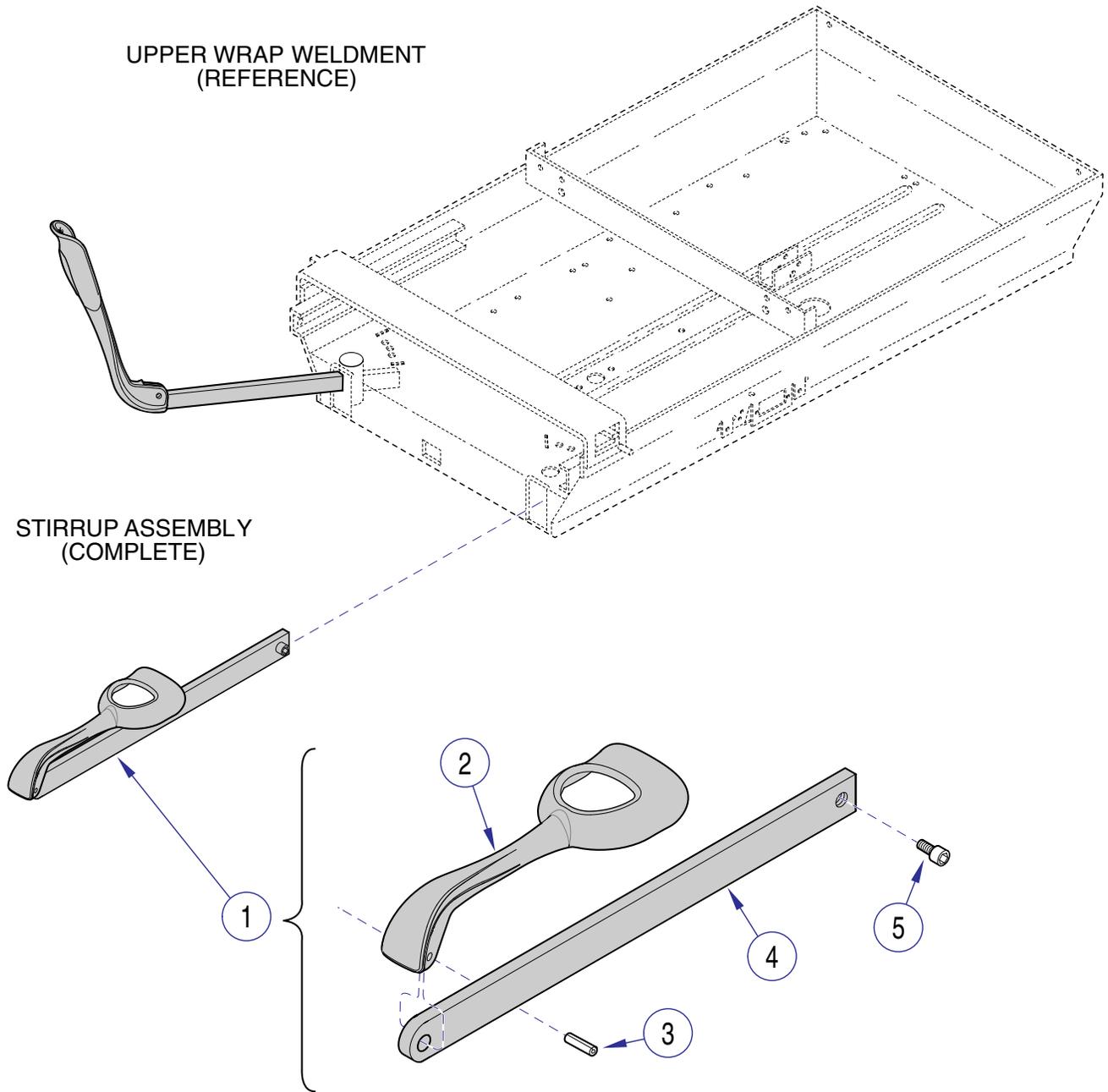
This assembly is no longer available. It has been replaced by 002-0719-01 (which contains two assemblies). Refer to page 6-6.4 for the repair component for the replacement assemblies.

Used On Units With Serial Number AX31058 thru AX77473, BB6155 thru BB16329 DD1292 thru Present and LB1000 thru LB2680. Used On Units With Serial Number V2200 thru Present							
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-1397-01	Stirrup Assembly (Includes Items 2 thru 6)	2	6			
2	020-0181-01	Stirrup	1	7	040-0010-47	Screw (#10-24 x 3/8")	1
3	020-0182-00	Block, Pivot	1	8	053-0387-00	Pivot Boss	1
4	042-0001-00	Roll Pin	2	9	050-5027-00	Guide Bracket	2
5	040-0250-15	Set Screw	1	10	016-0400-00	Index Spring (Apply Lubricating Oil # S006-00719) ...	2
6	051-0668-02	Bar, Horizontal	1				

N.L.A. = No Longer Available
Always Specify Model & Serial Number

Stirrup Assembly

SECTION VI PARTS LIST



MA6057001

Used On Units With Serial Number AX77474, BB16330 and LB2681 thru Present
Used On Units With Serial Number V2200 thru Present

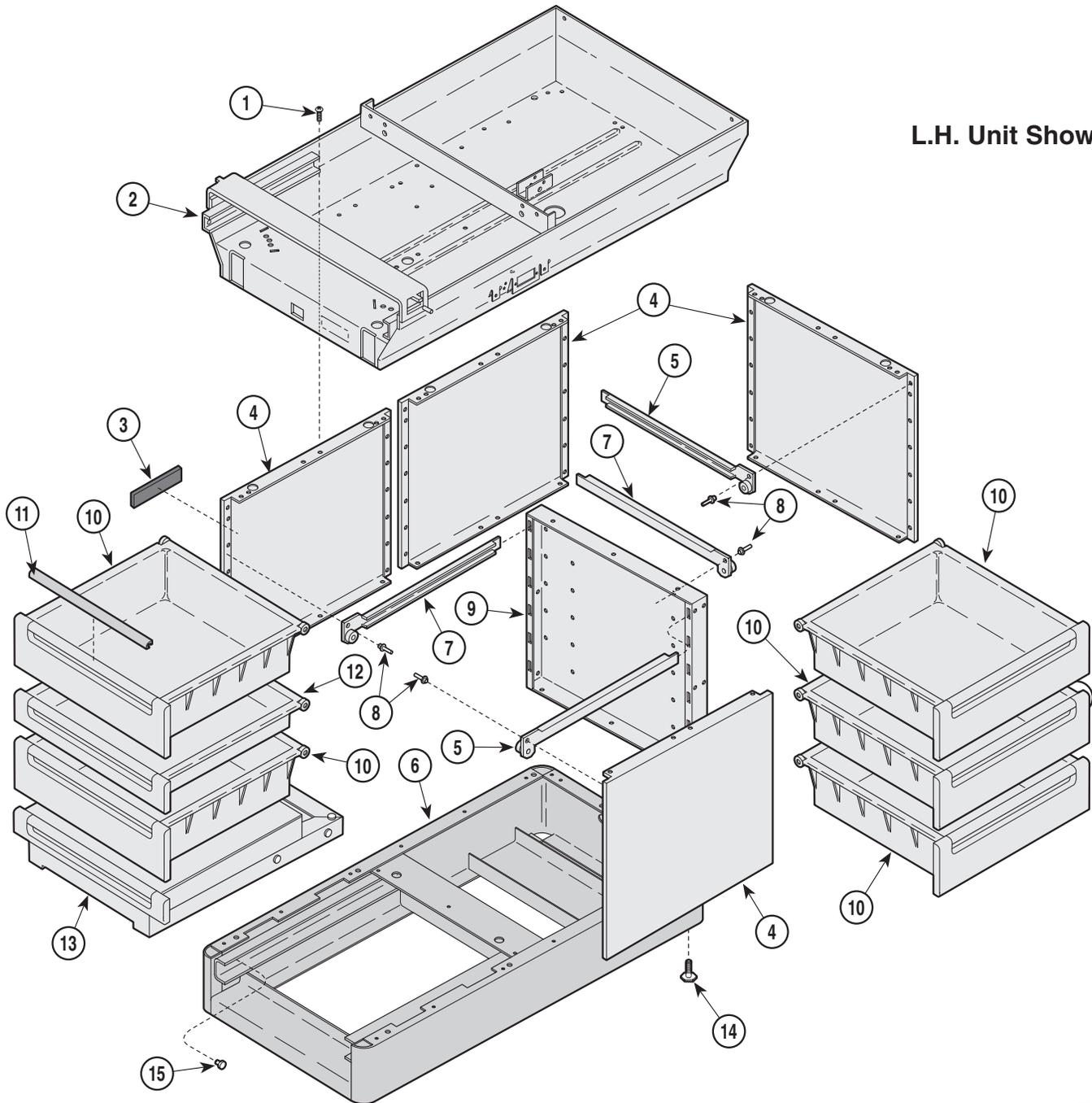
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-2951-01	Stirrup Assembly (Includes Items 2 thru 4)	2	3	• 042-0001-39	• Roll Pin	1
2	• 020-0337-00-312	• Stirrup	1	4	• 051-1003-01	• Stirrup Bar	1
				5	040-0010-47	Set Screw	1

Always Specify Model & Serial Number

Cabinet Components

SECTION VI PARTS LIST

L.H. Unit Shown



MA321101

**Used On Units With Serial Number AX1000 thru AX20379
and BB1000 thru BB4297**

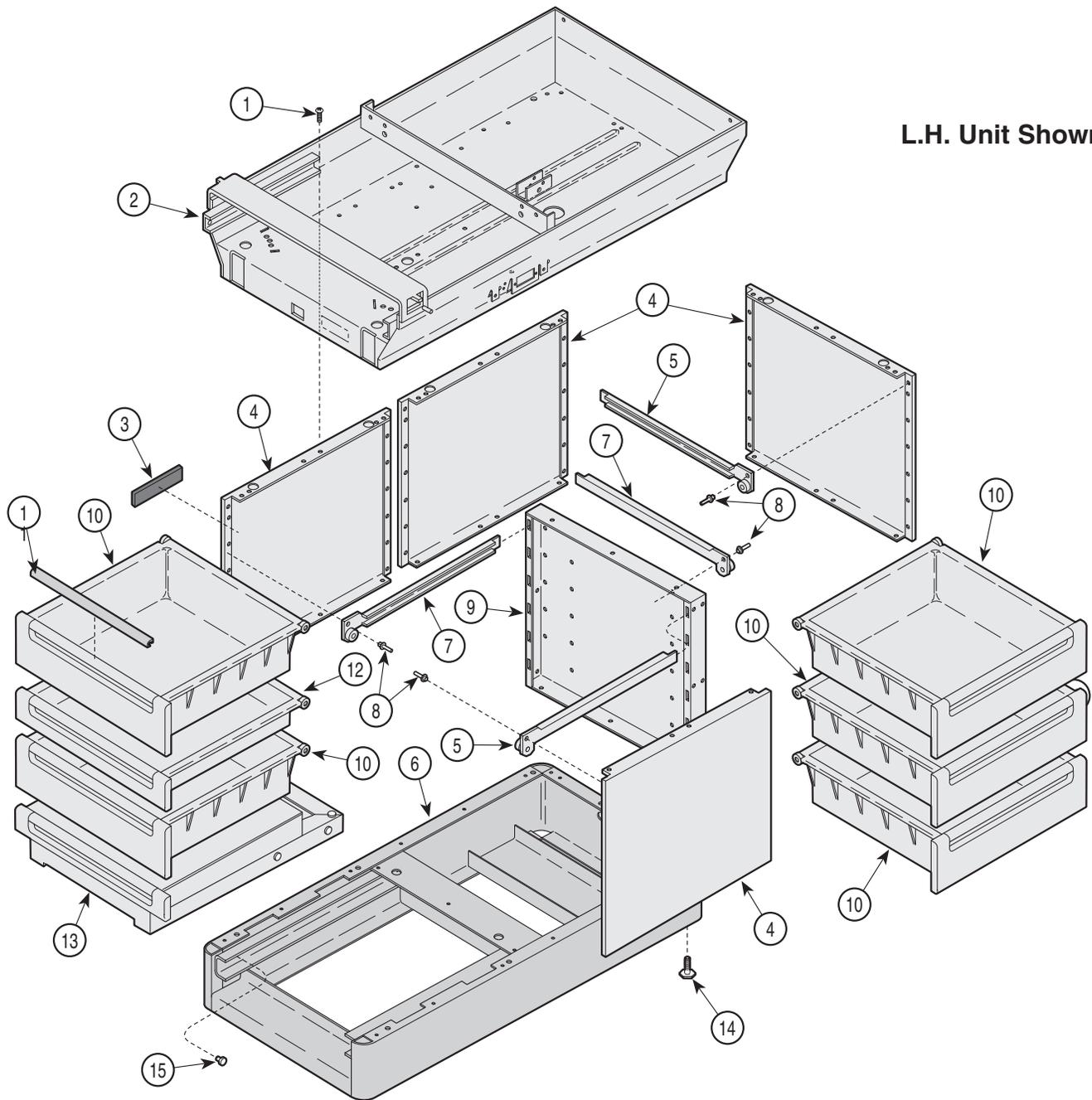
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	31	10		Large Drawer (Refer to "Drawer Components" Elsewhere)	Ref
2		Upper Wrap Weldment(Refer to "Upper Wrap Components" Elsewhere)	Ref	11		Drawer Pulls (Refer to "Upholstery Components" Elsewhere)	Ref
3	053-0297-04	404 Nameplate	1	12		Small Drawer (Refer to "Drawer Components" Elsewhere)	Ref
4	050-1240-00	Side Panel	4	13		Step Assembly (Refer to "Step Assembly" Elsewhere)	Ref
5	016-0283-01	R.H. Slide	6	14	016-0001-00	Leveling Screw	4
6	030-0406-00	Base Weldment	1	15	053-0001-00	Nylon Stem Bumper	2
7	016-0283-02	L.H. Slide	6				
8	042-0010-03	Pop Rivet	15				
9	050-1239-00	Center Support	1				

Always Specify Model & Serial Number

Cabinet Components

SECTION VI PARTS LIST

L.H. Unit Shown



MA321101

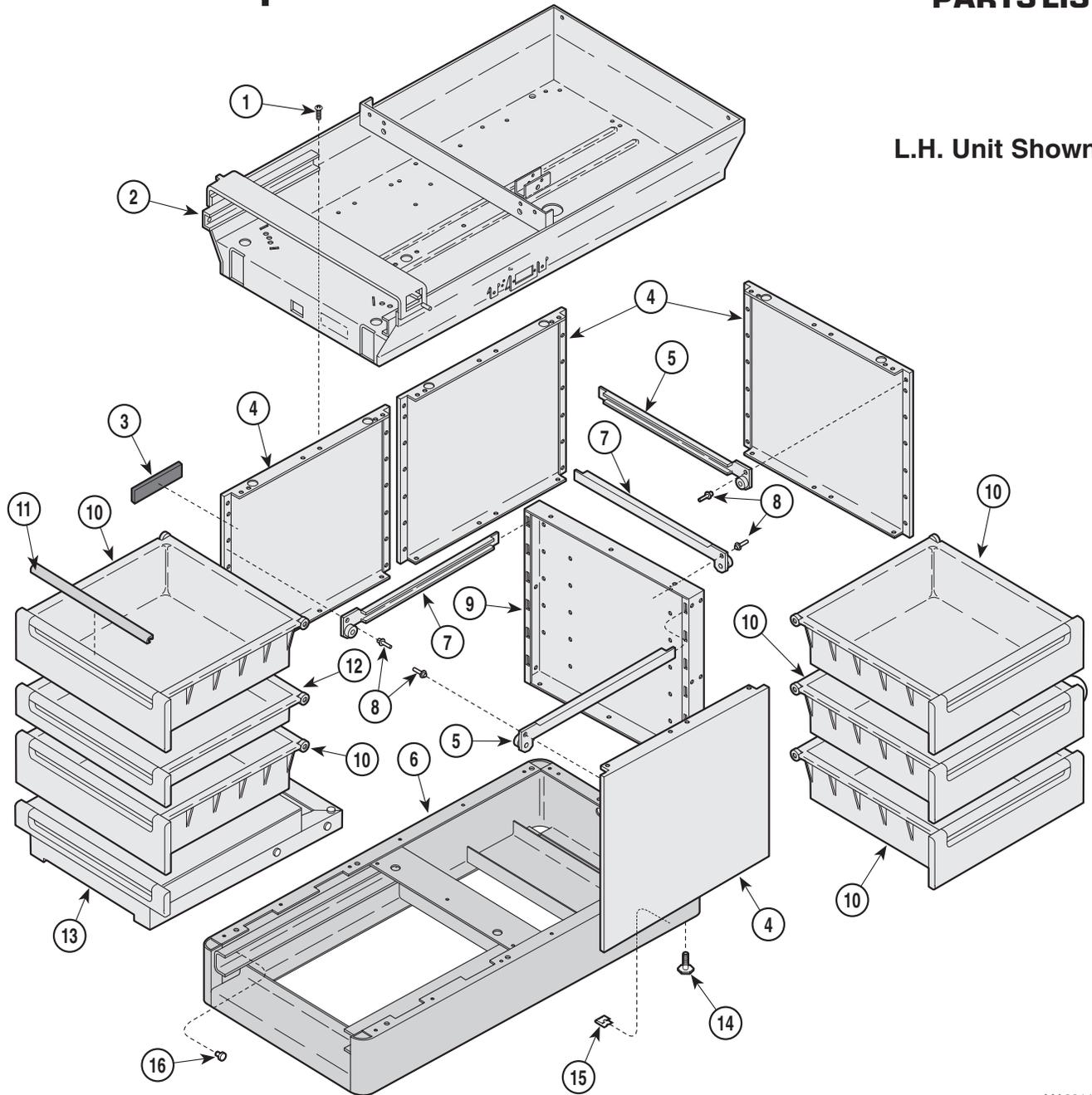
**Used On Units With Serial Number AX20380 thru AX24055
and BB4298 thru BB4880**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	31	10		Large Drawer (Refer to "Drawer Components" Elsewhere)	Ref
2		Upper Wrap Weldment (Refer to "Upper Wrap Components" Elsewhere)	Ref	11		Drawer Pulls (Refer to "Upholstery Components" Elsewhere)	Ref
3	053-0297-04	404 Nameplate	1	12		Small Drawer (Refer to "Drawer Components" Elsewhere)	Ref
4	050-1240-00	Side Panel	4	13		Step Assembly (Refer to "Step Assembly" Elsewhere)	Ref
5	029-1264-00	R.H. Slide	6	14	016-0001-00	Leveling Screw	4
6	030-0406-00	Base Weldment	1	15	053-0001-00	Nylon Stem Bumper	2
7	029-1264-01	L.H. Slide	6				
8	042-0010-03	Pop Rivet	15				
9	050-1239-00	Center Support	1				

Always Specify Model & Serial Number

Cabinet Components

SECTION VI PARTS LIST



L.H. Unit Shown

MA321100

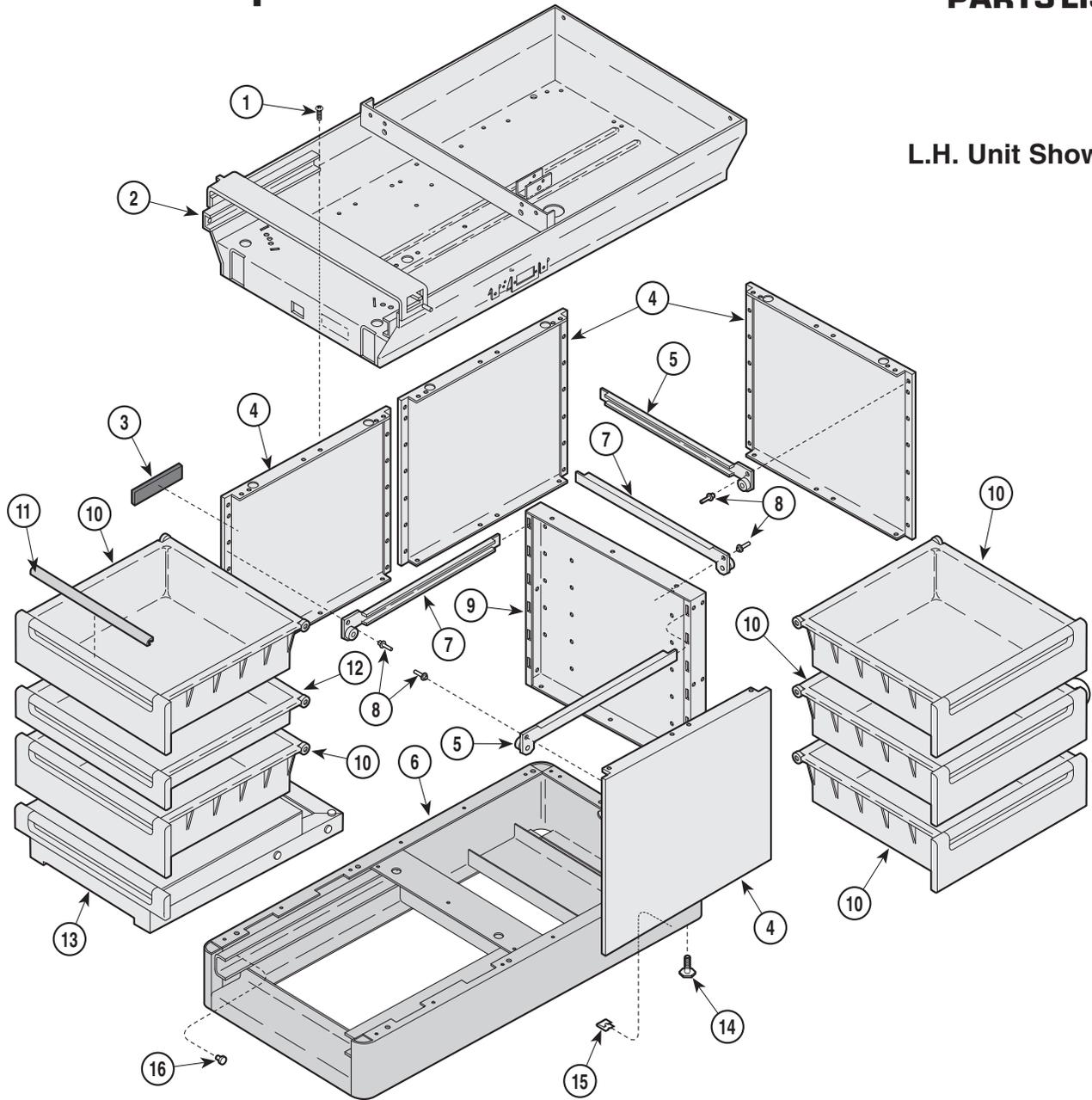
**Used On Units With Serial Number AX24056 thru AX37897,
BB4881 thru BB7256 and DD1000 thru DD1659**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	31	9	050-1239-00	Center Support	1
2		Upper Wrap Weldment(Refer to "Upper Wrap Components" Elsewhere)	Ref	10		Large Drawer (Refer to "Drawer Components" Elsewhere)	Ref
3	053-0297-04	404 Nameplate	1	11		Drawer Pulls (Refer to "Upholstery Components" Elsewhere)	Ref
4	050-1240-00	Side Panel	4	12		Small Drawer (Refer to "Drawer Components" Elsewhere)	Ref
5	029-1264-00	R.H. Slide	6	13		Step Assembly (Refer to "Step Assembly" Elsewhere)	Ref
6	030-0873-00	Base Weldment	1	14	016-0001-00	Leveling Screw	4
	016-0531-00	Counter Balance Block (Not Shown)	1	15	041-0030-00	Speed Nut	2
	050-2584-00	Block Cover (Not Shown)	1	16	053-0001-00	Nylon Stem Bumper	2
	S006-00809	Adhesive	AR				
7	029-1264-01	L.H. Slide	6				
8	042-0010-03	Pop Rivet	15				

Always Specify Model & Serial Number

Cabinet Components

SECTION VI PARTS LIST



L.H. Unit Shown

MA321100

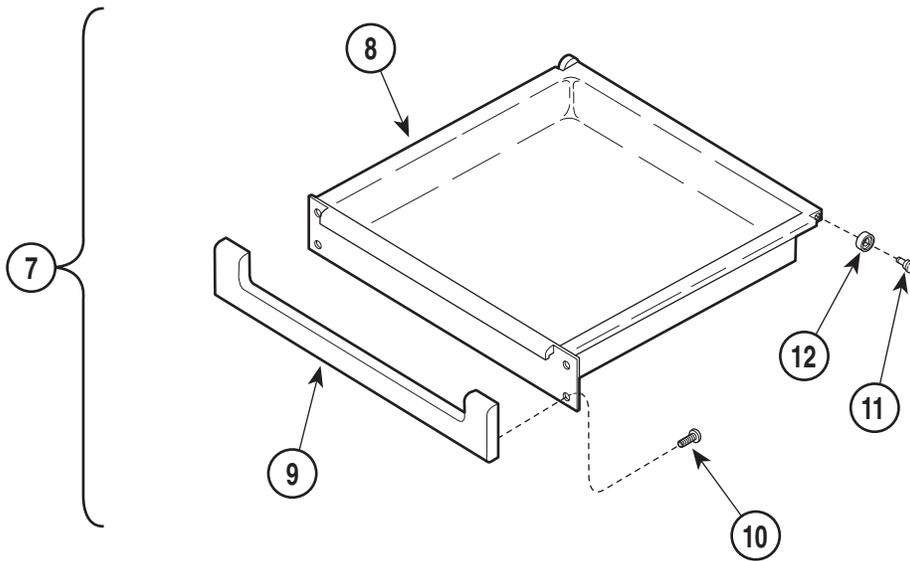
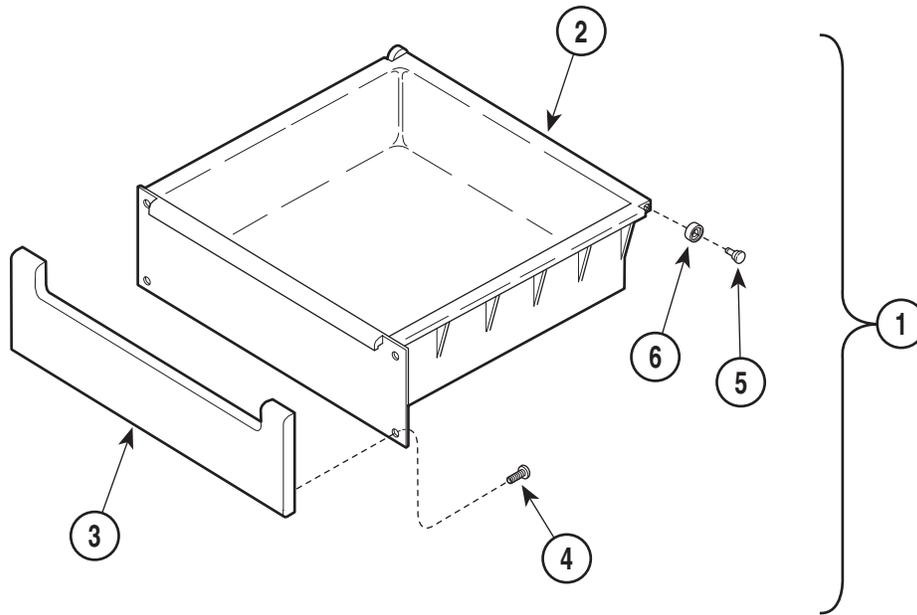
**Used On Units With Serial Number AX37898, BB7257, DD1660 and LB1000 thru Present
Used On Units With Serial Number V2200 thru Present**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	31	9	050-1239-00	Center Support	1
2		Upper Wrap Weldment (Refer to "Upper Wrap Components" Elsewhere)	Ref	10		Large Drawer (Refer to "Drawer Components" Elsewhere)	Ref
3	053-0297-04	404 Nameplate	1	11		Drawer Pulls (Refer to "Upholstery Components" Elsewhere)	Ref
4	050-2511-10	Side Panel	4	12		Small Drawer (Refer to "Drawer Components" Elsewhere)	Ref
5	029-1264-00	R.H. Slide	6	13		Step Assembly (Refer to "Step Assembly" Elsewhere)	Ref
6	030-0873-00	Base Weldment (Domestic and Export)	1	14	016-0001-00	Leveling Screw	4
	030-1156-00	Base Weldment (CE Export)	1	15	041-0030-00	Speed Nut	2
	016-0531-00	Counter Balance Block (Not Shown)	1	16	053-0001-00	Nylon Stem Bumper	2
	016-0531-00	Counter Balance Block (Not Shown)	1				
	S006-00809	Adhesive	AR				
7	029-1264-01	L.H. Slide	6				
8	042-0010-03	Pop Rivet	15				

Always Specify Model & Serial Number

Drawers

SECTION VI PARTS LIST



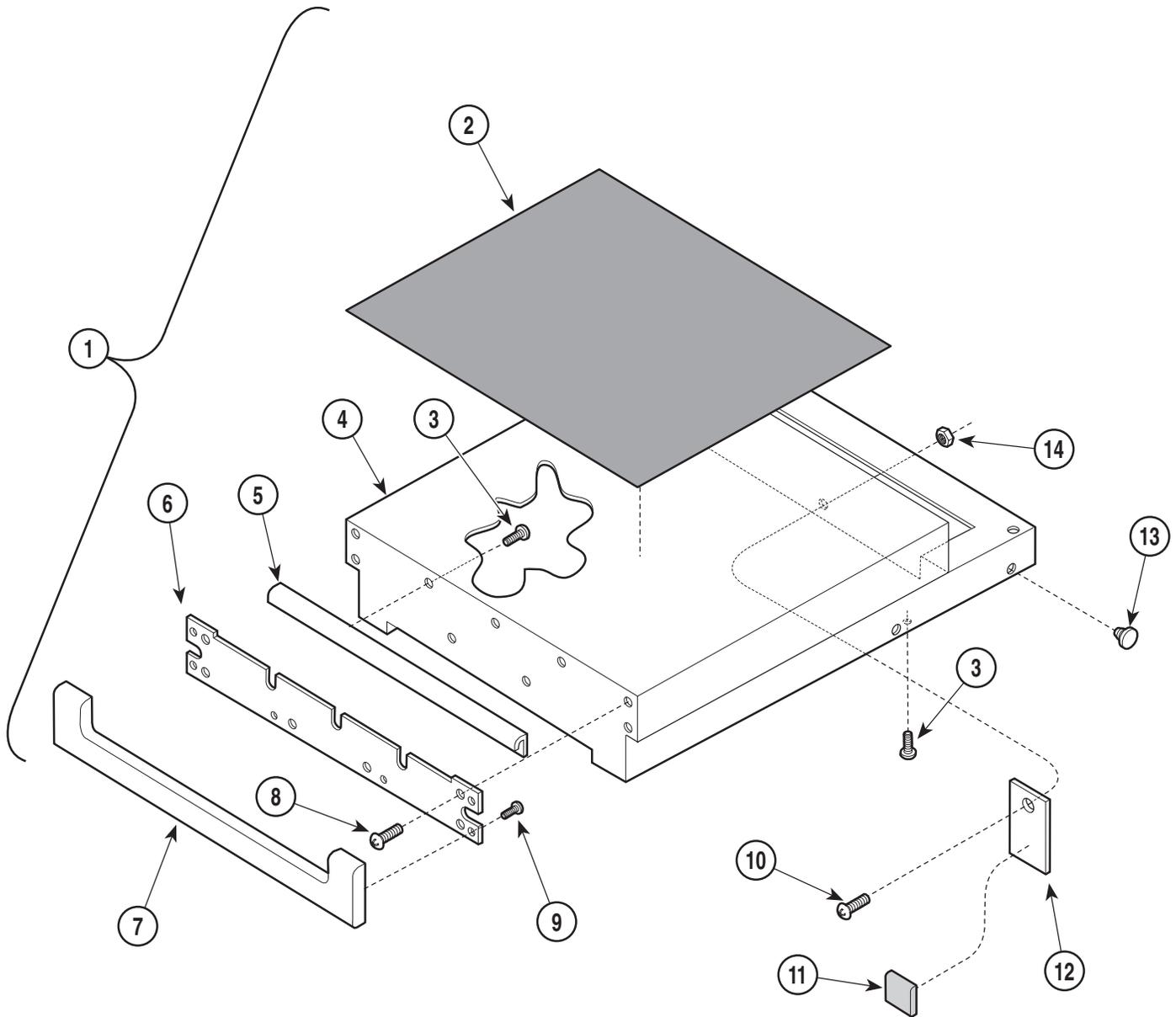
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	002-0301-00	Large Drawer Assembly (Includes Items 2 thru 6)	5	7	002-0302-00	Small Drawer Assembly (Includes Items 8 thru 12)	1
2	• 053-0202-00 • 060-0002-03	• Large Drawer	1	8	• 053-0201-00 • 060-0002-03	• Small Drawer	1
		Drawer Liner (Not Shown [Early Units Only])	AR			Drawer Liner (Not Shown [Early Units Only])	AR
3	• 053-0338-00	• Large Drawer Front	1	9	• 053-0337-00	• Small Drawer Front	1
4	• 040-0006-00	• Screw	4	10	• 040-0006-00	• Screw	4
5	• 016-0472-00	• Drawer Shaft	2	11	• 016-0472-00	• Drawer Shaft	2
6	• 053-0272-00	• Roller	2	12	• 053-0272-00	• Roller	2

Always Specify Model & Serial Number

MA268402

Step Assembly

SECTION VI PARTS LIST



The components in this assembly are no longer available. Please refer to latest design for interchangeable parts.

MA321305

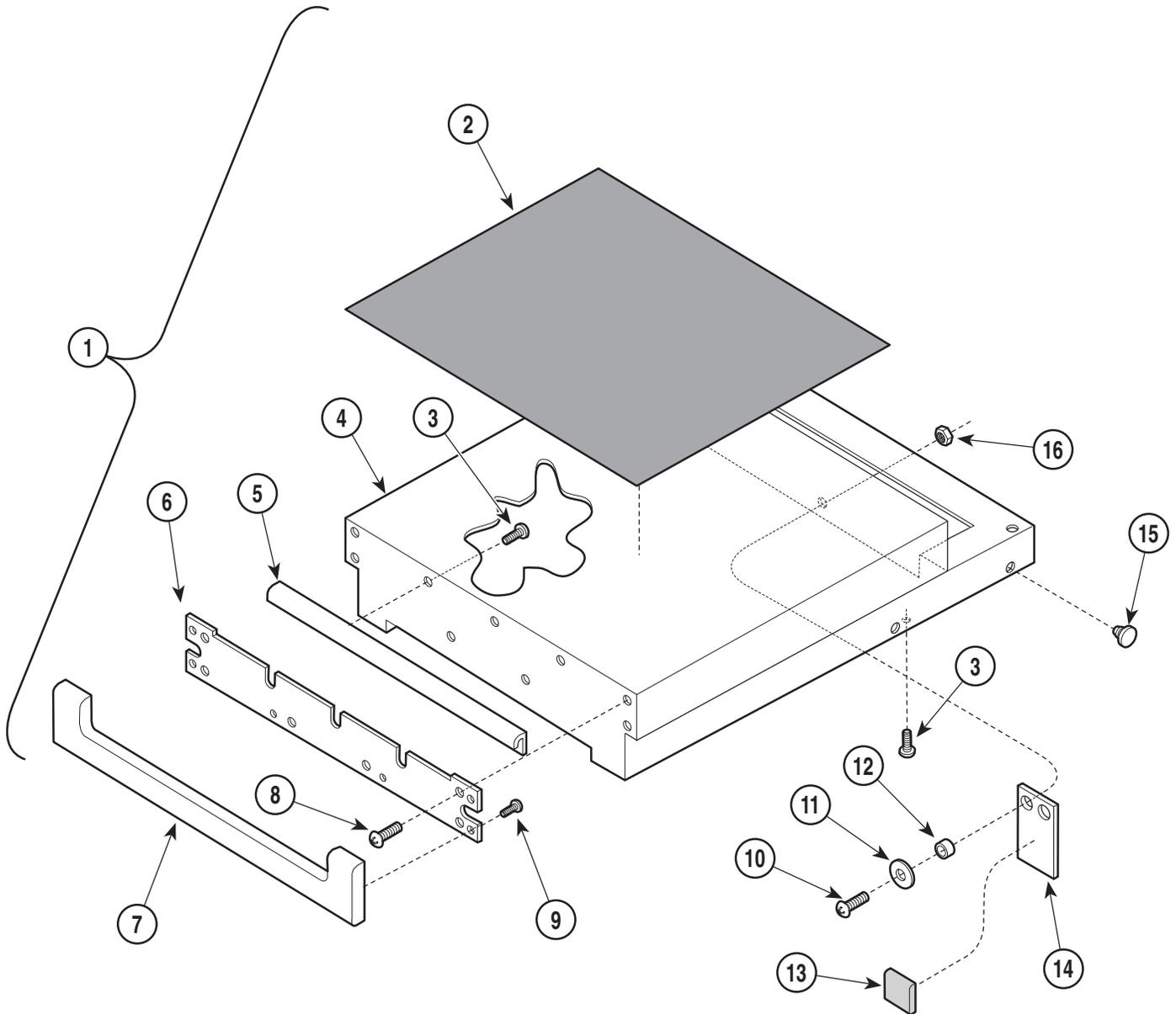
Used On Units With Serial Number AX1000 thru AX1792

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0566-00	Step Assembly (Includes Items 2 thru 16)	1	8	• 040-0008-04	• Screw	4
2	• 053-0048-00	• Step Tread Covering	1	9	• 040-0006-01	• Screw	4
3	• 040-0008-07	• Screw	5	10	• 040-0008-06	• Screw	2
4	• 030-0423-00	• Step - Toe Weldment	1	11	• 053-0014-00	• Self Stick Bumper	1
5	• 021-0011-00	• Step Extrusion	1	12	• 051-0151-00	• Step Stop	1
6	• 050-1268-00	• Spacer	1	13	• 053-0001-00	• Nylon Stem Bumper	12
7	• 053-0337-00	• Small Drawer Front	1	14	• 041-0008-02	• Nut	2

Always Specify Model & Serial Number

Step Assembly

SECTION VI PARTS LIST



The components in this assembly are no longer available. Please refer to latest design for interchangeable parts.

MA321304

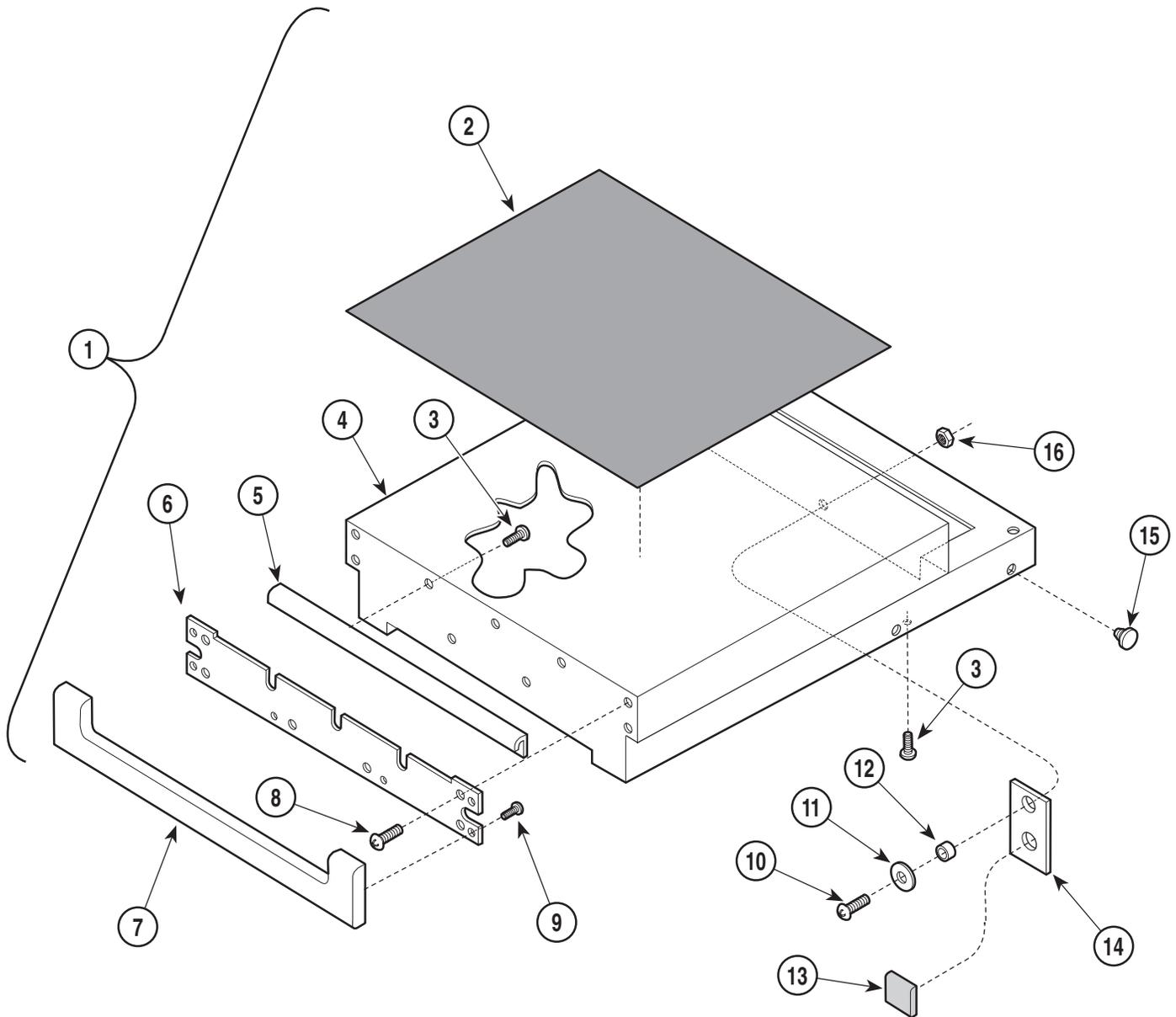
Used On Units With Serial Number AX1793 thru AX2227

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0566-00	Step Assembly (Includes Items 2 thru 16)	1	9	• 040-0006-01	• Screw	4
2	• 053-0048-00	• Step Tread Covering	1	10	• 040-0008-06	• Screw	2
3	• 040-0008-07	• Screw	5	11	• 045-0001-39	• Washer	2
4	• 030-0423-00	• Step - Toe Weldment	1	12	• 016-0138-09	• Spacer	2
5	• 021-0011-00	• Step Extrusion	1	13	• 053-0014-00	• Self Stick Bumper	1
6	• 050-1268-00	• Spacer	1	14	• 051-0467-00	• Step Stop Bar	1
7	• 053-0337-00	• Small Drawer Front	1	15	• 053-0001-00	• Nylon Stem Bumper	12
8	• 040-0008-04	• Screw	4	16	• 041-0008-02	• Nut	2

Always Specify Model & Serial Number

Step Assembly

SECTION VI PARTS LIST



The components in this assembly are no longer available. Please refer to latest design for interchangeable parts.

MA321300

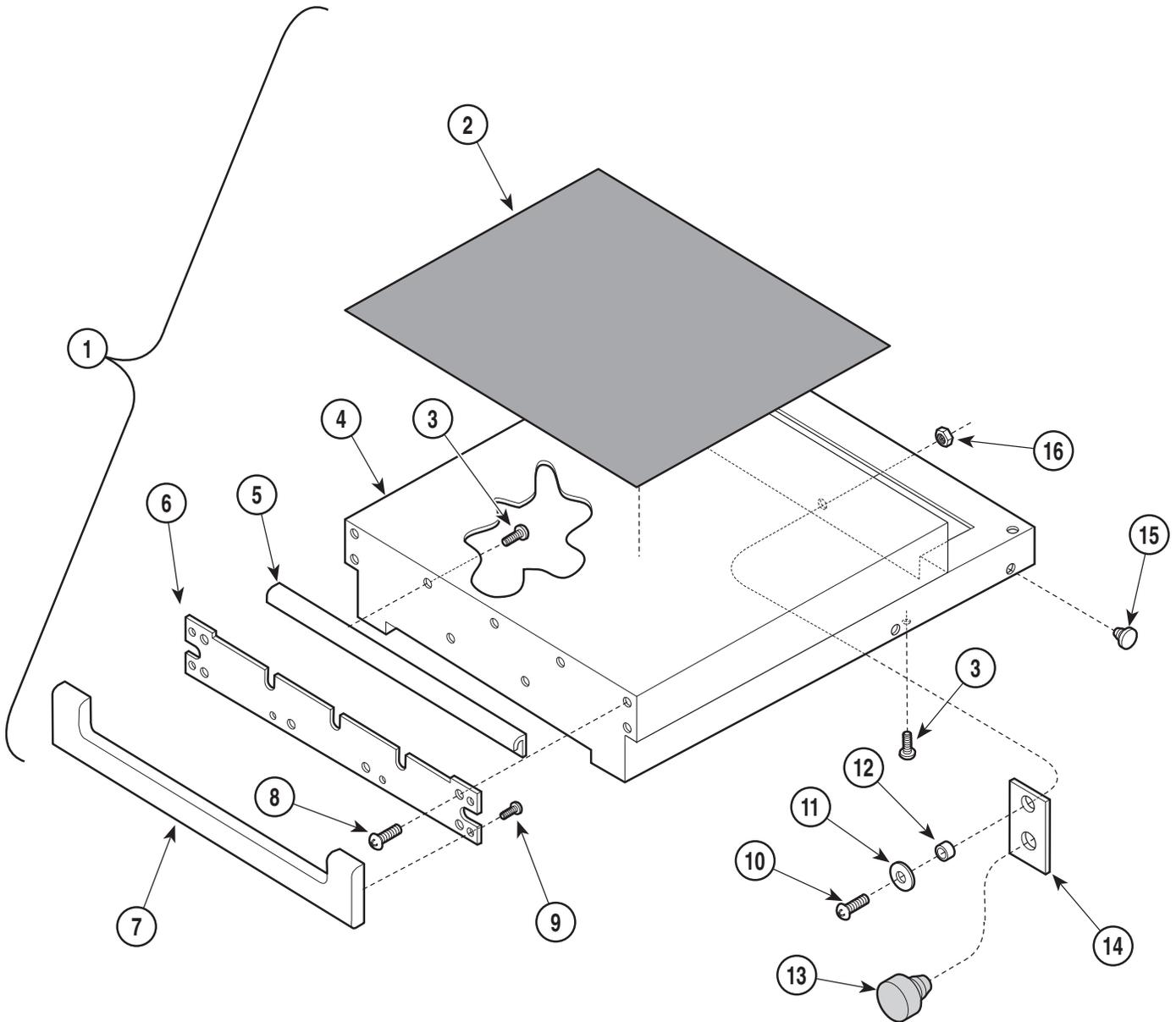
Used On Units With Serial Number AX2228 thru AX6751 and BB1000 thru BB1763

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0566-00	Step Assembly (Includes Items 2 thru 16)	1	9	•040-0006-01	• Screw	4
2	•053-0048-00	• Step Tread Covering	1	10	•040-0008-06	• Screw	1
3	•040-0008-07	• Screw	5	11	•045-0001-39	• Washer	1
4	•030-0423-00	• Step - Toe Weldment	1	12	•016-0138-09	• Spacer	1
5	•021-0011-00	• Step Extrusion	1	13	•053-0287-00	• Self Stick Bumper	1
6	•050-1268-00	• Spacer	1	14	•051-0474-00	• Step Stop Bar	1
7	•053-0337-00	• Small Drawer Front	1	15	•053-0001-00	• Nylon Stem Bumper	12
8	•040-0008-04	• Screw	4	16	•041-0008-02	• Nut	1

Always Specify Model & Serial Number

Step Assembly

SECTION VI PARTS LIST



The components in this assembly are no longer available. Please refer to latest design for interchangeable parts.

MA321302

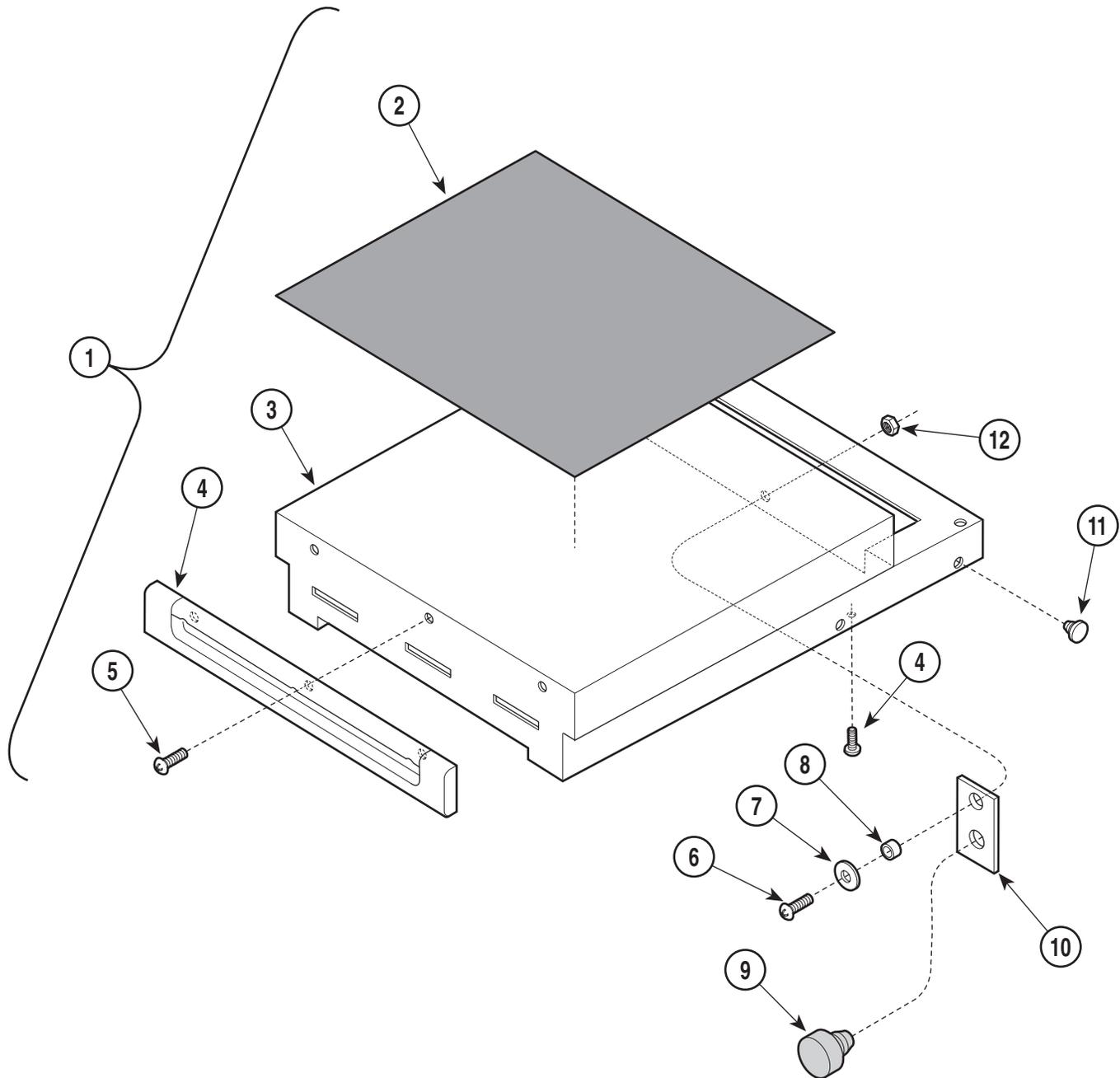
Used On Units With Serial Number AX6752 thru AX17635 and BB1764 thru BB3854

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0566-00	Step Assembly (Includes Items 2 thru 16)	1	9	• 040-0006-01	• Screw	4
2	• 053-0048-00	• Step Tread Covering	1	10	• 040-0008-06	• Screw	1
3	• 040-0008-07	• Screw	5	11	• 045-0001-39	• Washer	1
4	• 030-0588-00	• Step - Toe Weldment	1	12	• 016-0138-09	• Spacer	1
5	• 021-0011-00	• Step Extrusion	1	13	• 053-0323-00	• Button Bumper	1
6	• 050-1268-00	• Spacer	1	14	• 051-0529-00	• Step Stop Bar	1
7	• 053-0337-00	• Small Drawer Front	1	15	• 053-0001-00	• Nylon Stem Bumper	12
8	• 040-0008-04	• Screw	4	16	• 041-0008-02	• Nut	1

Always Specify Model & Serial Number

Step Assembly

SECTION VI PARTS LIST



MA321301

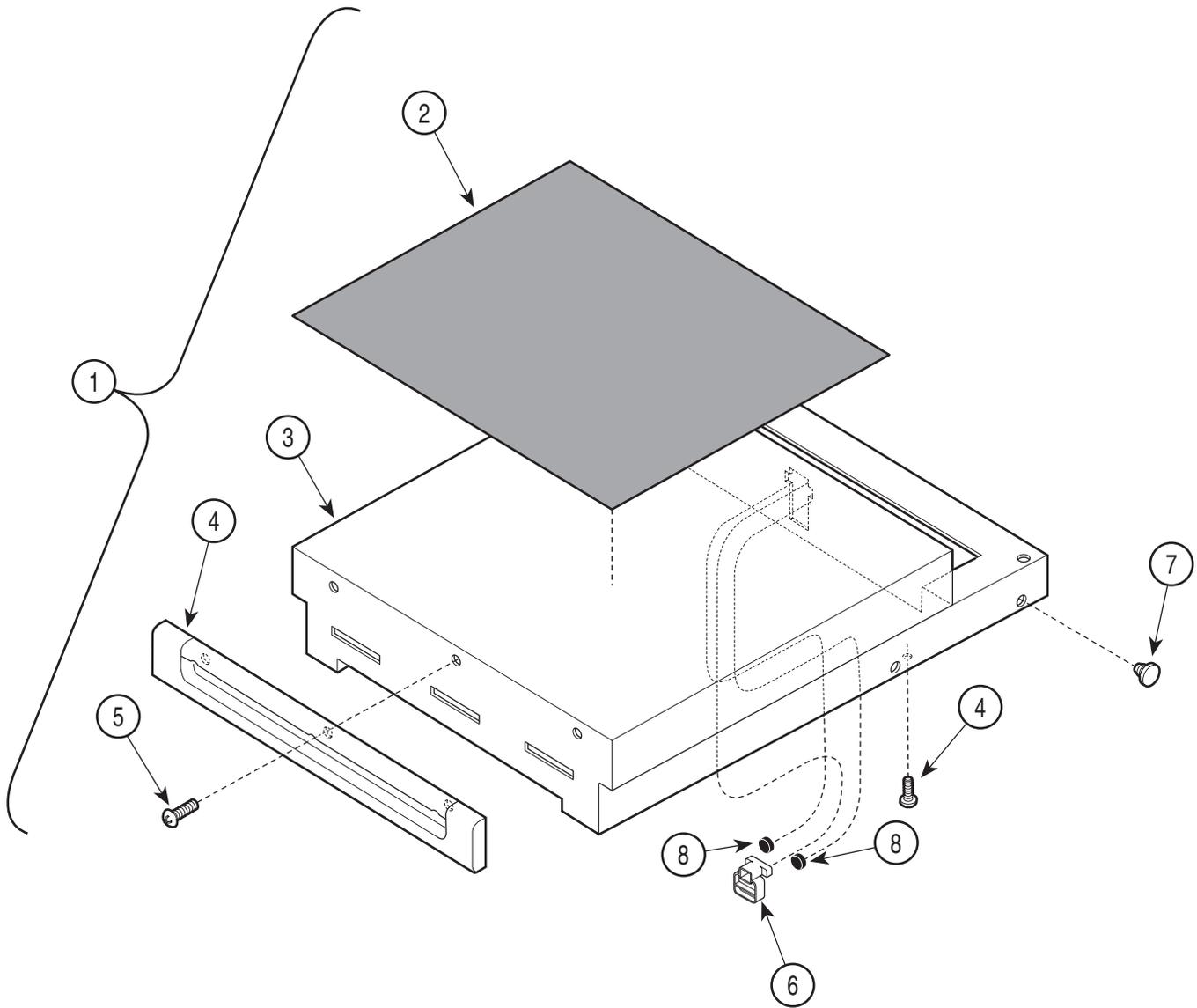
Used On Units With Serial Number AX17636 thru AX56879 and BB3855 thru BB11743

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0566-00	Step Assembly (Includes Items 2 thru 12)	1	7	• 045-0001-39	• Washer	1
2	• 053-0048-00	• Step Tread Covering	1	8	• 016-0138-09	• Spacer	1
3	• 030-0700-00	• Step Weldment	1	9	• 053-0323-00	• Button Bumper	1
4	• 053-0368-00	• Foot Step Front	1	10	• 051-0529-00	• Step Stop Bar	1
5	• 040-0008-48	• Screw	5	11	• 053-0001-00	• Nylon Stem Bumper	10
6	• 040-0008-06	• Screw	1	12	• 041-0008-02	• Nut	1

Always Specify Model & Serial Number

Step Assembly

SECTION VI PARTS LIST



MA347201

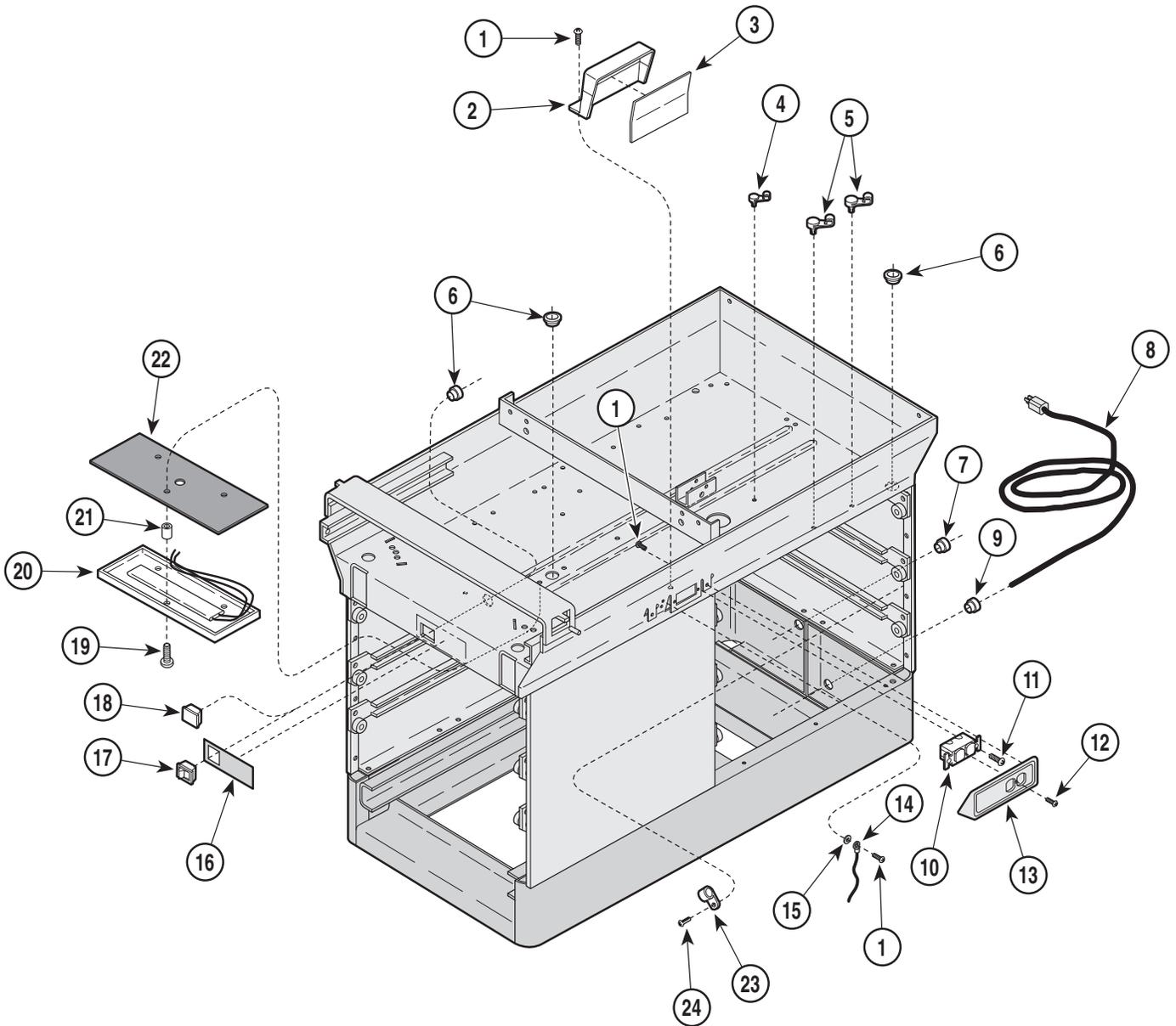
**Used On Units With Serial Number AX56880, BB11744, DD1000 and LB1000 thru Present
Used On Units With Serial Number V2200 thru Present**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0566-00	Step Assembly (Includes		5	•040-0008-48	• Screw	5
		Items 2 thru 8)	1	6	•053-0846-00	• Step Stop	1
2	•053-0048-00	• Step Tread Covering	1	7	•053-0001-00	• Nylon Stem Bumper	10
3	•030-1063-00	• Step Weldment	1	8	•053-0716-00	• Bumper	2
4	•053-0368-00	• Foot Step Front	1				

Always Specify Model & Serial Number

Electrical Components (120 VAC)

SECTION VI PARTS LIST



MA321200

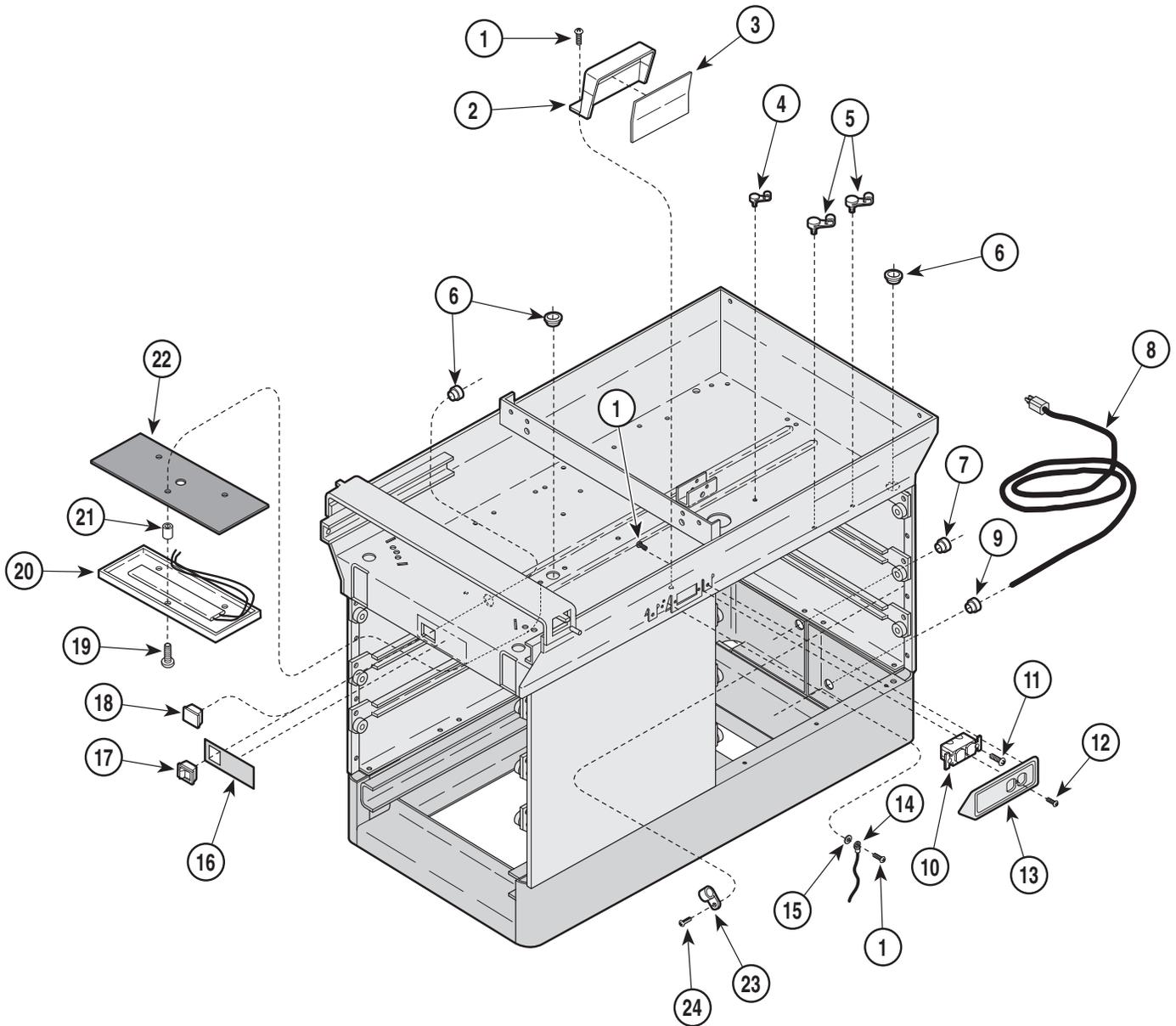
Used On Units With Serial Number AX1000 thru AX1086

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	6	14		Jumper Wire (Refer to "Wiring Diagram [Section 5])	1
2	050-1212-00	Receptacle Box	1	15	045-0001-31	Lockwasher	2
3	053-0092-00	Fishpaper Insulator	1	16	061-0219-00	Label (Units With Heater)	1
4	015-0007-00	Wrap-N-Tap Clamp	1	17	015-0650-00	Heater Switch (Units With Heater)	1
5	015-0007-04	Wrap-N-Tap Clamp	2	18	053-0350-00	Plug (Units Without Heater)	1
6	053-0068-00	Snap Bushing	3	19	040-0010-04	Screw (Units With Heater)	3
7	053-0050-08	Hole Plug	1	20	029-0056-02	Heater Plate Assy. (Units With Heater) ..	1
8	015-0066-03	Power Cord	1	21	053-0117-00	Rolled Spacer	3
9	015-0002-05	Strain Relief Bushing	1	22	053-0137-01	Insulation	1
10	015-0083-01	Duplex Receptacle	1	23	015-0001-01	Wire Clip	1
11	040-0006-13	Screw	2	24	040-0010-00	Screw	1
12	040-0006-23	Screw	1				
13	053-0234-00	Receptacle Cover	1				

Always Specify Model & Serial Number

Electrical Components (120 VAC)

SECTION VI PARTS LIST



MA321200

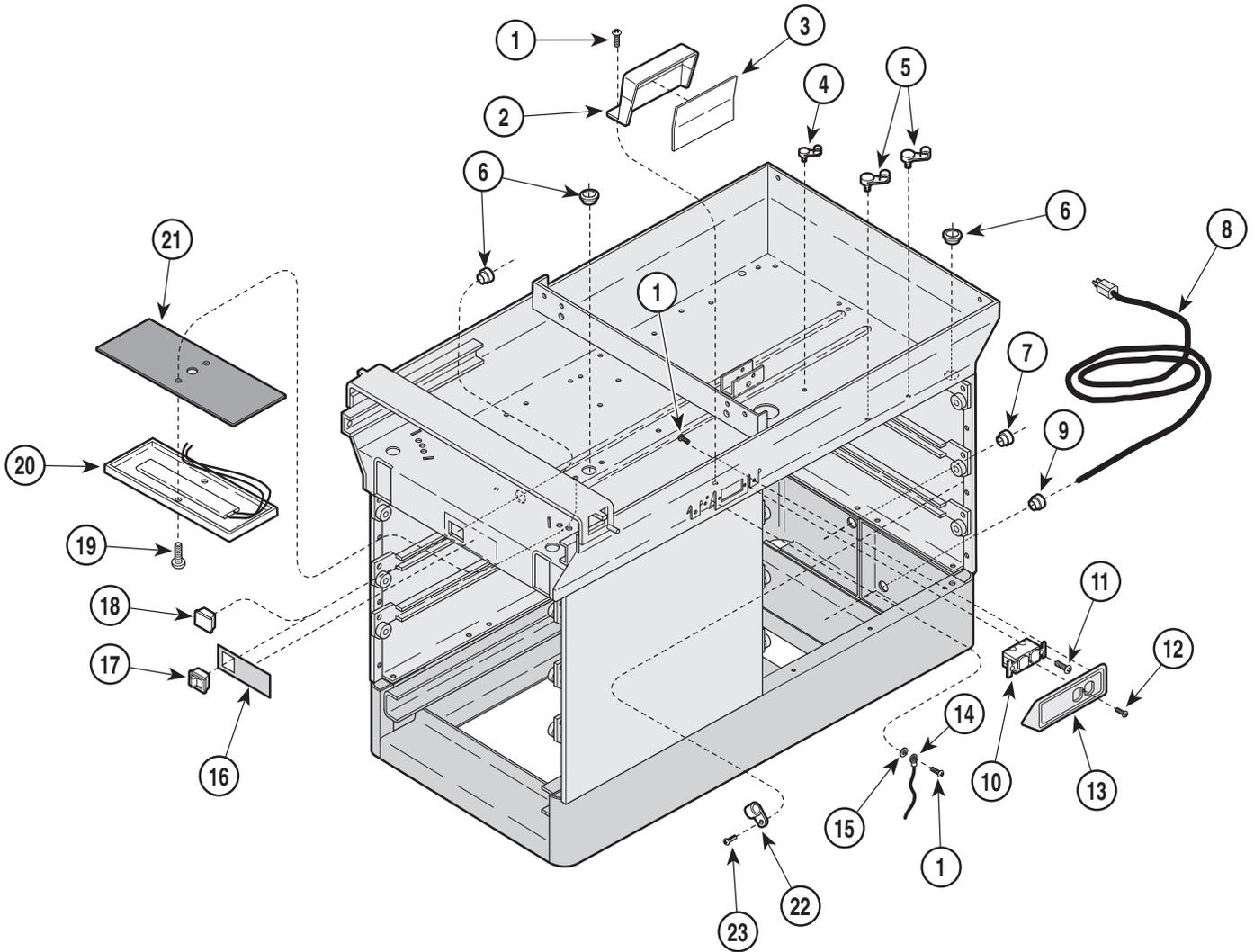
Used On Units With Serial Number AX11087 thru AX15439 and BB1000 thru BB3399

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	6	14		Jumper Wire (Refer to "Wiring Diagram [Section 5])	1
2	050-1212-00	Receptacle Box	1	15	045-0001-31	Lockwasher	2
3	053-0092-00	Fishpaper Insulator	1	16	061-0219-00	Label (Units With Heater)	1
4	015-0007-00	Wrap-N-Tap Clamp	1	17	015-0650-00	Heater Switch (Units With Heater)	1
5	015-0007-04	Wrap-N-Tap Clamp	2	18	053-0350-00	Plug (Units Without Heater)	1
6	053-0068-00	Snap Bushing	3	19	040-0010-35	Screw (Units With Heater)	3
7	053-0050-08	Hole Plug	1	20	029-0056-02	Heater Plate Assy. (Units With Heater) ..	1
8	015-0066-03	Power Cord	1	21	053-0138-06	Rolled Spacer	3
9	015-0002-05	Strain Relief Bushing	1	22	053-0137-01	Insulation	1
10	015-0083-01	Duplex Receptacle	1	23	015-0001-01	Wire Clip	1
11	040-0006-13	Screw	2	24	040-0010-00	Screw	1
12	040-0006-23	Screw	1				
13	053-0234-00	Receptacle Cover	1				

Always Specify Model & Serial Number

Electrical Components (120 VAC)

SECTION VI PARTS LIST



MA321201

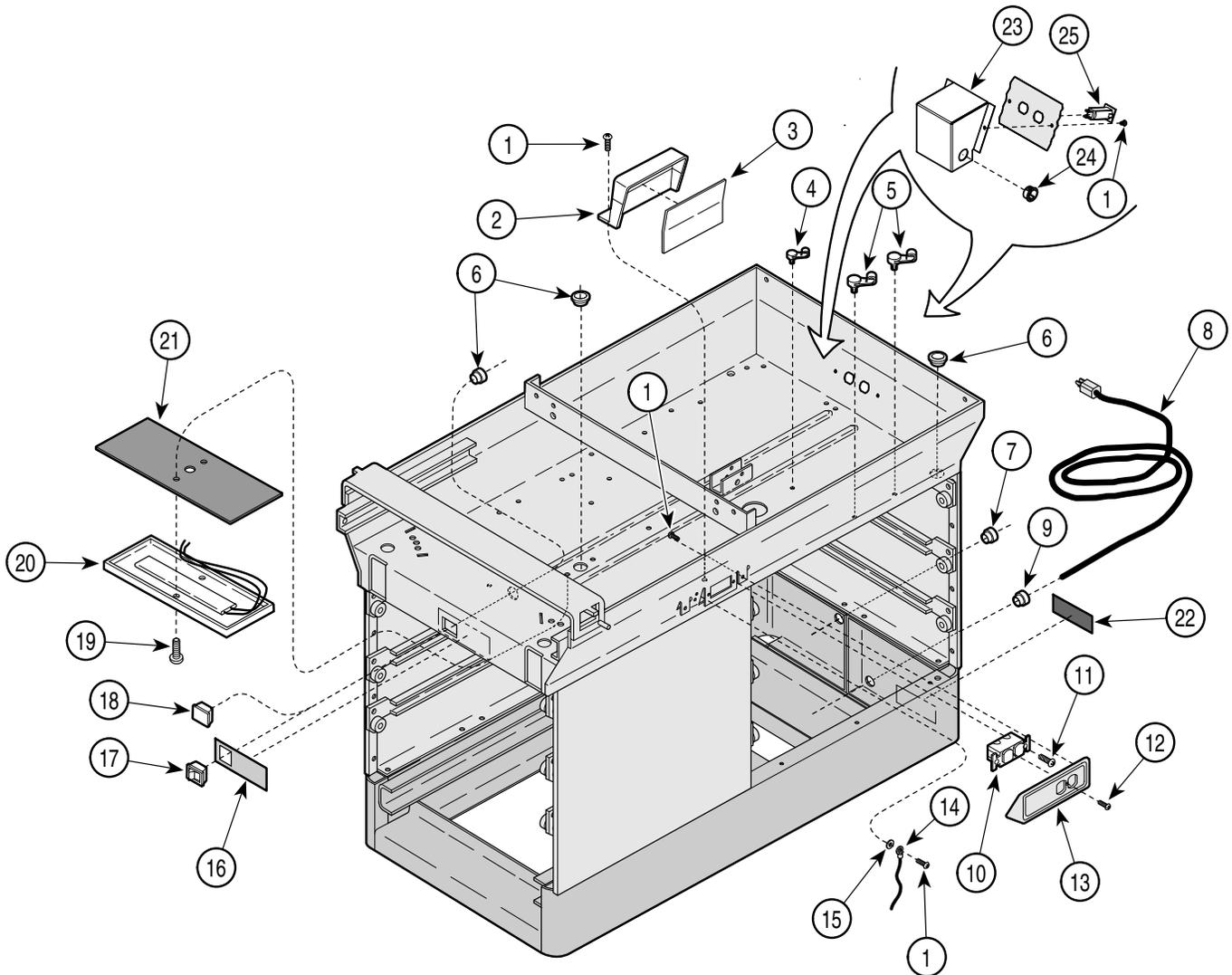
**Used On Units With Serial Number AX15440 thru AX37897,
BB3400 thru BB7256 and DD1000 thru DD1659**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	6	14		Jumper Wire (Refer to "Wiring Diagram [Section 5])	1
2	050-1212-00	Receptacle Box	1	15	045-0001-31	Lockwasher	2
3	053-0092-00	Fishpaper Insulator	1	16	061-0219-00	Label (Units With Heater)	1
4	015-0007-00	Wrap-N-Tap Clamp	1	17	015-0650-00	Heater Switch (Units With Heater)	1
5	015-0007-04	Wrap-N-Tap Clamp	3	18	053-0350-00	Plug (Units Without Heater)	1
6	053-0068-00	Snap Bushing	3	19	040-0010-35	Screw (Units With Heater)	3
7	053-0050-08	Hole Plug	1	20	029-1223-00	Heater Plate Assy. (Units With Heater) ..	1
8	015-0066-03	Power Cord	1	21	053-0362-00	Heat Shield	1
9	015-0002-05	Strain Relief Bushing	1	22	015-0001-01	Wire Clip	1
10	015-0083-01	Duplex Receptacle	1	23	040-0010-00	Screw	1
11	040-0006-13	Screw	2				
12	040-0006-23	Screw	1				
13	053-0234-00	Receptacle Cover	1				

Always Specify Model & Serial Number

Electrical Components (120 VAC)

SECTION VI PARTS LIST



MA321203

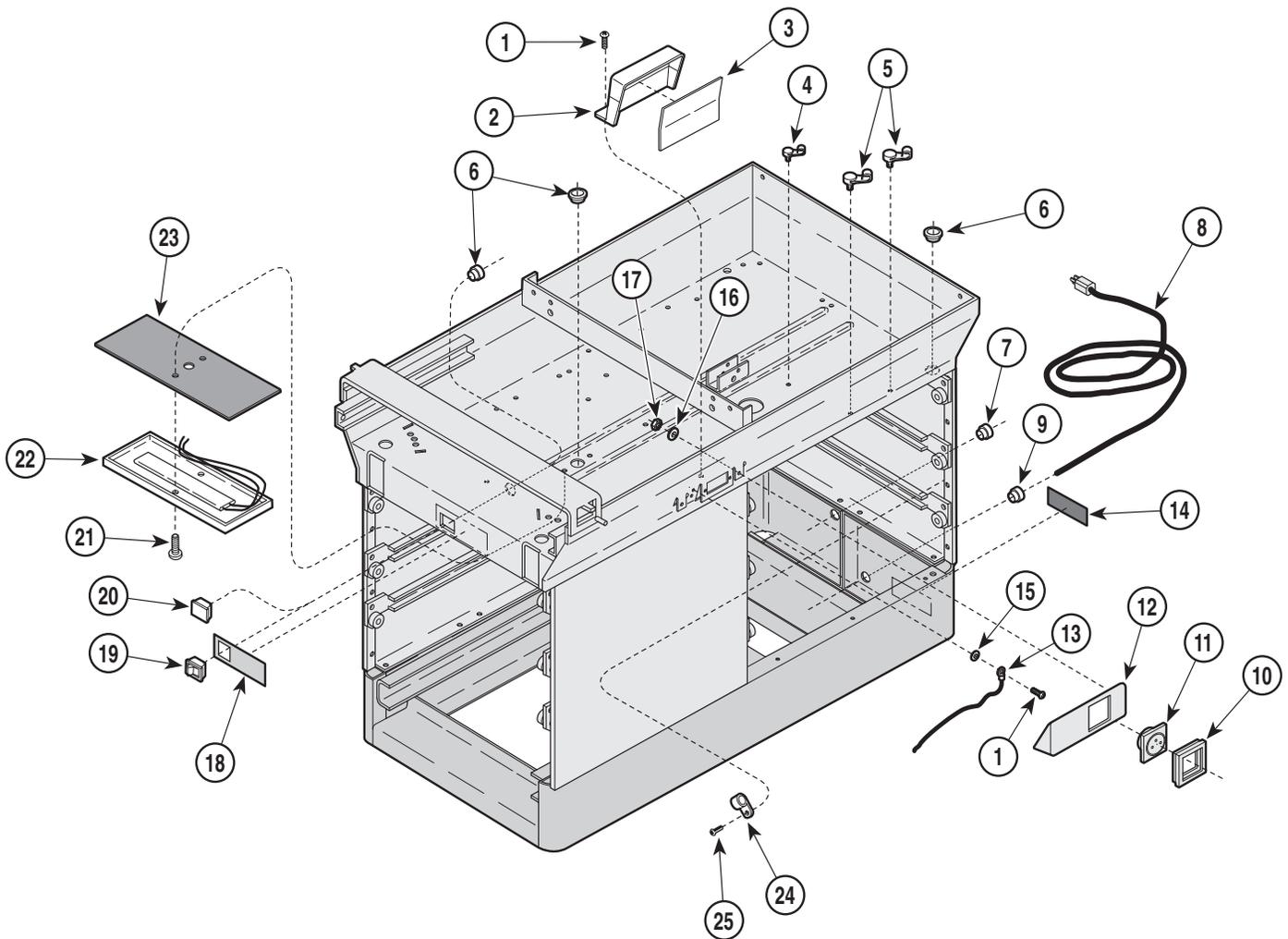
**Used On Units With Serial Number AX37898 and BB7257 thru Present
Used On Units With Serial Number V2200 thru Present**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	7	14		Jumper Wire (Refer to "Wiring Diagram [Section 5])	1
2	050-1212-00	Receptacle Box	1	15	045-0001-31	Lockwasher	2
3	053-0092-00	Fishpaper Insulator	1	16	061-0219-00	Label (Units With Heater)	1
4	015-0007-00	Wrap-N-Tap Clamp	1	17	015-0650-00	Heater Switch (Units With Heater)	1
5	015-0007-04	Wrap-N-Tap Clamp	3	18	053-0350-00	Plug (Units Without Heater)	1
6	053-0068-00	Snap Bushing	3	19	040-0010-35	Screw (Units With Heater)	3
7	053-0050-08	Hole Plug	1	20	002-0554-00	Heater Plate Assy. (Units With Heater [Includes Items 19 and 21])	1
8	015-0066-03	Power Cord (Used on all units except 404-013/-014)	1	21	053-0362-00	Heat Shield	1
	015-0066-14	Power Cord (Used only on 404-013/-014 units)	1	22	061-0295-00	Cord Tag	1
9	015-0002-05	Strain Relief Bushing	1	23	050-6198-10	Circuit Breaker Cover (Used only on Canadian Units [404-013/-014])	1
10	015-0083-01	Duplex Receptacle	2	24	053-0068-10	Snap Bushing (Used only on Canadian Units [-013/-014])	1
11	040-0006-13	Screw	2	25	015-1596-00	Circuit Breaker - 5 A (Used only on Canadian Units [404-013/-014])	1
12	040-0006-23	Screw	1				
13	053-0234-00	Receptacle Cover	1				

Always Specify Model & Serial Number

Electrical Components (220 VAC)

SECTION VI PARTS LIST



MA322001

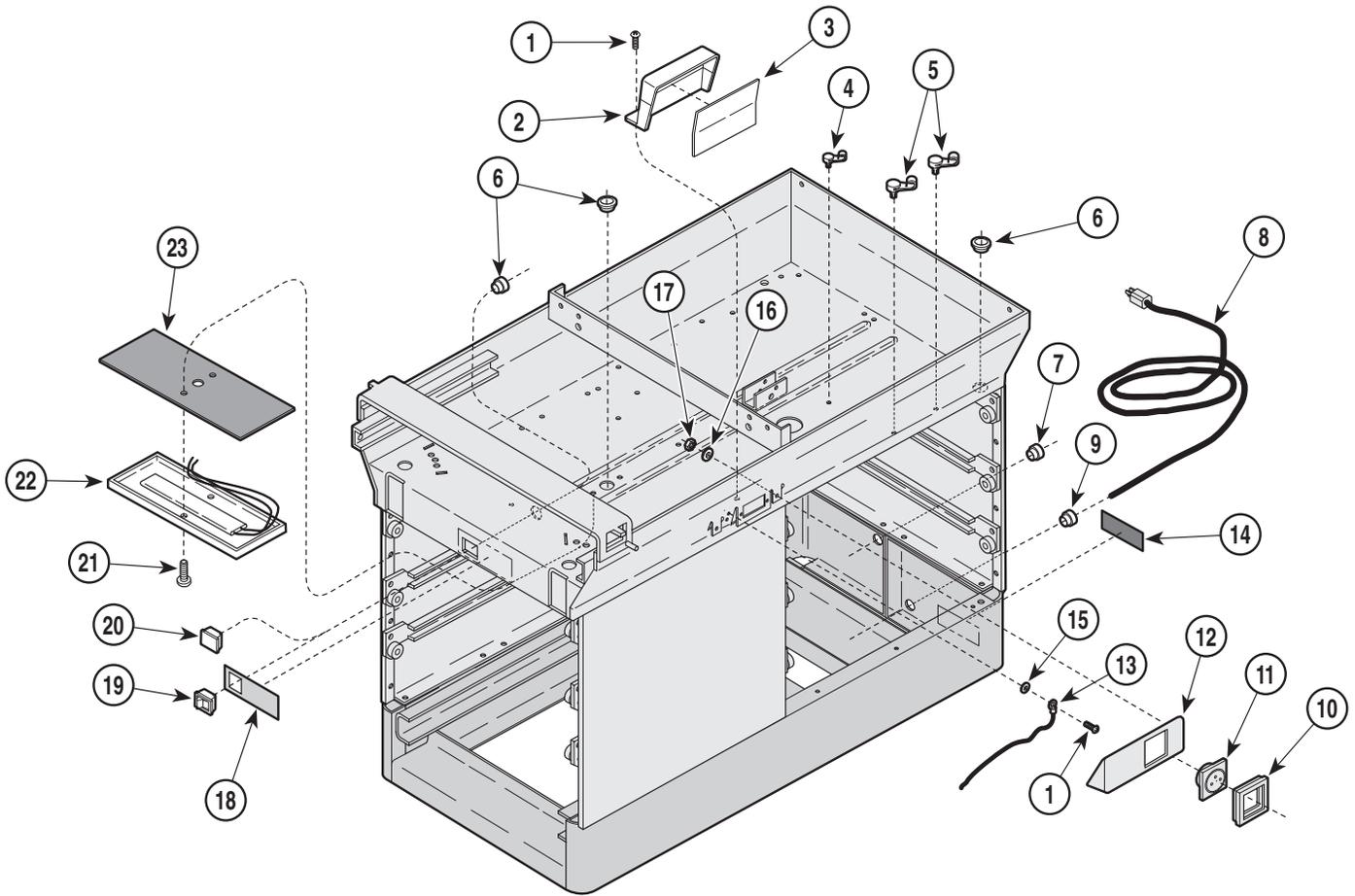
Used On Units With Serial Number DD1000 thru DD1659

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	3	015-1294-02	United Kingdom Receptacle	1	
2	050-1212-00	Receptacle Box	1	015-1294-03	Italian Receptacle	2	
3	053-0092-00	Fishpaper Insulator	1	015-0703-04	Swiss Receptacle	2	
4	015-0007-00	Wrap-N-Tap Clamp	1	015-1294-05	Australian Receptacle	1	
5	015-0007-04	Wrap-N-Tap Clamp	3	12	030-0758-10	Receptacle Cover Weldment	1
6	053-0068-00	Snap Bushing	3	13	Jumper Wire (Refer to "Wiring Diagram [Section 5])	1	
7	053-0050-08	Hole Plug	1	14	061-0295-00	Cord Tag	1
8	015-0688-00	Power Cord (Continental Europe)	1	15	045-0001-31	Lockwasher	2
	015-0688-01	Power Cord (Italian)	1	16	045-0001-18	Lockwasher	2
	015-0688-02	Power Cord (Swiss)	1	17	041-0010-01	Nut	2
	015-0688-03	Power Cord (United Kingdom)	1	18	061-0219-00	Label (Units With Heater)	1
	015-0688-05	Power Cord (Australian)	1	19	015-0650-00	Heater Switch (Units With Heater)	1
9	015-0002-05	Strain Relief Bushing	1	20	053-0350-00	Plug (Units Without Heater)	1
10	015-0704-00	Receptacle Bezel (Used on Belgium, Europe, United Kingdom and Australian Models Only)	1	21	040-0010-35	Screw (Units With Heater)	3
	015-0704-01	Receptacle Bezel (Used on Italian and Swiss Models Only)	2	22	029-1223-00	Heater Plate Assy. (Units With Heater)	1
11	015-1294-00	Europe Receptacle	1	23	053-0362-00	Heat Shield	1
	015-1294-01	French/Belgium Receptacle (Shown)	1	24	015-0001-01	Wire Clip	1
				25	040-0010-00	Screw	1

Always Specify Model & Serial Number

Electrical Components (220 VAC)

SECTION VI PARTS LIST



MA322000

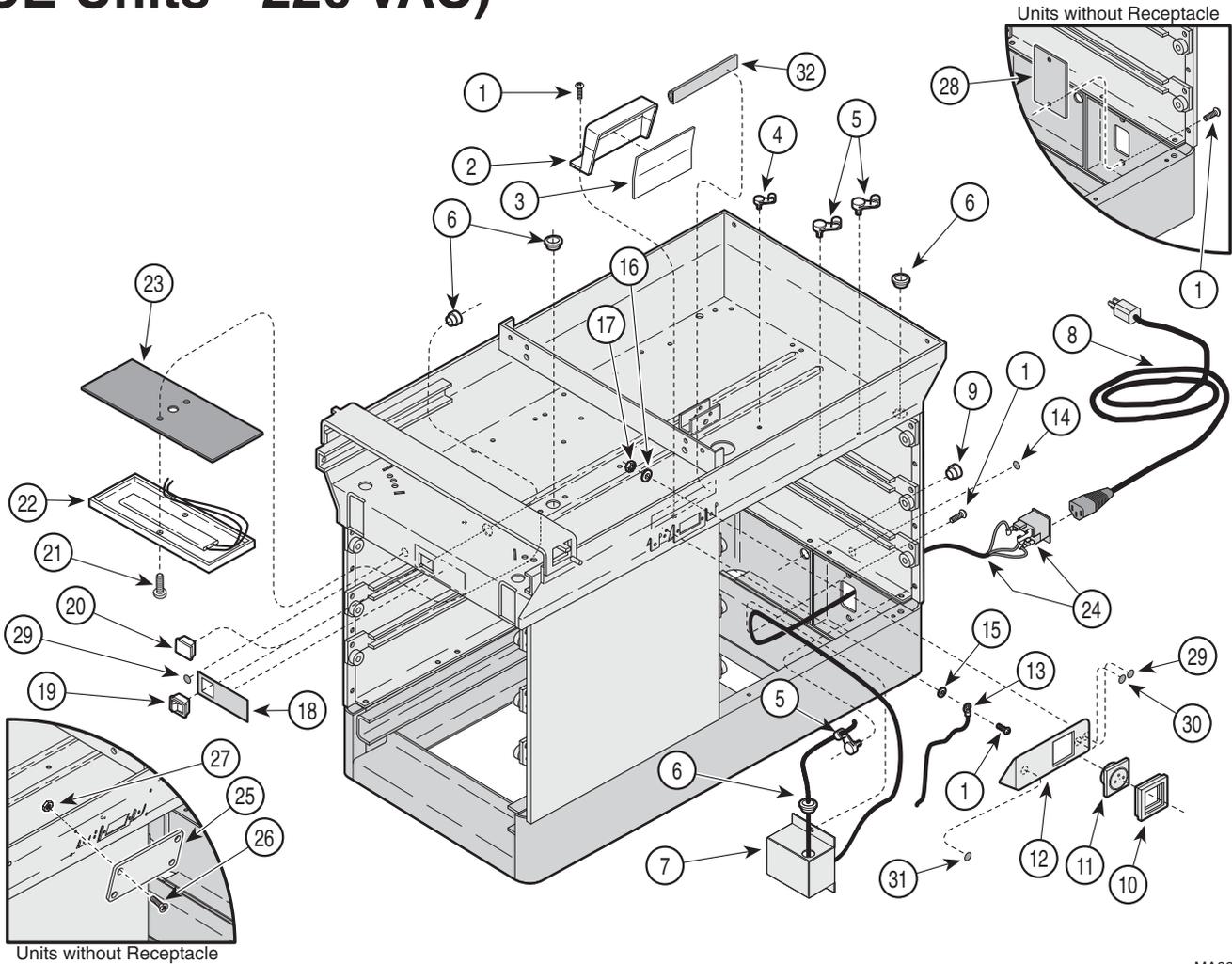
Used On Units With Serial Number DD1660 thru Present
Used On Units With Serial Number V2200 thru Present

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	
1	040-0010-47	Screw	3	11	015-1294-00	Europe Receptacle	1	
2	050-1212-00	Receptacle Box	1		015-1294-01	French/Belgium Receptacle (Shown)	1	
3	053-0092-00	Fishpaper Insulator	1		015-1294-02	United Kingdom Receptacle	1	
4	015-0007-00	Wrap-N-Tap Clamp	1		015-1294-03	Italian Receptacle	2	
5	015-0007-04	Wrap-N-Tap Clamp	3		015-0703-04	Swiss Receptacle	2	
6	053-0068-00	Snap Bushing	3		015-1294-05	Australian Receptacle	1	
7	053-0050-08	Hole Plug	1	12	030-0758-10	Receptacle Cover Weldment	1	
8	015-0688-00	Power Cord (Continental Europe)	1	13		Jumper Wire (Refer to "Wiring Diagram [Section 5])	1	
	015-0688-01	Power Cord (Italian)	1		14	061-0295-00	Cord Tag	1
	015-0688-02	Power Cord (Swiss)	1		15	045-0001-31	Lockwasher	2
	015-0688-03	Power Cord (United Kingdom)	1		16	045-0001-18	Lockwasher	2
	015-0688-05	Power Cord (Australian)	1		17	041-0010-01	Nut	2
9	015-0002-05	Strain Relief Bushing	1		18	061-0219-00	Label (Units With Heater)	1
10	015-0704-00	Receptacle Bezel (Used on Belgium, Europe, United Kingdom and Australian Models Only)	1		19	015-0650-00	Heater Switch (Units With Heater)	1
	015-0704-01	Receptacle Bezel (Used on Italian and Swiss Models Only)	2		20	053-0350-00	Plug (Units Without Heater)	1
					21	040-0010-35	Screw (Units With Heater)	3
					22	029-1223-00	Heater Plate Assy. (Units With Heater)	1
					23	053-0362-00	Heat Shield	1

Always Specify Model & Serial Number

Electrical Components (CE Units - 220 VAC)

SECTION VI PARTS LIST



MA322002

**Used On Units With Serial Number LB1000 thru Present
Used On Units With Serial Number V2200 thru Present**

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	040-0010-47	Screw	5	16	045-0001-18	Lockwasher	2
2	050-1212-00	Receptacle Box	1	17	041-0010-01	Nut	2
3	053-0092-02	Fishpaper Insulator	1	18	061-0676-00	Heater Switch Label (Unit With Heater)	1
4	015-0007-00	Wrap-N-Tap Clamp	1	19	015-0650-00	Heater Switch (Units With Heater)	1
5	015-0007-04	Wrap-N-Tap Clamp	4	20	053-0350-00	Plug (Units Without Heater)	1
6	053-0068-00	Snap Bushing	5	21	040-0010-35	Screw (Units With Heater)	3
7	050-4153-00	Appliance Inlet Enclosure	1	22	029-1223-00	Heater Plate Assy. (Units With Heater)	1
8		Cord Set (Refer to "Receptacle Assembly" elsewhere)	1	23	053-0362-00	Heat Shield	1
9	053-0050-08	Hole Plug	1	24		Wiring Harness (Refer to "Wiring Diagram [Section 5])	1
10	015-0704-00	Receptacle Bezel	1	25	050-1681-00	Receptacle Cover (Units without Receptacle)	1
11	015-1294-00	Europe Receptacle	1	26	040-0008-43	Screw (Units without Receptacle)	4
	015-1294-01	French/Belgium Receptacle (Shown)	1	27	041-0008-01	Nut (Units without Receptacle)	4
	015-1294-02	United Kingdom Receptacle	1	28	050-4152-00	Appliance Inlet Cover (Units without Receptacle)	1
	015-1294-03	Italian Receptacle	2	29	061-0654-00	Caution Label	2
	015-1294-05	Australian Receptacle	1	30	061-0650-00	Dangerous Voltage Label	1
12	030-0758-10	Receptacle Cover Weldment	1	31	061-0653-00	Earth (Ground) Label	1
13		Jumper Wire (Refer to "Wiring Diagram [Section 5])	1	32	053-0717-00	Outer Shroud Seal	1
14	061-0662-00	Fuse Placement Label	1				
15	045-0001-31	Lockwasher	2				

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