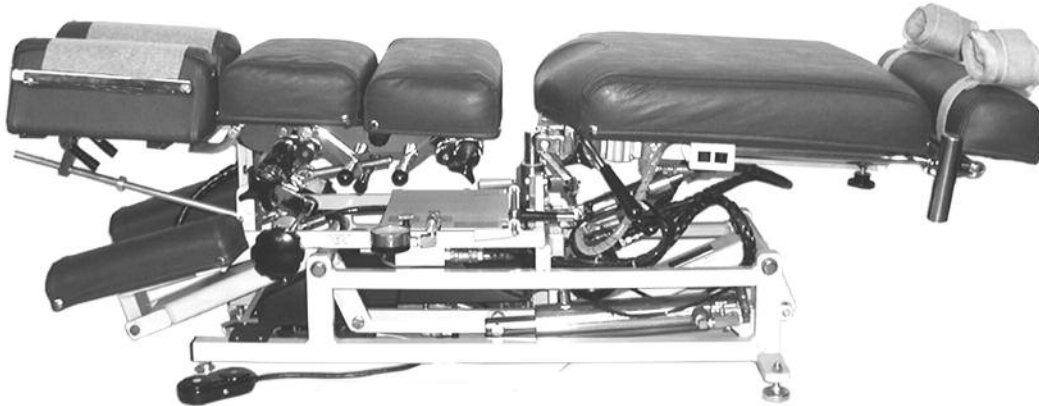
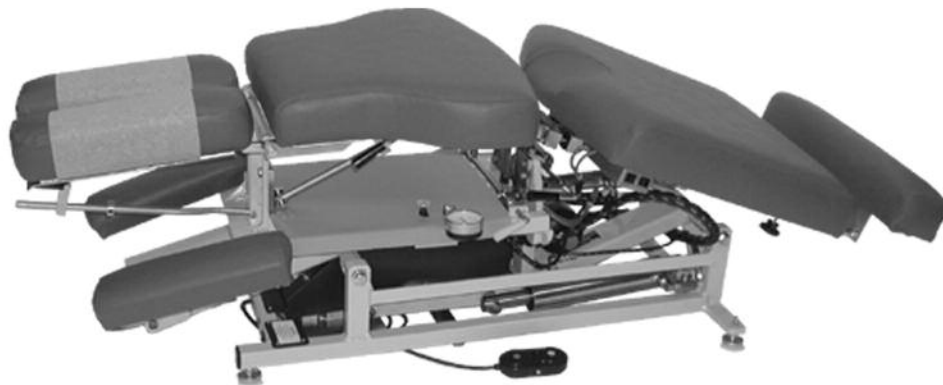


# LLOYD TABLE COMPANY

## 402 FLEXION ELEVATION OPERATION & PARTS MANUAL



*402 Flexion Elevation (with drops)*



*402 Flexion Elevation*

Lloyd Table Company  
102 W. Main Street \* Lisbon, IA 52253  
Phone 319-455-2110 Fax 319-455-2166  
Website [www.lloydtable.com](http://www.lloydtable.com)  
Email [sales@lloydtable.com](mailto:sales@lloydtable.com)  
Call Toll Free 1-800-553-7297

**LLOYD**  
TABLE COMPANY

# CONTENTS

<u>OPERATIONS</u>	<u>PAGE</u>	<u>PARTS / ASSEMBLY</u>	<u>PAGE</u>
Safety and Maintenance.....	1 - 2	Ankle Rest .....	33
Head Rest Cushion.....	3 - 6	Adjustable Height Ankle Rest.....	34
Head - Total Dimension Flexion.....	7 - 8	Electrical.....	35
Chest Cushion.....	9	Electrica AAD Pelvic.....	36
Manual & Auto Drop Cushions.....	10 - 12	Electrical - EHA & Auto Drops.....	37
Pelvic Manual Drop & Rotation.....	13	Electrical Auto Flexion.....	38-39
Pelvic Manual Flexion Distraction.....	14 - 15	Hydraulics Auto Flexion.....	40-41
Pelvic Lateral Side Bending.....	15	Hydraulics Assembly.....	42 - 43
Pelvic T-Bar.....	15	Hydraulics Auto Drops.....	44 - 45
Pelvic Axial Ext. - Ret.....	16	Straight Drop Head.....	46 - 47
Ankle Rest.....	16	Forward Motion Drop Head.....	48 - 49
Pelvic Auto Flexion.....	17 - 19	Flexion Head Assembly.....	50 - 51
Pelvic Auto Axial Distraction.....	20	Flexion Head Slide Assembly.....	52 - 53
Electronic Height Adjustment (EHA)....	21 - 22	Flexion Head Shuttle Assembly.....	54 - 55
<u>PARTS / ASSEMBLY</u>	<u>PAGE</u>	Flexion Head Rotation Frame Assembly..	56 - 57
Base Frame Assembly.....	23	Drop Chest - Full Cushion.....	58 - 59
Lateral Side Bending Assembly.....	24-25	Drop Chest - D & L .....	60 - 61
Tilt Head Cushions.....	26	Drop Chest Adj. Blocks.....	62
Deluxe Head Cushions.....	27	CBP Tilt Chest.....	63
Head Shuttle Assembly.....	28	CBP Drop Chest.....	64 - 65
Deluxe Tilt Chest.....	29	T - Drop Pelvic Non-Rotation.....	66- 67
Deluxe Chest Spring Breakaway.....	30 - 31	T - Drop Pelvic Rotation.....	68 - 69
T - Pelvic Assembly.....	32	T - Handle Assembly.....	70
		T-Handle, AAD Pelvic Assembly.....	71

# WELCOME!!

Lloyd Table Company, a proud supporter of today's chiropractors, has established the finest line of chiropractic tables in the world. Table products unique in versatility and function, designed to meet your needs.



## SAFETY

Out of Concerned for a safe working and treatment environment, Lloyd Table Company asks that you follow the safety tips below.

- \* Be aware of Caution and Warning labels posted throughout the table before operating any functions.
  
- \* Everyone operating the table needs to read the manual and familiarize themselves with all its functions before operating the table with patient on it.
  
- \* NEVER LEAVE A PATIENT ON THE TABLE UNATTENDED!
  
- \* The patient should be positioned at or near the center of the table with arms on the armrest cushions.
  
- \* There should be no more than one operator at the controls.
  
- \* Check the tension on all drops before adjusting the patient. (See Page 7)



## MAINTENANCE

The following steps should be performed on a regular basis to maintain your Lloyd table in a smooth operating condition and to assure its long life and top quality appearance.

- \* An initial inspection and periodic future inspections should be made to insure that nuts and bolts have not loosened in shipping or during daily operations.
  
- \* Your Lloyd table should be lubricated every six months. Parts to be lubricated are all pivot points, and metal to metal sliding mechanisms.  
(DO NOT LUBRICATE FRICTION LOCKS)
  
- \* The cushions should be cleaned daily with a mild soap & warm water solution to remove body oils. Rinsed & dried
  
- \* Chrome parts should be cleaned on a weekly basis for appearance.
  
- \* The hydraulic fluid recommended for the pump, is a lubriplate HO1 hydraulic oil, and
  
- \* Perform periodic inspections for oil leaks or drips.

The following sections provide explanations on the operation of your Lloyd table. All references to right and left, will be in relationship to your view, as you face table from the foot end. All references to the front will refer to the head end of the table. Those to the rear will refer to the foot end.

## Head Cushion

The head cushion is designed to provide a multitude of positions & operations through our Add On Paper (AOP), Deluxe Headpiece and optional Total Dimension Flexion™ Headpieces.



### Tilting Head Adjustment

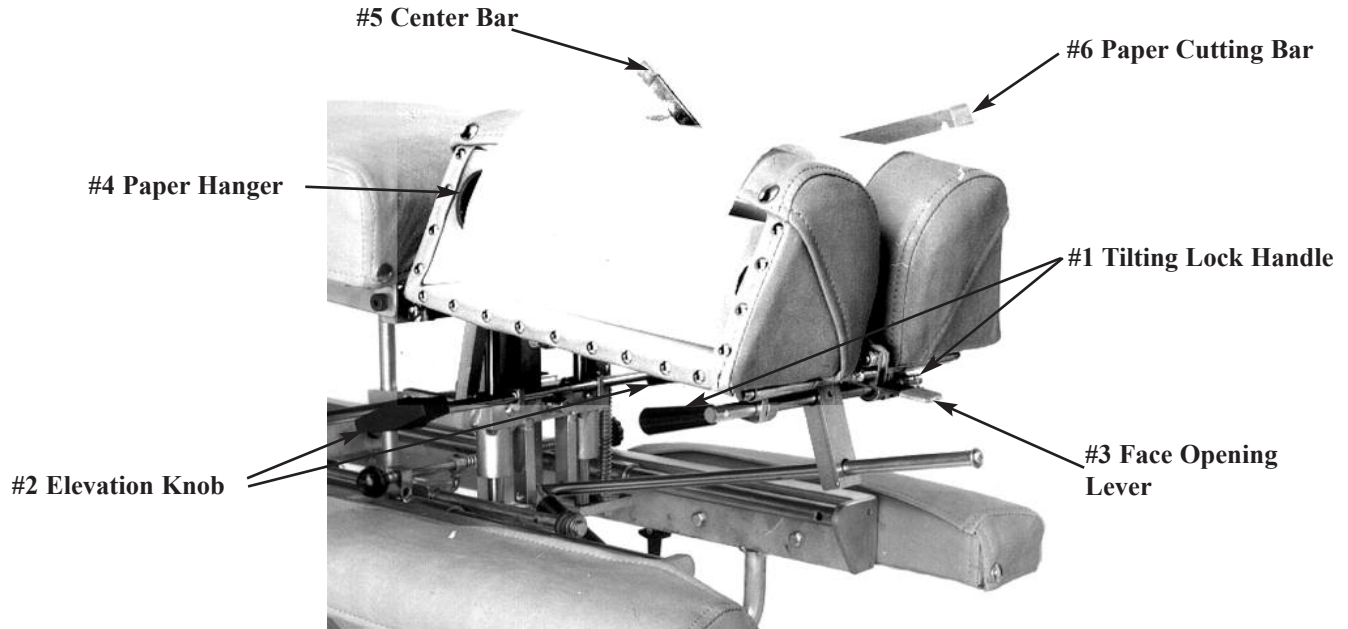
#### To raise the tilting headpiece:

- 1 Lift on the bottom front edges of the cushion.
- 2 Release when desired height is obtained, the cushion will automatically lock into position.

#### To lower the tilting headpiece:

- 1 Support the corner edge of the cushion.
- 2 Lift the Locking Handle (#1) to release.
- 3 Gently lower the cushion to the desired height.
- 4 Release the Lock Handle (#1) and then the cushion to lock.

# Optional Deluxe Headpiece



## To Raise the tilting feature on the Deluxe Headpiece:

1. Lift on the bottom front edges of the cushion
2. Release at the desired height, the cushion will automatically lock into position.



## To Lower the tilting feature on the Deluxe Headpiece:

1. Support the front corner edge of the cushion.
2. Lift the Locking Handle (No. 1) to release
3. Gently lower the cushion to the desired height.
4. Release the lock handle first and then the cushion to lock.



**WARNING: TO AVOID INJURIES WHEN RAISING OR LOWERING HEAD CUSHIONS, BE SURE TO HAVE A PROPER HOLD ON THE CUSHION BEFORE RELEASING THE ELEVATING HANDLE (NO. 2).**

# Deluxe Headpiece



## To Elevate the Head Cushion

1. The head cushion is assisted by a gas shock in raising the cushion. With a hand supporting the head cushion, turn the Elevation Knob (No. 2) on either side of the table upward to unlock. When the desired height is determined simply release the Elevation Knob (No. 2) to lock.

## To Lower the Head Cushion

1. Turn the Elevation Knob upward to unlock. While unlocked push down on the cushion to lower. When the desired height is determined simply rotate the Elevation Knob (No. 2) down to lock.

## Face Opening Adjustment

1. The Head Cushion's face opening can be opened or closed to adjust for comfort with the Face Opening Lever (No. 3). By Pushing slightly down on the Face Opening Lever, slide cushions to adjust opening. The Face Opening Lever must be released in one of eight positions to lock the cushions in place.

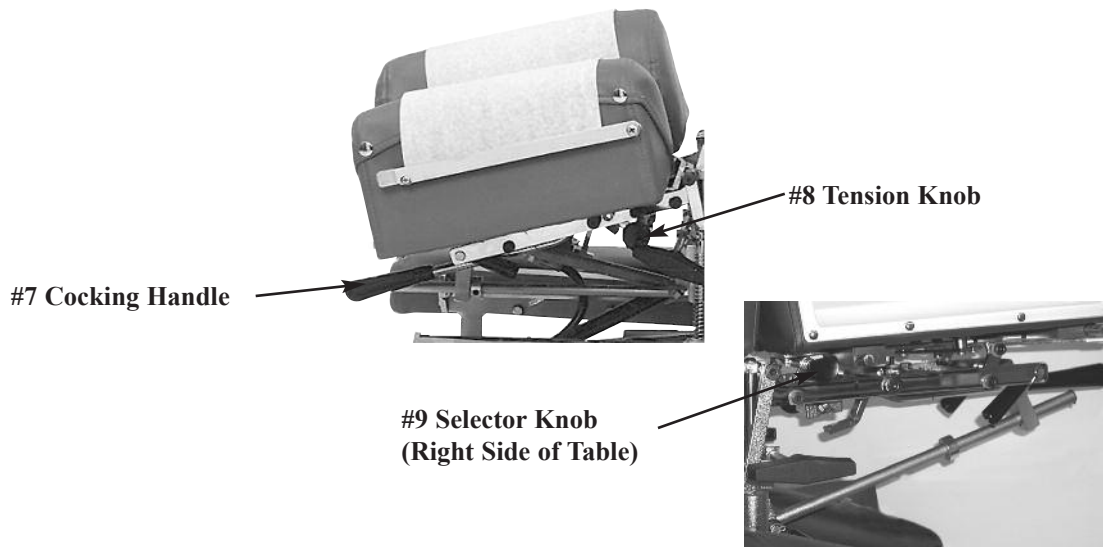
## Paper Roll

The paper roll mounts conveniently inside the right-hand cushion.

## Replacing the Paper Roll

1. Remove the paper hanger tension rod (No. 4) by compressing ends of the rod horizontally. This will allow you to slide one end out, to remove the paper roll tube.
2. Slide a new paper roll on the tension rod so that it rolls off the bottom side. Compress the rod ends horizontally and set inside the head cushion.
3. Swing the Center Bar (No. 5, Page 4) and Outside Cutting Bar (No. 6, Page 4) up. Route paper over the cushions and down between the two outside cutting bars. Return both bars to their original position.
4. Trim the paper by supporting the paper cutting bar with one hand and pulling the paper up along the bar's edge.

# Deluxe Head with Drops



## Operating the Straight / Toggle Drop:



**CAUTION: THE DROP CUSHION TENSION SHOULD BE CHECKED AND TESTED BEFORE ADJUSTING A PATIENT.**

**NOTE - DROP SHOULD BE IN DOWN / DEACTIVATED POSITION BEFORE MOVING SELECTOR KNOB (NO. 9) IN OR OUT.**

1. To engage the Straight / Toggle Drop head, pull the selector knob (No. 9) out about half an inch.
2. Push down on the Cocking Handle (No. 7) until the head cushion toggle drop is activated .
3. Once cocked, test the drop by pushing down on the cushion. If the cushion drops easily or too hard. Adjust the tension with the Tension Knob (No. 8).

## Operating The Tension Knob:

1. The tension is adjusted by turning the tension knob (No. 8) in a clockwise and counterclock-wise direction.
  - A. Clockwise - Increases tension
  - B. Counterclockwise - Decreases tension

## Operating the Forward Motion Drop:



**CAUTION: THE DROP CUSHION TENSION SHOULD BE CHECKED AND TESTED BEFORE ADJUSTING A PATIENT.**

**NOTE - DROP SHOULD BE IN DOWN / DEACTIVATED POSITION BEFORE MOVING SELECTOR KNOB (NO. 9) IN OR OUT.**

1. The Selector Knob (No. 9) is to be pushed in, to engage the forward motion drop.
2. Push down on the Cocking Handle (No. 7) until the head cushion forward motion drop is activated.
3. Once cocked, test the drop by pushing down on the cushion, and adjust the tension.



# Optional - Total Dimension Flexion Head™

## Right Side



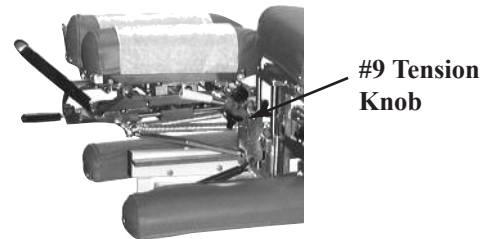
## Forward & Straight / Toggle Drop Operation Instructions



**CAUTION: THE DROP CUSHION TENSION SHOULD BE CHECKED AND TESTED BEFORE ADJUSTING A PATIENT.**

**NOTE - DROP SHOULD BE IN DOWN / DEACTIVATED POSITION BEFORE MOVING SELECTOR KNOB (NO. 1) IN OR OUT.**

1. To engage the Straight / Toggle Drop head, pull the selector knob (No. 1) out about half an inch.
2. Push down on the Cocking Handle (No. 2) until the head cushion is cocked into its top position.
3. Once cocked, test the drop by pushing down on the cushion. If the cushion drops too easily or too hard, adjust the tension with the Tension Knob (No. 9).



## Left Side

### Operating The Tension Knob:

1. The tension is adjusted by turning the tension knob (No. 9) in a clockwise and counterclockwise direction.
  - A. Clockwise - Increases tension
  - B. Counterclockwise - Decreases tension

### Operating the Forward Motion Drop:

- 1 The Selector Knob (No. 1) is to be pushed in, to engage the forward motion drop.
2. Push down on the Cocking Handle (No. 2) to raise the drop cushion to its cocked position.
3. Once cocked, test the drop by pushing down on the cushion. If the cushion drops too easily or too hard, adjust the tension with the Tension Knob (No. 9).

# Optional - Total Dimension Flexion Head™



**WARNING: THE FOLLOWING CERVICAL OPERATIONS ARE ONLY TO BE OPERATED BY A PROFESSIONAL PRACTITIONER, EDUCATED IN THE PROCEDURE OF FLEXION-DISTRACTION AND TRACTION, ON THE SPINE.**



## Lateral Side Bending

1. To unlock the Lateral Side Bending Feature rotate the Lateral Side Bending Release Knob (No. 3) clockwise (from left side of table).
2. Turn the Lateral Side Bending Release Knob (No. 3) counterclockwise to lock headpiece in desired position (from left side of table).



**CAUTION: MAKE SURE THE HEADPIECE IS LOCKED BEFORE ALLOWING A PATIENT ON OR OFF THE TABLE.**

## Manual Traction

1. To unlock the manual traction feature simply pull and twist the Traction Release Knob (No. 4) 1/4 of a turn clockwise or counterclockwise.
2. When unlocked the headpiece will glide forward and backward.
3. To lock the manual traction twist the Traction Release Knob (No. 4) 1/4 turn counterclockwise or clockwise.

## Manual Flexion Distraction

1. To unlock the manual flexion distraction locate the Flexion / Tilt Knob (No. 5) pull forward and twist 1/4 of a turn counterclockwise.
2. Gently apply pressure down using the Flexion Assist Handle (No. 8).
3. To lock the manual flexion distraction twist the Flexion / Tilt Knob (No. 5) 1/4 turn clockwise and release to engage lock.

## Tilting Feature

1. To unlock the Tilting feature locate the Flexion / Tilt Knob (No. 5) while supporting the head cushion pull forward and twist counterclockwise.
2. Once the desired angle is obtained, lock the headpiece simply by twisting the Flexion / Tilt Knob (No. 5) clockwise and release.

## Rotation Feature

1. To unlock the Rotation feature locate the Rotation Release Knob (No. 6) Pull toward the head of the table and twist 1/4 turn clockwise.
2. Gently move the headpiece with the Flexion Assist Handle (No. 8)
3. To lock the Rotation feature locate the Rotation Release Knob (No. 6) twist 1/4 turn counter clockwise and release.

## Face Opening Adjustment

1. The Head Cushion's Face Opening can be opened or closed to adjust for the comfort with the Face Opening Lever (No. 7). By pushing slightly down on the Face Opening Lever, slide side to side adjusting the face opening. The Face Opening Lever must be released in one of the eight positions to lock cushions in place.

## Flexion Assist Handle

1. The Flexion Assist Handle (No. 8) has many functions including aiding with manual Cervical Flexion Distraction, rotation, lateral side bending, and tilting the headpiece.
2. To adjust the Flexion Assist Handle to desired comfort twist the Flexion Assist Handle locking Knobs on both sides of table. This will unlock the handle for adjustment. Twist in opposite direction to lock.

# Chest Cushion

The chest cushion is designed to accommodate patients with large or small abdomen and has the versatility of being a stationary or floating cushion.



#1 Adjustable Chest Handle

## Standard - Adjustable Tilting Chest

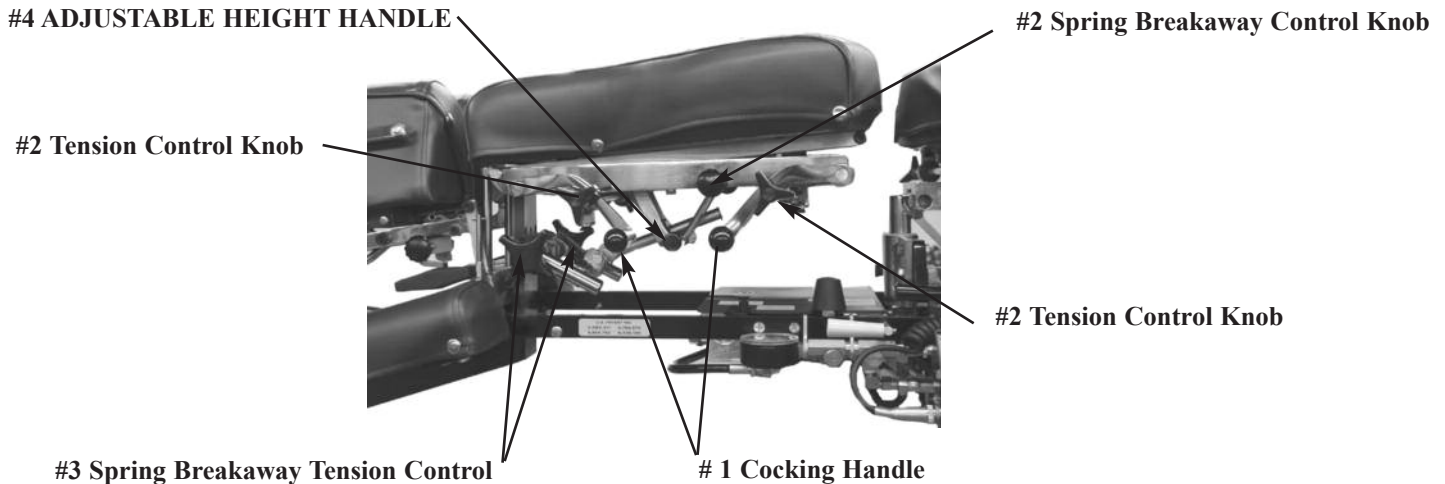
### Height Adjustment of Chest Cushion

1. Lift the rear corners of the cushion.
2. Release the cushion when the desired angle is reached and the cushion will automatically lock into place.

### Tilting Chest Cushion Down

1. Support the cushion at the rear corners.
2. Lift on the Adjustable Chest Handle (No. 1) to release the cushion.
3. Slide the cushion to desired angle.
4. Release the Adjustable Chest Handle (No. 1) first and then the cushion to lock into desired height.

# FULL DROP CHEST CUSHION W/OPTIONAL SPRING BREAKAWAY



Optional Spring Breakaway Chest

To Engage Spring Breakaway Chest Cushion

1. Pull on Spring Breakaway Knob (No. 2) (facing the right side of the table) to unlock.
2. The resulting floating effect will allow the cushion to gently drop under pressure and spring back when released.

To Lock the Spring Breakaway Cushion

1. Gently pull up on chest cushion to full horizontal position, then Push on Spring Breakaway Knob (No. 2) (facing the right side of the table) to lock.

Spring Breakaway Tension

1. Turning the tension control (No. 3) clockwise or counter clockwise will increase or decrease the spring breakaway tension.

<b>Right side:</b>	Clockwise - Decreases Tension	Counterclockwise - Increase Tension
<b>Left Side:</b>	Clockwise - Increase Tension	Counterclockwise - Decrease Tension

Height Adjustment of Chest Cushion

1. Lift the rear corners of the cushion.
2. Release the cushion when the desired angle is reached and the cushion will automatically lock into place.

Tilting Chest Cushion Down

1. Support the cushion at the rear corners.
2. Lift the Adjustable Chest Handle (No. 4) toward the ankle cushion to release the cushion.
3. Slide the cushion to desired angle.
4. Release the Adjustable Chest Handle (No. 1) first and then the cushion to lock into desired height.

Full Drop Chest - Manual Drop

Cocking the Drop Chest (Dorsal or Lumbar)

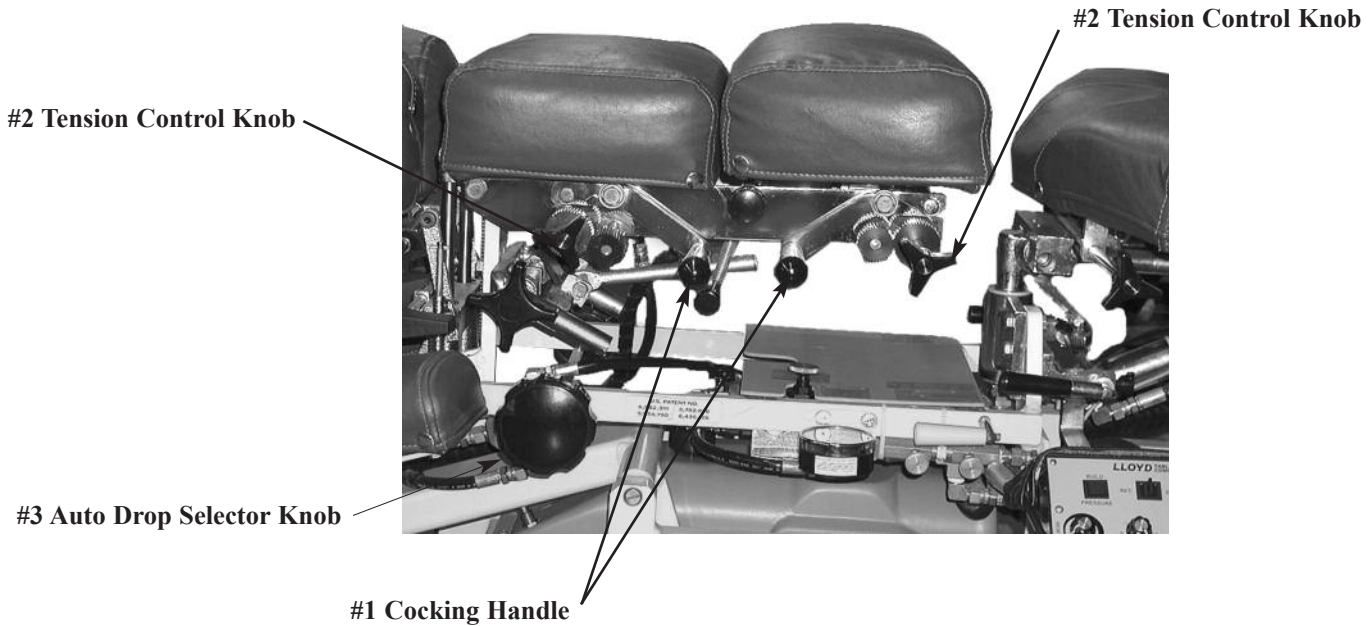
1. Pull up on the Cocking Handle (No. 1) to cock the desired drop cushion.
2. Adjust the tension on drop by turning the Tension Control Knob (No. 2)

<b>Right side:</b>	Clockwise - Decreases Tension	Counterclockwise - Increase Tension
<b>Left Side:</b>	Clockwise - Increase Tension	Counterclockwise - Decrease Tension

**! CAUTION: THE DROP CUSHION TENSION SHOULD BE CHECKED AND TESTED BEFORE**

# Drop Chest

## Dorsal & Lumbar



### Chest & Lumbar Drop - Manual

To cock the Drop Chest or Lumbar Cushion:

**!** CAUTION: The drop cushion tension should be checked and tested before adjusting patient. KEEP FINGERS AWAY FROM BOTTOM OF CUSHION TO AVOID PINCHING.

- 1) Pull up on the Cocking Handle (No. 1) to cock the desired cushion
- 2) Adjust the tension on either cushion by turning the Tension Control Knob (No. 2)
  - a. Right Side: Clockwise - Decrease Tension                      Counterclockwise - Increase Tension
  - b. Left Side: Clockwise - Increase Tension                      Counterclockwise - Decrease Tension

## Automatic Cocking Drops

### Cervical (Head Cushion) Drop - Automatic

To cock the Cervical (Head Cushion) Drop :

- 1) Rotate the Selector Knob (No. 3) to "C" to Select the cervical (Head Cushion) drop
- 2) Step on white strip to activate the auto cocking drop

**!** CAUTION: The drop cushion tension should be checked and tested before adjusting patient.  
KEEP FINGERS AWAY FROM BOTTOM OF CUSHION TO AVOID PINCHING.

- 3) Adjust the tension on the drop by turning the Tension Control Knob (Refer to Page 5 for Tension Adjustment Instructions).

# Automatic Cocking Drops

## To Cock the Dorsal (Chest Cushion) Drop - Automatic

- 1) Rotate the Selector Knob (No. 1) to “D” to Select the Dorsal (Chest Cushion) drop
- 2) Step on white strip to activate the auto cocking drop

 **:CAUTION: The drop cushion tension should be checked and tested before adjusting patient. KEEP FINGERS AWAY FROM BOTTOM OF CUSHION TO AVOID PINCHING.**

- 3) Adjust the tension on the drop by turning the Tension Control Knob (Refer to Page 7 for Tension Adjustment Instructions).

## To Cock the Lumbar Cushion Drop - Automatic

- 1) Rotate the Selector Knob (No. 1) to “L” to Select the Lumbar (Lumbar Cushion) drop
- 2) Step on white strip to activate the auto cocking drop


 **:CAUTION: The drop cushion tension should be checked and tested before adjusting patient. KEEP FINGERS AWAY FROM BOTTOM OF CUSHION TO AVOID PINCHING.**

- 3) Adjust the tension on the drop by turning the Tension Control Knob (Refer to Page 7 for Tension Adjustment

## Pelvic Drop - Automatic

### To cock the Pelvic Drop:

- 1) Rotate the Selector Knob (Pg. 8, No. 1) to “P” to Select the Pelvic drop
- 2) Step on white strip to activate the auto cocking drop

 **CAUTION: The drop cushion tension should be checked and tested before adjusting patient. KEEP FINGERS AWAY FROM BOTTOM OF CUSHION TO AVOID PINCHING.**

- 3) Adjust the tension on the drop by turning the Tension Control Knob (Refer to Page 7 for Tension Adjustment Instructions).

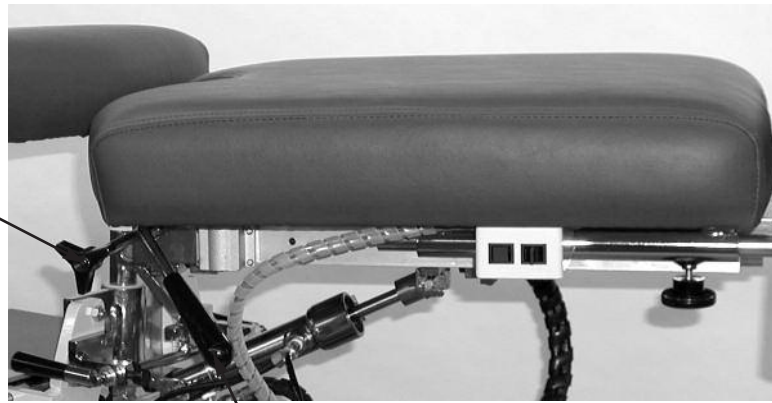
Note- Table is capable of performing a combination of drops - see Selector Knob Letter Reference Chart below.

### Selector Knob Letter Reference Chart

C - Cervical Drop	DC - Dorsal & Cervical Drops
D - Dorsal Drop	LD - Lumbar & Dorsal Drops
L - Lumbar Drop	PL - Pelvic & Lumbar Drops
P - Pelvic Drop	CP - Cervical & Pelvic Drops

# Pelvic Manual Drop

#2 Tension Control Knob



#1 Cocking Handle

## To cock the Drop Pelvic Cushion:



**CAUTION: The drop cushion tension should be checked and tested before adjusting patient. KEEP FINGERS AWAY FROM BOTTOM OF CUSHION TO AVOID PINCHING.**

- 1) Pull up on the Cocking Handle (No. 1) to cock cushion
- 2) Adjust the tension on cushion by turning the Tension Control Knob (No. 2)
  - a. Right Side: Clockwise - Decrease Tension                      Counterclockwise - Increase Tension
  - b. Left Side: Clockwise - Increase Tension                      Counterclockwise - Decrease Tension

## PELVIC ROTATION



Pelvic Rotation (Optional)

# 1 Rotation Lock Handle

### To Unlock the Pelvic Rotation

- 1) Support the edge of the Pelvic Cushion
- 2) Slide the Rotation Lock Handle (No. 1) towards the rear to unlock.

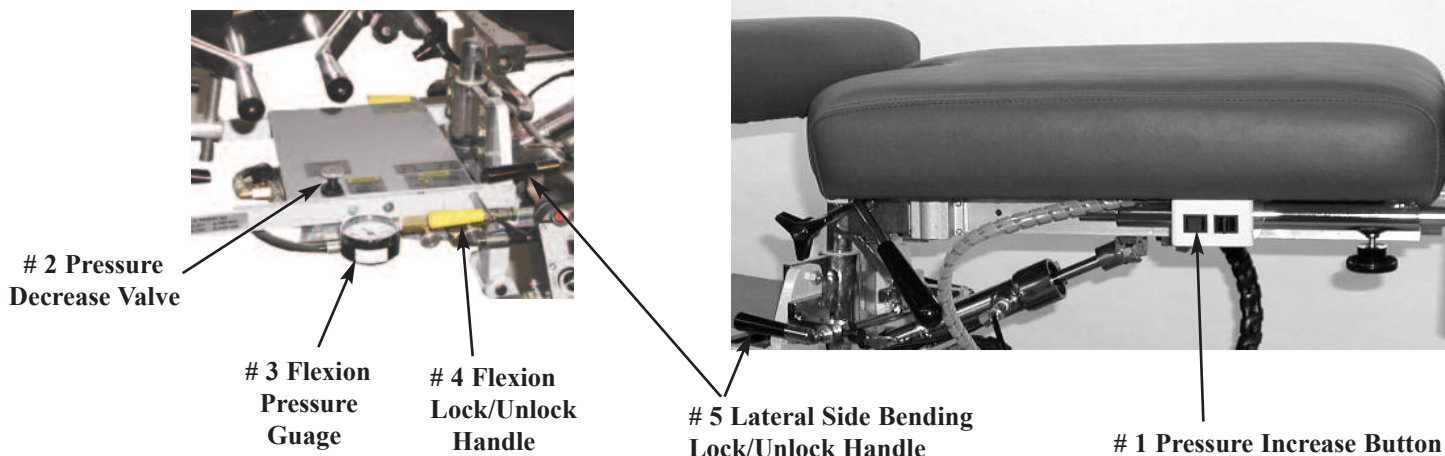
### To Lock the Pelvic Cushion from Rotating

- 1) Place the Pelvic cushion into it's horizontal position.
- 2) Slide the Lock Handle (No. 1) forward to lock.



# Pelvic Cushion

## Manual Flexion Distraction



**WARNING: THE FOLLOWING PELVIC OPERATIONS ARE ONLY TO BE OPERATED BY A PROFESSIONAL PRACTITIONER, EDUCATED IN THE PROCEDURE OF FLEXION - DISTRACTION AND TRACTION, ON THE LOWER BACK AND SPINE.**

### Manual Pelvic Flexion Distraction

#### To Increase the Flexion Pressure:

- 1) Push in on the Pressure Increase Button (No. 1)
- 2) Observe the Flexion Pressure Gauge (No. 3) **CAUTION: DO NOT EXCEED 800 PSI**
- 3) Simply release Pressure Increase Button (No. 1) when desired pressure is obtained.

#### To Decrease the Flexion Pressure:

- 1) Turn the Pressure Decrease Valve (No. 2) in a counter clockwise direction



**CAUTION: Release slowly, to avoid any drastic flexion to the patient.**

- 2) Pressure Drop can be observed on the pressure gauge

**CAUTION: DO NOT REDUCE BELOW 300 PSI**

- 3) Turn the Pressure Decrease Valve (No. 2) in clockwise direction to shut - off when desired pressure is reached.

#### To Operate the Manual Pelvic Flexion

- 1) **CAUTION: TO AVOID ANY DISCOMFORT OR INJURY TO THE PATIENT, MAKE SURE THE FLEXION PRESSURE IS PROPERLY ADJUSTED TO SUPPORT THE PATIENT (SEE PRECEEDING PARARAPHS)**
- 2) Supporting the Pelvic Cushion, turn the Flexion Lock Handle (Page 10, No. 4) down to unlock
- 3) Gently apply pressure down on the Ankle Cushion, or the T-Handle (see below for T-Handle).
- 4) Supporting the cushion; gently allow the pelvic cushion to float back up to the horizontal position.
- 5) **CAUTION: LOCK THE CUSHION INTO IT'S HORIZONTAL POSITION BEFORE ALLOWING THE PATIENT ON OR OFF THE TABLE**





# Pelvic Cushion

## Manual Flexion Distraction

### To Lock the Pelvic Cushion into a Flexion Position:

- 1) Turn the Pelvic's Flexion Handle (Page 10, No. 4) down to unlock.
- 2) The Flexion Pressure may need to be reduced, to ease the process.
- 3) Push the cushion down to desired angle.
- 4) Turn the Flexion Handle up, to lock into position.

### To Release the Cushion from the Flexion Position

- 1) Support the Pelvic Cushion to avoid springing of cushion.
- 2) Turn the Flexion Lock Handle (Page 10, No. 4) down to unlock.
- 3) Pressure increase may be needed to elevate the cushion



- 4) **CAUTION: LOCK THE CUSHION INTO IT'S HORIZONTAL POSITION BEFORE ALLOWING PATIENT ON OR OFF TABLE.**

## PELVIC LATERAL SIDE BENDING

### Side Bending

#### To Operate Lateral Side Bending Feature:

- 1) Turn the Lateral Side Bending Lock/Unlock Handle (No. 5, Page 10) up, to allow the pelvic cushion to lateral side bend.
- 2) The cushion can be locked at various angles of side bending, by laterally moving the cushion in position and locking the handle down.



**CAUTION: LOCK THE CUSHION FROM SIDE BENDING BEFORE ALLOWING A PATIENT ON OR OFF THE TABLE**



### Telescoping T-Bar (No. 1) (Optional)

#### To Change the height of the T-Bar

- 1) While T-Bar is revealed and locked into position simply pinch the red lever against the T-handle to elevate or lower. Release red lever when desired height is obtained.

#### To Reveal Telescoping T-Bar

- 1) Simply pivot the handle up until it locks into place. (Fig. 1)

#### To Hide Telescoping T-Bar

- 1) Pivot the T-bar down until it is in a full horizontal position.(Fig. 2)

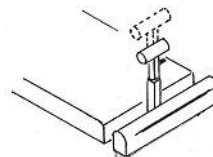


Fig. 1

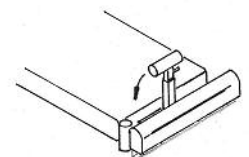
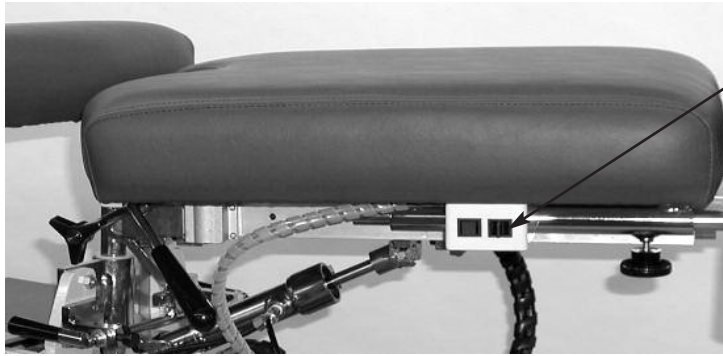


Fig. 2

# Pelvic Axial Extension - Retraction



# 1 Extension Retraction Switch

## Axial Extension - Retraction (Powered)

### To Extend the Pelvic Cushion

- 1) Move the ExtensionRetraction Switch (No. 1) to the right until desired length is obtained.

### To Retract the Pelvic Cushion

- 1) Move the Extension Retraction Switch (No. 1) to the left until desired length is obtained.

## Ankle Rest



#1 Horizontal Lock Knob



#2 Vertical Lock Lever

## Ankle Rest Horizontal Adjustment

### To Extend or Retract the Ankle Rest

1. Loosen the Horizontal Lock Knob (No. 1) and slide the cushion to the desired length.
2. Once the cushion is adjusted, tighten the lock knob.

## Optional Vertical Ankle Rest

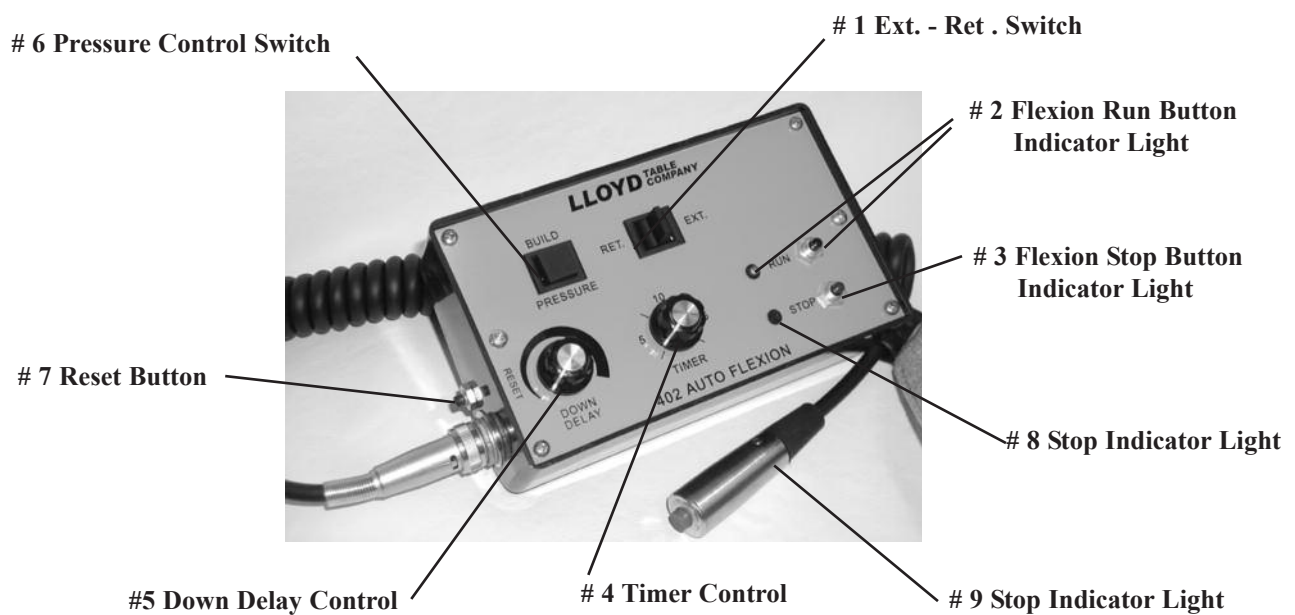
### To Raise the Ankle Rest

1. Simply lift on the sides of the Ankle Rest Cushion.
2. Once the desired height is obtained the cushion will automatically lock into position when released.

### To Lower the Ankle Rest

1. From the back end of the table, support the center of the Ankle Rest Cushion with the right hand.
2. With left hand, slide the Vertical Lock Lever (No. 2) towards the left side to release lock.
3. Lower the cushion to desired height, and release the Vertical Lock Lever to lock into place.

# Auto Pelvic Flexion



## Extension / Retraction Switch (#1)

The Extension / Retraction switch is used for directional control of the Pelvic cushion in the axial plane.

To extend the pelvic cushion:

- 1) Activate the toggle (#1) switch towards the rear of the table.

To retract the pelvic cushion

- 1) Activate the toggle switch (#1) towards the front of the table.

**CAUTION!! Check the pelvic up speed and down speed before adjusting patient on the table.**

## Automatic Mode

The automatic mode is indicated by the (#2) “Indicator Light” emitting a green light.

- A) To activate the Automatic mode press the Run Button (#2) so that the indicator light is on.
- B) The pelvic cushion will continue to flex up and down until the desired time set, indicated by the timer knob (#4), expires.
- C) To stop pelvic flexion simply push the red stop button (#3)

## Auto Flexion Timer

The auto flexion timer (#4) is used when setting the time desired for auto flexion. The range of time is @ 1 to 20 minutes. **The timer, even when turned completely counterclockwise will result in the table auto flexing for about 1.5 minutes.**

# Auto Pelvic Flexion

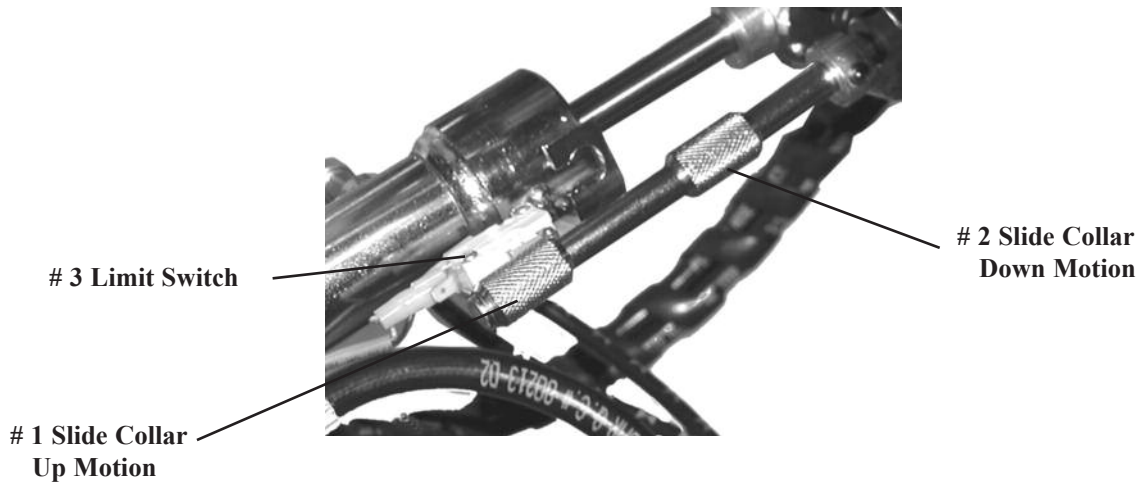
## Down Delay

The down delay adjustment knob (#5) controls the amount of time the pelvic cushion stays in the lowest set position from 0 to 30 seconds. Simply turn the knob clockwise to increase the delay.

## Manual Flexion – Pressure Adjustment

To increase the pressure in manual flexion push the pressure build button (#6). To release pressure see page 12.

- If the auto flexion is stopped by the Patient Stop Switch, the red stop light (#8) will illuminate. To reset the auto flexion press the reset switch (#7) and the auto flexion will resume.



## Flexion Height Adjustment

The two Flexion control collars operate the distance of travel in the up (#1) and down (#2) motion on the pelvic cushion. The limit switch (#3) senses the location of the collars.

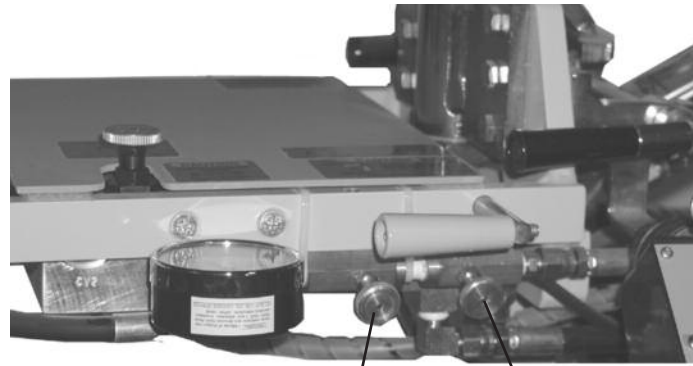
To increase the upward motion slide collar (#1) down.  
To decrease the upward motion slide collar (#1) up.

To increase the downward motion slide collar (#2) up.  
To decrease the downward motion slide collar (#2) down.

If you are performing manual flexion the limit switch (#3) may end up outside of the slide collars. If this happens you will be unable to use the auto flexion feature until the limit switch (#3) is in between the slide collars.

**!** *CAUTION!! Excessive speed may cause discomfort or injury to the patient, make sure to check the flexion speed before adjusting any patients on the table.*

# Auto Pelvic Flexion



# 1 Control Valve

# 2 Control Valve

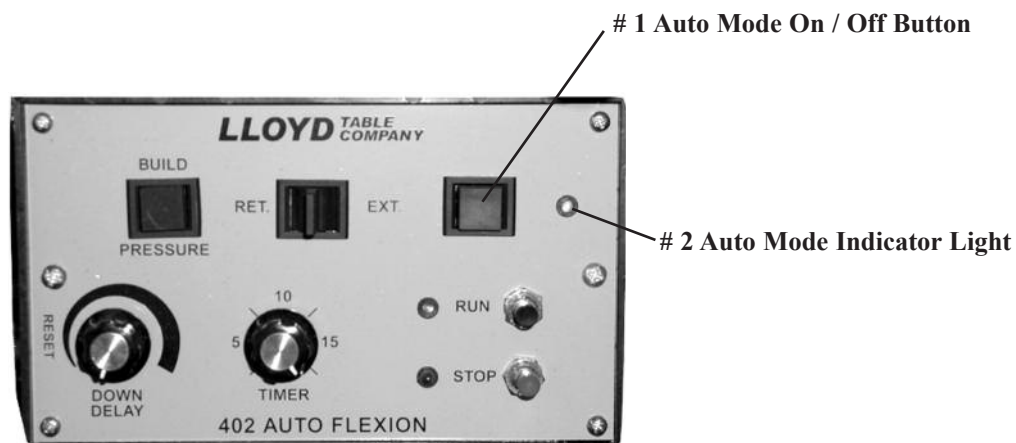
**Up Speed Control** – The control valve (#1), regulates the speed in which the pelvic cushion travels up. Turning the valve clockwise will decrease the speed, and turning in a counter clockwise direction will increase the speed.

**Down Speed Control** – The control valve (#2) regulates the speed in which the pelvic cushion travels down. Turning the valve clockwise will decrease the speed, and turning in a counter clockwise direction will increase the speed.

**⚠ CAUTION!!** To avoid possible injury or discomfort, the following precautionary steps should be taken before operating the auto flexion.

- 1) The flexion handle (page 10, #4) should be up (parallel with floor) in the lock position.
- 2) The lateral side-bending handle (page 10, # 5) should be down in lock position.
- 3) The rotation handle (page 13. # 1) should be pulled forward into lock position.
- 4) Run auto flexion without a patient, to adjust depth and speed.

# Pelvic Auto Axial Distraction



## Auto Axial Distraction (Optional)

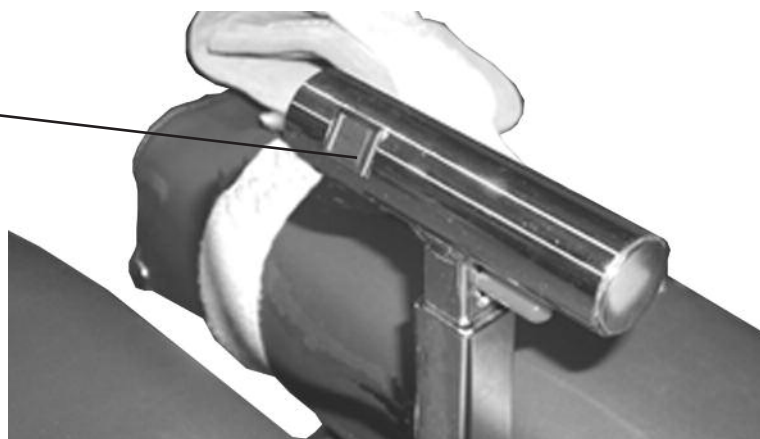
### To Turn Auto Axial Distraction “On”

- 1) Locate the Auto Mode On / Off Button (#1) and depress. Once button has been pressed the Auto Mode Indicator Light will illuminate to show that the auto feature is on.

### To Turn Auto Axial Distraction “Off”

- 2) Locate the Auto Mode On / Off Button (#1) and depress. Once button has been pressed the Auto Mode Indicator Light will darken to show that the auto feature is on.

# 1 AAD Activation Button

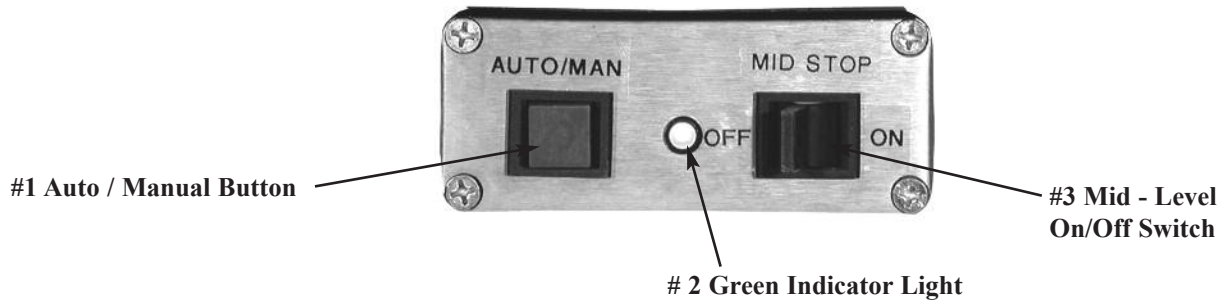


## Auto Axial Distraction (Optional)

### To Extend & Retract Pelvic Cushion

- 1) Once Automatic axial distraction is turned “on” locate the AAD Activation Button (#1) located on the Telescoping T-Bar. Simply press AAD Activation Button (#1) to extend the pelvic cushion and release button to retract.

# Optional - Electronic Height Adjustment (EHA)



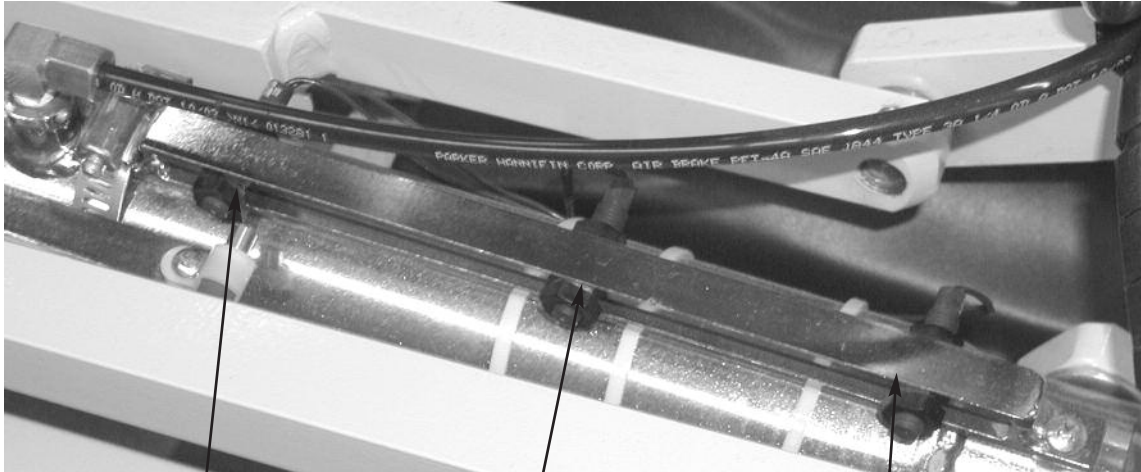
## To Activate Electronic Height Adjustment:

1. Push the Auto / Manual Button(No. 1) Button to activate EHA. Once the Auto / Manual Button (No. 1) has been pressed note that the Green Indicator Light (No. 2) is now illuminated.
2. Toggle the Mid - Level On/Off Switch (No. 3). Toggle the switch toward the foot end of the table to activate the Mid-Level Stop. (If the Mid-Level Switch is “on”/ The table will stop at the programmed middle setting). Toggle the switch towards the head end of the table to turn off the Mid-Level Stop. (If the Mid-Level Switch is “off” the table will elevate or lower without stopping at the programmed middle setting)
3. Depress foot pedal once until the programmed height is achieved.

## To Turn “Off” Electronic Height Adjustment

1. Push the Auto / Manual Button(No. 1) Button to activate EHA. Once the Auto / Manual Button (No. 1) has been pressed note that the Green Indicator Light (No. 2) is now off.
2. When the EHA is off the table is in manual mode, press the foot pedal until desired height is obtained and release pedal.

# Electronic Height Adjustment (EHA)



#1 Upper Level Adjustment

#2 Mid-Level Adjustment

#3 Lower Level Adjustment

## To Set Programmed Heights for EHA:

### To Set Upper Level:

1. Loosen Nut on the Upper Level Adjustment (No. 1) and slide towards the head end of table to increase height. **CAUTION: BE CAREFUL NOT TO SET TO FAR FORWARD AS THIS CAN CAUSE MOTOR TO KEEP RUNNING.** Slide towards the foot end of the table to decrease height. Once height is obtained simply tighten nut to set level.

### To Set Mid-Level:

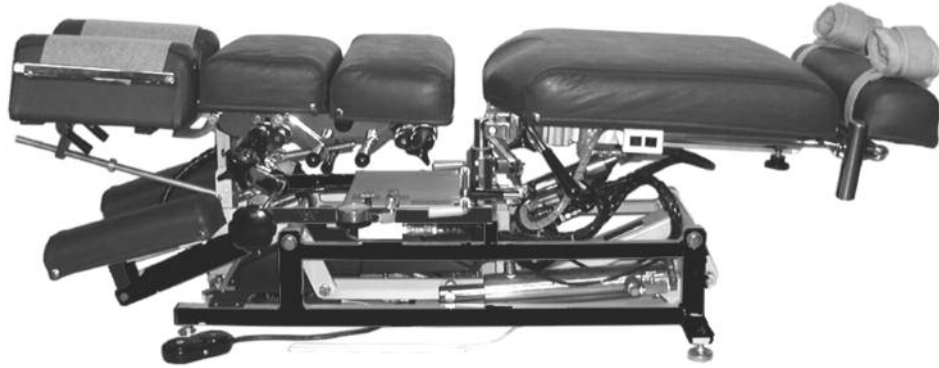
1. Loosen Nut on the Mid-Level Adjustment (No. 2) and slide towards the head end of table to increase height. Slide towards the foot end of the table to decrease height. Once height is obtained simply tighten nut to set level.

### To Set Lower-Level:

1. Loosen Nut on the Lower-Level Adjustment (No. 3) and slide towards the head end of table to increase height. Slide towards the foot end of the table to decrease height. Once height is obtained simply tighten nut to set level.

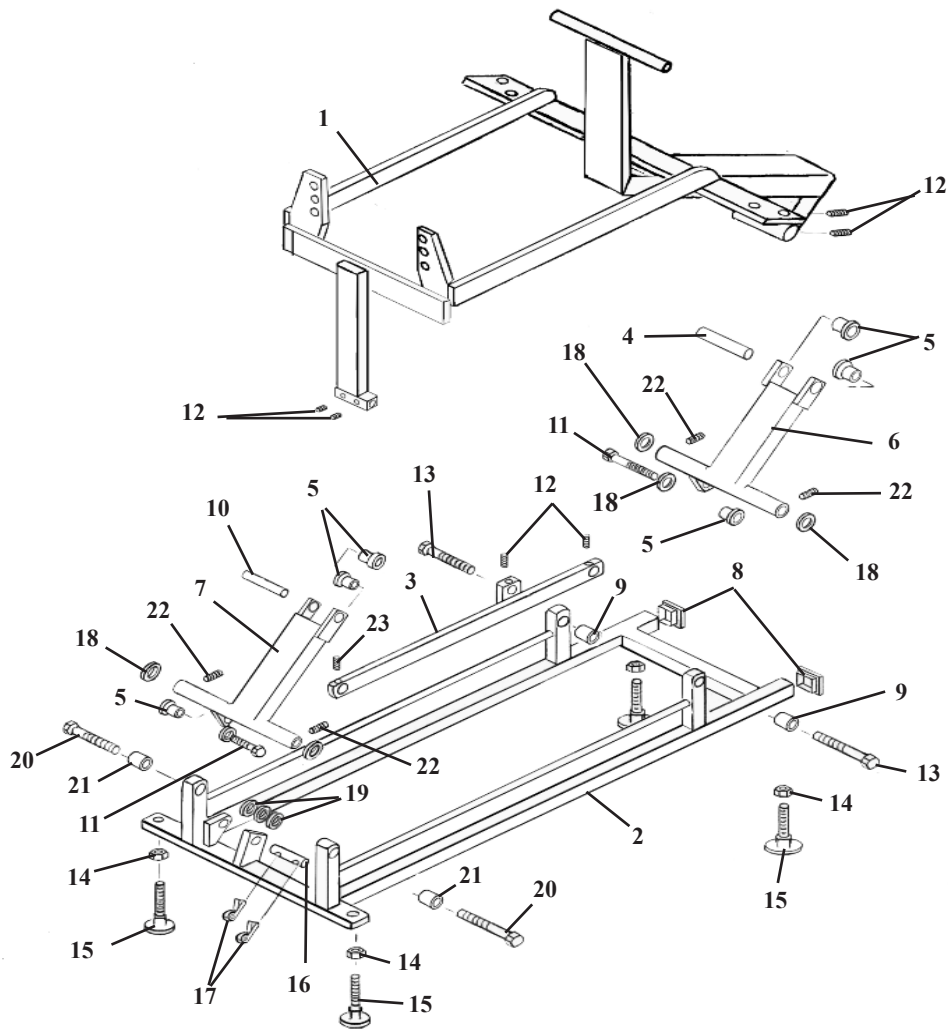


# **402 Flexion Elevation**



## **Parts & Assembly Section**

# BASE FRAME ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1a	56380	UPPER MAIN FRAME ASS'Y (Standard Chest)	1
1b	56429	UPPER MAIN FRAME ASS'Y (Rotation Chest)	1
2	54270	BASE FRAME ASS'Y	1
3	54278	TIE BAR	1
4	54145	CONNECTION PIN, 1/2 RD. X 3 7/8	2
5	22888	CAP BUSHING	6
6	54155	DRIVER ARM ASS'Y (FRONT)	1
7	54303	DRIVER ARM ASS'Y (BACK)	1
8	24414	CAP	2
9	22900	BRASS BUSHING, 7/8 ID	2
10	58151	CONNECTION PIN, 1/2 X 3 1/2	1
11	20510	HEX.HD.BOLT, 1/2-20 UNF X 1 1/4	2
12	22260	SET SCREW, 5/16-24 UNF X 1/4	5
13	20542	HEX.HD.BOLT, 1/2-20 NF X 2 1/4	2
14	21210	HEX.NUT, 3/8-16 NC	4
15	20372	ELEVATOR BOLT, 3/8-16 NC X 1 1/2	4
16	54143	CYLINDER PIN, 1/2 RD. X 3 5/8	1
17	22640	COTTER PIN 3/32 X 1.00	2
18	21912	FLAT WASHER, PLASTIC, 1/2 ID X 1 1/4 OD	1
19	21910	FLAT WASHER, 1/2 ID X 1.00 OD	5
20	56422	PIVOT STUD, 1/2 RD. X 1 5/8	2
21	22886	BRASS BUSHING, 1/2 ID X 5/8 OD X 1	2
22	22110	SET SCREW, 1/4-20 UNC X 1/4	4
23	22250	SET SCREW, 5/16-24 UNC X 1/2	1



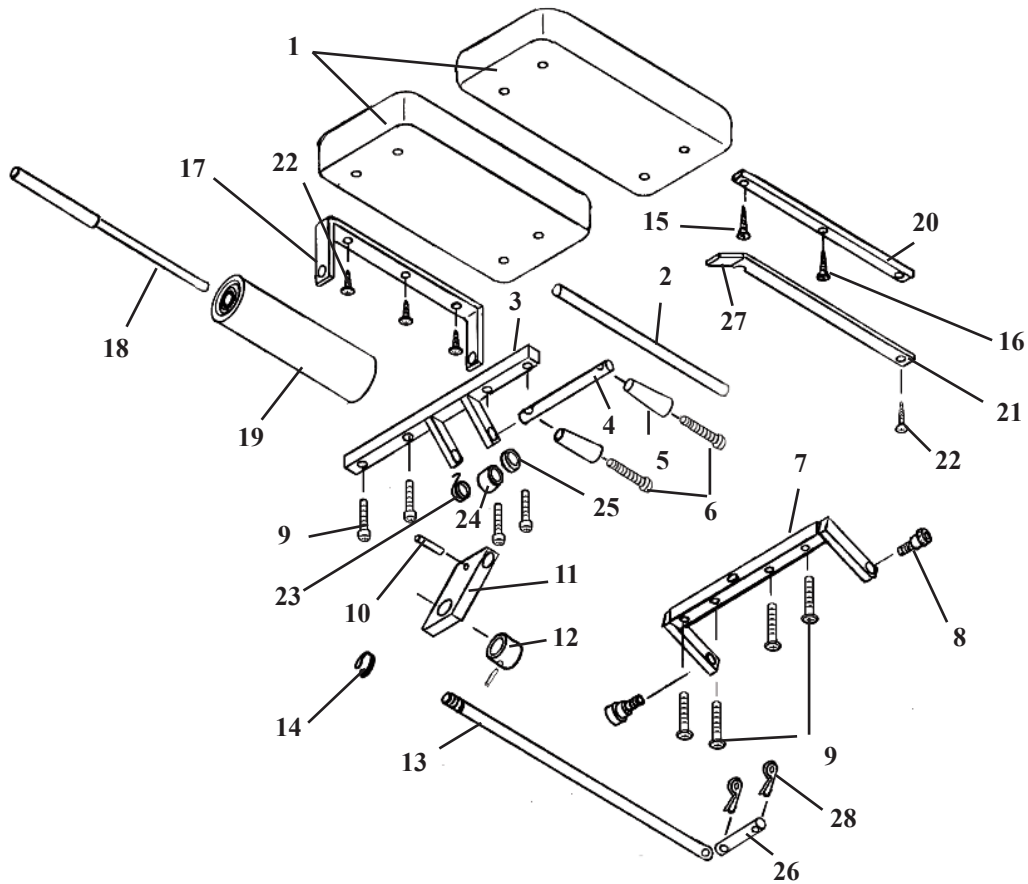
# TOP FRAME ASSEMBLY

## PELVIC LATERAL SIDE BENDING LOCK ASS'Y

### (600830)

ITEM	PART NO.	DESCRIPTION	QTY.
1	58004	Rotation Post	1
2	58003	Pedestal Ass'y	1
3	58008	Yoke Block Ass'y	1
4	22888	Brass Bushing, ½ ID X 5/8 OD	2
5	21959	Plastic Flat Washer, 11/16 ID X 1 ½ OD	2
6	22835	Roller Bearing, 5/8 ID	2
7	22800	Bearing Race	2
8	20222	Hex. Hd. Bolt, 5/16-18 UNC x 1 ¼	6
9	22250	Set Screw, 5/16-24 UNF x ½	2
10	58151	Linkage Rod, ½ x 3 1/2	1
11	22110	Set Screw, ¼-20 UNC x ¼	7
12	21214	Hex. Nut, 5/8-18 UNF	2
13	21112	Hex. Nut, 5/16-18 UNC	2
14	58386	Support Bracket (LH)	1
15	22912	Collar, 3/8 OD.	5
16	58385	Support Bracket (RH)	1
17	58024	Rotation Block	1
18	58183	Spacer, Acetal, ¼ Rd x 1/8	1
19	22071	Socket Hd. Screw, 5/16-18 UNC x 3/8	1
20	24013	Tee Handle	1
21	20129	Socket Hd. Screw, ¼-20 UNC x 3 ½	2
22	24020	Lock Handle	2
23	52192	Extension Handle, ¼ ID x 9/16 OD x 1	2
24	58199	Lock Rod Ass'y	1
25	24021	Handle (Yellow)	2
26	58097	Valve Rod, 3/8 rd. x 13	1
27	58788	Linkage, Release Valve	1
28	22860	Brass Bushing, 3/16 ID x ¼ OD x 0.160	2
29	21995	Pan Hd. Screw, #10-24 UNC x ½	2
30	58118	Linkage Bar, 1/8 x ½ x 2 15/16	1
31	58090	Handle, Valve, 1/8 x 5/8 x 2 5/8	1
32	22883	Bushing, Flange, 3/8 ID x ½ OD x 3/8 Oilite	2
33	58085	Pin, Cylinder, Front, 3/8 Rd x 2 7/16	1
34	22640	Cotter Pin, 3/32 x 1	2
35	22162	Set Screw, ¼ - 28 UNF x 5/8	1
36	22120	Set Screw, ¼ - 20 UNC x ½	1
37	22050	Screw, Machine, Round Head, 1/4 - 20 UNC X 2 1/2	2

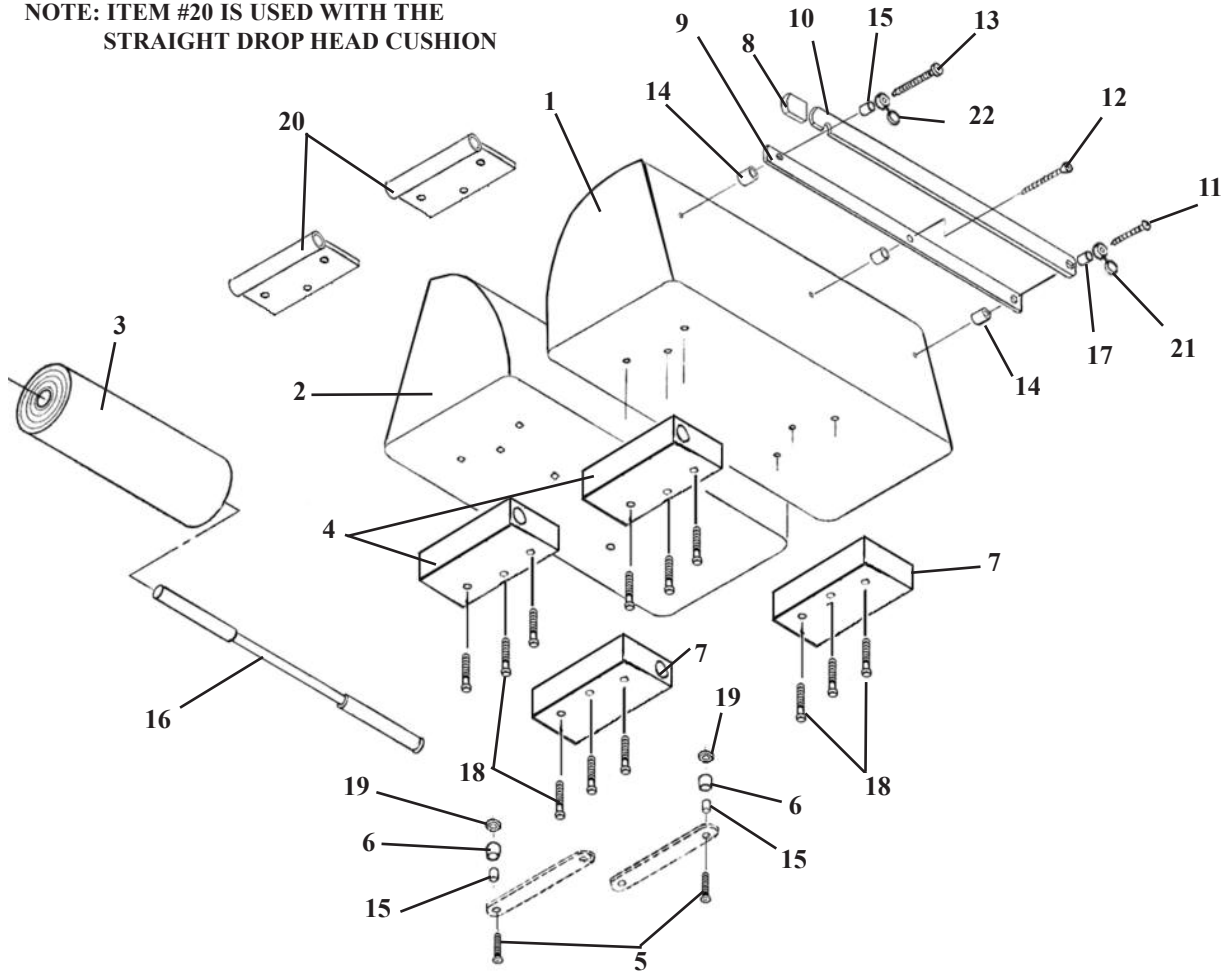
# TILT HEAD CUSHION ASS'Y



ITEM	PART NO.	DESCRIPTION	QTY.
1	40654	HEAD CUSHION	2
2	57936	CENTER ROD	1
3	56381	FRONT BRACE	1
4	56152	ADJUSTMENT ROD	1
5	24020	HANDLE	1
6	22050	RD. HEAD SCREW, 1/4-20 UNC X 2 1/2	2
7	56396	BACK BRACE	1
8	20003	SOCKET HD. BOLT, 1/4-20 UNC X 1/2	2
9	20023	Bol, Hex HD, 1/4-20 X 1 1/4	8
10	22675	ROLL PIN	1
11	54107	ADJUSTING BLOCK	1
12	22913	COLLAR	1
13	54142	EYE ROD, TILT, 1/2 X 15 13/16	1
14	22508	FLAT HD. SCREW, #10 X 7/8	1
15	22455	RD. HD. SCREW, #8 X 3/4	4
16	24285	E-CLIP	1
17	56305	PAPER HANGER	1
18	57956	HANGER ROD ASS'Y	1
19	29999	PAPER ROLL	1
20	57934	INSIDE BAR	1
21	57933	OUTSIDE CUTTING BAR	1
22	22468	SHEET METAL SCREW, #10 X 7/8	1
23	30870	TORSION SPRING	1
24	22912	COLLAR, 3/8 ID	1
25	21912	PLASTIC WASHER, 1/2 ID X 1 1/4 OD	1
26	24235	PIN, 5/16 X2	1
27	24235	PLASTIC GUARD	1
28	22640	COTTER PIN	2

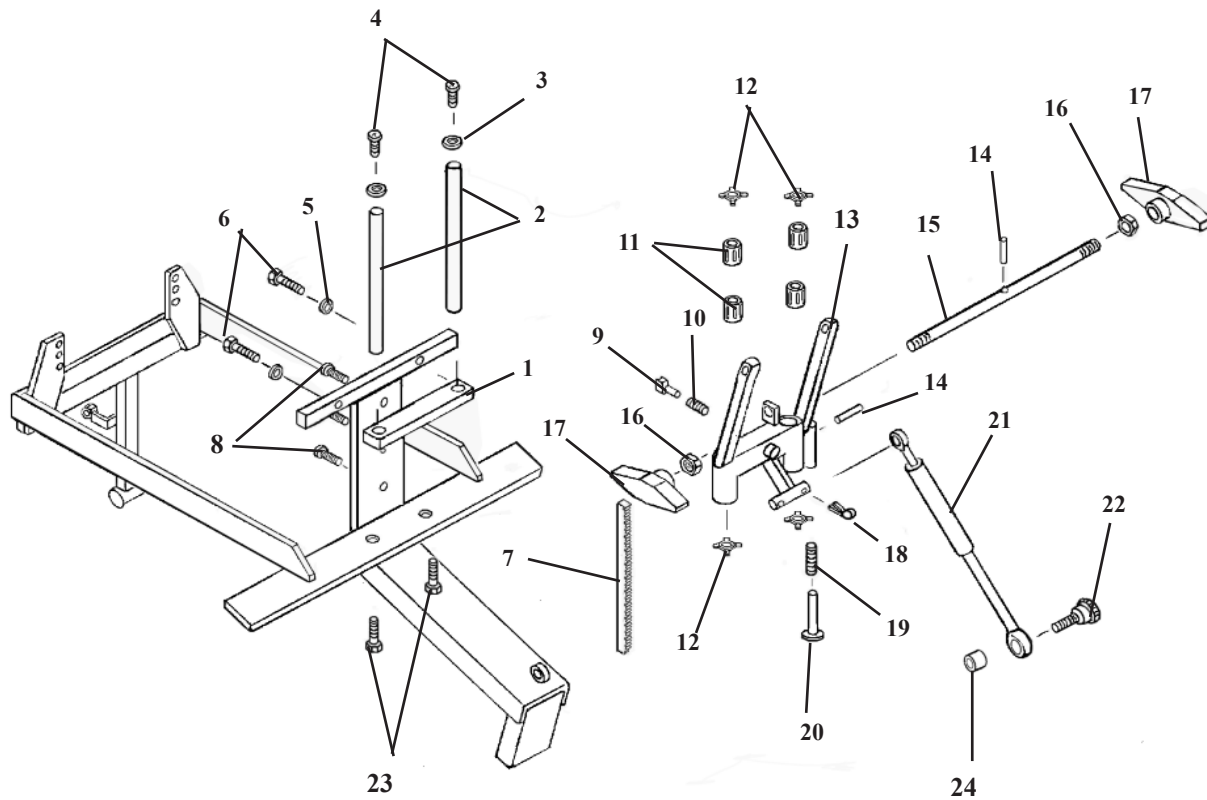
# DELUXE HEAD CUSHION ASS'Y

NOTE: ITEM #20 IS USED WITH THE STRAIGHT DROP HEAD CUSHION



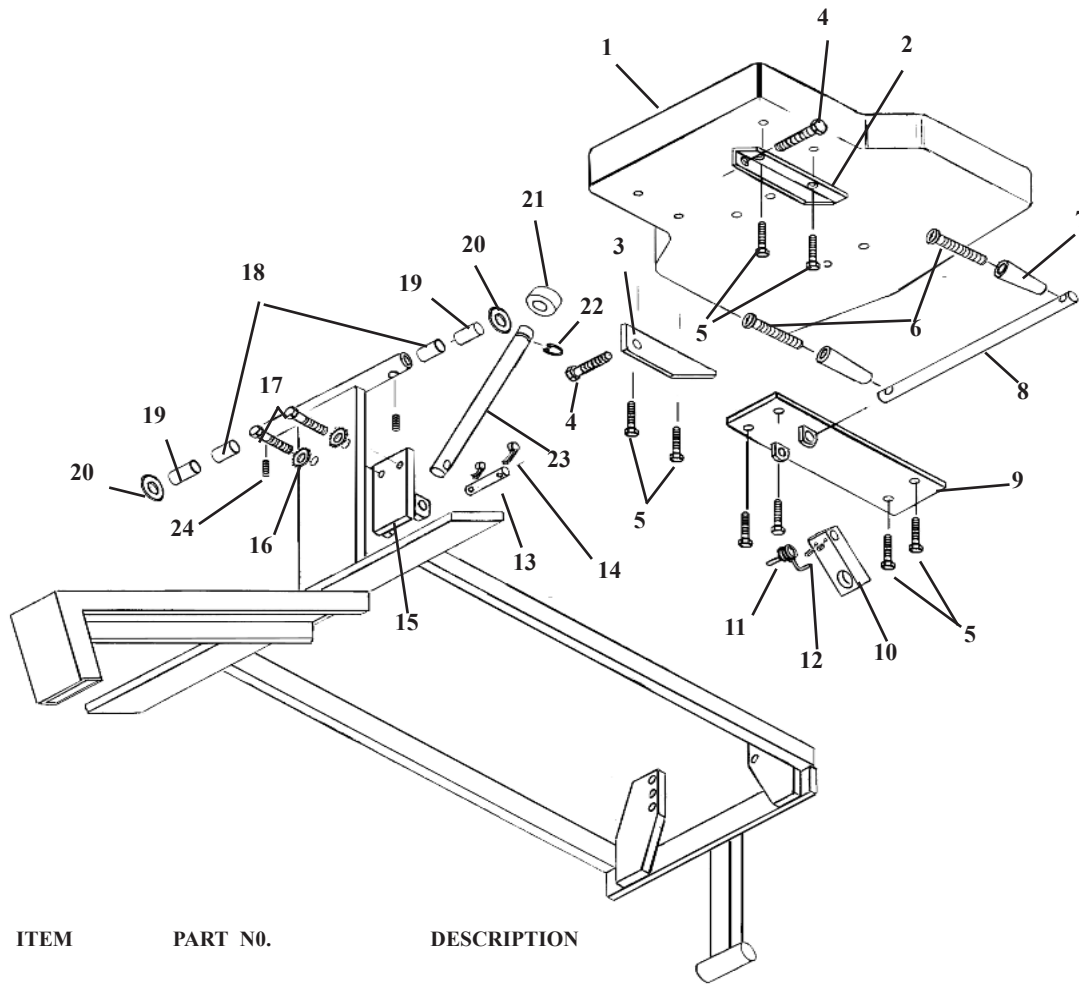
ITEM	PART NO.	DESCRIPTION	QTY
1	40110	CUSHION, HEAD - LEFT HAND	1
2	40130	CUSHION, HEAD - RIGHT HAND	1
3	29999	HEADREST PAPER	1
4	30400	SLIDE BLOCK, FRONT	2
5	22009	OVAL HD. MACHINE SCREW, #10-24 NC X 1 1/2	2
6	57174	SPACER, 3/16 ID X 1/2 OD X 5/8	2
7	30401	SLIDE BLOCK, REAR	2
8	24235	GUARD, CUTTING BAR	2
9	50750	INSIDE CUTTING BAR	1
10	50770	OUTSIDE CUTTING BAR	1
11	22550	RD. HD. WOOD SCREW #14 X 2.00	1
12	22510	FLAT HD. WOOD SCREW, #9 X 1 1/2	1
13	22522	RD. HD. WOOD SCREW, #9 X 2.00	1
14	50720	SPACER, PAPER CUTTER, 3/8 ID X 1/2 OD	3
15	22860	BUSHING, 3/16 ID x 1/4 OD	3
16	50779	PAPER HANGER ASS'Y	1
17	21610	FLAT WASHER, 3/16 ID X 1/2 OD	1
18	22003	OVAL HD. MACHINE SCREW, #10 - 24 NC X 3/4	12
19	21510	FLAT WASHER, 3/16 ID X 1/2 OD	2
20	57155	GUIDE TUBE ASS'Y, FRONT	2
21	24427	FASTENER HINGE CAP, 1/4" ID X .703 OD	1
22	24431	FASTENER HINGE CAP, #8 / #10 X .54 OD	1

# HEAD SHUTTLE ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1	56415	TOP PLATE	1
2	50872	GUIDE ROD, 1/2 RD. X 7 7/8	2
3	21620	WASHER, FLAT, 1/4 ID X 9/16OD	2
4	22013	MACHINE SCREW, SOCKET HD. 1/4-20UNC X 1/2	2
5	21630	WASHER, STAR, .26 ID X .49 OD	2
6	20027	HEX. HD. BOLT, 1/4-20UNC X 1 1/2	2
7	56019	GEAR RACK	1
8	21976	PAN HD. MACHINE SCREW, #6-32UNC X 3/4	3
9	56064	LOCK PIN ASS'Y	1
10	30750	COMPRESSION SPRING, 9/32 ID X 3/8 OD X 3/4	1
11	22891	BUSHING, 1/2 ID X 1 OD X (super 8)	4
12	24050	SPRING CLIPS	4
13	56045	SHUTTLE ASSEMBLY	1
14	22675	ROLL PIN	2
15	55949	LOCK ROD, 3/8 RD. X 11	1
16	21211	NUT, HEX, 3/8 - 16 UNC	2
17	24186	TENSION KNOB	2
18	22640	COTTER PIN	2
19	30740	COMPRESSION SPRING, 5/16 ID X 7/16 OD X 4 3/4	1
20	55959	PLUNGER ASSEMBLY	1
21A	30296	CYLINDER PRESSURE, F/M 89. 50#	1
21B	30297	CYLINDER, PRESSURE, DELUXE, 40#	1
22	20002	SOCKET HD. BOLT, 1/4-20 UNC SHLD. 5/16 X 1/2	1
23	20010	HEX. HEAD BOLT, 1/4-20 UNC X 3/4	2
24	56006	SPACER, 3/8 ID X 1/2 OD X 3/16	1

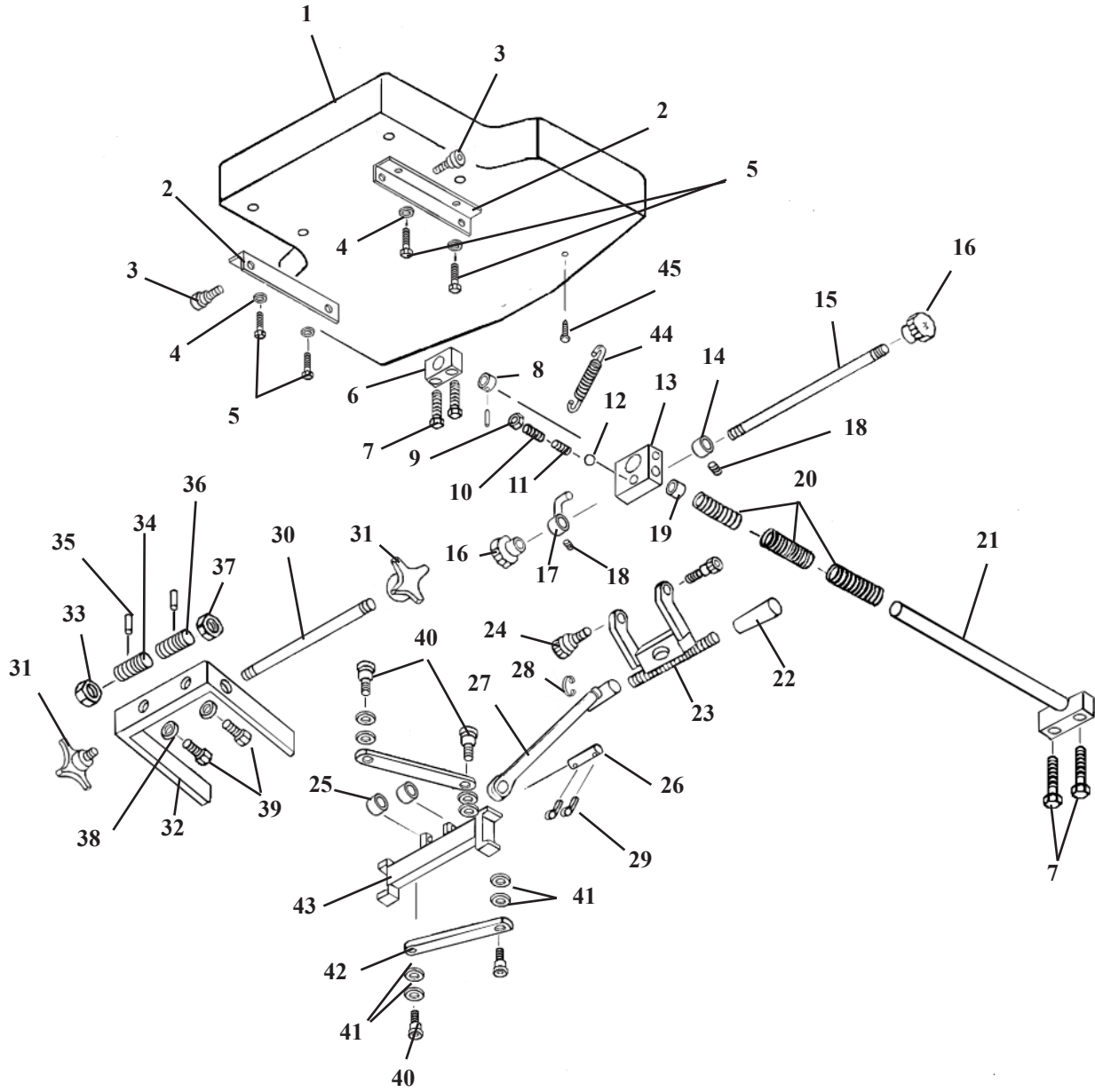
# ADJUSTABLE TILT CHEST CUSHION ASS'Y



ITEM	PART NO.	DESCRIPTION	QTY.
1	40229	Chest Cushion	1
2	56417	Brace, Angle, LH Chest	1
3	56416	Brace, Angle, RH Chest	1
4	20363	Bolt, Hex. Hd. 3/8-16 UNC X 2 1/4	2
5	20022	Bolt, Hex. Hd., 1/4-20 UNC X 1.00	8
6	22050	Screw, Machine, Rd Head, 1/4-20 UNC X 2 1/2	2
7	24020	Adjustment Handle	2
8	51230	Adjusting Rod, 1/2 X 11 1/4	1
9	55149	Support Bracket, Ass'y, Chest	1
10	54082	Adjustment Block, 3/4 X 1 X 3 5/8	1
11	30872	Torsion Spring	1
12	22113	Set Screw, 1/4-20 UNC X 3/8	2
13	58085	Support Pin, 3/8 X 2 7/16	1
14	22639	Cotter Pin, 1/2"	2
15	56400	Mounting Ass'y, I - Frame	1
16	21820	Star Washer, 3/8"	2
17	20332	Bolt, Hex. Hd., 3/8-16 UNC X 1.00	2
18	57719	Spacer, 3/8 ID X 1/2 OD X 3/8	2
19	50720	Spacer, 3/8 ID X 1/2 OD X 1/2	2
20	21800	Washer, Flat, Plastic, 3/8 ID X 5/8 OD X 1/16	2
21	22935	Collar, 9/16	1
22	24286	Snap Ring, 9/16	1
23	54228	Eye-Rod, 9/16 Rd X 10 1/16, Groved	1
24	22110	Set Screw, 1/4 - 20 UNC X 1/4	2



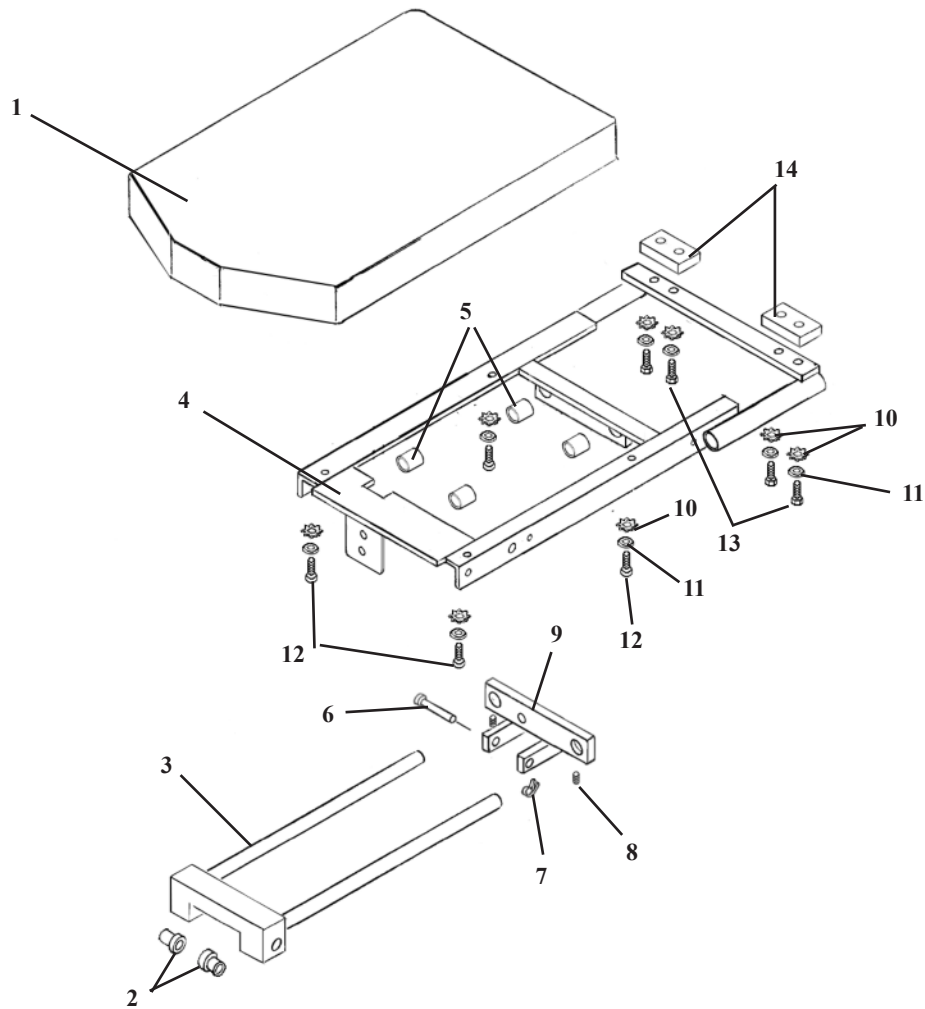
# BREAKAWAY CHEST CUSHION



# BREAKAWAY CHEST CUSHION

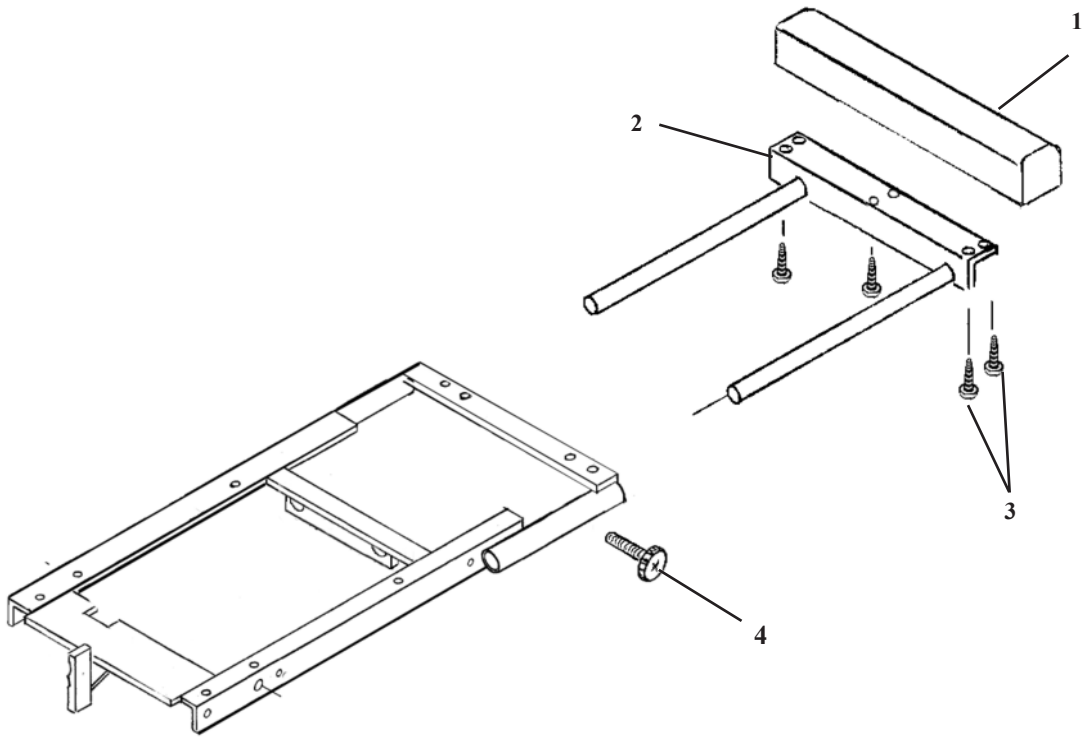
ITEM	PART NO.	DESCRIPTION	QTY.
1	40229	Cushion Assembly, Chest	1
2	56416	Brace, Angle, 1/8 X 1 1/4 SQ. X 6	2
3	20363	Bolt, Hex Head, 3/8 – 16 UNC X 2 1/4	2
4	21620	Washer, Flat, 1/4 ID x 9/16 OD	4
5	20022	Bolt, Hex Head, 1/4 - 20 UNC X 1	4
6	51110	Support Block	1
7	20052	Bolt, Hex Head, 1/4 - 20 UNC X 1 3/4	4
8	22940	Collar, 5/18 ID X 1 3/32 OD X 1/2	1
9	21012	Nut, Jam, 1/4 - 20 UNC	1
10	22120	Set Screw, 1/4 - 20 UNC X 1/2	1
11	30715	Spring, Compression, 3/16 ID X 0.140 OD X 1/2	1
12	22702	Ball, Steel, 3/16 Dia	1
13	51090	Yoke Block	1
14	22921	Collar, 5/16 ID X 5/8 OD	1
15	51150	Lock Rod, 5/16 Dia X 13 9/16	1
16	24150	Lock Knob	2
17	50570	Lock Pin Ass'y	1
18	22090	Set Screw, #10 – 32 UNF X 3/32	2
19	22854	Bushing, 5/8 ID X 23/32 OD	1
20	30793	Spring, Compression, 11/16 ID X 15/16 OD X 3 1/8	3
21	51068	Guide Rod Assembly, Breakaway Chesr	1
22	24090	Knob/ lever, Plastic, 3/8 – 16 UNC	2
23	56425	Block, Adjustment, Fork Bracket, 402 Flex Breakaway Chest	1
24	20197	Bolt, Socket Head, 5/16 – 18 UNC, Shou 3/8 X 3/8	2
25	56408	Sleeve, Chest Frame Ass'y, 402 Flex, .506 ID X .625 OD X 1.025	2
26	51930	Pin, Cylinder, 1/2 Rd X 3 3/4	1
27	57450	Eye Rod, 9/16 Rd X 6 9/16	1
28	24286	Snap Ring, 9/16 Dia	1
29	22640	Pin, Cotter, 3/32 X 1	2
30	51057	Rod, Adjustment, 3/8 Rd X 7 1/4	1
31	24154	Knob, Adjustment	2
32	51061	C – Frame Ass'y	1
33	51064	Nut, Adjustment (RH), 5/8 Acme Thread	1
34	51058	Screw, Worm (RH), 5/8 Acme Thread	1
35	22675	Roll Pin, 1/8 X 3/4	2
36	51059	Screw, Worm, (LH), 5/8 Acme Thread	1
37	51063	Nut, Adjustment (LH), 5/8 Acme Thread	1
38	21820	Washer, Star, 3/8 ID X 11/16 OD	2
39	20332	Bolt, Hex Head, 3/8 – 16 UNC X 1	2
40	20002	Bolt, Socket Head, 1/4 - 20 UNC X 1 1/4 (Cut Off)	4
41	21760	Washer, Plastic, 0.315 ID X 1/2 OD	8
42	51067	Linkage, Arm	2
43	51060	Slide Ass'y	1
44	30759	Spring, Tension, 3/8 ID X 7/16 OD X 2 13/13	1
45	22393	Screw, Eye	1

# T-PELVIC ASSEMBLY NON-ROTATION



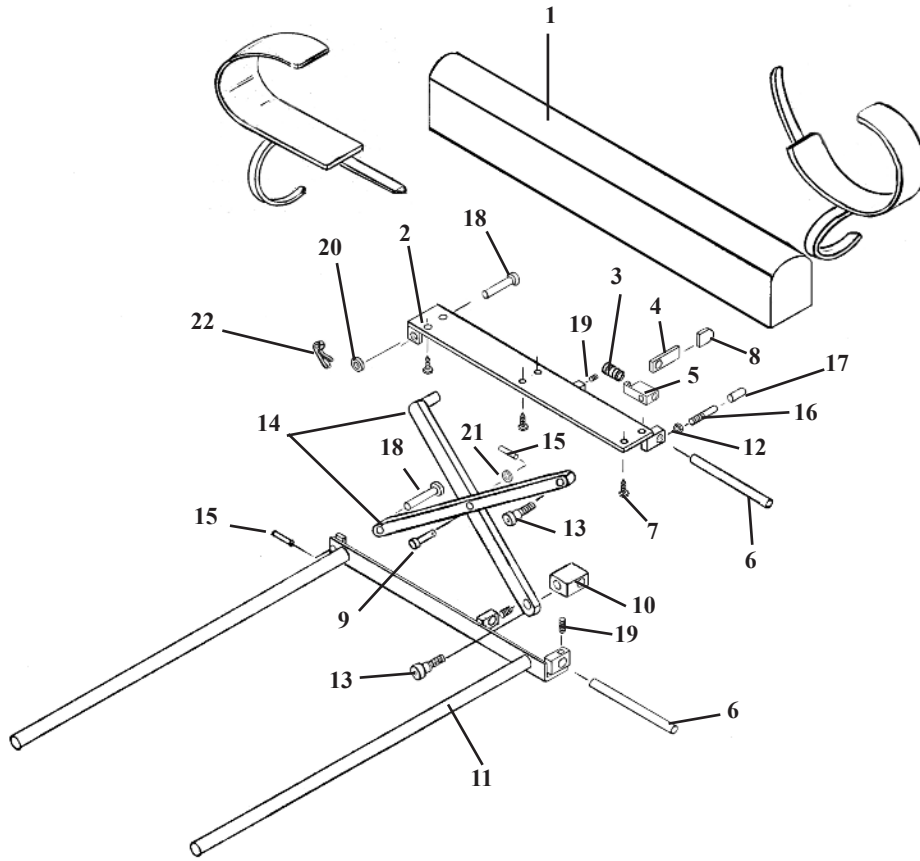
ITEM	PART NO.	DESCRIPTION	QTY.
1	40285	PELVIC CUSHION ASS'Y	1
2	22888	CAP BUSHING, BRASS	2
3	58542	GUIDE FRAME ASS'Y	1
4	58527	CARRIAGE FRAME ASS'Y	1
5	22850	BUSHING, NYLON, 3/4 ID X 7/8 OD X 3/4	4
6	22615	CLEVIS PIN, 5/16 X 2	1
7	22639	COTTER PIN, 3/32 X 1/2	1
8	22250	SET SCREW, 5/16-24 UNF X 1/2	3
9	58594	SLIDE BRACKET ASS'Y	1
10	21620	WASHER, FLAT, 1/4 ID X 9/16 OD	8
11	21630	STAR WASHER, 1/4 ID	8
12	20021	BOLT, SOCKET HD. 1/4-20 UNC X 1	4
13	20023	BOLT, HEX HD. 1/4-20 UNC X 1 1/4	4
14	53264	SPACER, 3/8 X 1 1/4 X 2 3/8	2

# ANKLE REST ASSEMBLY



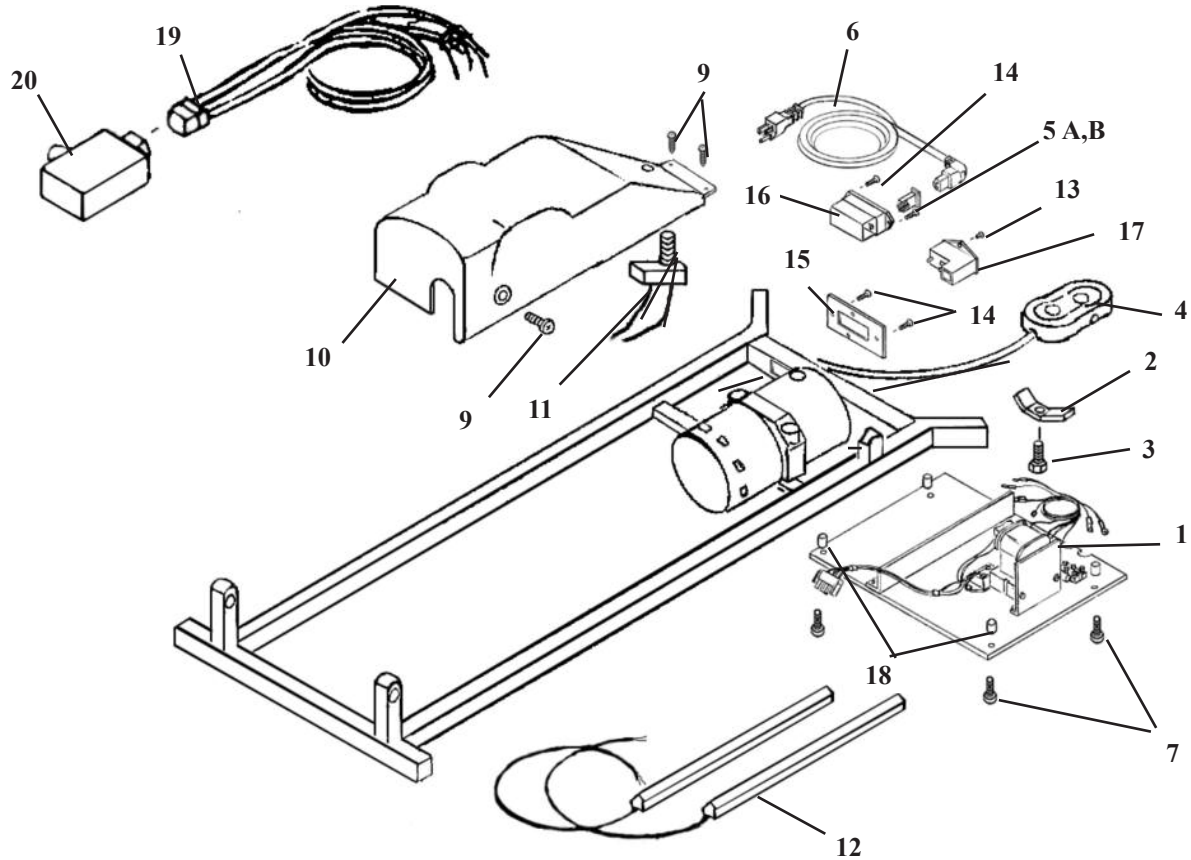
ITEM	PART NO.	DESCRIPTION	QTY.
1	40410	ANKLE REST CUSHION	1
2	54206	SLIDE BRACKET ASS'Y	1
3	22468	PAN HD. WOOD SCREW, #10 X 7/8	6
4	24181	LOCK KNOB	1

# ANKLE REST ASSEMBLY



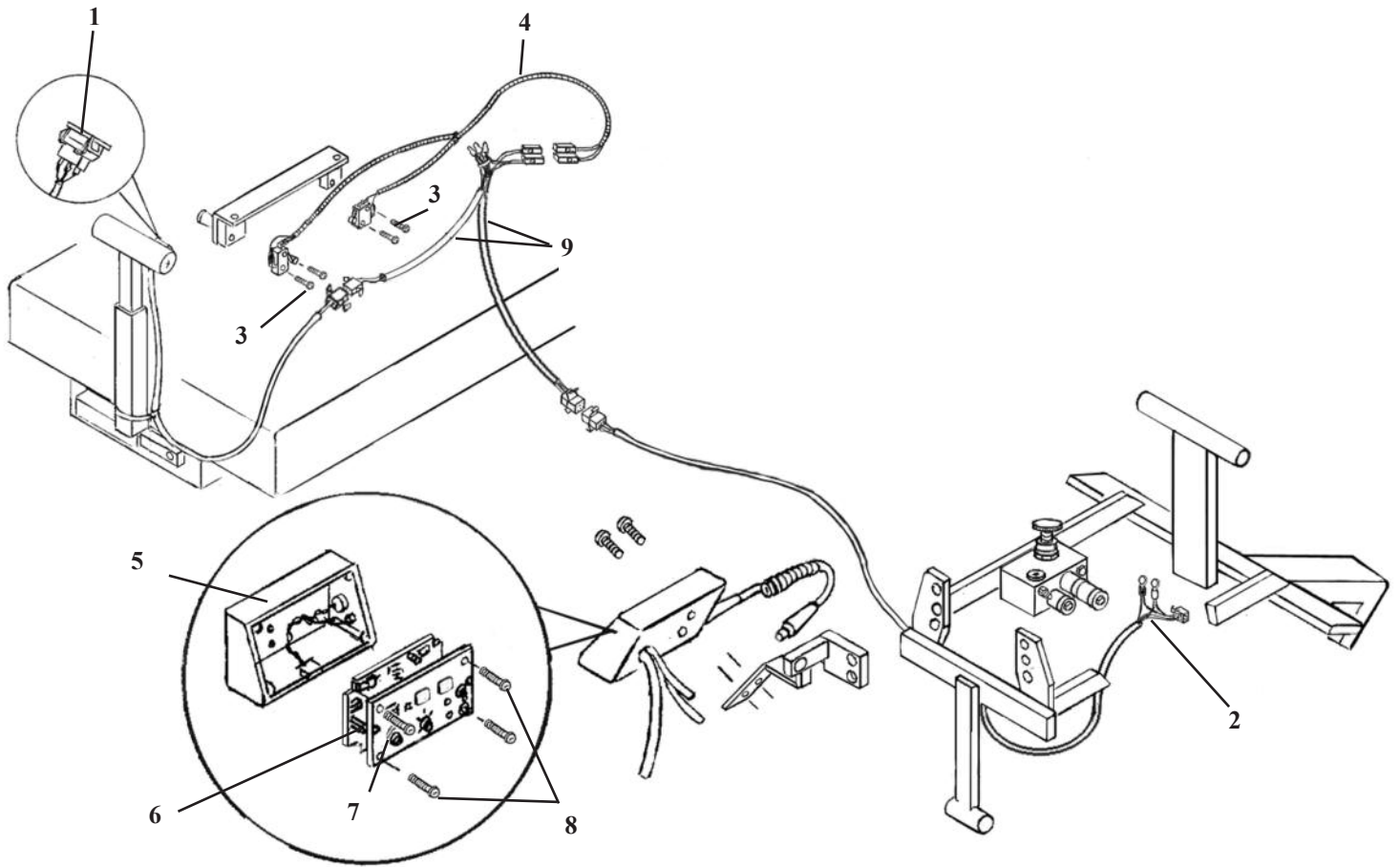
ITEM	PART NO.	DESCRIPTION	QTY.
1	40410	ANKLE REST CUSHION	1
2	56507	BASE PLATE	1
3	30774	COMPRESSION SPRING	1
4	56519	LOCK HANDLE	1
5	56525	GUIDE BLOCK	1
6	56518	GUIDE ROD	2
7	22468	SCREW, WOOD, RD HEAD, #10 X 7/8	6
8	24236	GUARD, TEE HANDLE	1
9	22610	PIN, CLEVIS, 5/16 X 7/8	1
10	56539	GUIDE BLOCK	1
11	54203	SLIDE FRAME ASS'Y	1
12	21010	NUT, HEX, 1/4 - 20 UNC	1
13	20197	BOLT, SOCKET, SHOULDER, 5/16-18 unc, 3/8 x 3/8	2
14	56512	LINKAGE ARM ASSEMBLY	2
15	22660	ROLL PIN, 1/8 X 5/8	2
16	52190	EXTENSION ROD	1
17	24415	PLASTIC CAP	1
18	22615	PIN, CLEVIS, 5/16 X 2	2
19	22110	SET SCREW, 1/4 - 20 UNC X 1/4	3
20	21710	WASHER, FLAT, 5/16 ID	1
21	21760	WASHER, FLAT, PLASTIC, 0.315 ID X 1/2 OD	1
22	22640	COTTER PIN	1

# ELECTRICAL ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1	44974	ELECTRICAL UNIT ASS'Y, (AUTO DROP)	1
2	52073	CLAMP	1
3	20022	HEX HD BOLT, ¼-20UNC X	1
4	30910	HEIGHT CONTROL PEDAL	1
5A	35377	FUSE HOLDER, 110V	1
5B	36378	FUSE HOLDER, 220V	1
6	45199	POWER CORD	1
7	22320	PAN HD MACHINE SCREW, #10-24 UNC X 1.00	4
8	699195	COVER	1
9	21995	PAN HD MACHINE SCREW, #10-24UNC X ½	3
10	21071	TEE NUT, #10-24UNC	1
11	38040	LIMIT SWITCH	1
12	44096	TAPE SWITCH ASS'Y – 12"	1
13	21972	FLAT HEAD SCREW, # 6-32 UNC X 1/4	2
14	21980	FLAT HEAD SCREW, # 6-32 UNC X 1/2	2
15	58618	ADAPTER PLATE, 1/8 X 2 X 3 9/16	1
16	44217	POWER ENTRY / 110 & 220 V	1
17	37186	POWER ENTRY 100V	1
18	50720	SPACER, 3/8 ID X 1/2	4
19	45202	CABLE ASSEMBLY	2
20	44029	CONTROL BOX	1

# AAD PELVIC ELECTRICAL ASSEMBLY

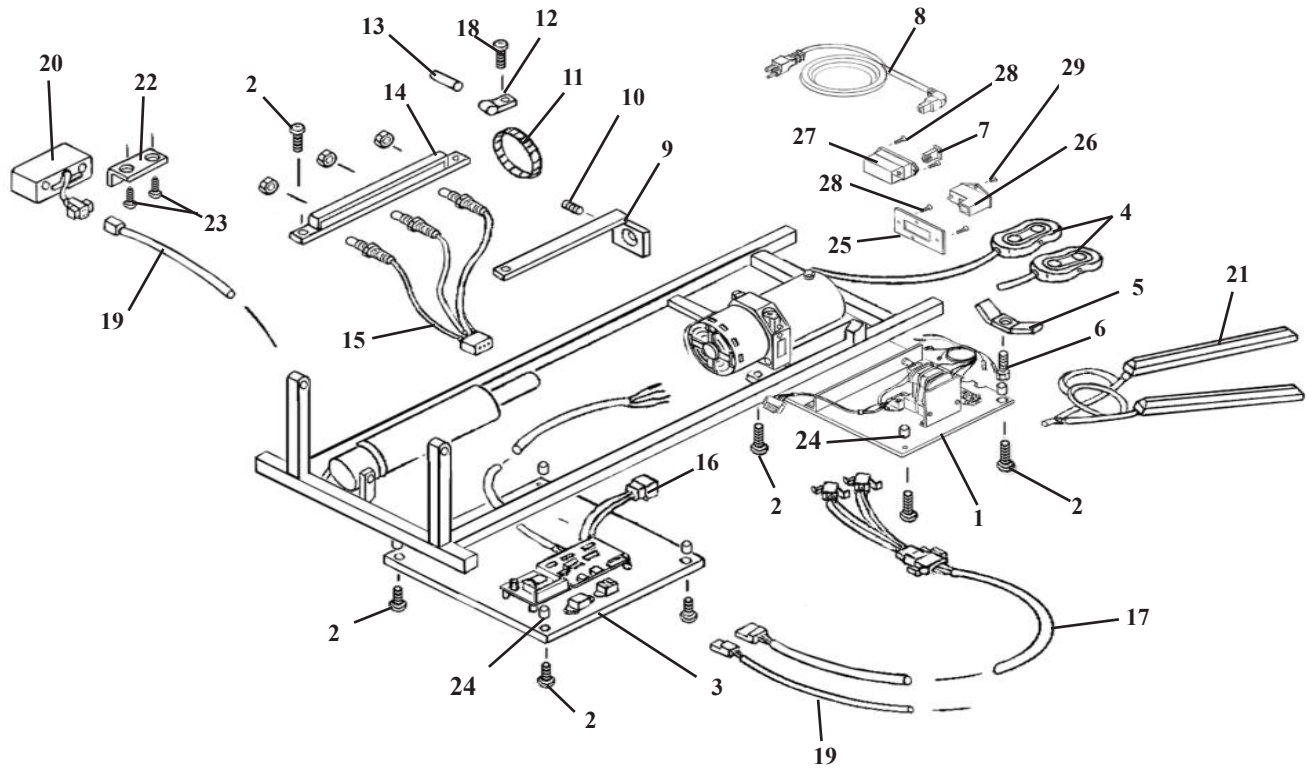


ITEM	PART NO.	DESCRIPTION	QTY.
1	44310	CONTROL SWITCH ASS'Y	1
2	44311	POWER CABLE ASS'Y, DIRECTIONAL VALVE	1
3	21967	PAN HD MACHINE SCREW, #4-40 UNC X 5/8	4
4	44314	SWITCH CABLE ASS'Y, EXT. / RET.	1
5	44002	BOX ASS'Y	1
6	45053	CIRCUIT BOARD ASS'Y	1
7	44948	CONTROL PANEL ASS'Y	1
8	21964	PAN HD. MACHINE SCREW, #4-40 UNC X 3/8	4
9	44315	CONNECTING CABLE ASS'Y,	1



# ELECTRICAL ASSEMBLY

## EHA & AUTO DROPS

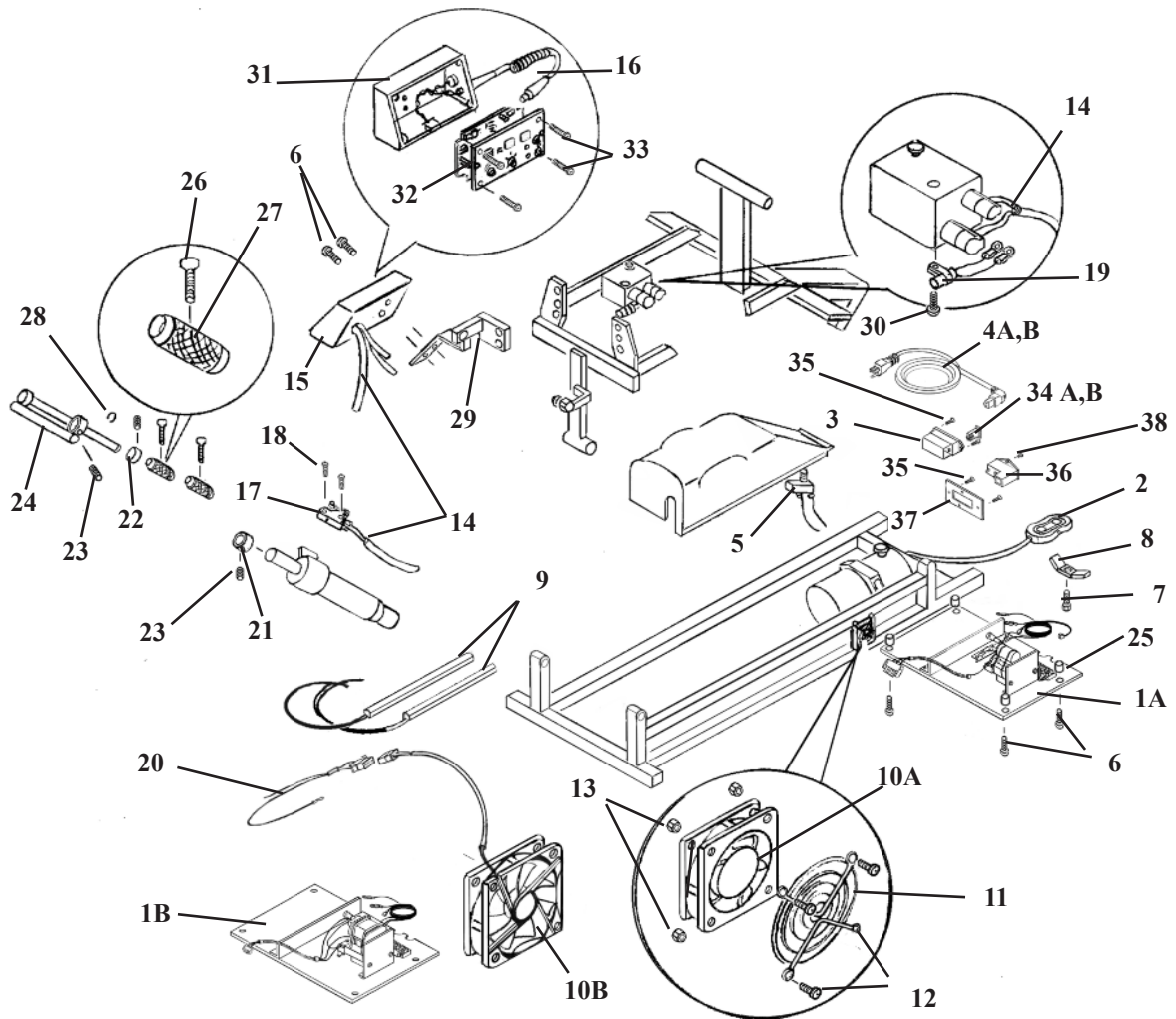


ITEM	PART NO.	DESCRIPTION	QTY.
1	44974	ELECTRICAL UNIT ASS'Y, w/ EHA & AUTO DROPS	1
2	22320	MACHINE SCREW, RD. HD. #10-24 UNC X 1	9
3	44977	EHA DRIVER BOARD ASS'Y, w/ AUTO DROPS	1
4	44081	PEDAL ASS'Y, DIRECTIONAL CONTROL	2
5	52073	CLAMP, WIRE HARNESS	5
6	20022	HEX HD. BOLT, ¼-20UNC X 1	1
7A	36377	FUSE HOLDER. 110V	1
7B	36378	FUSE HOLDER 220V	1
8A	36172	POWER CORD 110V	1
8B	36173	POWER CORD 220V	1
9A	54263	GUIDE COLLAR ASS'Y, ASTRO ELEVATION	1
9B	54267	GUIDE COLLAR ASS'Y, 402 ELEVATION	1
10	22120	SET SCREW, ¼-20UNC X ½	1
11	24280	ADJUSTABLE CABLE, 2 ½"	1
12	35920	HOSE CLAMP ¼"	1
13	24252	MAGNET	1
14	54259	RAIL ASSEMBLY	1
15	45067	WIRE ASSEMBLY, SENSOR	1
16	45200	CABLE ASSEMBLY, BOARD - SENSOR	1
17	45201	CABLE ASSEMBLY, BOARD - PEDAL	1
18	21982	MACHINE SCREW, PAN HD, #8-32 UNF X 1/2	12
19	45100	WIRE ASSEMBLY, BOARD - CONRTOL BOX	1
20	44027	EHA CONTROL BOX	1
21	44096	TAPE SWITCH ASS'Y (PAIR)	1
22	54200	SUPPORT BRACKET	1
23	22461	PAN HD. SCREW, #10 X 5/8	2
24	50720	SPACER 3/8 ID X 1/2 OD X 1/2	8
25	58618	ADAPTER PLATE, 1/8 X 2 X 3 9/16 (100V only)	1
26	44217	POWER ENTRY, 110 & 220 V	1
27	37186	POWER ENTRY, 100 V	1
28	21980	FLAT HEAD SCREW, #6-32 UNC X 1/2	2
29	21972	FLAT HEAD SCREW, #6-32 UNC X 1/4	2



# ELECTRICAL ASS'Y

## 402 AUTO-FLEXION



Electrical Assembly for 100V, 110 V and 220V

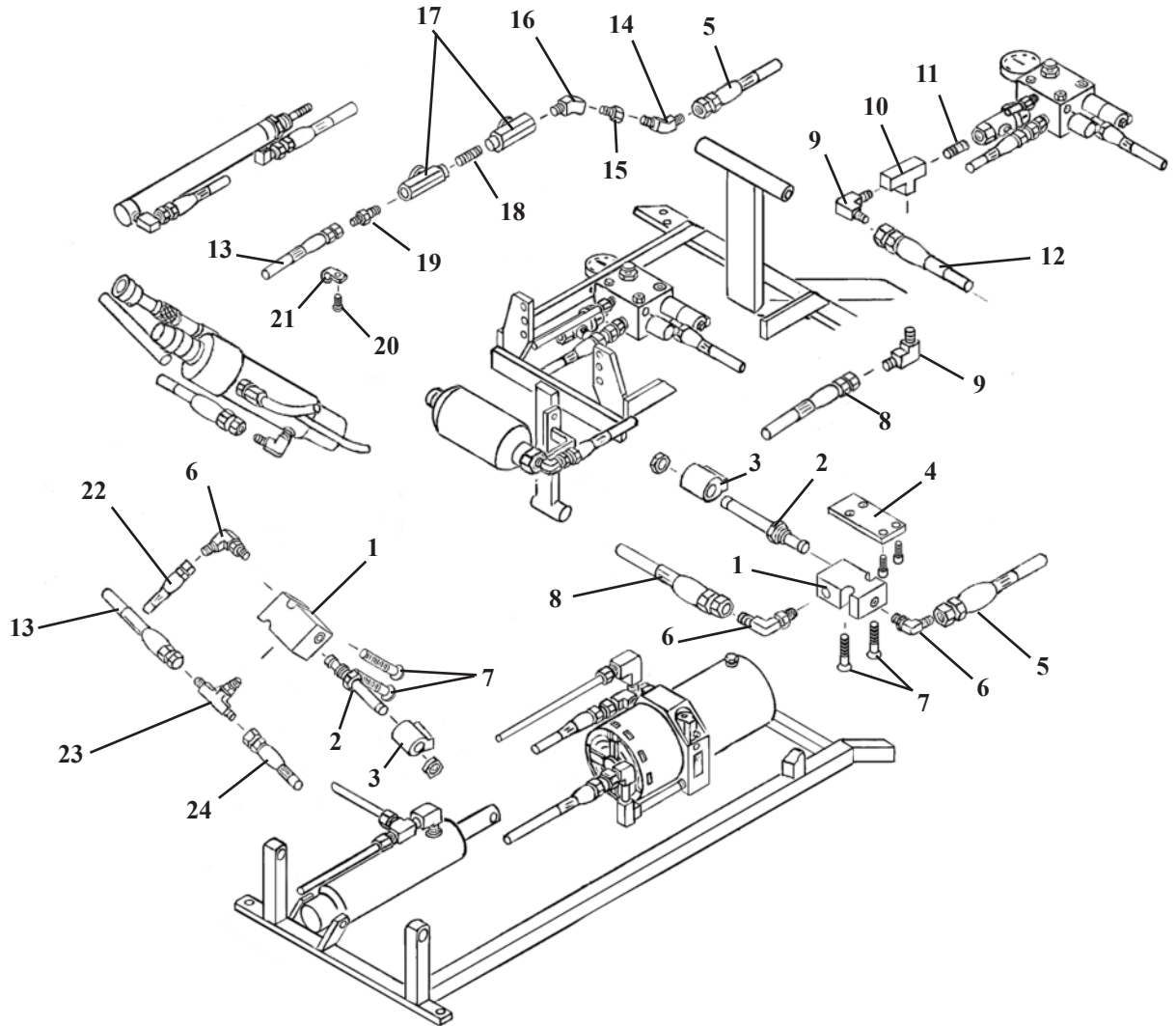
ITEM	VOLTAGE USE
1A	110 V
1B	100 V
3	110V & 220V
4 A	110 V
4 B	220 V
10A	110V
10B	100V
34 A	110 V
34 B	220 V
36	100 V

# ELECTRICAL ASS'Y

## 402 AUTO-FLEXION

ITEM	PART NO.	DESCRIPTION	QTY.
1A	44976	ELECTRICAL UNIT ASS'Y 110V	1
1B	44974	ELECTRICAL UNIT ASS'Y 100V	1
2	30910	DIRECTIONAL CONTROL SWITCH	1
3	35216	POWER ENTRY, 110V, & 220V	1
4A	36172	POWER CORD, 110V	1
4B	36173	POWER CORD, 220V	1
5	38040	SEQUENCE LIMIT SWITCH	1
6	22320	PAN HD SCREW, #10-24UNC X 1	6
7	20010	HEX HD BOLT, 1/4-20UNC X 3/4	1
8	52073	CLAMP, WIRE HARNESS	1
9	44096	SWITCH TAPE ASS'	1
10A	24423	BOX FAN, 110V TABLE	1
10B	43991	BOX FAN, 100 V TALBES	1
11	24424	GUARD, BOX FAN	1
12	21989	PAN HD MACHINE SCREW, #8-32UNC X 5/8	3
13	21420	HEX NUT, #8-32UNC	3
14	45204	CABLE ASS'Y, CONTROL BOX	1
15	44005	CONTROL BOX ASS'Y	1
16	44080	FLEXION STOP SWITCH ASS'Y	11
17	38191	TILT LIMIT SWITCH	1
18	21967	PAN HD. MACHINE SCREW, #4-40UNC X 5/8	2
19	44064	DIODE ASS'Y	1
20	44232	CABLE ASS'Y 110V	1
21	22913	STOP COLLAR, 1/2"	1
22	22912	STOP COLLAR, 3/8"	1
23	22109	SET SCREW, 1/4-20UNC X 1/4	1
24	56431	CYLINDER GUIDE BRACKET ASS'Y	1
25	50720	SPACER, 3/8 ID X 1/2 OD X 1/2	4
26	22087	THUMB SCREW, #6-32UNC X 1/2	2
27	30461	ADJUSTMENT KNOB	2
28	24042	SNAP RING	1
29	56435	HANGER BRACKET ASS'Y	1
30	21975	PAN HD MACHINE SCREW, #6-32UNC X 1/2	2
31	44016	CONTROL BOX W/ WIRE ASS'Y	1
32	44004	CONTROL PANEL ASS'Y	1
33	21984	PAN HD MACHINE SCREW, M3 X 8MM	4
34A	36377	FUSE HOLDER, 110V	1
34B	36378	FUSE HOLDER, 220V	1
35	21980	FLAT HEAD SCREW, #6-32unc x 1/2	2
36	37186	POWER ENTRY, 100V	1
37	58618	ADAPTER PLATE, 1/8 X 2 X 3 9/16/ 100V	1
38	21972	FLAT HEAD SCREW, #6-32UNC X 1/4	2

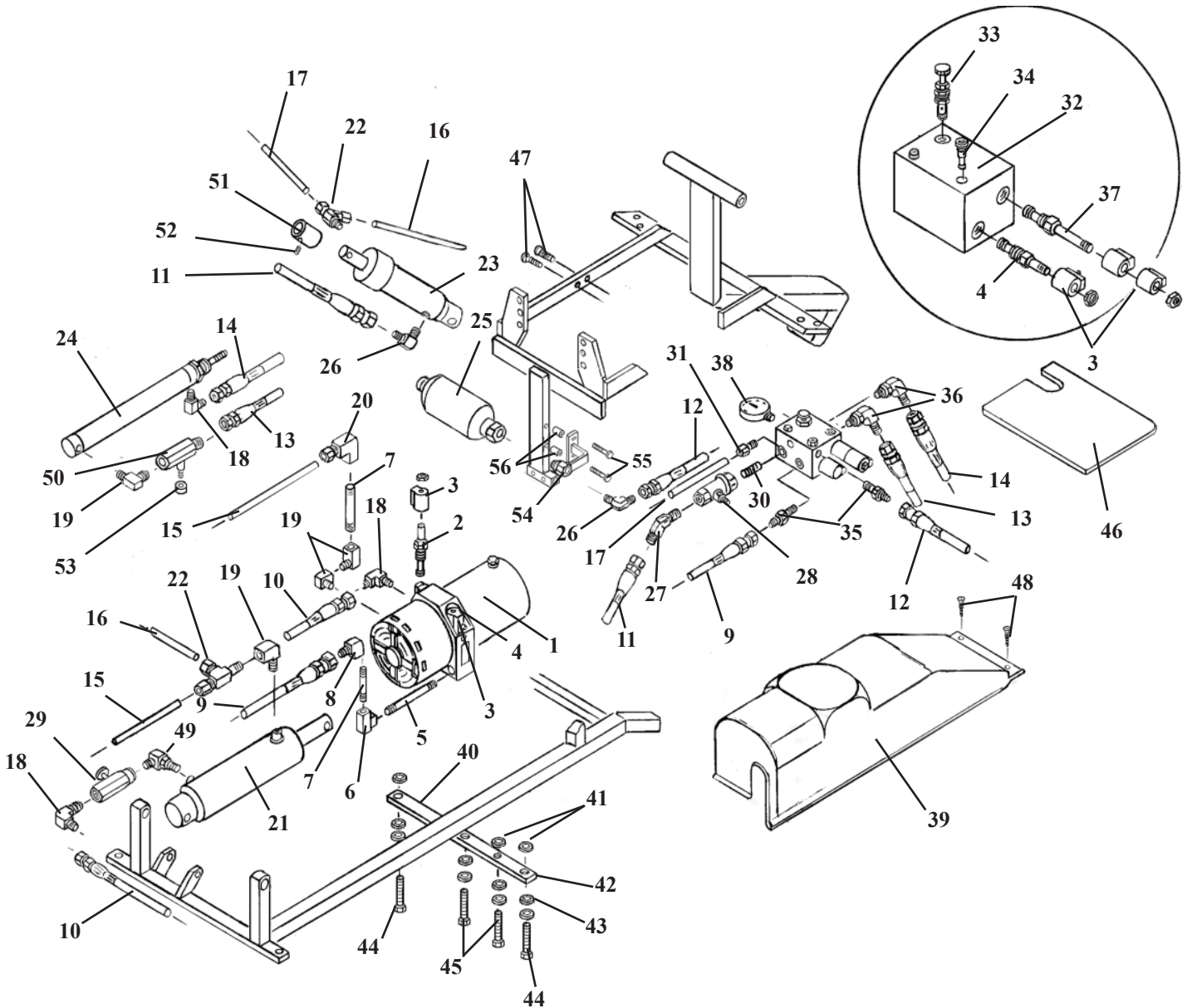
# AUTO FLEXION HYDRAULICS



# AUTO FLEXION HYDRAULICS

ITEM	PART NO.	DESCRIPTION	QTY.
1	23544	BLOCK, MANIFOLD, 2-WAY	2
2	23571	VALVE, DOUBLE POPPET	2
3	36012	COIL, SOLENOID, 24 VOLT	2
4	56434	PLATE, VALVE 1/8x 2 x 3	1
5	45270	HOSE, HYDRAULIC, 3/16 X 17 (Block – Dir. Valve)	1
6	23155	FITTING, 90 deg. Morb #4 – ¼ JIC	3
7	22036	SOCKET HD MACHINE SCREW, ¼-20UNC X 1 ¾	4
8	45212	HOSE, HYDRAULIC, 3/16 X 9 (Block – Block Tee)	1
9	23150	FITTING, 90 deg. ¼ - JIC	2
10	23250	FITTING, TEE, ¼” FEMALE	1
11	23350	PIPE NIPPLE, ¼” CLOSE	1
12	45490	HOSE, HYDRAULIC, ¼ X 20 ½ (Block – Flexion Cyl.)	1
13	45295	HOSE, HYDRAULIC, 3/16 X 25 (Block Tee – Dir. Valve)	1
14	23090	FITTING, 45 deg. 1/8 – JIC	1
15	23030	COUPLER, MALE, 1/8”	1
16	23095	FITTING, 45 deg. 1/8 MALE – FEMALE	1
17	23577	VALVE, DIRECTIONAL FLOW	2
18	23310	PIPE NIPPLE, 1/8 CLOSE	1
19	23040	COUPLER, MALE, 1/8 JIC	1
20	21995	MACHINE SCREW, PAN HD. #10-24unc x ½	1
21	24279	P-CLAMP,	1
22	45240	HOSE, HYDRAULIC, 3/16 X 13 (Elev. Block-Elev. Cyl.)	1
23	23212	FITTING, TEE, JIC- #4 sae	1
24	45300	HOSE, HYDRAULIC, 3/16 X 31 (Block Tee – Motor)	1

# HYDRAULICS ASSEMBLY



## HYDRAULIC ASSEMBLY KITS

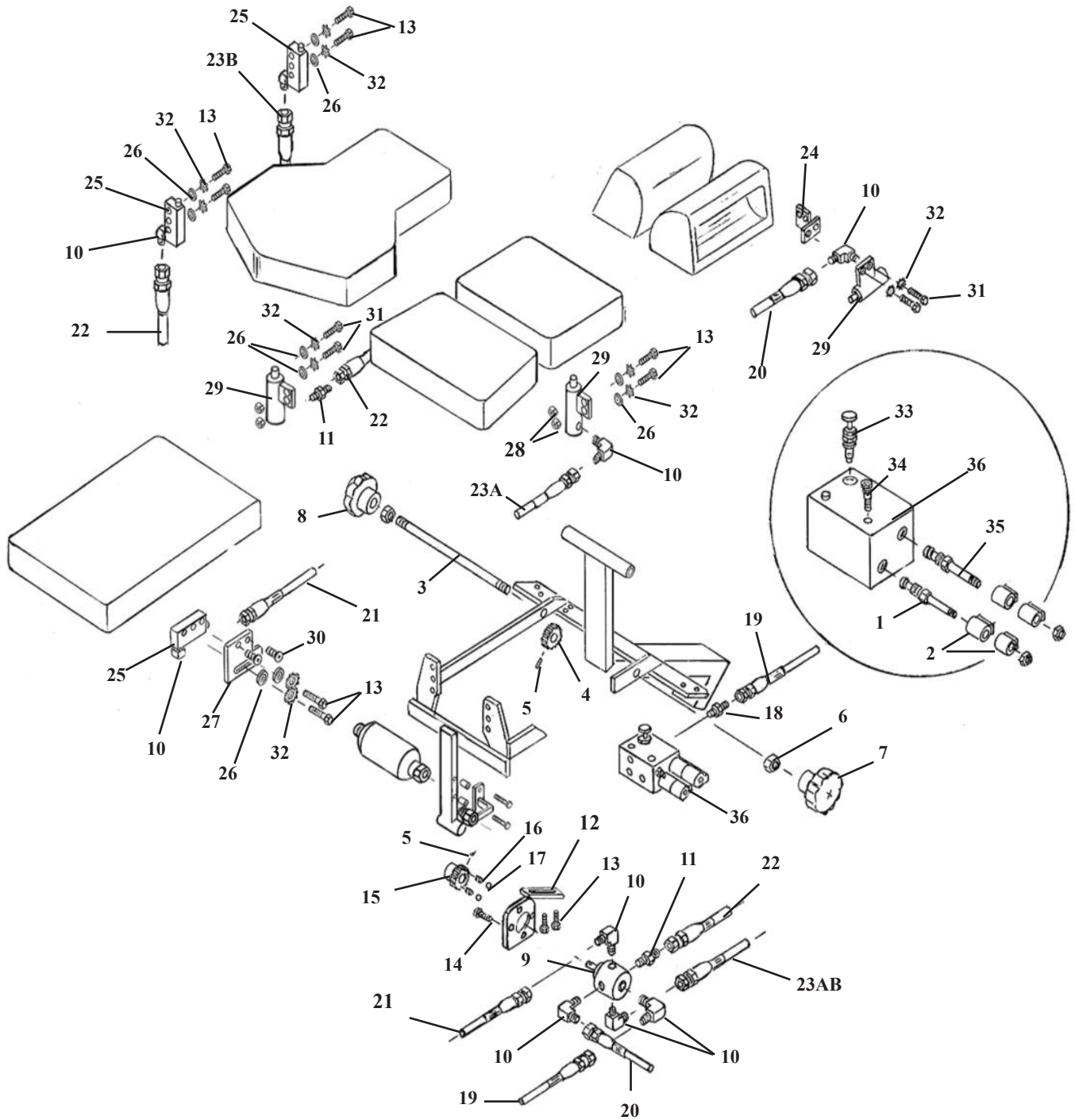
ITEM	PART NO.	DESCRIPTION
21	624735	ELEVATION CYLINDER KIT
23	624920	FLEXION CYLINDER KIT
24	624912	EXT. / RECT. CYLINDER KIT
32	56975	MANFOLD ASS'Y

# HYDRAULICS ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	30495	Pump and Motor	1
2	23568	Valve, Normally Closed	1
3	36005	Coil, Solenoid, 24 v w/diod	5
4	23518	Valve, 4-Way, 2-Position w/Cross-Over Center	2
5	23336	Nipple, Pipe, 1/8 X 5	1
6	23132	Fitting, 90 Degree, Female - Female	1
7	23326	Nipple, 1/8 X 2 1/2	2
8	23112	Fitting, 90 Degree, 1/8 Female to J.I.C.	2
9	45352	Hose, Hydraulic, 3/16 X 46 1/2	1
10	45320	Hose, Hydraulic, 3/16 X 38 1/2	1
11	45490	Hose, Hydraulic, 1/4 X 21	1
12	45484	Hose, Hydraulic, 1/4 X 14	1
13	45353	Hose, Hydraulic, 3/16 X 48 1/2	1
14	45330	Hose, Hydraulic, 3/16 X 41 1/2	1
15	23640	Hose, Legris, 1/4 X 49	1
16	23637	Hose, Legris, 1/4 X 36	1
17	23630	Hose, Legris, 1/4 X 21 1/2	1
18	23110	Fitting, 90 Degree, 1/8 Male to J.I.C.	4
19	23130	Fitting, 90 Degree, 1/8 Male - Female	3
20	23133	Fitting, 90 Degree, 1/8 Male - 1/4 Compresson	1
21	56958	Cylinder, Elevation	1
22	23209	Fitting, Tee, Male Run Comp, 1/4 Tube to 1/8 Pipe	2
23	56957	Cylinder, Flexion	1
24	30286	Cylinder, Pelvic Rect./Ext.	1
25	23459	Accumulator, Black	1
26	23150	Fitting, 90 Degree, 1/4 to J.I.C.	2
27	23100	Fitting, 45 Degree, 1/4 to J.I.C.	1
28	23560	Valve, Ball	1
29	23577	Flow Valve	1
30	23350	Nipple, Pipe, 1/4 Close	1
31	23032	Coupler, Male Comp, 1/8 to 1/4	1
32	23549	Block, Manifold, 402 Flexion	1
33	23583	Valve, Needle	1
34	23538	Valve, Check, # 4	1
35	23044	Coupler, Male Connector, Morb #4 to J.I.C.	3
36	23155	Fitting, 90 Degree, Morb #4 to J.I.C.	2
37	23524	Valve, 4 - Way	1
38	24480	Gauge, Pressure	1
39	699195	Cover, Motor	1
40	54168	Bar, Motor Mount, 3/16 X 1 1/2 X 11 11/16	1
41	22895	Bushing, Ribbed, 0.258 ID X 0.813 OD	4
42	24035	Ring, Ribbed, 0.258 ID X 0.813 OD	4
43	21640	Washer, 9/32 ID X 1 OD - Fender	4
44	20123	Bolt, Hex Head, 1/4 - 28 NF X 1 1/4	2
45	20020	Bolt, Hex Head, 1/4 - 20 NC X 1	2
46	699194	Cover, Accumulator	1
47	22030	Screw, Machine, Flat Head, 1/4 - 20 NC X 1	2
48	21995	Screw, Pan Hd. Screw, #10-24 unc x 1/2	2
49	23127	Fitting, 90 Degree - 1/8 pipe	1
50	23580	Control Valve	1
51	58202	Collar, Cylinder, 1/2 ID X 1 OD X 1.343	1
52	22110	Set Screw, 1/4 - 20 UNC X 1/4	1
53	24179	Knob, Control Valve	1
54	54351	Hanger Bracket Ass'y	1
55	20027	Hex. Head Bolt, 1/4-20 unc x 1 1/2	2
56	52191	Spacer, 9/16 od. x 1/4id x 3/4	2

# HYDRAULICS AUTO DROPS

## Full or Split Cushion Style





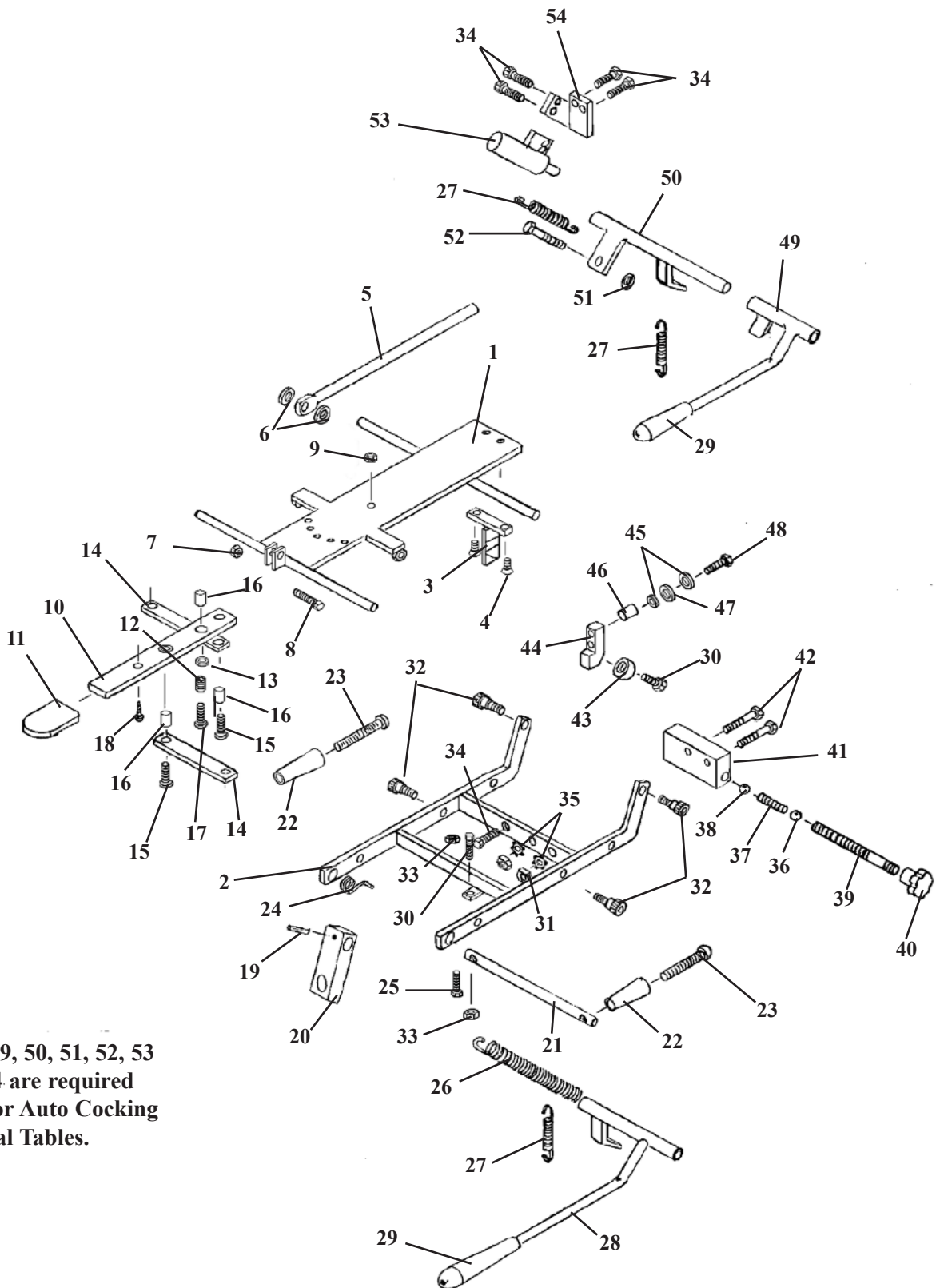
# HYDRAULICS AUTO DROPS

## Full or Split Cushion Style

ITEM	PART NO.	DESCRIPTION	QTY.
1	23516	Valve, 3-Position	1
2	36005	Coil, Solenoid, 24 v w/diod	2
3	56418	Adjustment Rod, 3/8 X 11 3/4	1
4	30310	Gear, Plastic, 3/8 ID X 1 1/2 OD X 5/8, 48-Tooth	1
5	22670	Roll Pin, 1/8 X 3/4	2
6	21210	Nut, Hex, 3/8 – 16 UNC	2
7	30000	Knob, Selector, RH, Auto-Drop	1
8	30001	Knob, Selector, LH, Auto-Drop	1
9	31010	Valve, Selector	1
10	23110	Fitting, 90 Deg, 1/8 Male to J.I.C.	6
11	23040	Coupler, 1/8 Male to J.I.C.	4
12	58496	Bracket Assembly, Selector Valve	1
13	20112	Bolt, Hex Head, 1/4 - 28 UNF X 5/8	6
14	20000	Bolt, Hex Head, #10 – 32 UNF X 1/2	4
15	30309	Gear, Plastic, 3/8 ID X 1 1/2 OD X 1, 48-Tooth	1
16	30717	Spring, Compression, 3/16 ID X 1/4 OD X 7/8	2
17	22701	Ball, Steel, 1/4"	2
18	23044	Coupler, Male Connector, #4 to 1/4 J.I.C.	1
19	45210	Hose, Hydraulic, 3/16 X 7 3/4 Power	1
20	45294	Hose, Hydraulic, 3/16 X 25 1/2 Head	1
21	45350	Hose, Hydraulic, 3/16 X 45 Plevic	1
22	45298	Hose, Hydraulic, 3/16 x 29 Lumbar	1
23A	45296	Hose, Hydraulic, 3/16 X 27 Dorsal	1
23B	45298	Hose, Hyeraulic, 3/16 x 29 Lumbar / full chest	1
24	57194	Mounting Bracket	1
25	30530	5/8 Ret. Cocking Cylinder	3
26	21620	Flat Washer 1/4 ID	8
27	58595	Mounting Plate	1
28	21020	Nut, Hex, 1/4 - 28 UNF (Non- breakaway chest)	2
29	30535	3/4" Rd. Cocking Cylinder	3
30	22013	Button Hd. 1/4-20unc x 1/2	2
31	20007	Bolt, Hex Head, 1/4 - 20 UNC X 5/8	4
32	21630	Washer, Star, 0.26 ID X 0.49 OD	8
33	23583	Needle Valve	1
34	23538	Check Valve, #4	1
35	23524	Valve, 4 – Way	1
36	23549	Manifold Block	1



# STRAIGHT DROP HEAD ASSEMBLY

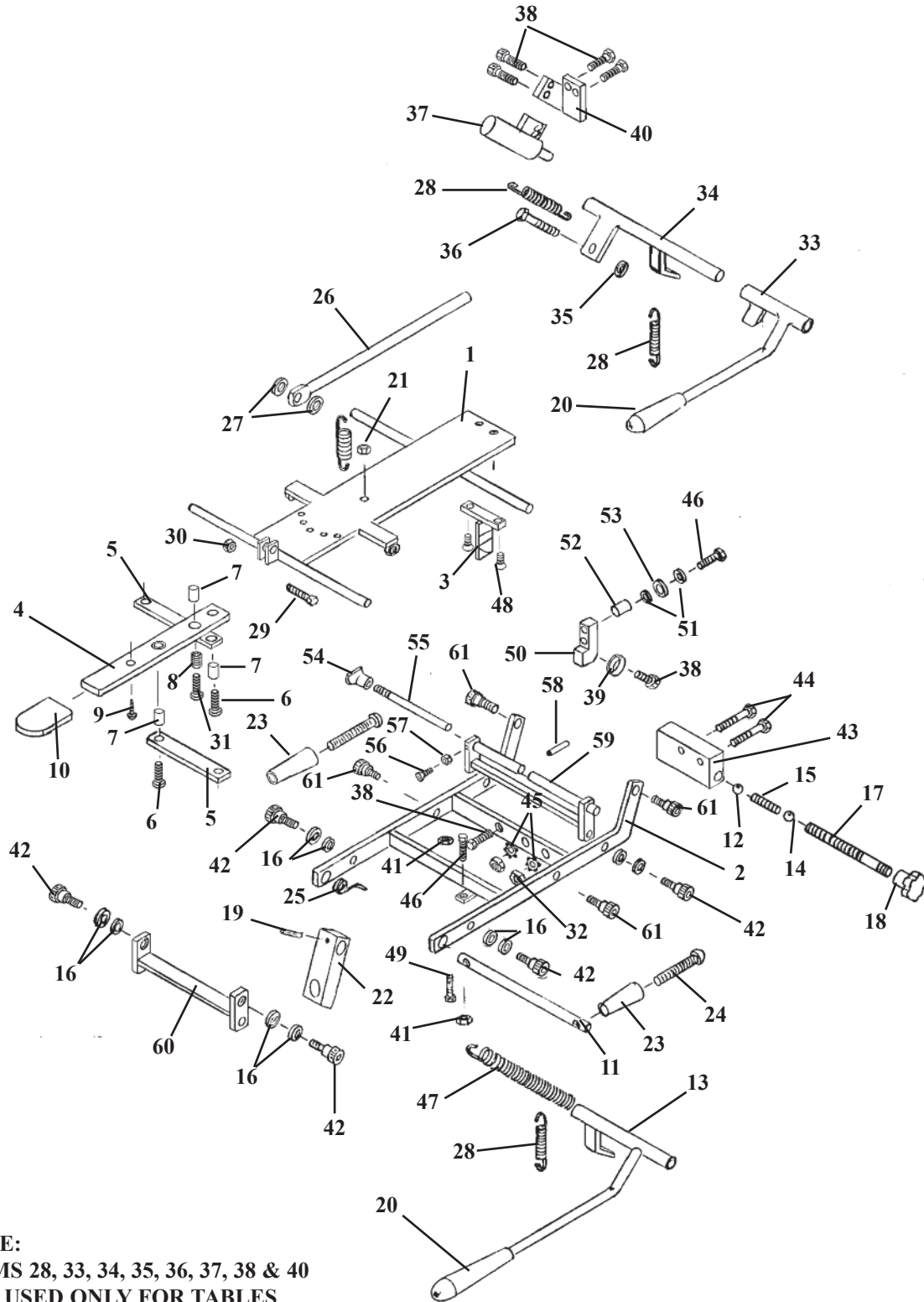


Items 49, 50, 51, 52, 53  
and 54 are required  
only for Auto Cocking  
Cervical Tables.

# STRAIGHT DROP HEAD ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	56011	FASTENER PLATE ASS'Y, '89 STRAIGHT DROP HD	1
2	57201	OUTSIDE DROP FRAME ASS'Y, '89 FM HEAD	1
3	55850	TEE WEDGE ASSEMBLY	1
4	22017	SCREW, MACHINE, FLAT HEAD, ¼ - 20 UNC X ½	2
5	55929	CENTER ROD ASSEMBLY	1
6	21616	WASHER, PLASTIC, ¼ ID X ¾ OD	2
7	21020	NUT, HEX, ¼ - 28 UNF	1
8	20115	BOLT, HEX HEAD, ¼ - 28 UNF X ¾	1
9	21450	NUT, HEX, # 10 - 24 UNC	1
10	57221	ADJUSTMENT ARM, 1/8 X 7/8 X 8	1
11	24236	GUARD, TEE HANDLE	1
12	30722	SPRING, COMPRESSION, 0.235 ID X 5/16 OD X ½	1
13	21610	WASHER, PLASTIC, 0.26 ID X ½ OD	2
14	57175	LINKAGE BAR, 1/8 X ½ X 3 13/16	2
15	21995	SCREW, MACHINE, PAN HEAD, # 10 - 24 UNC X ½	2
16	22860	BUSHING, 0.465 ID X 9/16 OD X 19/32	3
17	22003	SCREW, MACHINE, PAN HEAD, # 10 - 24 UNC X ¾	1
18	22300	SCREW, MACHINE, # 8 - 32 UNC X ¼	1
19	22660	ROLL PIN, 1/8 X 5/8	1
20	54107	BLOCK, ADJUSTING, '89 HEAD, 5/8 X 1 X 2 15/16	1
21	57205	ROD, TILT HANDLE, 3/8 RD X 5 ½	1
22	24020	HANDLE	2
23	22050	SCREW, MACHINE, RD HEAD, ¼ - 20 - UNC X 2 ½	2
24	30871	SPRING, TORSION	1
25	20024	BOLT, SOCKET HEAD, ¼ - 20 UNC X 1 ¼	1
26	30785	SPRING, TENSION (HYLO TABLES)	1
27	30725	SPRING, EXTENSION, ¼ ID X 5/16 X 1	1
28	56067	COCKING HANDLE ASS'Y, F/M '89 HEAD	1
29	24010	HANDLE GRIP	1
30	20020	BOLT, HEX HEAD, ¼ - 20 UNC X 1 ¼	2
31	21112	NUT, HEX, 5/16 X 18 UNC	2
32	20197	BOLT, SOCKET HEAD, 5/16 - 18 UNC, SHOULDER, 3/8 X 3/8	4
33	21012	NUT, JAM, ¼ - 20 UNC2	2
34	20007	BOLT, HEX HEAD, ¼ - 20 UNC X 5/8	6
35	21755	WASHER, STAR, 5/16 ID	2
36	22701	BALL, STEEL, ¼ RD	1
37	30721	SPRING, COMPRESSION, 0.175 ID X 23/64 OD X 1 1/8	1
38	22700	BALL, BEARING, 3/8 RD	1
39	57184	STUD, TENSION ADJUSTMENT, 5/16 RD X 2 ¼	1
40	24150	KNOB, TENSION ADJUSTMENT	1
41	55849	BLOCK, DROP, 1 X 1 7/16 X 2 3/32	1
42	20235	BOLT, HEX HEAD, 5/16 - 18 UNC X 1 ¾	2
43	22805	BALL, BEARING, ¼ ID	1
44	57102	BLOCK, BACKER BEARING, STRAIGHT DROP, ¾ X 9/16 X 1 ¼	1
45	21620	WASHER, FLAT, ¼ ID X 9/16 OD X 3/16	2
46	50720	SPACER, 3/8 ID X ½ OD X ½	1
47	21710	WASHER, FLAT, 5/16 ID X 0.688 OD	1
48	20022	BOLT, HEX HEAD, ¼ - 20 UNC X 1	1
49	56069	COCKING HANDLE ASS'Y, F/M '89 HEAD (AUTO DROP)	1
50	57140	COCKING LEVER ASS'Y, F/M '89 HEAD (AUTO DROP)	1
51	21210	NUT, HEX, 3/8 - 16 UNC (AUTO DROP)	1
52	20320	BOLT, HEX HEAD, 3/8 - 16 UNC X ¾ (AUTO DROP)	1
53	625020	COCKING CYLINDER, ¾ RD w/FITTINGS (AUTO DROP)	1
54	57194	BRACKET, CYLINDER ADAPTER (AUTO DROP)	1

# FORWARD MOTION HEAD FRAME

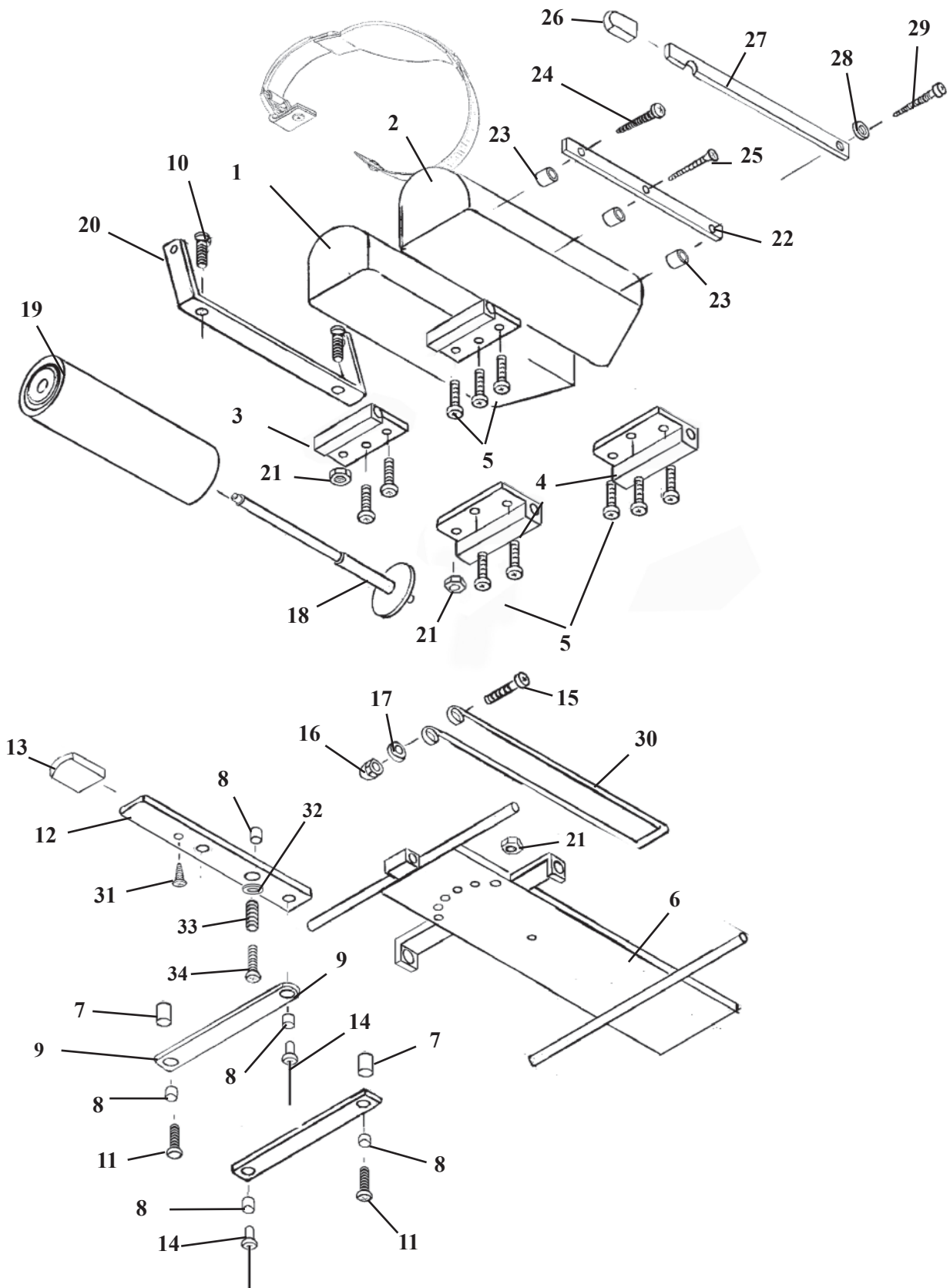


**NOTE:**  
ITEMS 28, 33, 34, 35, 36, 37, 38 & 40  
ARE USED ONLY FOR TABLES  
WITH  
AUTO COCKING CERVICAL.

# FORWARD MOTION HEAD FRAME

ITEM	PART NO.	DESCRIPTION	QTY
1	56059	FASTNER FRAME ASS'Y	1
2	57201	OUTSIDE HEAD FRAME ASS'Y	1
3	55850	TEE WEDGE	1
4	57221	ADJUSTMENT ARM, HEAD CUSHION	1
5	57175	LINKAGE BAR, 1/8 X 1/2 X 3 9/16	2
6	21995	PAN HD. MACHINE SCREW, #10-24 NC X 1/2	2
7	22860	BUSHING, 3/16 ID X 1/4 OD	3
8	30722	COMPRESSION SPRING, 1/4 ID X 5/16 OD	1
9	22300	MACHINE SCREW, #8-32 NC X 1/4	1
10	24236	PLASTIC CAP	1
11	57205	SUPPORT ROD, 3/8 RD. X 6 1/16	1
12	22700	BALL, STEEL, 3/8 DIA	1
13	56067	COCKING LEVER ASS'Y	1
14	22701	BALL, BEARING, 1/4 DIA	1
15	30710	COMPRESSION SPRING, 9/64 ID X 1/4 OD	1
16	21760	PLASTIC WASHER, 5/16 ID X 1/2 OD	12
17	57184	TENSION ADJUSTMENT SCREW, 5/16 RD. X 2 3/4	1
18	24150	KNOB, TENSION ADJUSTMENT	1
19	22660	ROLL PIN, 1/8 X 5/8	1
20	24010	COCKING HANDLE	1
21	21450	HEX NUT, #10-24 NC	1
22	54107	ADJUSTING BLOCK, 5/8 X 1.00 X 2 15/16	1
23	24020	ADJUSTMENT HANDLE	2
24	22050	MACHINE SCREW, RD. HD., 1/4-20 NC X 2 1/2	2
25	30871	TORSION SPRING	1
26	55929	CENTER BAR,	1
27	21616	WASHER, FLAT, PLASTIC, 1/4 ID X 3/4 OD	2
28	30725	RETURN SPRING	2
29	20115	HEX.HD BOLT, 1/4-28 NF X 3/4	1
30	21020	NUT, HEX, 1/4-28 NF	1
31	22003	PAN HD. SCREW, #10-24 UNC X 3/4	1
32	21112	HEX.NUT, 5/16-18 UNC	2
33	56069	COCKING HANDLE ASS'Y (AUTO DROPS)	1
34	57140	COCKING LEVER ASS'Y (AUTO DROPS)	1
35	21210	HEX.NUT, 3/8-16 NC (AUTO DROPS)	1
36	20320	HEX.BOLT, 3/8-16 NC X 3/4 (AUTO DROPS)	1
37	625020	COCKING CYLINDER, 3/4 (AUTO DROPS)	1
38	20007	HEX.HD.BOLT, 1/4-20 NC X 5/8 (AUTO DROPS)	6
39	22805	BEARING	1
40	57194	CYL.MT.BRACKET (AUTO DROPS)	1
41	21012	NUT, JAM, 1/4-20 UNC	2
42	20002	SOCKET HD. BOLT, 1/4-20 NC X 1 1/4	6
43	55849	DROP BLOCK	1
44	20235	HEX.HD.BOLT, 5/16-18 NC X 1 3/4	2
45	21755	WASHER, STAR 5/16ID	2
46	20020	HEX.HEAD BOLT, 1/4-20 NC X 1 1/4-GR 5	3
47	30785	TENSION SPRING (HYLO TABLES ONLY)	1
48	22017	FLAT HD. SCREW, 1/4-20UNC X 3/4	2
49	20024	BOLT, SOCKET HEAD, 1/4 - 20 UNC X 1 1/4	1
50	57103	BLOCK	1
51	21620	FLAT WASHER 1/4ID X 9/16OD	2
52	50720	SPACER	1
53	21810	FLAT WASHER 3/8ID X 13/16OD	1
54	24160	LOCK KNOB	1
55	55932	LOCK ROD	1
56	21981	PLASTIC FLAT HD. SCREW, #8-32 NC X 1/2	1
57	21420	HEX.NUT, #8-32NC	1
58	22657	ROLL PIN 1/8 X 3/8	1
59	56060	STABILIZER BRACE ASS'Y	1
60	57144	FRONT ROCKER FRAME ASS'Y	1
61	20197	SOCKET HD. SHOULDER BOLT, 5/16-18 UNC	4

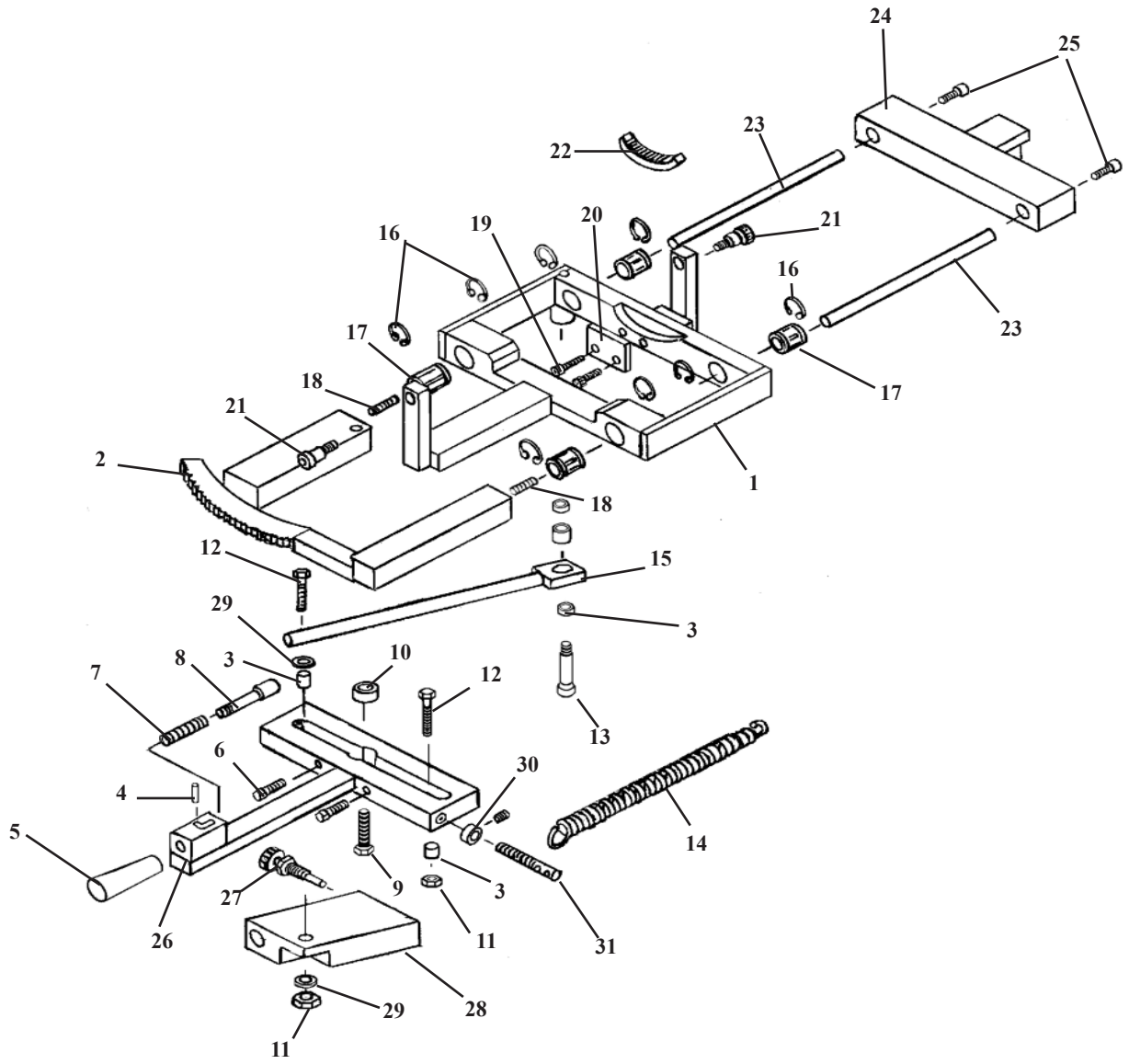
# FLEXION HEAD CUSHION ASSEMBLY (617459)



# FLEXION HEAD CUSHION ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	40980	HEAD CUSHION ASSEMBLY (RH)	1
2	40979	HEAD CUSHION ASSEMBLY (LH)	1
3	57155	GUIDE BRACKET	2
4	57156	GUIDE BRACKET	2
5	22003	SCREW, MACHINE, PAN HEAD, #10 – 24 UNC X ¾	12
6	55825	INSIDE HEAD FRAME	1
7	57174	SPACER FORWARD DROP 3/8 X 1/2 X 5/8	4
8	22860	BUSHING, 3/16 ID X ¼ OD	5
9	57175	LINKAGE BAR	2
10	21995	SCREW, MACHINE, PAN HEAD, #10 – 24 NC X ½	2
11	22009	SCREW, MACHINE, #10 – 24 UNC X 1 1/2	2
12	57188	ADJUSTMENT BAR	1
13	24236	PLASTIC CAP	1
14	22695	RIVET, 3/16 X 3/8	2
15	22009	SCREW, MACHINE, PAN HEAD, #10 – 24 UNC X 1 ½	1
16	21447	NUT, ACORN, #10 – 24 UNC	1
17	21510	WASHER, FLAT, 3/16 ID X ½ OD	2
18A	57956	HANGER ASSEMBLY	1
18B	56430	HANGER ASSEMBLY (TILT TABLES ONLY)	1
19	29999	CREPE HEAD REST PAPER	1
20	55841	BRACKET, PAPER HOLDER, FLEX HEAD	1
21	21450	NUT, HEX, #10 – 24 UNC	3
22	50750	INSIDE CUTTING BAR	1
23	50720	SPACER, PAPER CUTTER, 3/8 ID X ½ OD	3
24	22522	SCREW, WOOD, ROUND HEAD, #9 X 2	1
25	22510	SCREW, WOOD, FLAT HEAD, #9 X 1 ½	1
26	24235	GUARD, CUTTING BAR	1
27	50770	OUTSIDE CUTTING BAR	1
28	21610	WASHER, FLAT, PLASTIC, 0.26 ID X ½ OD	1
29	22550	SCREW, WOOD, ROUND HEAD, #14 X 2	1
30	30700	CENTER PAPER WIRE, FLEXION HEAD, 1/8 X 25	1
31	22300	SCREW, MACHINE, #8 – 32 UNC X ¼	1
32	21510	FLAT WASHER, 3/8 ID X 1/2 OD	1
33	30722	SPRING, COMPRESSION	1
34	22001	SCREW, MACHINE, FLAT HD. #10-24 UNC X 1.00	1

# SLIDE FRAME ASS'Y FLEXION HEAD

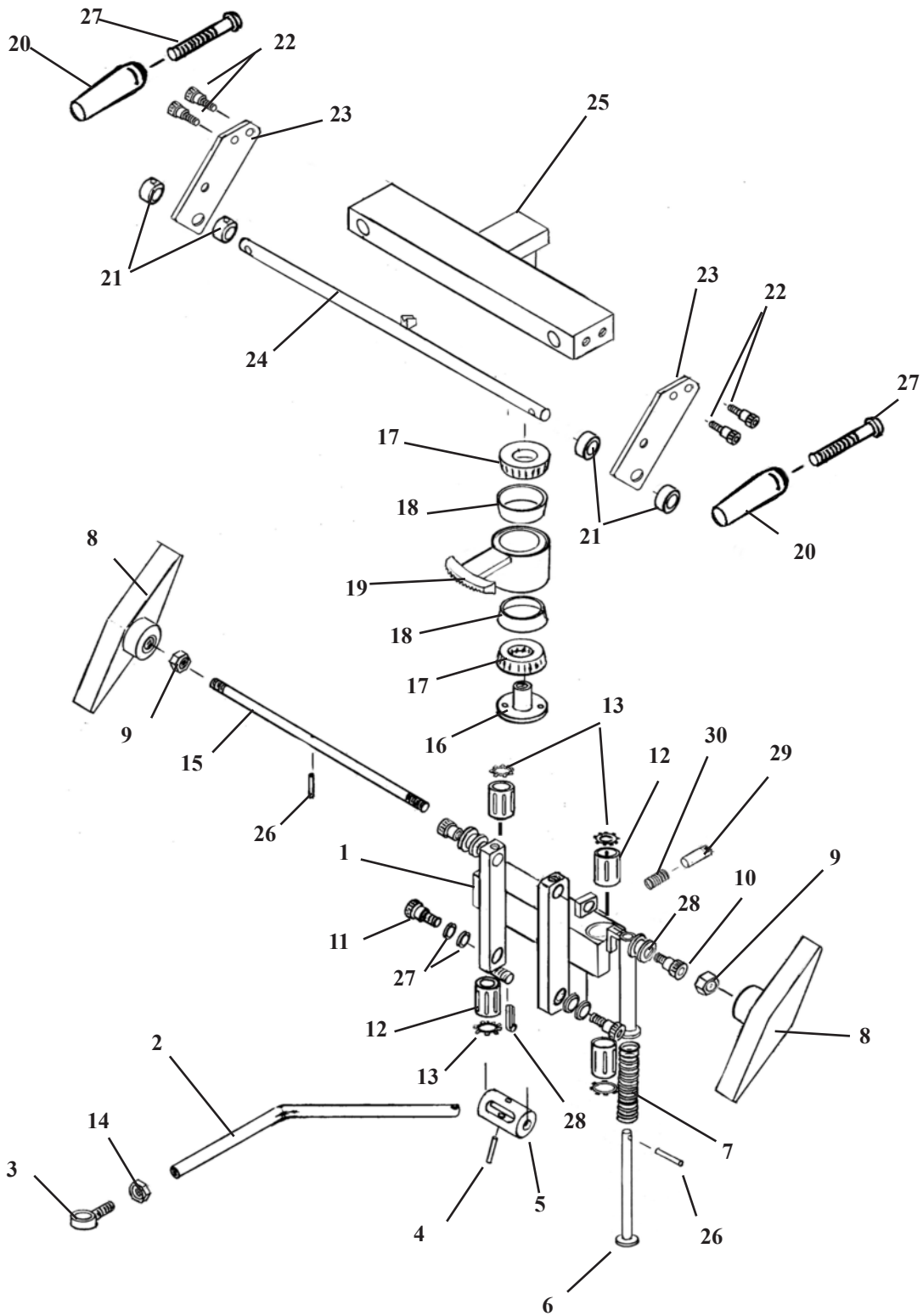


# SLIDE FRAME ASS'Y FLEXION HEAD

ITEM	PART NO.	DESCRIPTION	QTY.
1	55778	SLIDE BRACKET ASS'Y	1
2	55794	LOCK FRAME ASS'Y	1
3	37928	BUSHING, ¼ ID X 5/16 OD	3
4	22657	ROLL PIN 1/8 X 3/8	1
5	24161	LOCK KNOB	1
6	22031	SOCKET HD SCREW, ¼-20 UNC X 1 ¼	2
7	30750	COMPRESSION SPRING	1
8	55762	LOCK PISTON	1
9	20332	HEX. HD. BOLT 3/8-16 UNC X 1	1
10	22810	ROLL BEARING	1
11	21020	HEX. NUT, ¼-28 UNF	2
12	55813	HEX. HD. BOLT ¼-28 UNF X 1 1/4	2
13	20004	SOCKET HD. BOLT, ¼-20 UNC- SHLD 5/16 X 1 1/4	1
14	30777	RETURN SPRING 1/2OD X 3 ½	1
15	55875	LINKAGE BAR	1
16	24287	C-CLIP	8
17	22892	BEARING S6, 3/8ID X 5/8 OD	4
18	55809	STUD, #10-32 UNF X ¾	2
19	22004	SOCKET HD. BOLT, #10-24 UNC X 1	2
20	55957	SUPPORT PLATE	1
21	20199	SOCKET HD. BOLT, 5/16-18 UNC, 3/8 X ½ SHLD.	2
22	56026	RING GEAR	1
23	55763	GUIDE ROD	2
24	55768	SIDE BENDING BLOCK	1
25	21997	SOCKET HD. BOLT, #10-32UNF X ½	2
26	55758	MOTION HANDLE ASS'Y	1
27	20322	KNURLED LOCK BOLT	1
28	55874	LOCK BLOCK	1
29	21620	FLAT WASHER ¼ ID	2
30	22921	COLLAR	1
31	55799	SPRING BOLT, 5/16-18UNC X 2 5/8	1
32	37928	SPACE, 3/8ID X 1/2OD	2
33	50720	BUSHING, .37ID X 1/2OD X ½	1



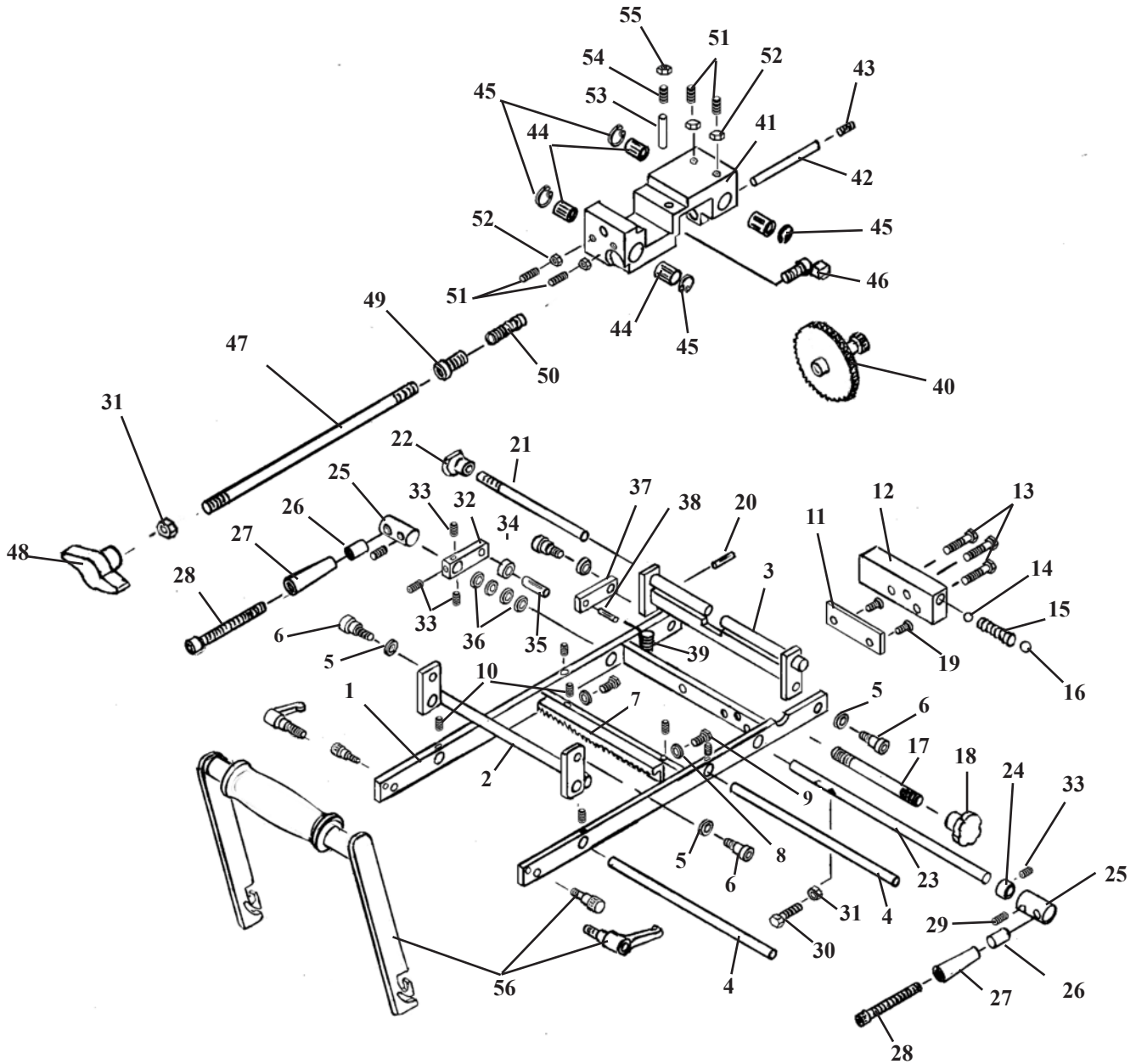
# FLEXION HEAD SHUTTLE ASSEMBLY (617457)



# FLEXION HEAD SHUTTLE ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	55750	SHUTTLE ASS'Y	1
2	55787	LINKAGE ROD	1
3	22740	SWIVAL JOINT END	1
4	22689	SHEAR PROOF PIN, ¼ 1 1/4	1
5	55757	ROTATION CYLINDER	1
6	55959	PLUNGER	1
7	30740	COMPRESSION SPRING	1
8	24186	ADJUSTMENT HANDLE	2
9	21210	HEX NUT, 3/8-16 UNC	2
10	20199	SHOULDER BOLT, 5/16-18 UNC X ½	2
11	20003	SHOULDER BOLT, ¼-20 UNC X ½	2
12	22891	GLIDE BEARING	4
13	24050	SNAP RING	4
14	21020	HEX NUT, ¼-28UNF	1
15	55949	ADJUSTMENT ROD	1
16	55764	LOCK COLLAR	1
17	22835	ROLLER BEARING	2
18	22800	RACE, BEARING	2
19	55889	BEARING HUB	1
20	24022	LOCK HANDLE	2
21	22910	COLLAR	4
22	21997	SOCKET SCREW, #10-32 UNC X ½	4
23	55879	SUPPORT PLATE	2
24	55872	LOCK ROD Ass'y	1
25	55768	ROTATION LOCK	1
26	22675	ROLL PIN	1
27	22038	SOCKET HD. MACHINE SCREW, 1/4-20UNC X 2	2
28	22640	COTTER PIN 3/32 X 1	1
29	56007	LOCK PIN	1
30	30750	COMPRESSION SPRING	1

# ROTATION FRAME ASSEMBLY FLEXION HEAD



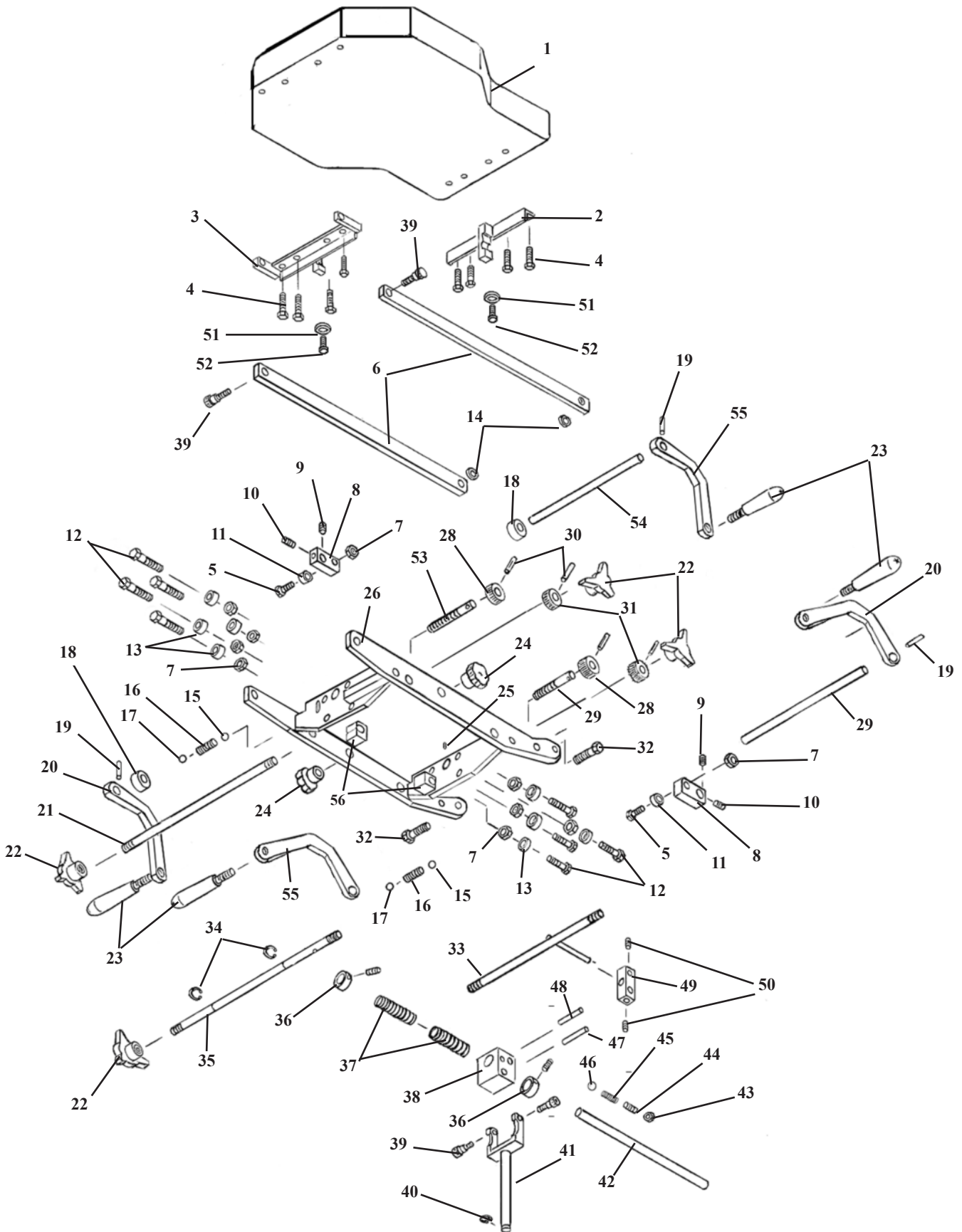
**Item 56 - Flexion Handle Kit #634010**

Part No.	Description	Qty
55838	Handle Tube	1
55836	Side Ass'y (RH)	1
55837	Side Ass'y (LH)	1
24023	Handle Grip	1
24024	Adjustable Thumb Handle	2
20188	Socket Hd. Bolt #10-24	2
22410	Pan Hd. Screw	2
24060	Buckle, Plastic	1
28108	Harness, Hd, Neoprene	1

ITEM	PART NO.	DESCRIPTION	QTY.
1	55777	ROTATION FRAME ASSEMBLY	1
2	55773	PIVOT ARM ASSEMBLY	1
3	55963	STABILIZER BRACKET ASS'Y	1
4	55788	GUIDE ROD, 3/8 RD X 7 5/8	2
5	21610	WASHER, FLAT PLASTIC, 0.26 ID X 1/2 OD	4
6	20002	BOLT, SOCKET HEAD, 1/4 - 20 UNC SHOULDER 5/6 X 3/8	4
7	55984	GEAR RACK ASS'Y,	1
8	21510	WASHER, FLAT, 3/16 ID X 1/2 OD	2
9	20000	BOLT, HEX HEAD, #10 - 32 UNF X 1/2	2
10	22090	SCREW, SET, #10 - 32 UNF X 3/16	6
11	55815	MOUNTING PLATE, 1/4 X 1 X 2 3/8	1
12	55789	BLOCK, DROP, 5/8 X 1 X 2.575	1
13	22001	SCREW, MACHINE, #10 - 24 UNC X 1	3
14	22701	BALL, STEEL, 1/4" DIA	1
15	30721	SPRING, COMPRESSION, 9/64 ID X 1/4 OD X 1 1/4	1
16	22700	BALL, STEEL, 3/8" DIA	1
17	52172	ROD, ADJUSTMENT, 5/16 X 3 1/6	1
18	24150	KNOB, ADJUSTMENT	1
19	22073	SCREW, MACH, FLAT HD, 5/16 - 18 UNC X 7/16	2
20	22657	PIN, ROLL, 1/8 X 3/8	1
21	55968	ROD, LOCK	1
22	24160	KNOB, LOCK, STABILIZER, 1/4 RD X 6 1/4	1
23	56032	COCKING ARM ASSEMBLY	1
24	22912	COLLAR, 3/8" ID	1
25	56035	COLLAR, COCKING ROD 3/4 RD X 1 1/4	2
26	52192	HANDLE, EXTENSION, 1/4 ID X 9/16 OD X 1	2
27	24021	HANDLE, YELLOW	2
28	20129	BOLT, SOCKET HD, 1/4 - 20 UNC X 3 1/2	2
29	22250	SCREW, SET, 5/16 - 24 UNF X 1/2	2
30	20022	BOLT, HEX HD, 1/4 - 20 UNC X1	1
31	21010	NUT, HEX, 1/4 - 20 UNC	2
32	58089	ARM, 3/8 X 5/8 X 2 5/16	1
33	22110	SCREW, SET, 1/4 - 20 UNC X 1/4	4
34	22805	BEARING, BALL, 1/4 ID	1
35	22688	PIN, ROLL, 1/4 X 5/8	1
36	21800	WASHER, FLAT, PLASTIC, 3/8 ID X 5/8 OD X 1/16	4
37	55821	COCKING ARM, 3/16 X 1/2 X 2	1
38	22660	PIN, ROLL, 1/8 X 5/8	1
39	30725	SPRING, EXTENSION, 1/4 ID X 5/16 OD X 1 1/8 (MODIFIED)	1
40	55814	GEAR TRAIN ASS'Y	1
41	30423	CRADLE BLOCK	1
42	55820	AXLE	1
43	22230	SCREW, SET, 5/16 - 18 UNC X 1/4	1
44	22892	BUSHING, 3/8 ID X 7/8 - SUPER 6	4
45	24048	C - CLIP	4
46	55782	GEAR LOCK	1
47	55824	LOCK ROD	1
48	24163	KNOB, PLASTIC, T - HANDLE	1
49	55823	GUIDE PLUG, FLEXION HEAD ASS'Y	1
50	30732	SPRING, COMPRESSION, 1/4 ID X 1 3/8	1
51	22095	SCREW, SET, #10 - 24 - UNC X 1/2	4
52	21450	NUT, HEX, #10 - 24 UNC	4
53	57178	PIN, ADJUSTMENT, 1/4 RD X 5/8	1
54	22231	SCREW, SET, 5/16 - 18 UNC X 3/4	1
55	21110	NUT, JAM, 5/16 - 18 UNC	1
56	634010	HANDLE ASSEMBLY	1

# T- DROP / FULL CHEST ASS'Y

## Dorsal - Lumbar Drop Spring Breakaway



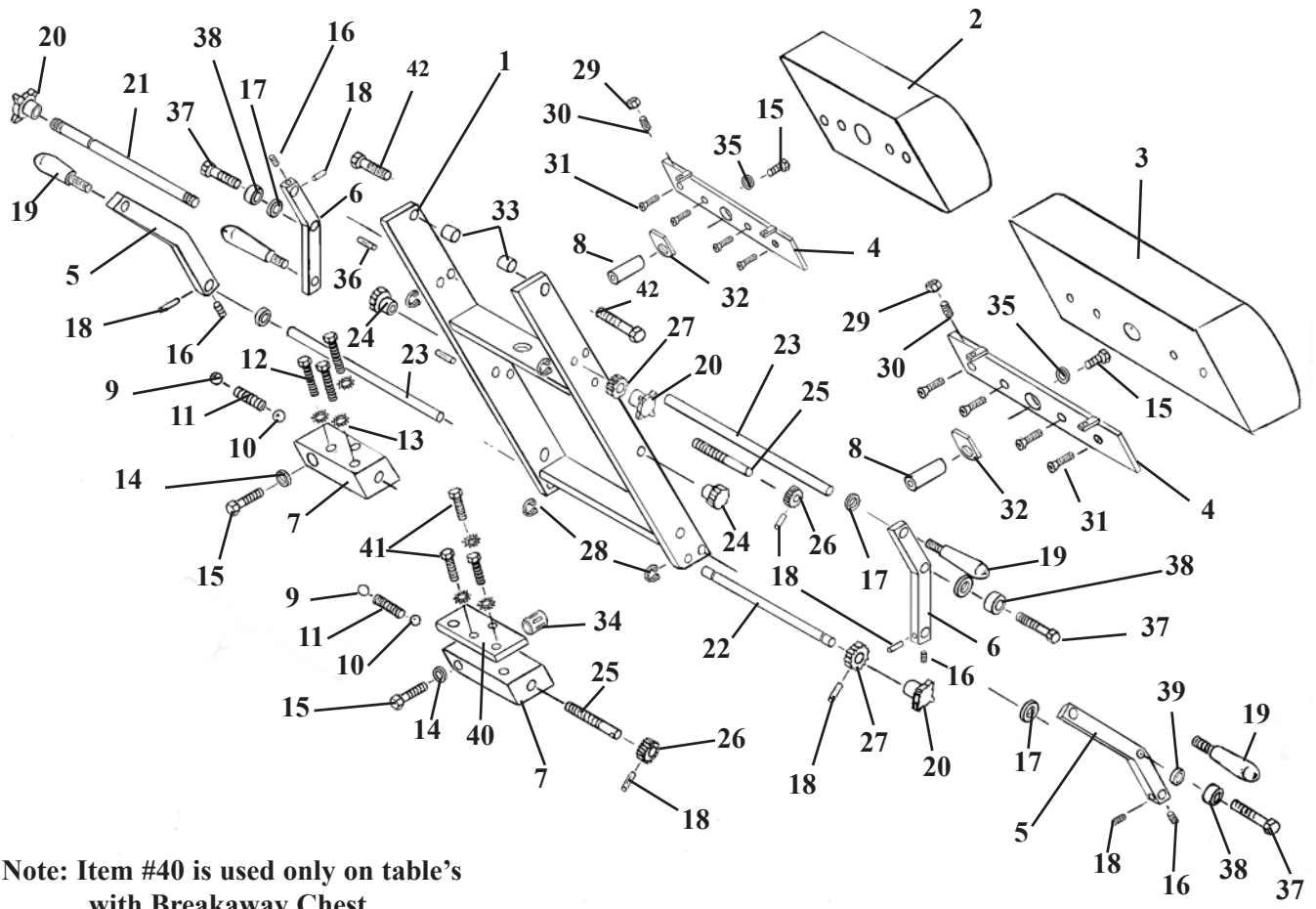
# T- DROP / FULL CHEST ASS'Y

## Dorsal - Lumbar Drop

### Spring Breakaway

ITEM	PART NO.	DESCRIPTION	QTY.
1	40229	CHEST CUSHION ASS'Y	1
2	57433	FRONT TEE WEDGE ASS'Y	1
3	57429	REAR TEE WEDGE ASS'Y	1
4	20022	HEX HD BOLT, 1/4-20UNC X 1.00	8
5	20350	HEX HD BOLT, 3/8-16UNC X 1 1/4	2
6	57435	SIDE RAIL	2
7	21210	HEX NUT, 3/8 -16UNC	10
8	52730	COCKING BAR	2
9	22260	SET SCREW, 5/16-24UNF X 1/4	2
10	22250	SET SCREW, 5/16-24UNF X 1/2	2
11	22810	ROLLER BEARING	2
12	20330	HEX HD BOLT, 3/8-16UNC X 7/8	8
13	22812	ROLLER BEARING	8
14	21850	PLASTIC WASHER, 3/8 ID	2
15	22700	TENSION BALL 3/8 DIA.	1
16	30830	TENSION SPRING	1
17	22710	TENSION BALL 1/2	1
18	54088	SET COLLAR 1/2 ID X 1.00 OD	2
19	22670	ROLL PIN, 1/8 X 3/4	4
20	57449	COCKING HANDLE (RH)	2
21	57447	TENSION ROD	1
22	24180	CONTROL KNOB	4
23	24012	COCKING HANDLE	4
24	24150	CONTROL KNOB	2
25	22092	SET SCREW, 10-24UNC X 3/8	1
26	57424	DROP CHEST FRAME ASS'Y	1
27	57445	TENSION SCREW, 3/8 RD X 3.10	2
28	30311	TENSION GEAR 3/8ID X 15/16 OD	2
29	52350	COCKING ROD	1
30	22673	ROLL PIN 1/8 X 1	4
31	30312	TENSION GEAR 3/8ID X 1 1/8OD	2
32	20222	HEX HD BOLT, 3/8-16UNC X 1 1/4	2
33	57438	SLIDE ROD	1
34	24290	E-CLIP, 3/8	2
35	57448	TENSION ROD	1
36	22940	COLLAR, 5/8ID X 23/32OD	2
37	30793	COMPRESSION SPRING	2
38	51090	CENTER BLOCK	1
39	20197	SOCKET HD SHLD BOLT, 5/16-18UNC X 3/8	4
40	24286	E-CLIP, 1/2"	1
41	56190	FORK ASS'Y	1
42	57446	CENTER GUIDE ROD	1
43	21012	HEX NUT 1/4-20UNC	1
44	22120	SET SCREW, 1/4-20UNC X 1/2	1
45	30715	COMPRESSION SPRING	1
46	22702	BEARING BALL 3/16	1
47	57345	SLIDE PIN, 5/16 RD X 3	1
48	57344	GUIDE PIN, 1/4 RD X 2 1/8	1
49	57343	LINKAGE BLOCK	1
50	22160	SET SCREW, 1/4-28UNF X 1/4	2
51	21710	FLAT WASHER, 5/16ID	2
52	22012	TRUSS HD. BOLT, 1/4-20UNC X 1/2	2
53	57454	TENSION SCREW, 3/8 RD X 2 1/2	1
54	57444	COCKING ROD, 1/2 RD X 13	1
55	57472	COCKING HANDLE (LH)	1
56	57423	NYLON SPACER	2

# DROP CHEST & LUMBAR CUSHION



Note: Item #40 is used only on table's with Breakaway Chest.

# DROP CHEST & LUMBAR CUSHION

ITEM	PART NO.	DESCRIPTION	QTY.
1	57309	CHEST & LUMBAR FRAME ASSEMBLY	1
2	40510	CUSHION, DROP CHEST	1
3	40530	CUSHION, DROP LUMBAR	1
4	57330	MOUNTING PLATE ASS'Y	2
5	57416	COCKING HANDLE BAR (RH)	2
6	57436	COCKING HANDLE BAR (LH)	2
7	30420	DROP BLOCK, ALUMINUM (LH)	2
8	30426	SHAFT, STEEL	2
9	22710	STEEL BALL, 1/2"	2
10	22700	STEEL BALL, 3/8"	2
11	30830	COMPRESSION SPRING, 1/4 ID X 1/2 OD X 2	2
12	20250	BOLT, HEX HEAD, 5/16 - 18 UNC X 2	3
13	21755	WASHER, STAR, 5/16 ID X 0.60 OD	6
14	21860	WASHER, FLAT, 7/16 ID X 1 OD	2
15	20321	BOLT, HEX HEAD, 3/8 - 24 UNF X 3/4	4
16	22160	SET SCREW, 1/4 - 28 UNF X 1/4	4
17	21915	WASHER, FLAT, PLASTIC, 9/16 ID X 11/16 OD X 1/16	4
18	22670	ROLL PIN, 1/8 X 3/4	8
19	24012	HANDLE, 3/8 - 16 UNC X 1/2 STUD	4
20	24180	KNOB, TENSION	4
21	52530	ROD, TENSION ADJUSTMENT, 3/8 RD X 12 7/8	1
22	52510	ROD, TENSION ADJUSTMENT, 3/8 RD X 17 3/4	1
23	52350	ROD, COCKING, 1/2 RD X 9 1/4	2
24	24150	KNOB, LOCK	2
25	57440	STUD, 3/8 RD X 2 11/16	2
26	30312	GEAR, PLASTIC, 3/8 ID X 1 1/8 OD X 36 TH	2
27	30310	GEAR, PLASTIC, 3/8 ID X 1 1/2 OD X 5/8	2
28	24290	E-RING, SNAP, 3/8	4
29	21010	NUT, HEX, 1/4 - 20 UNC	4
30	22120	SET SCREW, 1/4 - 20 UNC X 1/2	4
31	22030	SCREW, MACH, FLAT HEAD, 1/4 - 20 UNC X 1	8
32	40730	CUSHION PAD	2
33	57397	BUSHING, 3/8 ID X 1/2 OD X 0.337	2
34	22845	BUSHING, BALL BEARING, 3/4 ID X 1 5/8	2
35	21820	WASHER, LOCK, 3/8 ID	2
36	22685	ROLL PIN, 3/16 X 1	2
37	20320	BOLT, HEX HEAD, 3/8 - 16 UNC X 3/4	4
38	22810	BEARING, 3/8 ID X 13/16 OD	4
39	37928	SPACER, 3/8 ID X 1/2 OD X 3/16	4
40	57342	REINFORCEMENT PLATE, 5/16 X 2 X 4	1
41	20253	BOLT, HEX HEAD, 5/16 - 18 UNC X 2 1/4	3
42	20332	BOLT, HEX HEAD, 3/8 - 16 NC X 1	2



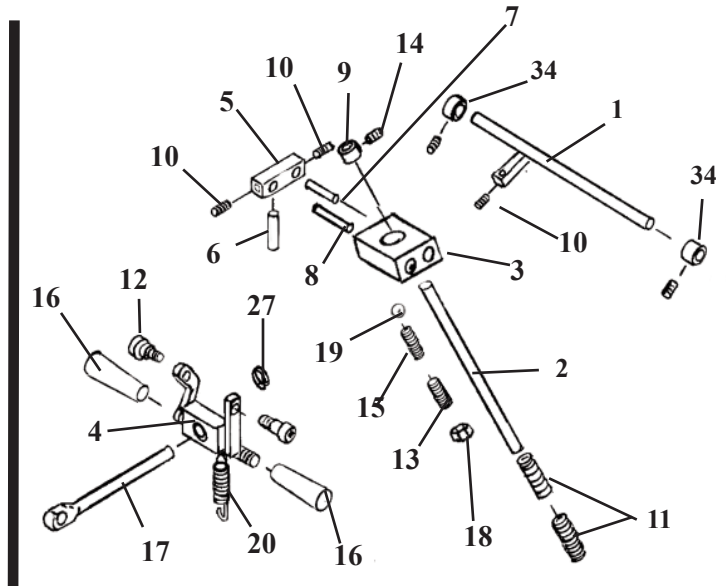
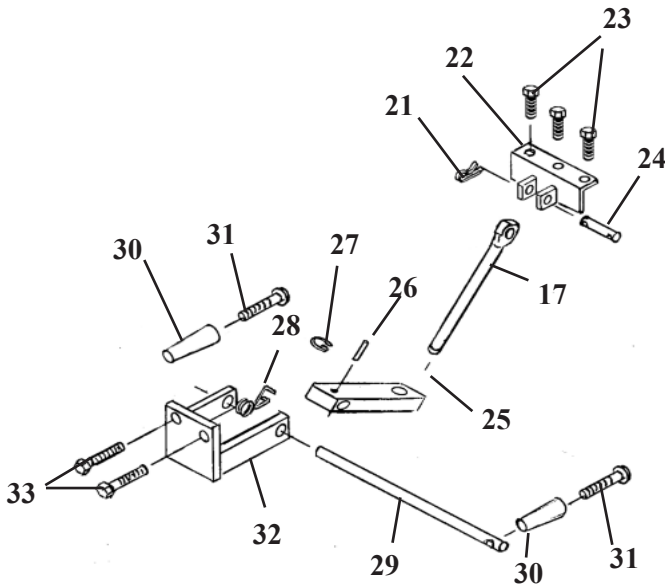
# ADJUSTABLE HEIGHT BLOCK ASS'Y

## STANDARD & BREAKAWAY PARTS

### DROP CHEST CUSHION

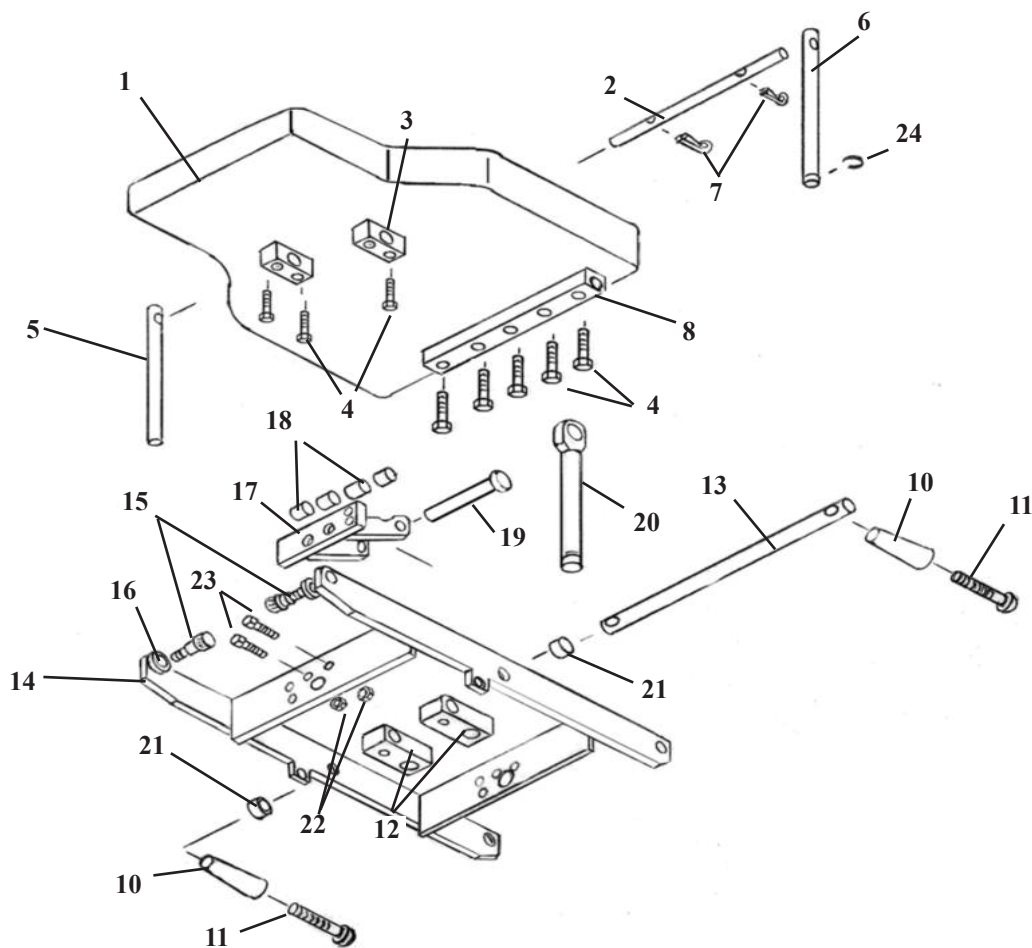
#### STANDARD HEIGHT ADJUSTMENT ASS'Y

#### SPRING BREAKAWAY HEIGHT ADJUSTMENT ASS'Y



ITEM	PART NO.	DESCRIPTION	QTY.
1	57314	AXLE ASS'Y, LOCKING HANDLE, 5/16 X 9 3/4	1
2	57346	ROD, SPRING SUPPORT, 5/8 RD X 6 31/32	1
3	51090	YOKE BLOCK, 1 X 1 1/2 X 1 11/16	1
4	56190	FORK BRACKET ASS'Y, CHEST	1
5	57343	BLOCK, LOCKING, 1/2 X 1 1/2 X 3/4	1
6	57347	ROD, SLIDE, LOCKING ASS'Y, 5/16 RD X 3 1/2	1
7	57344	PIN, LOCKING ASS'Y, 1/4 RD X 2 1/8	1
8	57345	PIN, SLIDE, LOCKING ASS'Y, 5/16 X 3	1
9	22940	COLLAR, 5/8 ID X 1 3/32 OD X 1/2	1
10	22160	SET SCREW, 1/4 - 28 UNF X 1/4	3
11	30793	SPRING, COMPRESSION, 11/16 ID X 15/16 OD X 3 1/8	2
12	20197	BOLT, SOCKET HEAD, 5/16 - 18 UNC, SHOU 3/8 X 3/8	2
13	22120	SET SCREW, 1/4 - 20 UNC X 1/2	1
14	22230	SET SCREW, 5/16 - 18 UNF X 1/4	1
15	30715	SPRING, COMPRESSION	1
16	24090	ADJUSTMENT HANDLE	2
17	57450	EYE-ROD ASS'Y, 9.16 RD X 6 9/16	1
18	21012	NUT, JAM, 1/4 - 20 UNC	1
19	22702	BALL, STEEL, 3/16	1
20	22090	SET SCREW, #10-32UNF X 3/16	2
21	22640	COTTER PIN	2
22	57319	ATTACHMENT BRACKET ASS'Y	1
23	20253	BOLT, HEX HEAD, 5/16 - 18 UNC X 2 1/4	3
24	51920	PIN, EYE-ROD, CHEST-LUMBAR, 1/2 RD X 2 3/8	1
25	54082	BLOCK, DROP, CHEST, 3/4 X 1 X 3 5/8	1
26	22110	SET SCREW, 1/4 - 20 UNC X 1/4	2
27	24286	SNAP RING, 9/16 "	2
28	30870	SPRING, TORSION COIL - 19 GA	1
29	51230	ROD, ADJUSTMENT, DROP BLOCK, 1/2 X 11 1/4	1
30	24020	HANDLE, BLACK	2
31	22050	SCREW, MACH, RD HEAD, 1/4 - 20 UNC X 2 1/2	2
32	56203	SUPPORT BRACKET ASS'Y,	1
33	20332	BOLT, HEX HEAD, 3/8 - 16 UNC X 1	2
34	22922	COLLAR, 5/16 ID X 5/8 OD	2

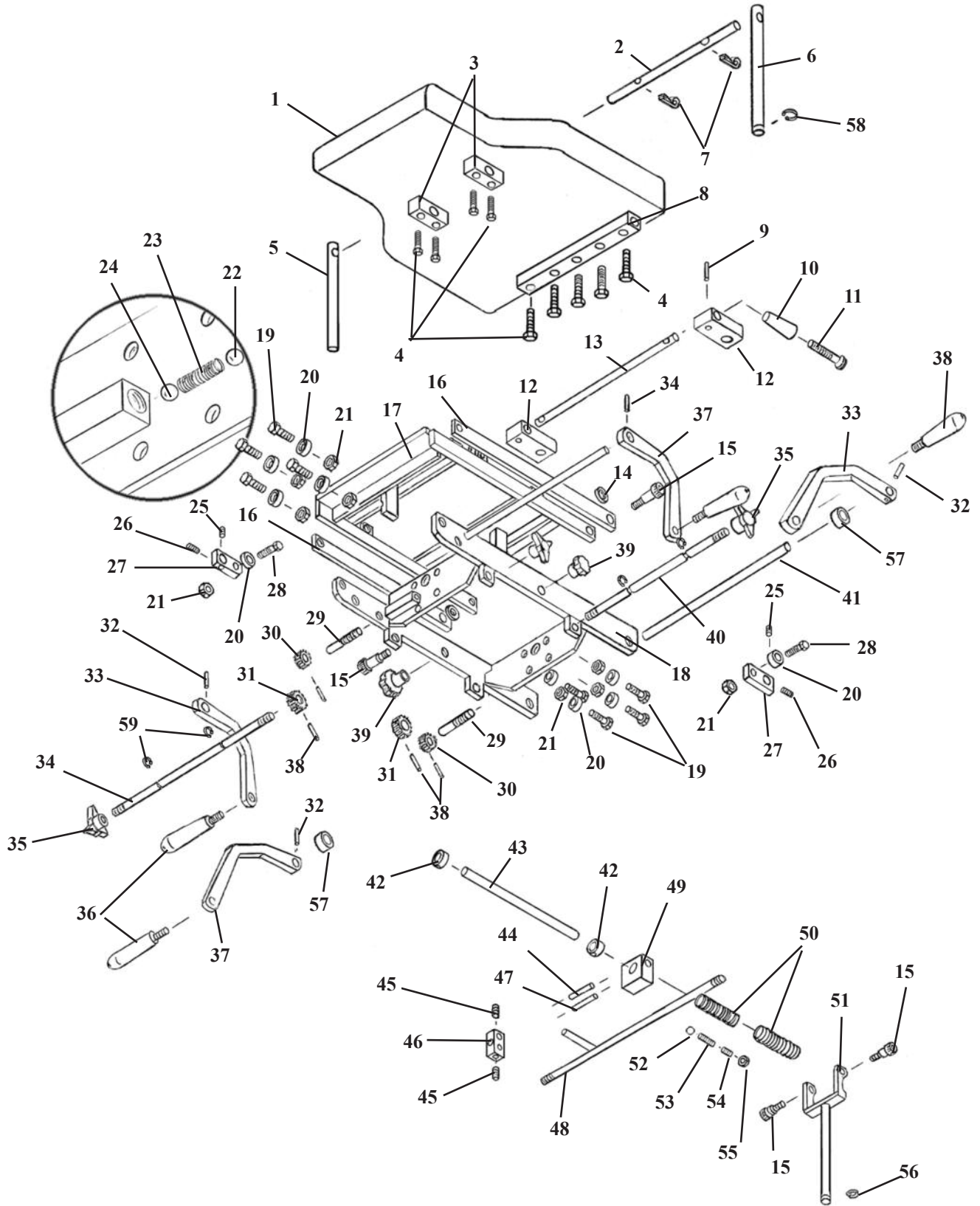
# CBP CHEST CUSHION TILT - FRAME ASS'Y



ITEM	PART NO.	DESCRIPTION	QTY.
1	40209	CUSHION ASSEMBLY	1
2	57286	SUPPORT ROD, 3/8 RD. X 6 1/2	1
3	57493	SUPPORT BLOCK	2
4	20023	HEX HD. BOLT, 1/4-20UNC X 1 1/4	9
5	57492	EYE-ROD, 9/16 RD. X 5 1/8	1
6	57491	EYE-ROD, 9/16 RD. X 5 1/8 (CLIP)	1
7	22639	COTTER PIN, 3/32 X 1/2	2
8	57489	HINGE BLOCK	1
9	22670	ROLL PIN, 1/8 X 3/4	2
10	24020	ADJUSTMENT HANDLE	2
11	22050	RD. HD. MACHINE SCREW, 1/4-20UNC X 2 1/2	2
12	57737	ADJUSTMENT BLOCK	2
13	57285	SUPPORT ROD, 1/2 RD. X 12 1/2	1
14	57280	CHEST FRAME ASS'Y	1
15	20199	SOCKET HD. SHLD.BOLT, 3/8-16 UNC X 3/8 x 1/2	2
16	21800	PLASTIC WASHER, 3/8 ID	2
17	57458	SUPPORT BRACKET ASS'Y	1
18	52150	SPACER	4
19	22679	SUPPORT PIN, 1/2 DIA. X 3 1/2	1
20a	57450	EYE-ROD ASS'Y (GALAXY)	1
20b	56410	EYE-ROD ASS'Y (402 FLEXION)	1
21	22915	COLLAR 1/2"	2
22	21210	HEX. NUT, 3/8-16 UNC	2
23	20332	HEX. BOLT, 3/8-16 UNC X 1.00	2
24	24286	E-CLIP, 9/16	1

# CBP DROP CHEST ASSEMBLY

## DROP & SPRING BREAKAWAY



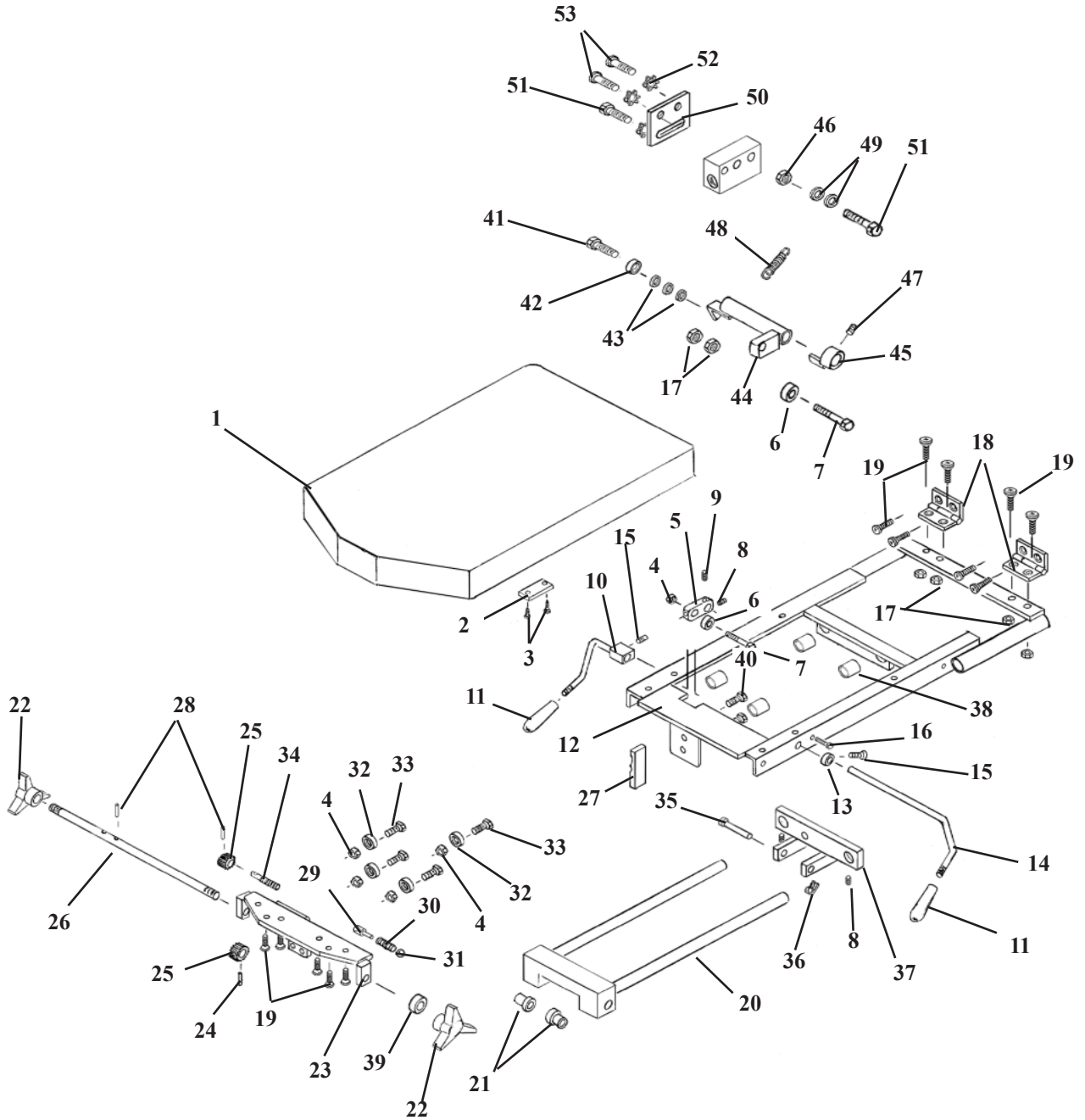
# CBP DROP CHEST ASSEMBLY

## DROP & SPRING BREAKAWAY

ITEM	PART NO.	DESCRIPTION	QTY.
1	40209	CUSHION ASSEMBLY	1
2	57286	SUPPORT ROD, 3/8 RD. X 6 1/2	1
3	57493	SUPPORT BLOCK	2
4	20023	HEX HD. BOLT, 1/4-20UNC X 1 1/4	9
5	57492	EYE-ROD, 9/16 RD. X 5 1/8	1
6	57491	EYE-ROD, 9/16 RD. X 5 1/8 (CLIP)	1
7	22639	COTTER PIN, 3/32 X 1/2	2
8	57489	HINGE BLOCK	1
9	22670	ROLL PIN, 1/8 X 3/4	2
10	24020	ADJUSTMENT HANDLE	2
11	22050	RD. HD. MACHINE SCREW, 1/4-20UNC X 2 1/2	2
12	57737	ADJUSTMENT BLOCK	2
13	57285	SUPPORT ROD, 1/2 RD. X 12 1/2	1
14	21800	PLASTIC WASHER, 3/8ID	2
15	20204	SOCKET HD. SHLD. BOLT, 5/16-18 UNC X 3/4	4
16	57490	LINKAGE BAR	2
17	57476	INSIDE T-DROP FRAME ASS'Y	1
18	57475	CHEST FRAME ASS'Y	1
19	20330	HEX, HD. BOLT, 3/8-16UNC X 7/8	8
20	22812	ROLLER BEARING	10
21	21210	HEX. NUT, 3/8-16UNC	10
22	22710	TENSION BALL, 1/2"	2
23	30830	TENSION SPRING	2
24	22700	TENSION BALL 3/8"	2
25	22260	SET SCREW, 5/16-24UNF X 1/4	2
26	22250	SET SCREW, 5/16-24UNF X 1/2	2
27	52730	COCKING ARM	1
28	20350	HEX HD. BOLT, 3/8-16UNC X 1 1/4	2
29	57454	TENSION SCREW, 3/8 RD X 2 1/2	2
30	30311	TENSION GEAR, 3/8ID X 15/16OD	2
31	30312	TENISON GEAR, 3/8ID X 1 1/8OD	2
32	22670	ROLL PIN, 1/8 X 3/4	4
33	57472	COCKING HANDLE BAR (RH)	2
34	57448	TENSION ROD, 3/8RD X 12 3/4	1
35	24180	CONTROL KNOB	2
36	24012	COCKING HANDLE (BLACK)	4
37	57449	COCKING HANDLE BAR (LH)	2
38	22673	ROLL PIN, 1/8 X 1	4
39	24150	CONTROL KNOB	2
40	57447	TENSION ROD, 3/8 X 17 1/2	1
41	57444	COCKING ROD, 1/2 RD X 13	1
42	22940	COLLAR 5/8ID X 23/32OD	2
43	57446	CENTER ROD, 5/8RD X 9	1
44	57344	GUIDE PIN, 1/4RD X 2 1/8	1
45	22160	SET SCREW, 1/4-28UNF X 1/4	2
46	57343	LINKAGE BLOCK	1
47	57345	LOCK PIN, 5/16RDX 3	1
48	57438	SLIDE ROD ASS'Y	1
49	51090	CENTER BLOCK	1
50	30793	COMPRESSION SPRING	2
51	56190	FORK ASS'Y	1
52	22702	BEARING BALL 3/16	1
53	30715	COMPRESSION SPRING	1
54	22120	SET SCREW, 1/4-20UNC X 1/2	1
55	21012	HEX. NUT 1/4-20UNC	1
56	24286	E-CLIP, 3/8	1
57	54088	SET COLLAR, 1/2 ID X 1.00 OD	2

# T-DROP PELVIC ASS'Y

## NON-ROTATION



# T-DROP PELVIC ASS'Y

## NON-ROTATION

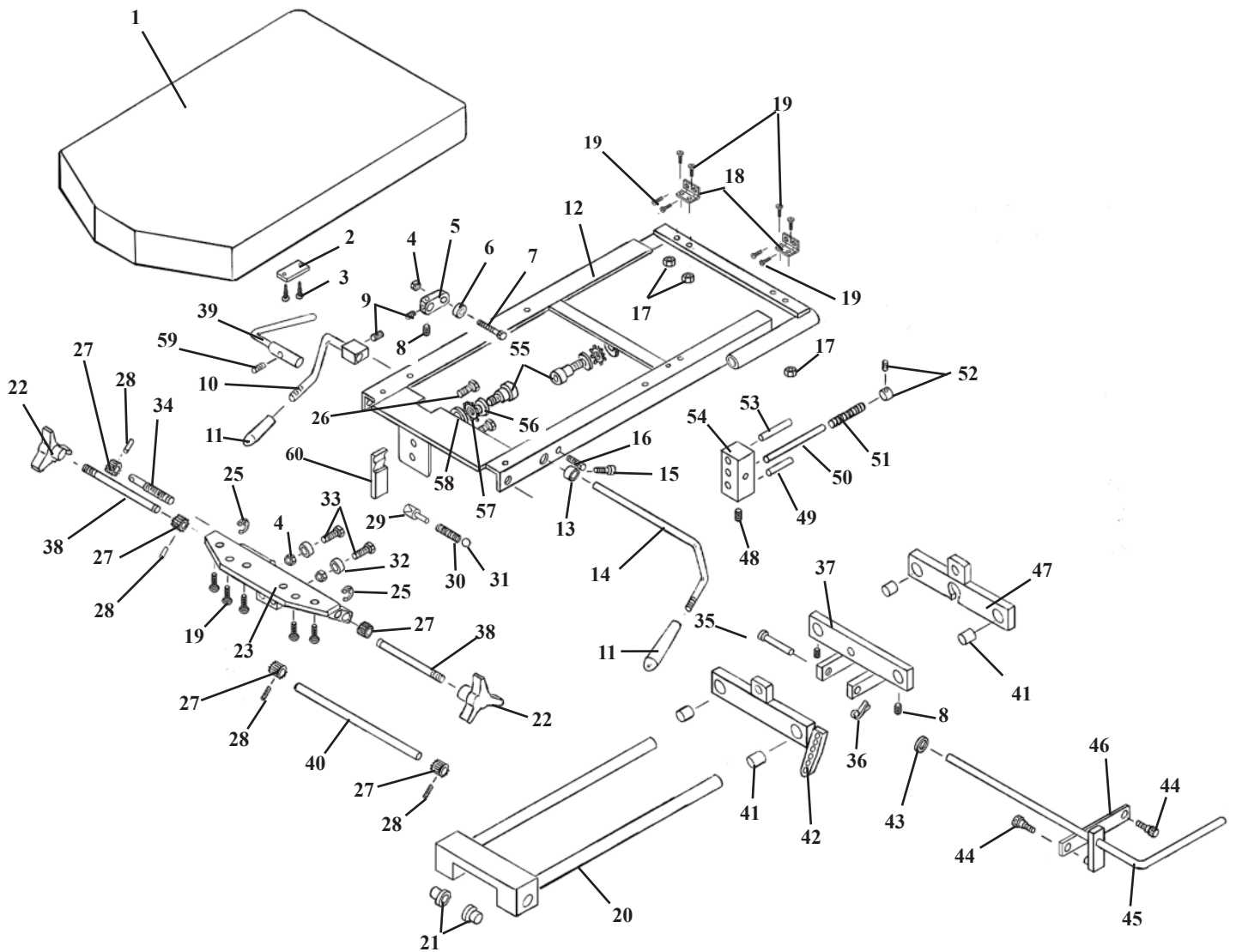
ITEM	PART NO.	DESCRIPTION	QTY.
1	40285	PELVIC CUSHION ASS'Y	1
2	56493	STRIKER PLATE	1
3	22469	FLAT HD WOOD SCREW, #10 X 7/8	2
4	21210	HEX NUT, 3/8-16UNC	5
5	56359	COCKING ARM	1
6	22810	ROLLER BEARING	1
7	20350	HEX HD BOLT, 3/8-16UNC X 1 3/4	1
8	22250	SET SCREW, 5/16-24UNF X 1/2	3
9	22260	SET SCREW, 5/16-24UNF X 1/4	1
10	56565	COCKING HANDLE ASS'Y	1
11	22660	PLASTIC HANDLE	2
12	58527	CARRIAGE FRAME ASS'Y	1
13	22930	COLLAR 7/16ID	1
14	56378	COCKING HANDLE	1
15	22120	SET SCREW,, 1/4-20UNC X 1/2	1
16	20010	HEX HD BOTL, 1/4-20UNC X 3/4	1
17	21010	HEX NUT, 1/4-20UNC	2
18	58181	HING, 2X2	2
19	22030	FLAT HD SCREW, 1/4-20UNC X 1.00	14
20	58542	GUIDE FRAME ASS'Y	1
21	22888	BRASS CAP BUSHING	2
22	24180	TENSION KNOB	2
23	58547	BEARING PLATE ASS'Y	1
24	22670	ROLL PIN, 1/8 X 3/4	1
25	30312	PLASTIC GEAR, 3/8ID X 1 1/8OD X 36 <sup>TH</sup>	1
26	58596	TENISON ROD, 3/8 RD X 21	1
27	58599	WEDGE, 1/2 X 1 X 3	1
28	22660	ROLL PIN, 1/8 X 5/8	1
29	22700	STEEL BALL, 3/8 DIA	1
30	30710	COMPRESSION SPRING	1
31	22710	STEEL BALL, 1/2 DIA	1
32	22812	BALL BEARING, 3/8ID	4
33	20332	HEX HD BOLT, 3/8-16UNC X 1	4
34	56332	TENSION SCREW	1
35	22615	CLEVIS PIN, 5/16 X 2	1
36	22639	COTTER PIN, 3/32 X 1/2	1
37	58594	SLIDE BRACKET ASS'Y	1
38	22850	BUSHING NYLON 3/4 ID X 7/8 OD X 3/4	4
39	22912	SET COLLAR, 3/8 ID	1
40	20216	HEX. HD. BOLT, 5/16-24 UNC X 3/4	2

### OPTIONAL AUTO COCKING PARTS

41	20022	HEX HD, BOLT, 1/4-20UNC X 1.00	1
42	22805	ROLLER BEARING, 1/4ID	1
43	21620	WASHER, FLATE, 1/4ID X 9/16OD	3
44	58582	TRANSFER AXIAL ASSEMBLY	1
45	58559	COCKING COLLAR ASS'Y	1
46	21010	HEX NUT 1/4-20UNC	1
47	22110	SET SCREW, 1/4-20UNC X 1/4	1
48	30725	TENSION SPRING, 1/4 ID X 1 5/16	1
49	21610	WASHER, PLASTIC, 1/4 ID	2
50	58595	MOUNTING PLATE	1
51	20120	HEX HD. BOLT, 1/4-28UNF X 1.00	3
52	21630	STAR WASHER, 1/4ID	4
53	22030	MACHINE, FLAT HD, SCREW 1/4-20UNC X 1.00	2



# T-DROP & ROTATION PELVIC ASSEMBLY

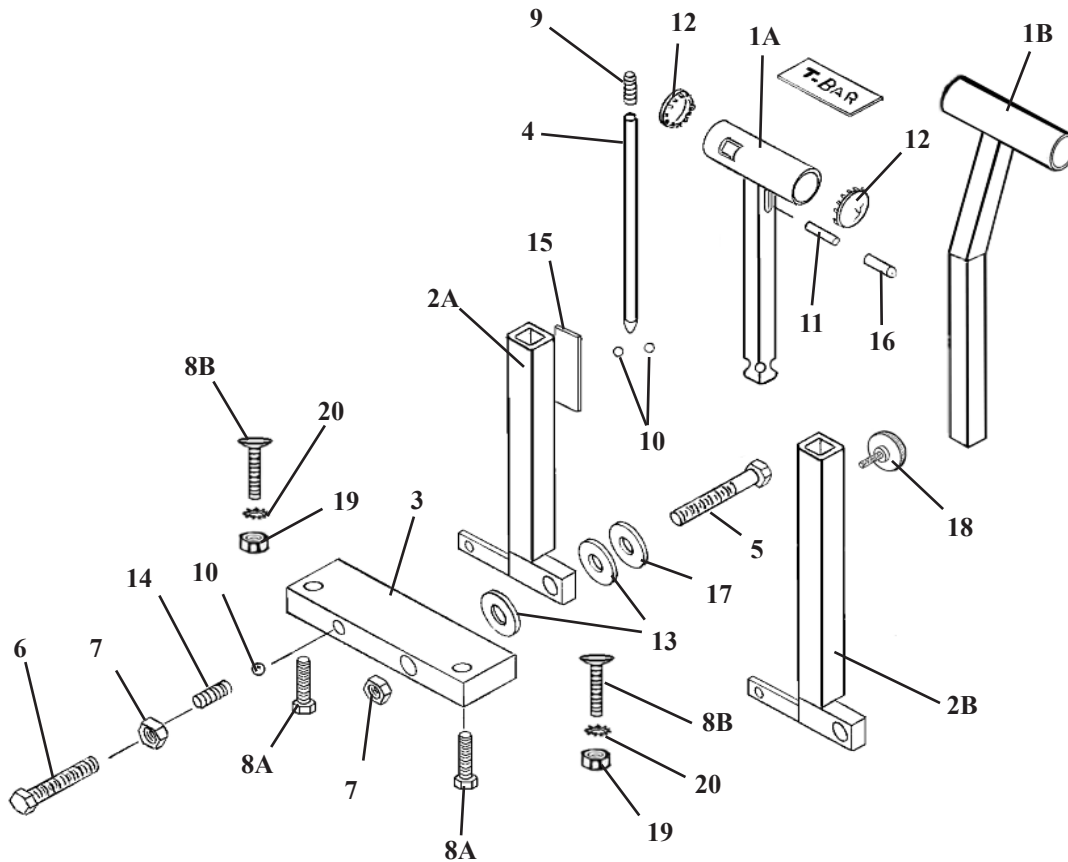


# T-DROP & ROTATION PELVIC ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	40307	PELVIC CUSHION ASS'Y	1
2	56493	STRIKER PLATE	1
3	22469	FLAT HD WOOD SCREW, #10 X 7/8	2
4	21210	HEX NUT, 3/8-16UNC	5
5	56359	COCKING ARM	1
6	22810	ROLLER BEARING	1
7	20350	HEX HD BOLT, 3/8-16UNC X 1 3/4	1
8	22250	SET SCREW, 5/16-24UNF X 1/2	2
9	22260	SET SCREW, 5/16-24UNF X 1/4	1
10	56565	COCKING HANDLE ASS'Y	1
11	24010	PLASTIC HANDLE	2
12	58526	CARRIAGE FRAME ASS'Y	1
13	22930	COLLAR 7/16ID	1
14	56378	COCKING HANDLE	1
15	22120	SET SCREW, 1/4-20UNC X 1/2	1
16	20010	HEX HD BOLT, 1/4-20UNC X 3/4	1
17	21010	HEX NUT, 1/4-20UNC	4
18	58181	HING, 2X2	2
19	22030	FLAT HD SCREW, 1/4-20UNC X 1.00	14
20	58542	GUIDE FRAME ASS'Y	1
21	22888	BRASS CAP BUSHING	2
22	24180	TENSION KNOB	2
23	58540	BEARING PLATE ASS'Y	1
24	22670	ROLL PIN, 1/8 X 3/4	1
25	24042	SNAP RING, 3/8	2
26	20216	HEX. HD. BOLT, 5/16-24UNF X 3/4	2
27	30311	PLASTIC GEAR, 3/8 RD X 15/16 OD X 28 Teeth	4
28	22660	ROLL PIN, 1/8 X 5/8	4
29	57421	TENSION PLUGGER, 1/2 DIA. X 1 3/16	1
30	30710	COMPRESSION SPRING	1
31	22710	STEEL BALL, 1/2 DIA	1
32	22812	BALL BEARING, 3/8ID	4
33	20332	HEX HD BOLT, 3/8-16UNC X 1	4
34	56332	TENSION SCREW	1
35	22615	CLEVIS PIN, 5/16 X 2	1
36	22639	COTTER PIN, 3/32 X 1/2	1
37	58594	SLIDE BRACKET ASS'Y	1
38	58586	TENSION ROD, 3/8RD X 5 7/8	2
39	53273	CONTROL HANDLE ASS'Y	1
40	58587	JACK SHAFT, 3/8 X 10 1/4	1
41	22850	BUSHING, 3/4ID X 7/8OD	4
42	58543	ROTATION BLOCK ASS'Y	1
43	21760	WASHER, FLAT, 5/16 ID X 1/2 OD	1
44	21997	SOCKET HD BOLT, #10-32UNF X 1/2	2
45	53271	LOCK HANDLE ASS'Y	1
46	53265	LINKAGE BAR, 1/8 X 1/2 X 2 7/16	1
47	58541	CYLINDER BLOCK, ASS'Y	1
48	22160	SET SCREW, 1/4-28UNF X 1/4	1
49	53268	GUIDE PIN, 1/4RD X 1 3/4	1
50	53267	LOCK PIN, 1/4RD X 3 1/2	1
51	30751	COMPRESSION SPRING, .290ID X .37OD X 2.00	1
52	22910	COLLAR, 1/4ID	1
53	22687	PIN, TAPER #3	1
54	58590	LOCK BLOCK	1
55	20208	BOLT, SOCKET HD. 1/2-13UNC X 5/8	2
56	24283	SHIM	2
57	24050	WASHER, STAR, 5/8ID	2
58	21944	WASHER, FLAT, 5/8ID	2
59	22098	SET SCREW, #10-32UNF	1
60	56506	T-WEDGE, 1/2 X 1 X 3 1/8	1
61			

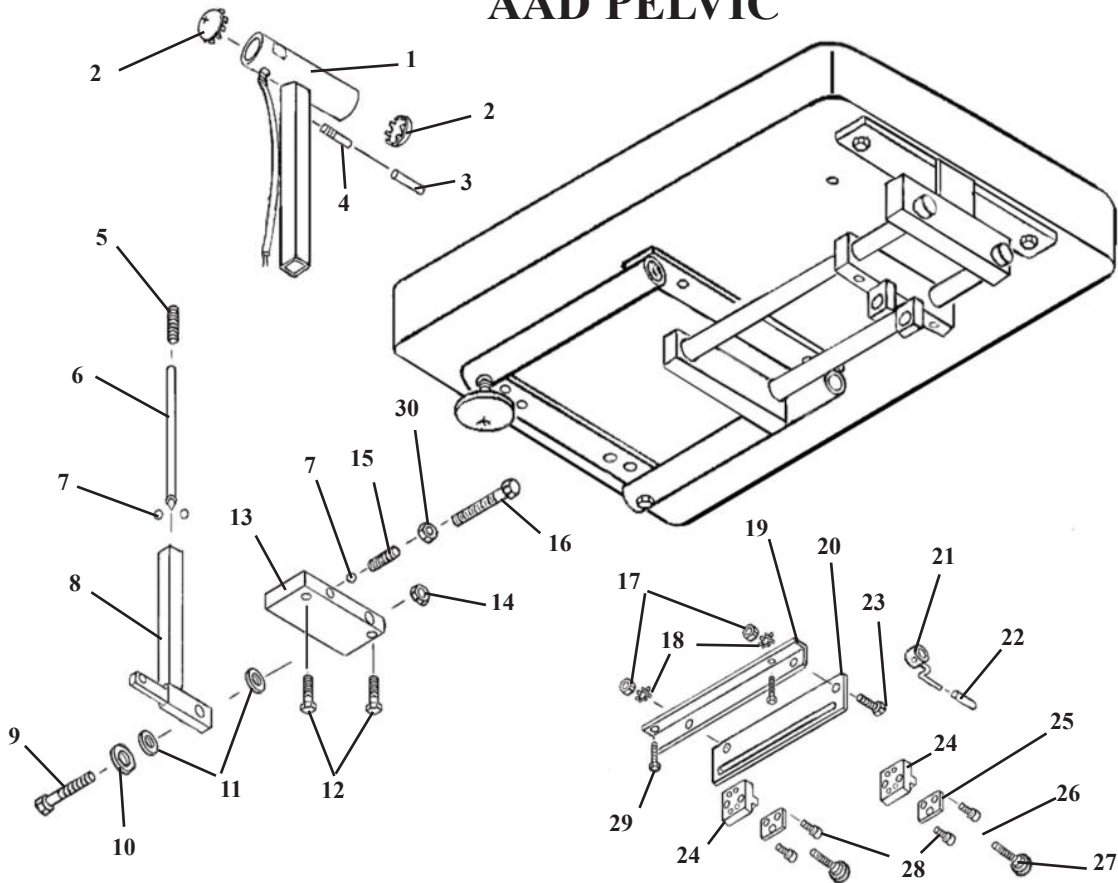


# T-HANDLE ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1A	58406	T-HANDLE, (SHORT)	1
1B	58405	T-HANDLE, ANGLE, (LONG)	1
2A	58400	GUIDE TUBE, (SHORT)	1
2B	58398	GUIDE TUBE, (LONG)	1
3	58411	MOUNTING BLOCK	1
4	58405	LOCK ROD	1
5	20507	HEX HD. BOLT, 7/16-14 UNC X 3 1/4	1
6	20503	HEX HD. BOLT, 7/16-14 UNC X 1 1/4	1
7	21290	HEX NUT, 7/16-14 UNC	2
8A	20054	HEX HD. BOLT, 1/4-20 UNC X 2 (STD. PELVIC)	2
8B	22036	SOCKET HD. MACHINE SCREW, 1/-20 UNC X 1 1/4 (DROP PELVIC)	2
9	30732	COMPRESSION SPRING, 1/4 ID X 1 3/8	1
10	22700	STEEL BALL, 3/8	2
11	52190	COCKING PEG, 1/4 RD. X 1 3/4	1
12	24413	CAP	2
13	21912	FLAT WASHER, PLASTIC, 1/2 ID X 1 1/4 OD	2
14	30721	COMPRESSION SPRING	1
15	31160	STICKER	1
16	24415	END CAP	2
17	21910	FLAT WASHER, 1/2 ID X 1 OD	1
18	24181	LOCK KNOB	1
19	21010	HEX NUT, 1/4-20 UNC (DROP PELVIC)	2
20	21630	STAR WASHER, 1/4 ID	2

# T-HANDLE ASSEMBLY AAD PELVIC



ITEM	PART NO.	DESCRIPTION	QTY.
1	58565	T-HANDLE ASS'Y (wo/switch)	1
2	24413	END CAP	2
3	24415	PLASTIC CAP	1
4	52190	RELEASE PEG	1
5	30732	COMPRESSION SPRING, ¼ ID X 1 3/8	1
6	58405	LOCK ROD	1
7	22700	STEEL BEARING, 3/8 DIA	3
8	58400	GUIDE ASS'Y	1
9	20507	BOLT, HEX HD, 7/16-14 UNC X 3 ¼	1
10	21910	WASHER, FLAT, ½ ID X 1.00	1
11	21912	WASHER, FLAT, PLASTIC, .516 ID X 1 ¼ OD	1
12	20054	BOLT, HEX HD, ¼-20 UNC X 2	2
13	58411	MOUNTING BLOCK	1
14	21290	HEX NUT, 7/16-14 UNC	1
15	30721	COMPRESSION SPRING, .175 ID X 1 1/8	1
16	20503	BOLT, HEX. HD, 7/16-14 UNC X 1 ¼	1
17	21010	HEX NUT, ¼-20 UNC	2
18	21630	WASHER, STAR, ¼ ID	2
19	58155	MOUNTING RAIL	1
20	58574	GUIDE PLATE ASS'Y	1
21	58569	GUIDE ROD ASS'Y	1
22	24407	PLASTIC CAP	1
23	20007	BOLT, HEX HD, ¼-20 UNC X 5/8	2
24	58573	SLIDE BLOCK	2
25	58571	MOUNTING PLATE	2
26	24406	HANDLE (Yellow)	2
27	22024	SOCKET HD. BOLT, ¼-20 UNC X 1 ¾	2
28	21961	SOCKET HD MACHINE SCRES, #10-32 UNC X 3/8	4
29	20010	BOLT, HEX HD, ¼ - 20 UNC X ¾	2
30	21292	NUT, JAM, 7/16-14 UNC	1