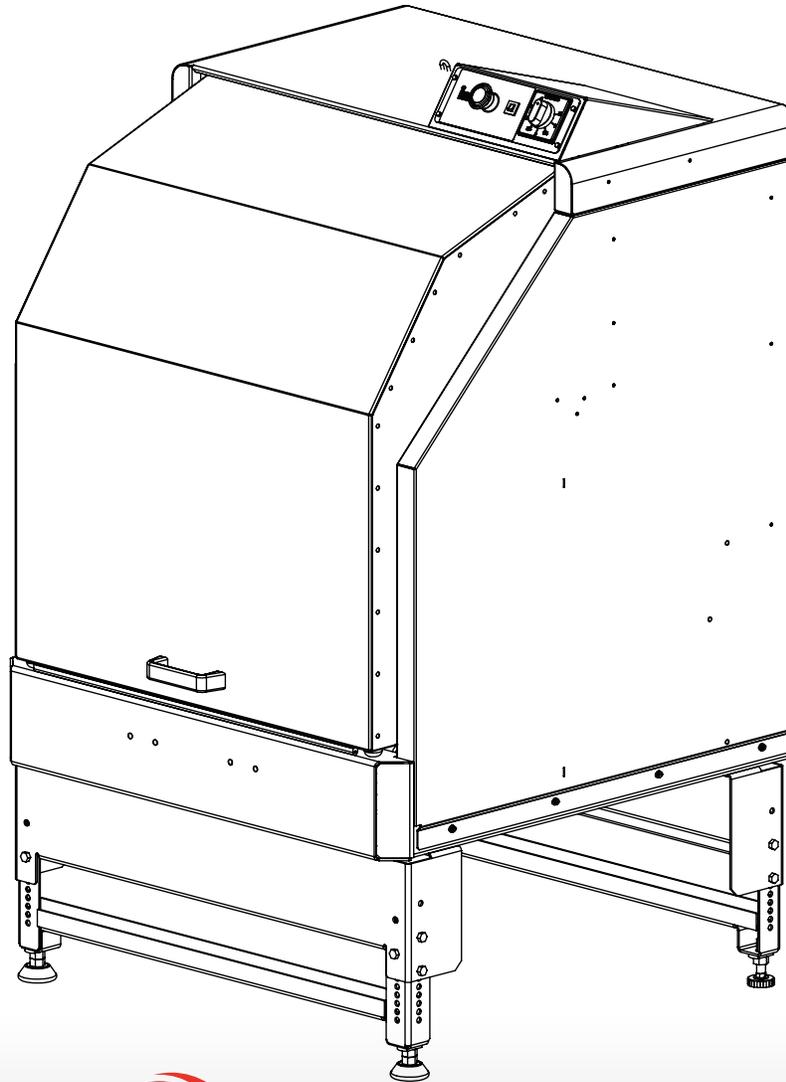


# Owner's Manual: 5925 DynoMix

## Multisize Gyro Mixer

Models 0-5925-00 MRU; 0-5925U2



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## 1. Safety Information

**Review this owner's manual and read all warning labels on the machine prior to use.**

The three main safety notifications used in this manual and on the warning labels are **WARNING**, **CAUTION** and **NOTICE**. They have specific meanings and indicate the potential dangers from misuse of the machine.

	<p><b>“WARNING!”</b> indicates a hazardous situation, which, if not avoided, could result in death or serious injury. These serious injuries could include permanent loss of function or significant disfigurement, disability, considerable pain and suffering, amputations, severe burns, and loss or impairment of vision or hearing. Take all necessary precautions to avoid unnecessary</p>
	<p><b>“CAUTION!”</b> indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.</p>
	<p><b>“NOTICE”</b> indicates practices that do not involve physical injury but may damage the machine.</p>

### 1.1 Safety Precaution Labels

**IMPORTANT !**

BEFORE RUNNING MACHINE, DID YOU....

**1....POSITION CONTAINER PROPERLY**

**2....ATTACH THE BAIL SPRING**

**3....TIGHTEN CLAMP SECURELY**



**WARNING**

DO NOT RUN MACHINE EMPTY

IMPORTANT MAINTENANCE ITEMS		
FREQUENCY	ITEM	MAINTENANCE
AS NEEDED	RATCHET LEVER	LUBRICATE MOVING PARTS WITH 3 IN 1 OIL
AS NEEDED	BOTTOM PLATE	CLEAN OFF DIRT AND PAINT WITH HOT SOAPY WATER.
AS NEEDED	CLAMPING SCREW	LUBRICATE SCREWS WITH 3 IN 1 OIL
AS NEEDED	LINKAGE ON DOOR	LUBRICATE BUSHING IN SLOT ON DOOR LINKAGE WITH 3 IN 1 OIL.
MONTHLY	MITER GEARS UNDER BOTTOM PLATE	GREASE WITH "OPEN GEAR & FIFTH WHEEL GREASE".
6 MONTHS	HEX SHAFT UNDER BOTTOM PLATE	CLOSE CLAMP & LUBRICATE THE LENGTH OF THE HEX SHAFT WITH 3 IN 1 OIL.
6 MONTHS	BAR SLIDE UNDER BOTTOM PLATE	TURN MIXING CRADLE UPSIDE DOWN & LUBRICATE WITH 3 IN 1 OIL.

Part No. 1785529

Safety Information, Continued..

Safety Information, Continued..

	<p><b>WARNING</b> <b>ADVERTENCIA</b> <b>AVERTISSEMENT</b></p>
<p>-This machine is not explosion proof rated. -Review product label, Material safety Data Sheet, and HMIS rating of materials and exposures prior to mixing to determine potential hazards. -Use in dry and well-ventilated environment where dust and flammable vapors are not present; risk of physical injury exists if used in hazardous environment. -All containers must be properly sealed and void of leaks.</p>	
<p>-Esta máquina no tiene la clasificación de prueba de explosión. -Revise la etiqueta del producto, la hoja informativa de datos de seguridad, su clasificación HMIS antes de mezclar y exposiciones de materiales peligrosos para determinar los peligros potenciales. -Use en un ambiente seco y bien ventilado donde polvo y vapores inflamables no estén presentes; Riesgo de daño físico existe si es utilizado en un ambiente peligrosos. -Todos los contenedores deben estar bien sellados y sin fugas.</p>	
<p>-Cette machine n'est pas classé antidéflagrant. -Examen e'tiquette du produit, Fiche de données de sécurité, Et matériel HMIS cote et expositions, avant de faire le mélange pour déterminer les risques potentiels. -Utilisation a'sec et bien aere' environnement ou/la possible et les vapeurs inflammables ne sont pas présents; risque de blessure physique existe si utilise' en environnement dangereux. -Tous les conteneurs doivent être convenablement scellés pour éviter les fuites.</p>	

Part No. 1780899

	<p><b>WARNING</b> <b>ADVERTENCIA</b> <b>AVERTISSEMENT</b></p>
<p>- Machine must be properly grounded before use; improper grounding could cause electric shock and injury. -Disconnect power cord before servicing, cleaning or removing any cover, and follow lockout/ tagout procedures in owner manual; failure to disconnect power could cause electric shock and injury. -Review Owners Manual before installing or operating.</p>	
<p>- La maquinaria debe ser apoyada correctamente en el suelo antes de usar, el no apoyarla puede causar choque eléctrico y daños. -Desconecte la energía antes de dar mantenimiento, limpiar o quitar cualquier cubierta, y siga los procedimientos de bloqueo/etiquetado del manual, Fallar en desconectar puede causar choque eléctrico y daños.</p>	
<p>- La machine doit e'tre correctement mis a' la terre avant de les utiliser mise a' la terre incorrecte peut provoquer un choc e'lectrique et de blessure. - De'branchez le cordon d'alimentation avant de proce'der a'l'entretien, le nettoyage ou le retrait des capots: suivez la proce'dure d'isolation/ consignation proce'dures dans le manuel de l'opere'rateur; E'chec de</p>	

Part No. 1781570

	<p><b>WARNING</b> <b>ADVERTENCIA</b> <b>AVERTISSEMENT</b></p>	<p><b>MOVING PARTS INSIDE</b> <b>PARTES EN MOVIMIENTO</b> <b>PIE'CES EN MOVEMENT</b></p>
<p>-Do not open door until machine comes to complete stop; moving parts inside could cause serious injury. -No abra la puerta hasta que la maquina se detenga completamente, las partes internas en movimiento pueden causar heridas graves. - Ne pas ouvrez la porte jusqu'a'ce que la machine esta comple'tement arre'te'; piéces en mouvement à l'intérieur pourrait provoquer des blessures grave.</p>		

Part No. 1784963

<p><b>CAUTION</b></p>
<p><b>DO NOT</b> <b>OVER-TIGHTEN!</b></p>
<p><b>Tighten clamp</b> <b>up to 1/8 turn</b> <b>after contact</b> <b>with pail lid.</b></p>

Part No. 1785715

<p><b>WHEN MIXING:</b> <b>Make Sure Lever</b> <b>Is Completely</b> <b>Behind The</b> <b>Black Line.</b></p>

<p><b>CAUTION</b></p>

Part No. 1785710

Safety Information, Continued..

## 1.2 Safety Precaution Summary

### **WARNING!**

 **DO NOT** attempt to replace any damaged electrical wire or components. Improper replacement could result in electric shock and serious injury. Only a qualified service representative should attempt to repair or replace any damaged electrical components.

 Review this owner's manual before installing or operating.

 The machine must be properly grounded prior to use. In the case of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current.

 The machine's power cord has a grounding wire with an appropriate grounding plug. This plug must be inserted into an electrical outlet that is properly installed and grounded according to all local codes and ordinances.

 If you must repair or replace the power cord or plug, do not connect the grounding wire to either flat-blade terminal. The wire with insulation having an outer surface that is green (with or without yellow stripes) is the grounding wire.

 Check with a qualified electrician if you don't completely understand these grounding instructions, or if you are not sure whether the machine is properly grounded. **DO NOT** modify the plug provided; if it won't fit in the outlet, have a proper outlet installed by a qualified electrician.

 Disconnect the power cord before servicing, cleaning, or removing any covers

 Follow the lockout/tagout procedures of your company.

 **DO NOT** open the door until the machine comes to a complete stop.

 To avoid electric shock, don't get the timer, control panel, or wiring wet.

 This machine is not explosion proof rated.

 All containers must be properly sealed and void of leaks.

 Review product label, Material Safety Data Sheet, and HMIS rating of materials prior to mixing to determine potential hazards.

 **DO NOT** use solvent-based cleaners or thinners.

 Use in a dry and well-ventilated environment where dust and flammable vapors are not present.

 " **WARNING:** This product may expose you to chemicals including DEHP, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### **CAUTION!**

 Keep the work area free of clutter and electrical cords.

 Avoid extension cords. To minimize the risk of improper electrical grounding, extension cords are not recommended. If an extension cord is unavoidable, consult a qualified electrician to determine what type of extension cord will satisfy the grounding, current capacity, and other requirements of the particular situation.

 Use the proper power source. Refer to the machine data plate on the right side panel or the section 2.1, Specifications, in this manual.

Keep customers away from the work area. The machine should be used only by properly trained individuals.

 Clamp the can carefully to ensure that it is held securely during the mixing cycle.

**Product safety labels should be inspected and cleaned periodically to maintain good legibility. Replace any labels that are no longer legible.**

## 2. Introduction

### 2.1 Application

Congratulations on your purchase of the 0-5925 Dynamix. This machine is designed to accommodate standard 1-gallon or 5-gallon plastic or metal containers weighing up to 100 lb. (45.4 kg).

Understand your machine's features and proper operation to take full advantage of its capabilities.

Read this entire manual completely before operating the machine. Practice installing and removing a container before mixing for the first time.

Keep this manual for future reference.

**Always follow all safety instructions!**

### 2.1 Specifications

**Unit Size:** **W** 32.25 in. (81.9 cm) **D** 34.25 in. (87 cm)  
**H** 53.5 to 57.5 in. (136.5 cm)

**Unit Weight:** 580 lb. (263.1 kg)

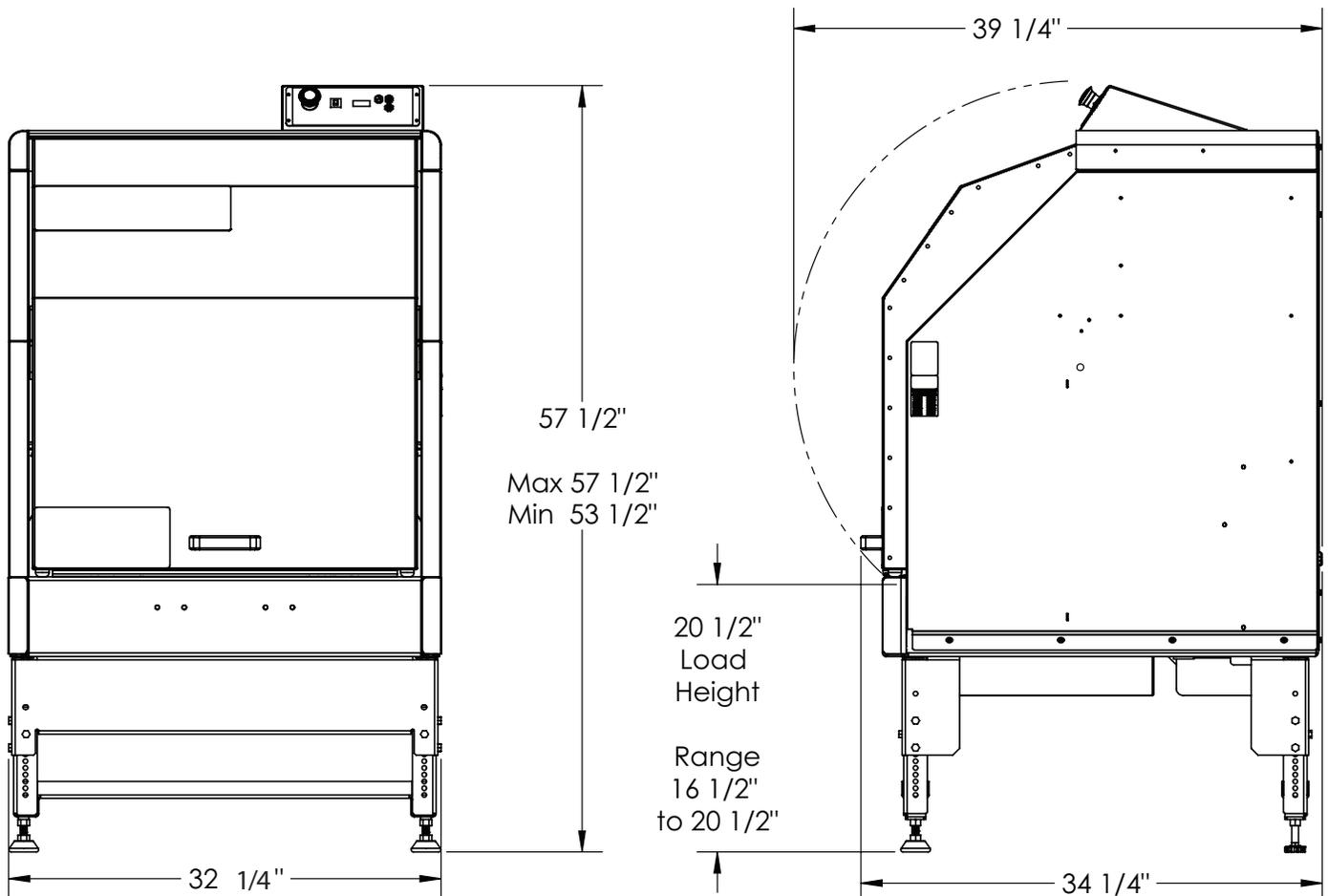
**Electric Service, 0-5925-00 MRU; 0-5925U2:** 110 V  
60 Hz

Machines rated at 110 V, 60 Hz are for use with a nominal 120 V circuit.

**Electric Service, 5925-E5-MRU:** 220 V 50 Hz

Machines rated at 220 V 50 Hz are shipped without a plug. Have a qualified electrician install the appropriate plug.

**Capacity:** 100 lb. (45.4 kg)



## 3. Installation

### 3.1 Prepare for Use

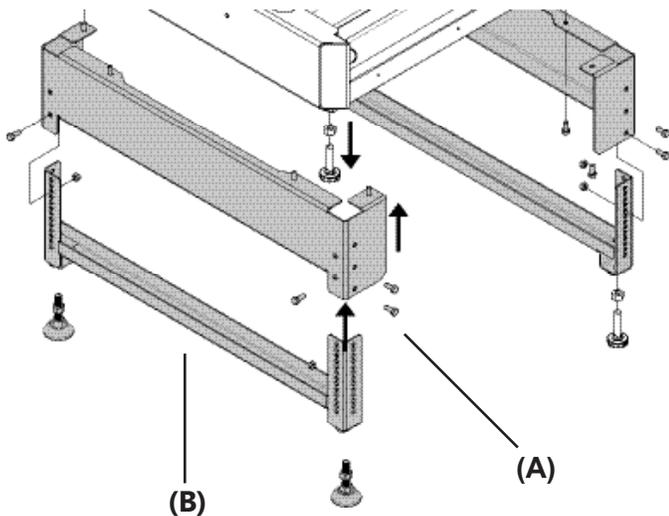
**IMPORTANT:** Before attempting to operate the machine:

1. Remove all packing material.
2. Position the machine on a firm, level surface.
3. Follow the electrical connection instructions described in section 2.2.

### 3.2 Adjust the Risers

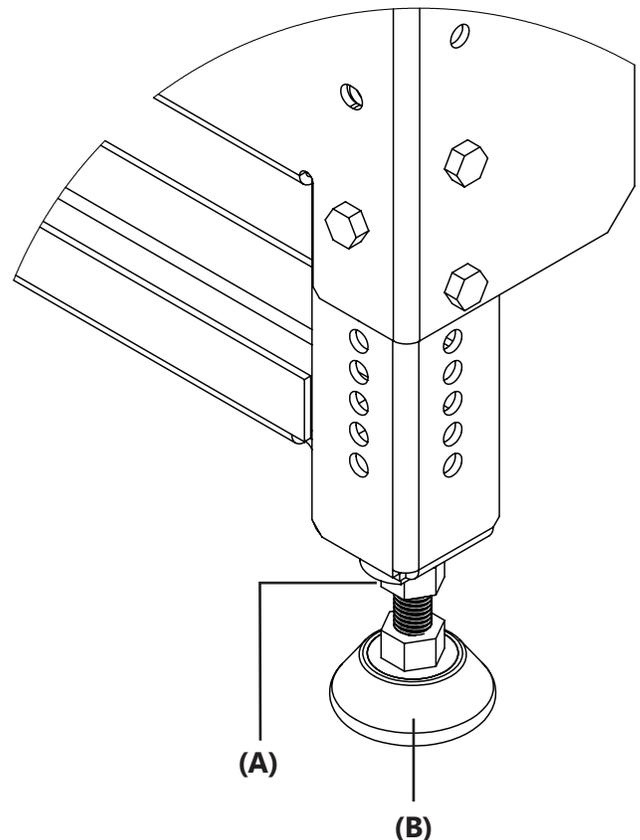
**⚠ CAUTION!** Avoid personal injury! Be sure the machine is stable.

1. Loosen the screws **(A)**.
2. Adjust the crossbar **(B)** to the appropriate height.
3. Retighten the screws.



### 3.3 Verify the Machine Level

1. Clamp a 5-gallon pail in the machine as per the instructions in Section 4.2, Install a Pail and Mix.
2. Turn the timer to start the machine.
3. Adjust any feet under which a piece of paper can fit.
  - a. Loosen the upper jam nut **(A)**.
  - b. Turn the foot **(B)** to adjust.
  - c. Tighten the jam nut **(A)** when the foot makes full contact with the floor.
4. Repeat with any additional feet that may still need adjustment.

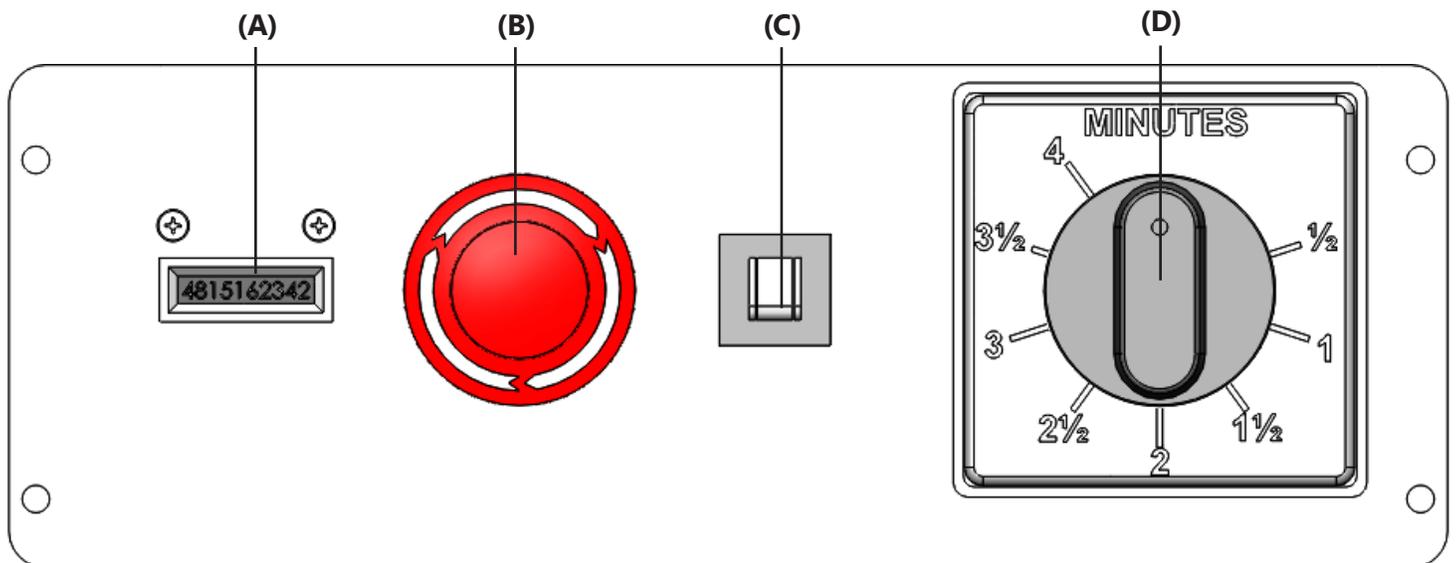


## 4. Operation

### 4.1 Control Panel

- **Cycle Counter (A):** Displays the number of complete cycles performed.
- **E-Stop Push-Button (B):** Only use to immediately cut the power to the machine.
- **Breaker Switch, 20-Amp (C):** Turn off the power and push the switch if the breaker trips.
- **Mechanical Timer (D):** Set the time to the desired cycle length.

05925-00 MRU; 05925U2



## 4.2 Install a Pail and Mix

**⚠ WARNING!** Avoid serious personal injury. Do not mix flammable or combustible materials in this mixer.

1. Open the cabinet door.
2. Pull the ratchet release lever **(A)** toward you until it clicks. Turn the handle **(B)** on the top of the clamp counterclockwise to raise the clamping (top) plate **(C)**.
3. Slide the pail onto the bottom plate **(D)**.
4. Position the pail in the grooves on the bottom plate. The grooves on the plate keep the pail in place during mixing.
5. Lower the clamping plate by turning the handle **(B)** clockwise. Once the plate makes contact with the pail, tighten another 1/8 turn.
6. Secure the bail with the bail spring.
7. Close the door and select the desired cycle length on the Timer.

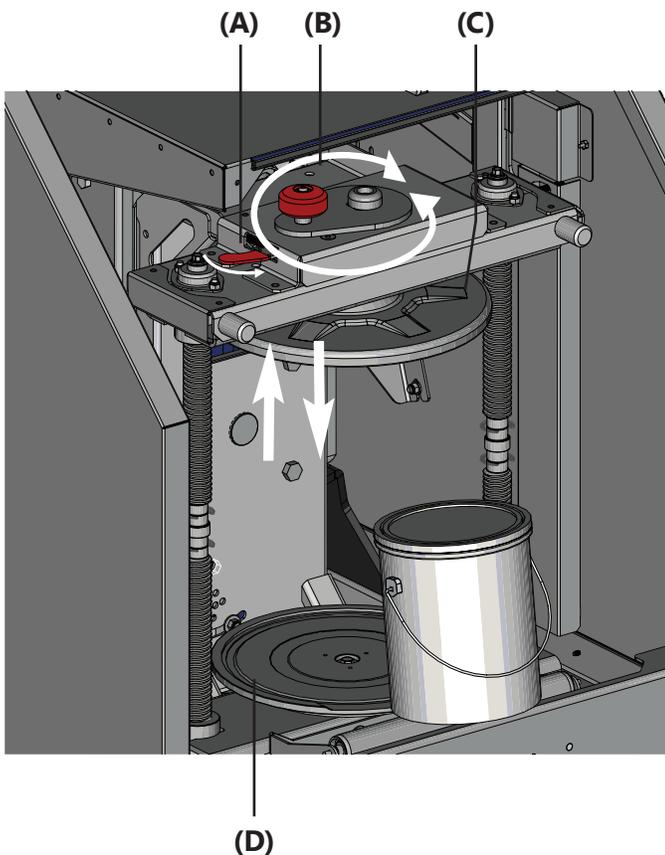
**⚠ Notice:** Avoid damage to the machine.

- A safety interlock interrupts machine operation if the door is open.
- If the bail spring wasn't properly secured, press the EMERGENCY STOP button on the control panel.
- Do not operate the machine without a can installed.

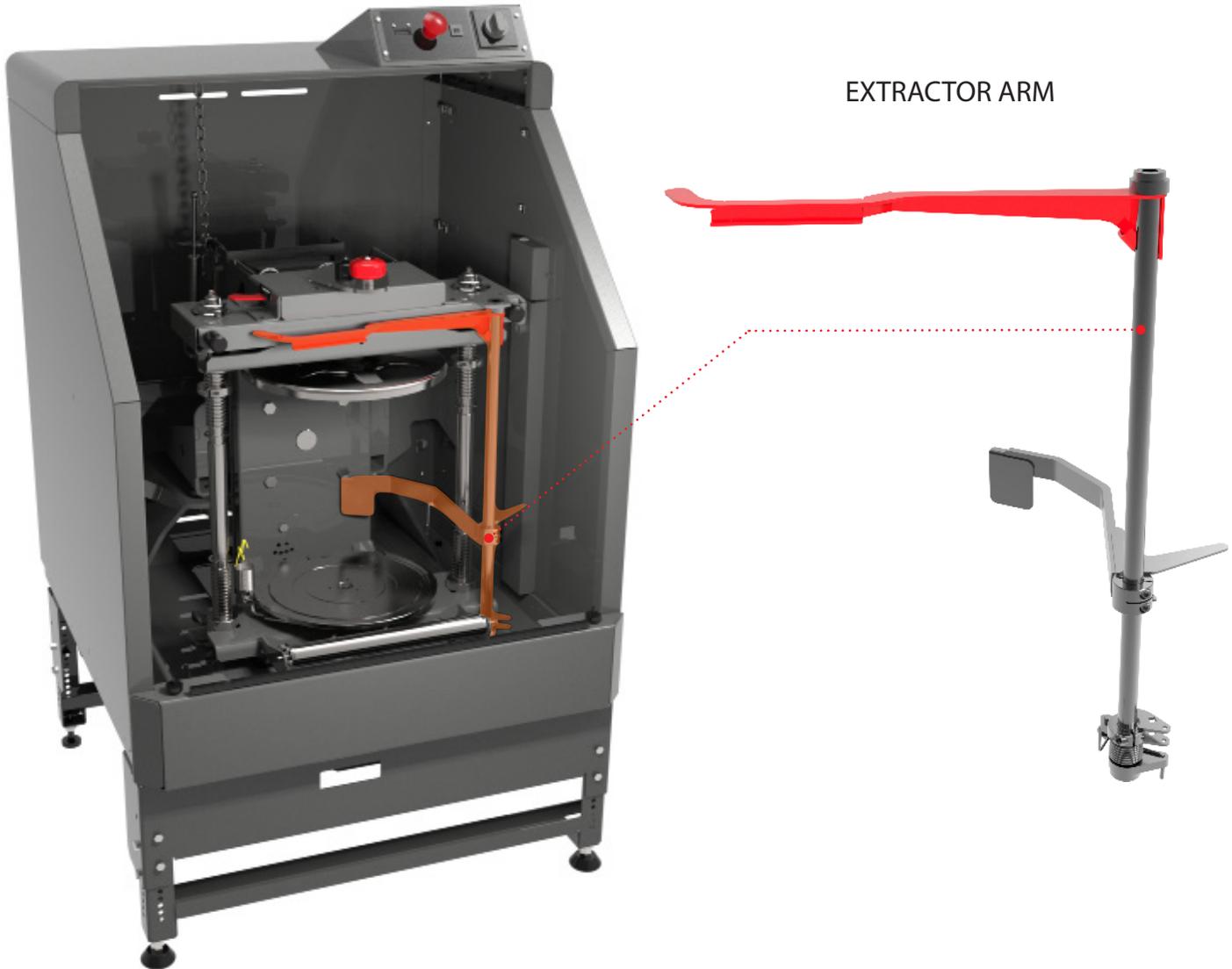
## 4.3 Remove a Pail

**⚠ WARNING!** Avoid serious personal injury. Do not open the door until the machine comes to a complete stop; moving parts inside could cause serious injury.

1. Raise the clamp all the way to the top by **(1)** pulling in the ratchet release lever **(A)** toward you until it clicks and **(2)** turning the crank handle counter-clockwise.
2. Unfasten the bail spring.
3. Pull pail forward onto roller to remove from machine.



## 4.4 Pail Extractor Options



## 5. Care and Maintenance

**⚠ WARNING!** Avoid serious personal injury. Always unplug the power cord before performing maintenance tasks.

### 5.1 Ceaning

**⚠** Avoid serious personal injury! **DO NOT** use solvent-based cleaners or thinners, or other combustible cleaners.

- Remove water-based/glycol colorants or base paints spilled on machine surfaces using lukewarm water and mild detergent.
- Do not use abrasives to clean machine surfaces. Doing so may damage the appearance of the machine,
- Keep the machine clean for reliable

### 5.2 Maintenance

IMPORTANT MAINTANCE ITEMS		
FREQUENCY	ITEM	MAINTENANCE
As Needed	Rachet Lever	Lubricate Moving Parts with 3 in 1 Oil
As Needed	Bottom Plate	Clean off Dirt and Paint With Hot Soap Water
As Needed	Clamping Screw	Lubricate Screws with 3 in 1 Oil
As Needed	Linkage on Door	Lubricate Bushing in Slot on Door Linkage with 3 In 1 Oil
Monthly	Miter Gears Under Bottom Plate	Grease with "Open Gear & Fifth Wheel Grease".
6 Months	Hex Shaft Under Bottom Plate	Close Clamp & Lubricate the Length of the Hex Shaft with 3 In 1 Oil.
6 Months	Bar Slide Under Bottom Plate	Turn Mixing Cradle Upside Down & Lubricate With 3 In 1 Oil

#### Lubrication:

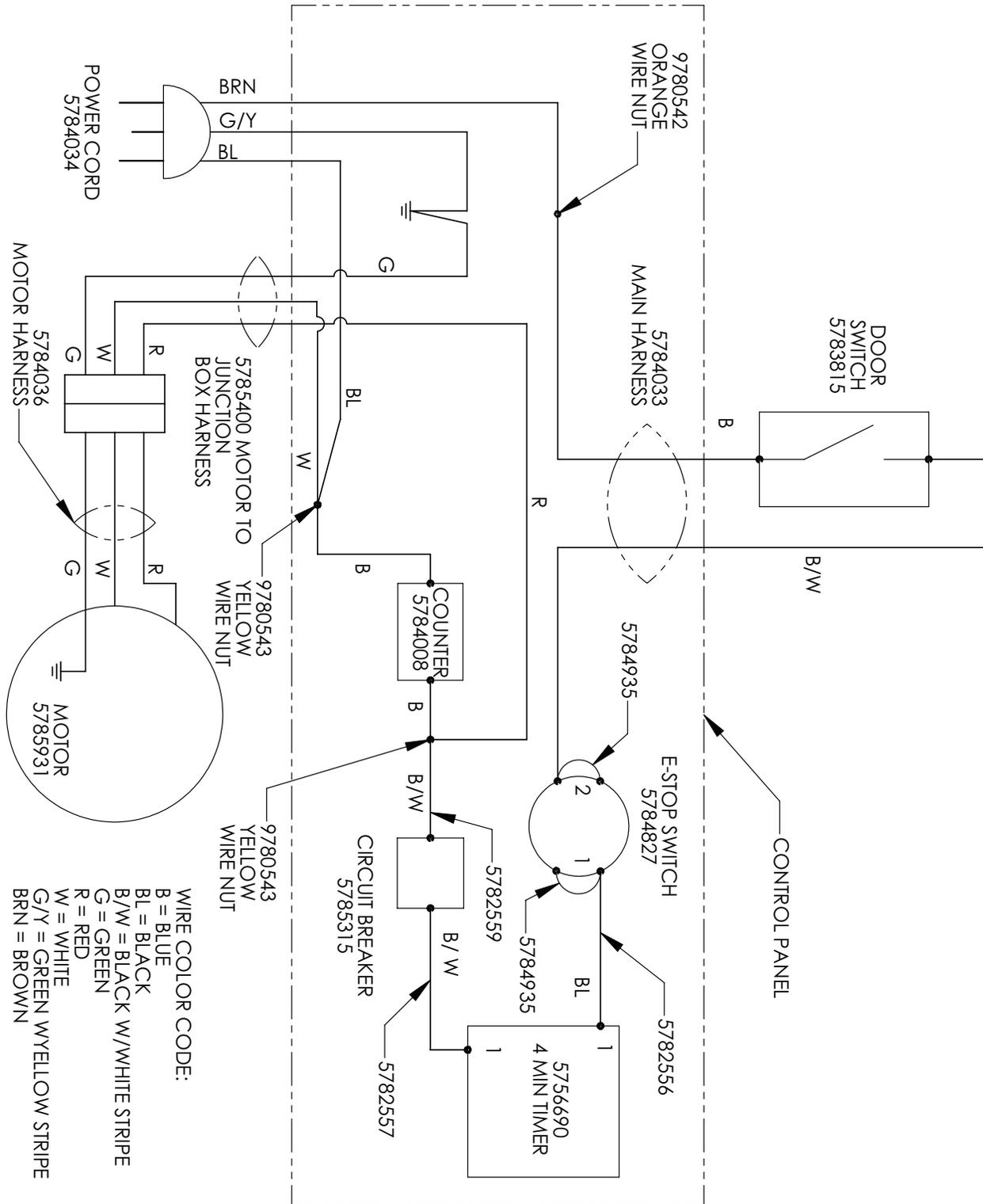
1. **Speed Reducer:** Maintenance is not required. If an oil change is necessary due to debris build-up:
  - a. Remove the oil drain plug on the bottom side of the machine and drain the oil from the gearbox.
  - b. Remove the oil level plug and fill only up to that level with Mobil SHC 634 Synthetic oil. Do not overfill or underfill.
2. **Clamp:** Lubricate the clamping screw threads and thrust bearing as needed with 3-in-1 oil.
3. **Ratchet Lever:** Lubricate the shaft as needed with 3-in-1 oil.

## 6. Troubleshooting

PROBLEM	CAUSE	REMEDY
Machine will not operate	Not connected to power source	Connect to power source
	Building circuit breaker or fuse blown	Reset breaker or replace fuse
	Machine door does not make contact with the door switch	Readjust switch to make contact with door switch screw when door is closed
	Motor thermal protector activated	Allow to cool, then restart
	Machine circuit breaker tripped	Reset by pressing circuit breaker back in
	Faulty Control Panel	Contact Radia's Customer Care
	Faulty Motor	Contact Radia's Customer Care
	Worn, damaged, or loose drive belt	Unplug power cord, open mixer door, and visually inspect the drive belt
	Emergency E-STOP push-button is activated	Turn switch knob 1/4-turn clockwise to disengage
Excessive Vibration	Pail damaged	Fix or replace pail
	Can not properly seated	Reset can into holder
	Feet are not level	Adjust and level feet
Machine does not shut off when door is opened	Faulty door limit switch	Contact Radia's Customer Care
Machine does not shut off at the end of a mix cycle	Faulty timer	Contact Radia's Customer Care
Increasing mechanical noise	Bearings worn or damaged	Contact Radia's Customer Care
Pail rotates inside the clamping plates	Top clamp pad worn	Replace Top Plate
	Top clamp not secure	Turn the crank handle down until top plate is snug on pail

## 7. Wiring Diagrams

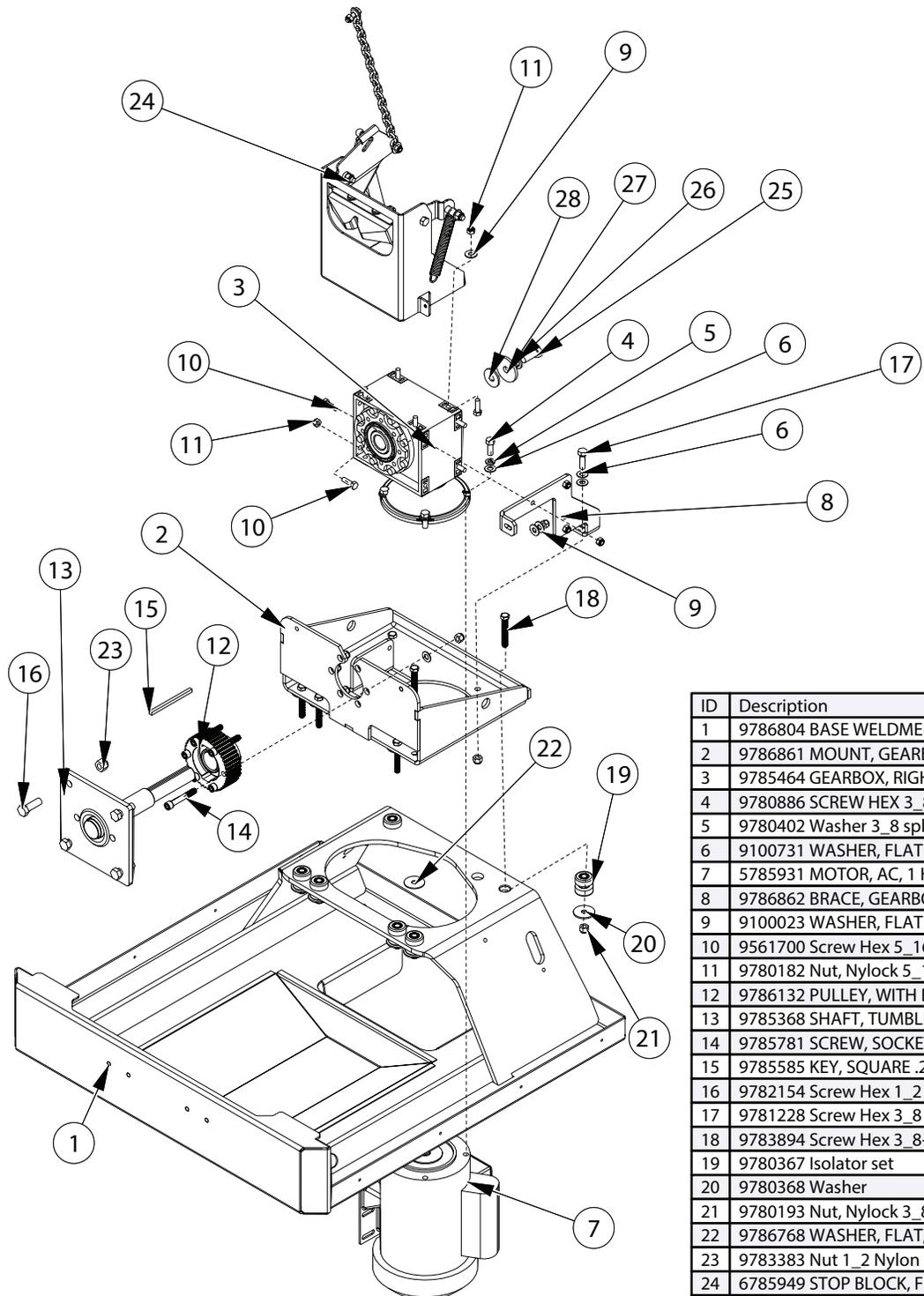
### 7.1 110 V 60 Hz



**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

## 8. Exploded Views

### 8.1 Frame and Drive



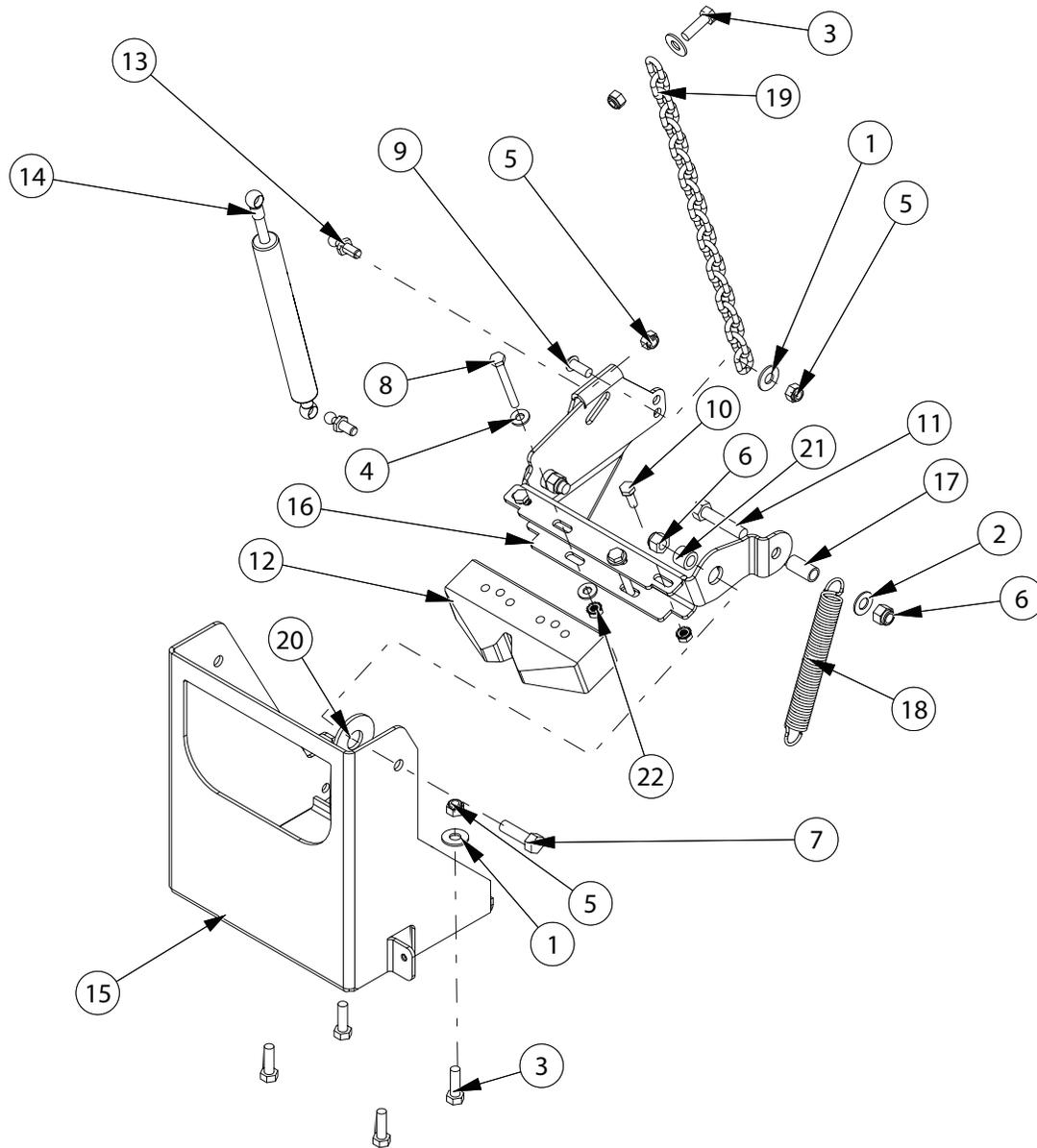
ID	Description
1	9786804 BASE WELDMENT - 5925-5025
2	9786861 MOUNT, GEARBOX - 5925
3	9785464 GEARBOX, RIGHT ANGLE - 5925
4	9780886 SCREW HEX 3_8-16 X 1.00
5	9780402 Washer 3_8 split lock
6	9100731 WASHER, FLAT 3_8 X .82 OD
7	5785931 MOTOR, AC, 1 HP 60-50HZ, 56C FRAME
8	9786862 BRACE, GEARBOX - 5925
9	9100023 WASHER, FLAT 5_16 USS
10	9561700 Screw Hex 5_16 X 1
11	9780182 Nut, Nylock 5_16-18
12	9786132 PULLEY, WITH BRG ASBY- 5925
13	9785368 SHAFT, TUMBLE - 5925
14	9785781 SCREW, SOCKET HEAD CAP 3_8-16 X 2.50
15	9785585 KEY, SQUARE .250 X 4.125
16	9782154 Screw Hex 1_2 X 1_50
17	9781228 Screw Hex 3_8 X 1_1_4
18	9783894 Screw Hex 3_8-16 x 2.50 Full Thd
19	9780367 Isolator set
20	9780368 Washer
21	9780193 Nut, Nylock 3_8-16
22	9786768 WASHER, FLAT, .406 ID X 1.50 OD X .062 TH, SS
23	9783383 Nut 1_2 Nylon Lock
24	6785949 STOP BLOCK, FLIP UP, ASBY - 5925
25	9785780 SCREW, HEX 1_2-13 X 1.25 LG
26	9780214 Washer 1_2 LOCK
27	9781083 Washer, Flat .507 ID x 2.00 OD x .19 Thk
28	9785587 WASHER, FLAT .512 ID X 1.456 OD X .118 THK

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.2 Rotating Arm Lock Assembly



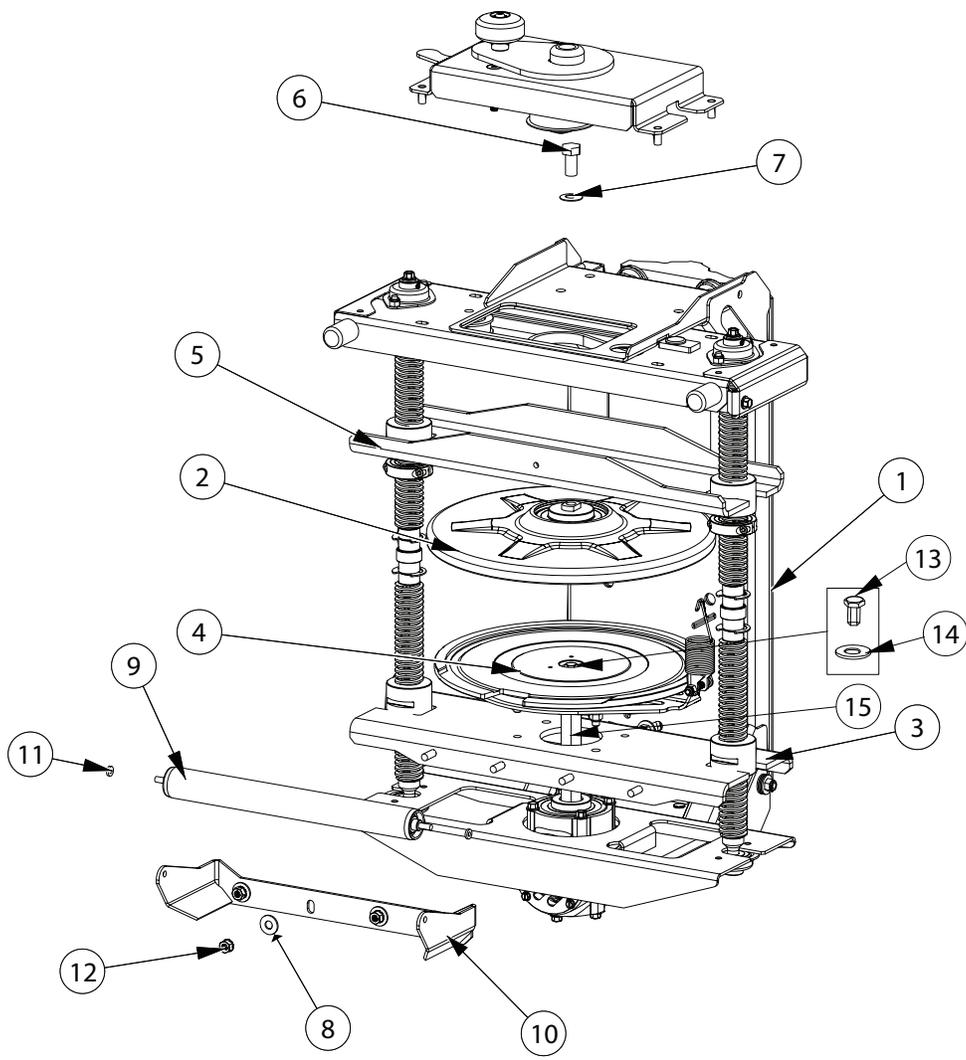
ID	Description
1	9100023 WASHER, FLAT 5_16 USS
2	9100731 WASHER, FLAT 3_8 X .82 OD
3	9561700 Screw Hex 5_16 X 1
4	9760514 Washer 1_4 SAE .281 ID
5	9780182 Nut, Nylock 5_16-18
6	9780193 Nut, Nylock 3_8-16
7	9781228 Screw Hex 3_8 X 1 1_4
8	9781541 Screw Hex 1_4 X 2 1_4
9	9782904 Screw Button 5_16-18 x .75
10	9784555 SCREW, HEX SEMS 1_4-20 X .75
11	9785092 Screw Hex 3_8-16 X 1.75 FULL THD
12	9785544 BLOCK, ROTATING STOP - 5925

ID	Description
13	9785709 BALL STUD
14	9785939 DAMPER, COMPRESSION, 100 LBS
15	9785943 MOUNT, STOP LOCK, FLIP UP - 5925
16	9785944 BRACKET, BLOCK MOUNT, FLIP UP - 5925
17	9785945 BUSHING, BRONZE
18	9785946 SPRING, EXTENSION
19	9785947 CHAIN
20	9785950 WASHER, FLAT .688 ID X 1.75 OD X .134 THK
21	9785951 BUSHING
22	9785953 NUT, KEPS 1_4-20

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued  
**8.3 Rotating Frame**



ID	Description
1	9785348 ROTATING FRAME WELD'T - 5925
2	6785936 TOP PLATE AND BEARING ASSY - 5925
3	9785341 CHANNEL, BOTTOM PLATE - 5925
4	6785825 BOTTOM PLATE ASBY, NOTCHED - 5925
5	9785340 CHANNEL, TOP PLATE - 5925
6	9780221 SCREW HEX 1_2-13 X 1.00
7	9786096 WASHER, BELLVILLE, 1.000 OD X .505 ID X .067 TH
8	9100023 WASHER, FLAT 5_16 USS

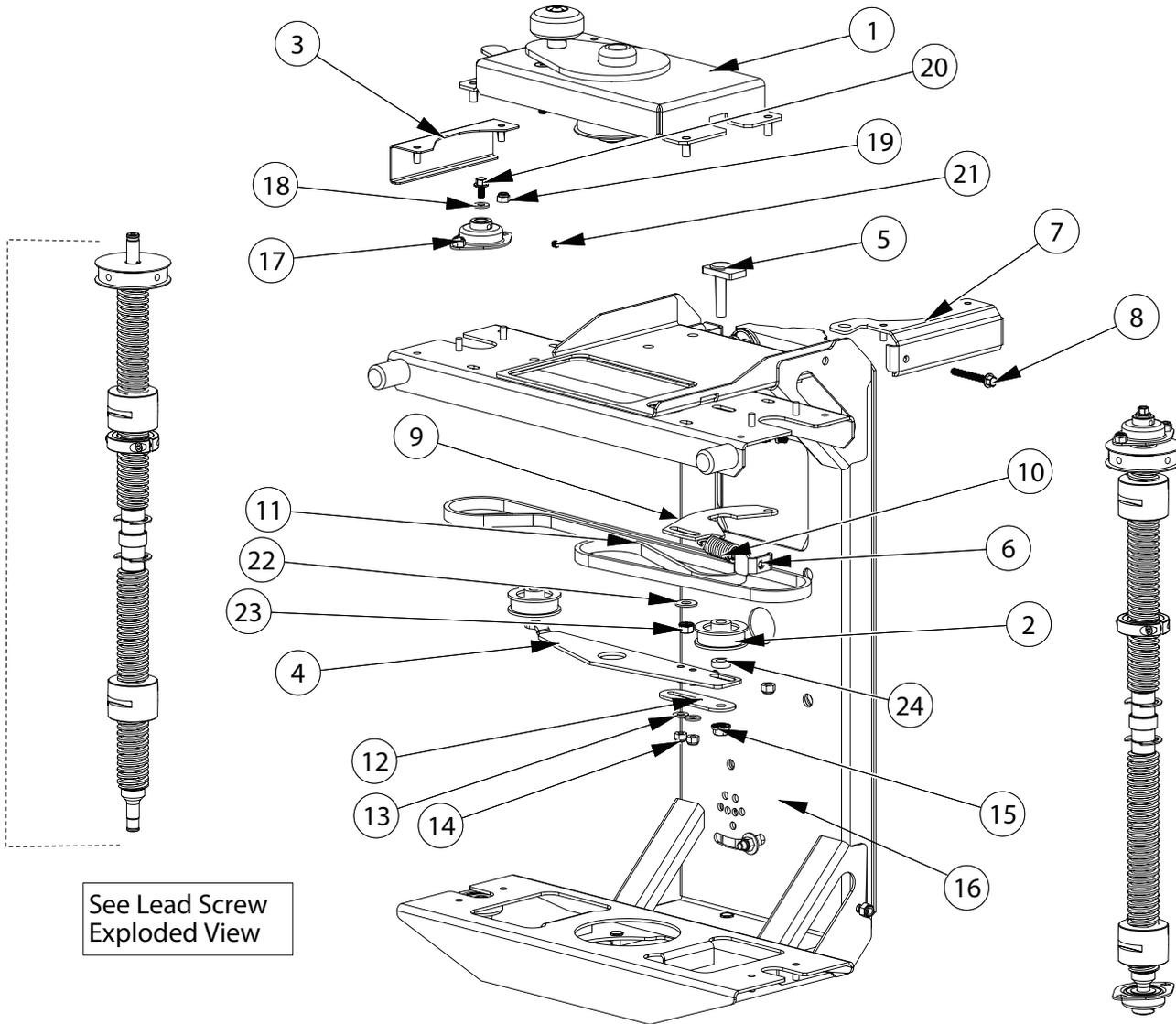
ID	Description
9	9782520 ROLLER
10	9785342 BRACKET, ROLLER - 5925
11	9785537 WASHER, NEO, .195 ID, .438 OD, .093T
12	9785782 NUT, KEPS 5_16-18
13	9787321 Screw Hex 5_16-18 X .50
14	9787320 Flat washer 5/16 X 1.0 X 0.50
15	6787326 HexShaft leit

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.4 Rotating Frame - Front



See Lead Screw  
Exploded View

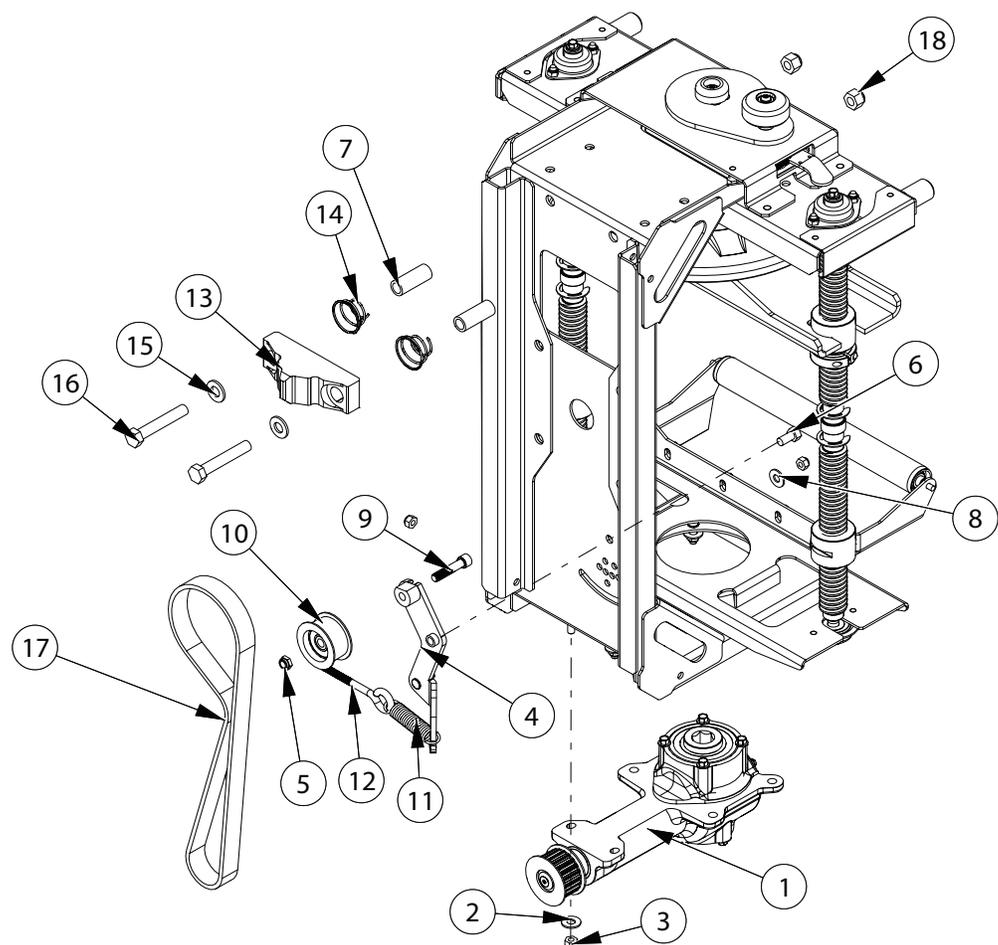
ID	Description
1	6786165 RATCHET ASSEMBLY - 5925
2	9785406 Tensioner, Pulley
3	9785531 COVER, LEAD SCREW PULLEY - 5925
4	9786101 BRACE, BOTTOM, CLAMP BELT - 5925
5	9786102 TENSIONER, CLAMP BELT - 5925
6	9786114 TAB, TENSIONER, U CHANNEL
7	9787598 COVER, TENSIONER - 5925 (05925U2 MODEL)
7	9786115 COVER, LS PULLEY, TENSIONER - 5925 (05925 MRU MODEL)
8	9786118 SCREW, SER FLANGE HEX HD, .25-20 X 2.00 LG FULL THD
9	9786100 TENSION ARM, CLAMP BELT - 5925
10	9786117 SPRING, TENSION, CLAMP BELT - 5925
11	9786081 BELT, TIMING, CLAMP - 5925
12	9786099 BRACE, SECONDARY, CLAMP BELT - 5925

ID	Description
13	9760514 Washer 1_4 SAE .281 ID
14	9780343 Nut 1_4-20 Nylon Lock
15	9786098 NUT, FLANGED, SERRATED, HEX 3_8-16
16	9785348 Rotating Frame Weldment
17	9785434 BEARING, FLANGED 2-BOLT
18	9760514 Washer 1_4 SAE .281 ID
19	9780343 Nut 1_4-20 Nylon Lock
20	9785779 SCREW, SERRATED FLANGE HEX HD, .25-20 X .50 LG
21	SCREW, SET, KNURLED CUP POINT 1_4-28 X .25
22	9100023 WASHER, FLAT 5_16 USS
23	9785782 NUT, KEPS 5_16-18
24	9786091 SPACER, 3_8 BOLT

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued  
**8.5 Rotating Frame - Back**



ID	Description
1	6786544 MITER GEARBOX ASSY - 5925
2	9100023 WASHER, FLAT 5_16 USS
3	9780182 Nut, Nylock 5_16-18
4	9786134 TENSIONER ARM, SPRING ACTUATED, S8M - 5925
5	9783951 Nut, 3_8-16 Jam Nylon Lock
6	9780144 Screw Hex 3_8-16 x .75
7	9785437 BUSHING, SPRING, STOP BLOCK - 5925
8	9100023 WASHER, FLAT 5_16 USS
9	9785783 SCREW, SOCKET HEAD CAP, 3_8-16 X 1.75
10	9785407 IDLER, SPIN DRIVE TENSIONER - 5925

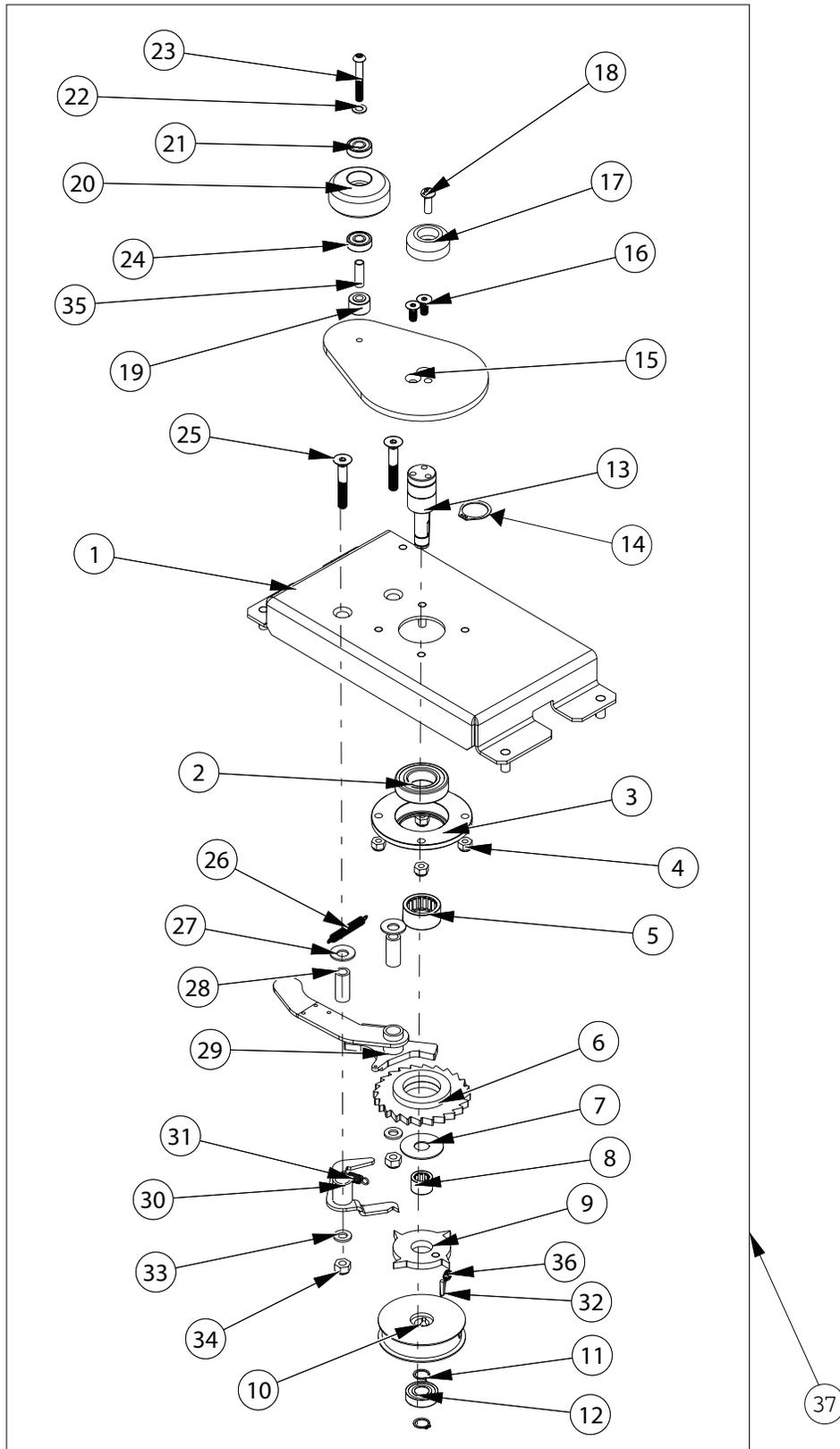
ID	Description
11	9786086 SPRING, TENSION, DRIVE - 5925
12	9786090 BOLT, EYE 5_16-18 X 3.5 LG
13	9785545 PIN, ROTATING STOP - 5925
14	9785551 SPRING, COMPRESSION, TAPERED - 5925
15	9784746 WASHER, FLAT, 1_2 HARDENED
16	9784919 Screw Hex 1_2-13 X 3
17	9786131 BELT, TIMING, DRIVE, S8M - 5925
18	9783383 Nut 1_2 Nylon Lock

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

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## 8.6 Ratchet Handle



**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

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## 8.6 Ratchet Handle, Part List

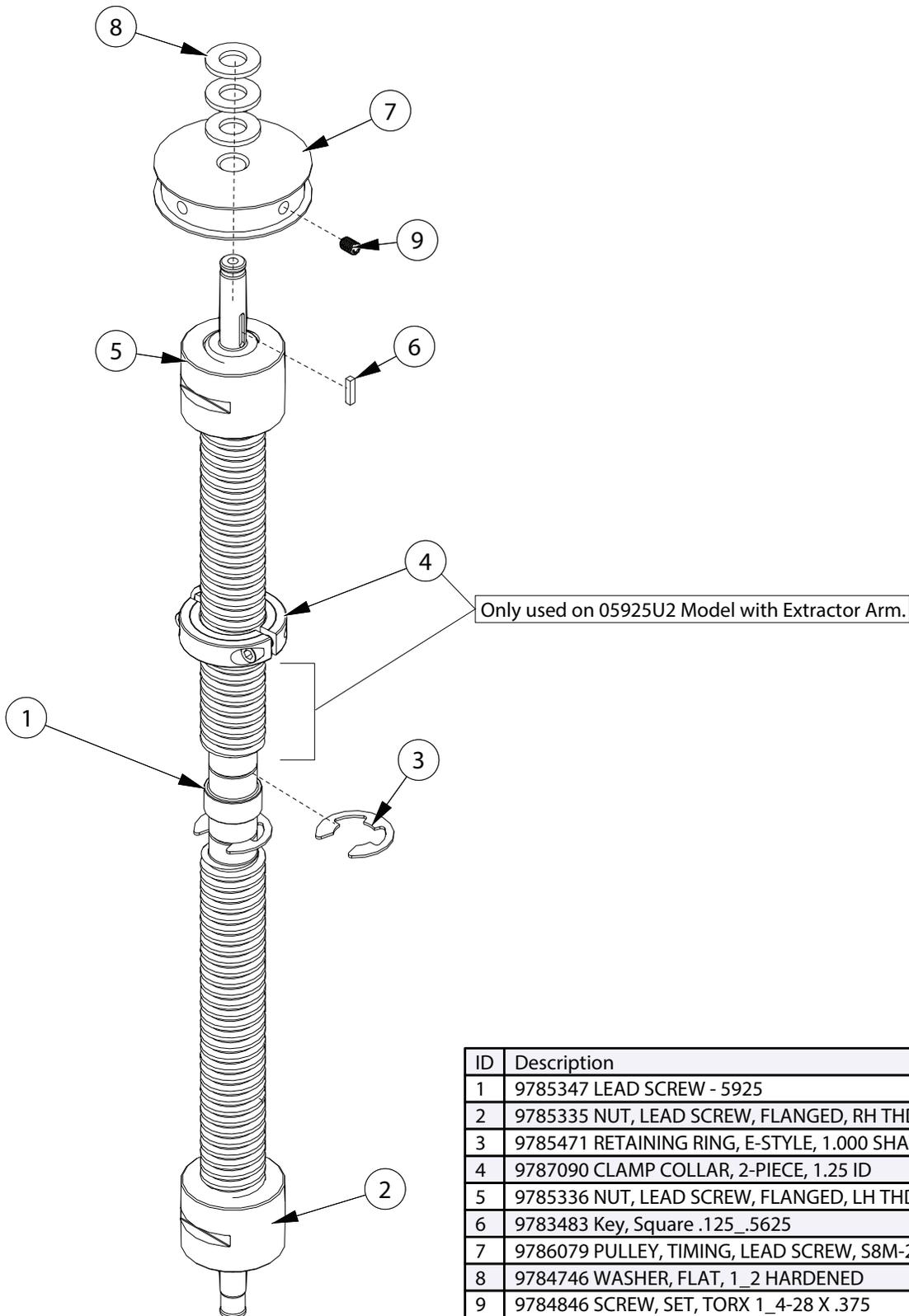
ID	Description
1	9785386 PLATE, RATCHET MOUNT - 5925
2	9785467 BEARING, RADIAL BALL 25 MM X 47 MM X 12 MM
3	9785387 HOUSING, RATCHET BEARING - 5925
4	9780343 Nut 1_4-20 Nylon Lock
5	9785466 BEARING, 1 WAY NEEDLE-ROLLER, 1.00 SHAFT
6	9785389 COG, RATCHET LARGE BORE - 5925
7	9785538 WASHER, .531 ID 1.5 OD .047 THK
8	9785465 BEARING, 1 WAY NEEDLE-ROLLER, .500 SHAFT
9	9785390 COG, RATCHET - 5925
10	9786080 PULLEY, TIMING RATCHET, S8M-28T - 5925
11	9786097 RETAINING RING, EXT., .500 Shaft
12	9786095 BEARING, RADIAL BALL .500 X 1.125 X .3125
13	9786094 SHAFT, CLAMP HANDLE, LONG - 5925
14	9785573 RETAINING RING, EXT., 0.984 SHAFT
15	9786084 HANDLE, CRANK - 5925
16	9783505 SCREW FLAT HD SOC 1_4-20 X 5_8
17	9783994 Bumper, Recess
18	9780827 Screw, Truss Head, 1_4-20 X 3_4
19	9785423 Spacer, Round, RATCHET - 5925
20	9784628 WHEEL, CRANK HANDLE - 5025
21	9784629 BEARING, RADIAL BALL, DOUBLE SHIELDED
22	9784729 WASHER, SHIM 1_4
23	9784632 SCREW, BUTTON 1_4-20 X 1.75
24	9784629 BEARING, RADIAL BALL, DOUBLE SHIELDED
25	9785785 SCREW, FLAT HEAD SOC 5_16-18 X 2.00 LG
26	9785447 SPRING, EXTENSION 2.25 X .312 X .035
27	9785986 WASHER, BELLVILLE, .877 OD X .402 ID X .062 TH
28	9785539 PIVOT, RATCHET PAWL - 5925
29	9785396 PAWL, LEVER RATCHET LOCK - 5925
30	9785398 PAWL, SECONDARY RATCHET - 5925
31	9785448 SPRING, EXTENSION, RATCHET - 5925
32	9783483 Key, Square .125_.5625
33	9785576 WASHER, FLAT M8 ZINC
34	9780182 Nut, Nylock 5_16-18
35	9785283 BUSHING, STEEL - 5025 CRANK HANDLE
36	9784846 SCREW, SET, TORX 1_4-28 X .375
37	6786165 Ratchet Assembly

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.7 Lead Screw



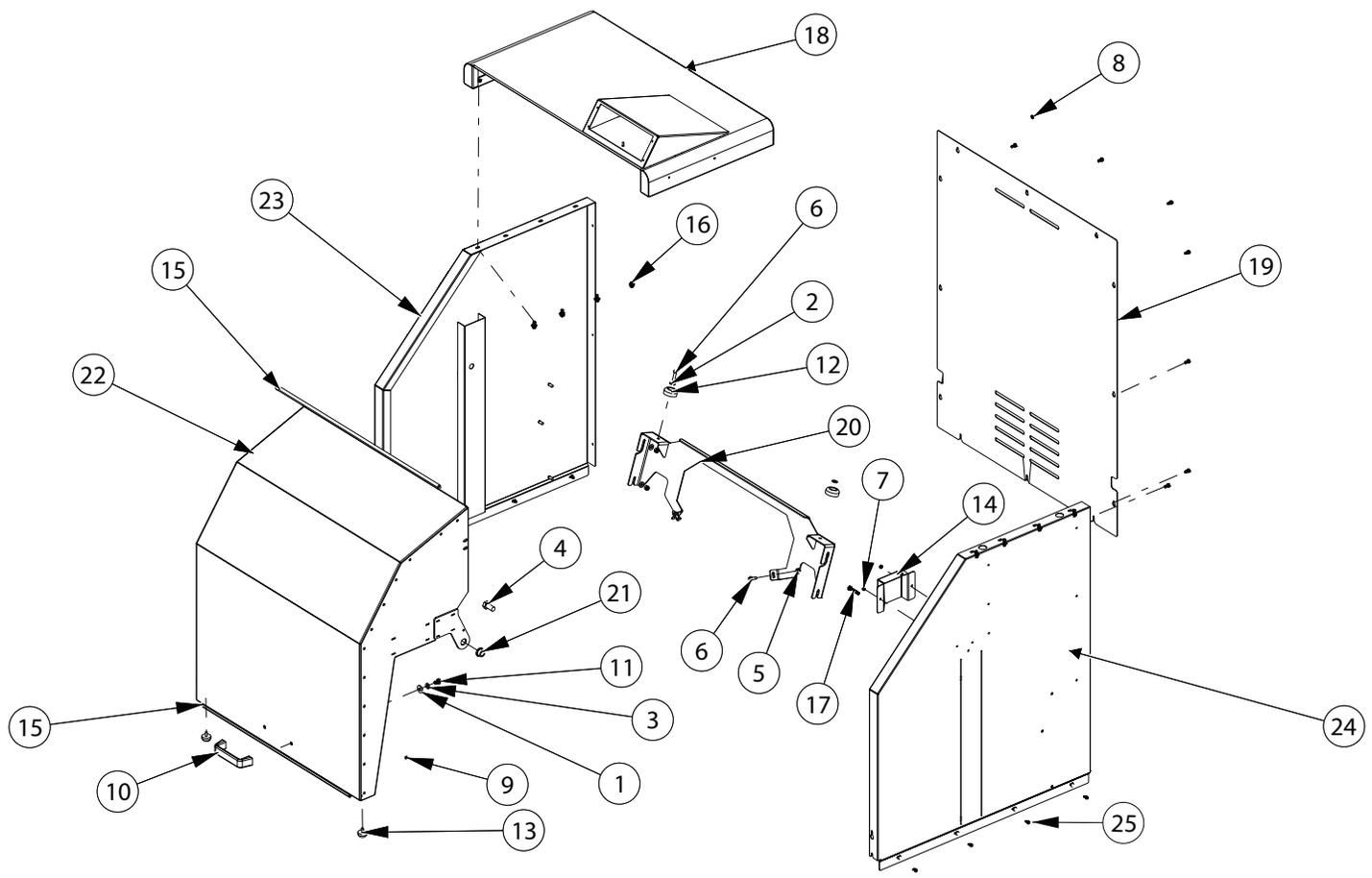
ID	Description
1	9785347 LEAD SCREW - 5925
2	9785335 NUT, LEAD SCREW, FLANGED, RH THD - 5925
3	9785471 RETAINING RING, E-STYLE, 1.000 SHAFT
4	9787090 CLAMP COLLAR, 2-PIECE, 1.25 ID
5	9785336 NUT, LEAD SCREW, FLANGED, LH THD - 5925
6	9783483 Key, Square .125_ .5625
7	9786079 PULLEY, TIMING, LEAD SCREW, S8M-28T - 5925
8	9784746 WASHER, FLAT, 1_2 HARDENED
9	9784846 SCREW, SET, TORX 1_4-28 X .375

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.8 Shroud



ID	Description
1	9100023 WASHER, FLAT 5_16 USS
2	9760514 Washer 1_4 SAE .281 ID
3	9760521 Washer 5_16 Lock, Split
4	9780221 SCREW HEX 1_2-13 X 1.00
5	9780343 Nut 1_4-20 Nylon Lock
6	9781831 Screw, Hex 1_4 X 1
7	9781840 Nut, Keps #8-32
8	9780366 Screw, 1/4-20 SHWH Tap
9	9783426 Nut, Keps #10-32
10	9783987 Handle, Door - 5025
11	9783988 Screw Hex 5_16-18 X .50
12	9783994 Bumper, Recess
13	9785137 BUMPER, RUBBER - THREADED STUD

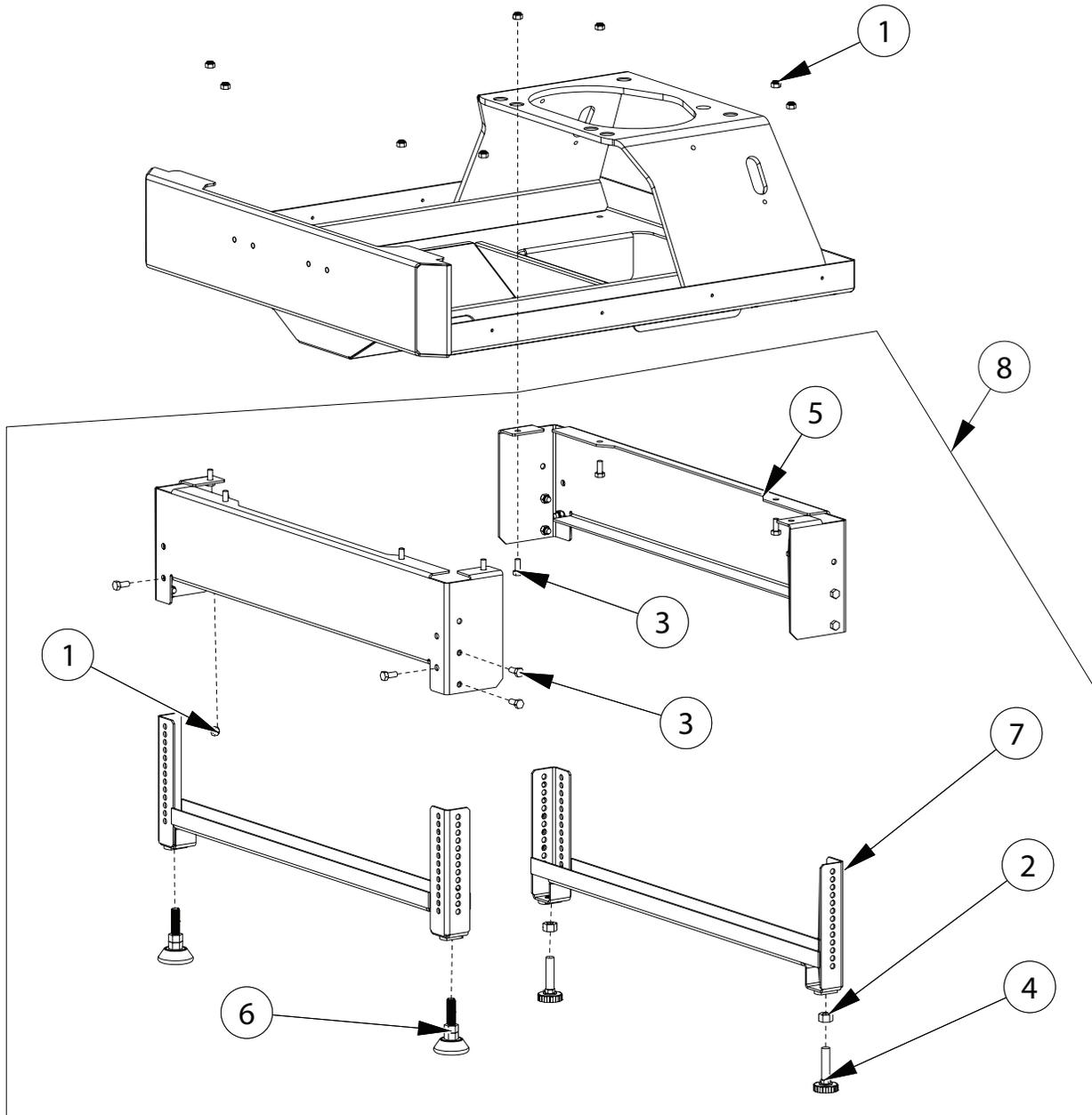
ID	Description
14	9785373 COVER, LIMIT SWITCH - 5925
15	9785773 SEAL, DOOR - 5925
16	9785779 SCREW, SERRATED FLANGE HEX HD, .25-20 X .50 LG
17	9785786 SCREW, HEX CAP 1_4-20 X 1.50 FULL THD
18	9786698 PANEL, TOP, 5025-5925
19	9786699 PANEL, BACK, 5025 - 5925
20	9786722 STOP, DOOR, ONE PIECE - 5925-5025
21	9786732 BEARING, BRONZE, FLANGED, .50 ID
22	9786734 DOOR WELDMENT - 5925-5025
23	9786735 PANEL, SIDE, LEFT - 5925-5025
24	9786736 PANEL, SIDE, RIGHT - 5925-5025
25	9780366 1/4-20 Thread Cutting Screw

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.9 Riser Kit



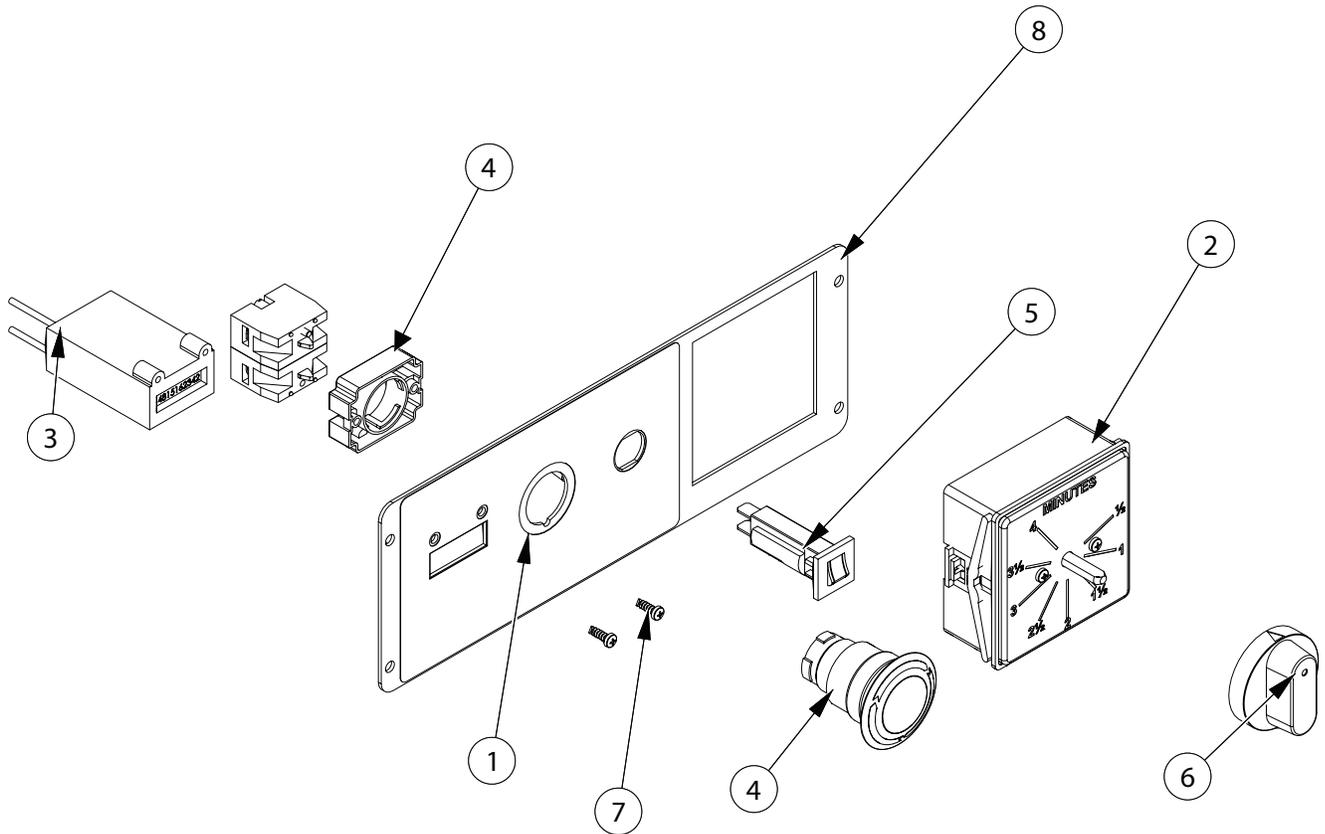
ID	Description
1	9780182 Nut, Nylock 5_16-18
2	9781711 NUT, 1_2-13
3	9782407 Screw Hex 5_16 X 3_4
4	9785721 FOOT, GLIDER - 1_2-13
5	9786767 RISER, UNIVERSAL RR - 5025 - 5925
6	9785722 FOOT, NON SKID, LEVELING - 1_2-13
7	9786766 LEG, CROSSBAR, UNIVERSAL RR - 5025 - 5925
8	6786807 Kit Riser

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.10 Control Panel 110 Volt 60 Hz



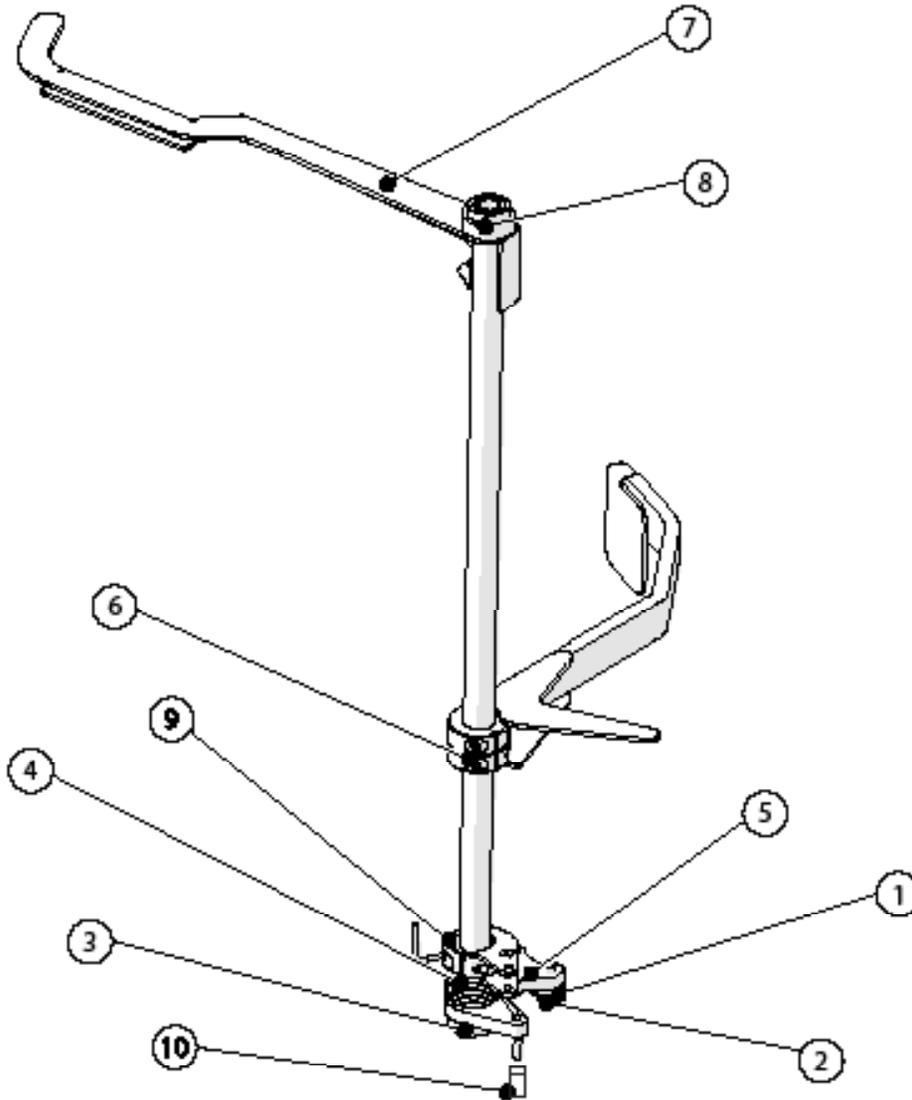
ID	Description
1	1785491 Label, Mech Timer - 5925
2	5756690 Assembly, Timer
3	5784008 Counter, cycle
4	5784827 E-STOP SWITCH
5	5785315 Circuit Breaker, 20 Amp, Pop-out
6	9756960 Knob
7	9784198 Screw, Pan hd thd forming #4 x .38
8	9785520 PLATE, MECHANICAL TIMER - 5925

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

Exploded Views, Continued..

...Exploded Views, Continued

## 8.11 Extractor Arm



ID	Description
1	9100023 WASHER, FLAT 5_16 USS
2	9782407 Screw Hex 5_16 X 3_4
3	9787395 BUSHING, Flngd .759 ID, Bronze, Lower
4	9787399 TORSION SPRING, R
5	9787599 BRACKET BOTTOM EXTRACT ARM 5925

6	9787600 Extraction Arm Weldment
7	9787601 HANDLE, Extractor with Shaft -5925
8	9787602 BRONZE BUSHING
9	9787604 Torsion Spring Bracket - 5925
10	9787611 CAP, VINYL .125 X 0.5

**PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY**

## 9. Ordering

### Replacment Parts

#### HOW TO ORDER REPLACEMENT PARTS

Replacement parts can be ordered from Radia by telephone, fax, or email:

#### **RADIA**

800-221-1083  
763-533-2969  
763-533-0015 (FAX)  
orders@radiaproducts.com

If you need help in determining the proper part(s) to order, please call Customer Care at 1-800-221-1083. Always indicate the Model and Serial numbers of the machine when ordering replacement parts.

#### GENERAL PARTS REPLACEMENT POLICIES

While your machine is under warranty, do not attempt on-site repair or parts replacement without first contacting RADIA. (to protect your warranty). After the warranty expires, replacement parts and recommendations for on-site servicing are available from RADIA. Please contact Customer Care for assistance.

#### RESTOCKING FEE

A restocking fee will be charged on all unused parts which are returned.



For instructional "How To" videos please visit:  
[www.radiaproducts.com](http://www.radiaproducts.com)



# 10. Warranty

## Equipment Covered Under This Warranty

### Models 0-5925

Radia warrants equipment manufactured by it and bearing its name to be free from defects in material and workmanship.

**EXCEPT FOR THE WARRANTY SET FORTH HEREIN, RADIA MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO THE EQUIPMENT, INCLUDING ANY (a) WARRANTY OF MERCHANTABILITY; (b) WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; OR (c) WARRANTY AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OF A THIRD PARTY; WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE.**

This warranty applies only when the equipment is installed, operated and maintained in accordance with written Radia instructions as appearing in the owners' manuals.

This warranty does not cover, and Radia shall not be liable for, any malfunction, damage, or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering or substitution of non-Radia component parts, modification or use for non-intended purposes. Nor shall Radia be liable for malfunction, damage or wear caused by the incompatibility of Radia equipment with structures, accessories, equipment, or materials not supplied by Radia.

Subject to the limitations set forth above, Radia shall (i) repair or replace the equipment (or the defective part) or (ii) credit or refund the price of such equipment. Costs of labor and transportation for service of machines under this warranty will also be covered during the warranty period if Radia elects to repair or replace the equipment. Normal ground freight will be covered for replacement parts sent within the warranty period. For customers outside of the US and Canada, the warranty is for parts only. Ground or common carrier ground freight will be covered for the return of defective items only. In no case shall Radia's liability exceed the amount of the purchase price.

\*All warranty repairs must be executed by a Radia Authorized Service Center or warranty will be voided.

**THE REMEDIES SET FORTH HEREIN ARE PURCHASER'S SOLE AND EXCLUSIVE REMEDY and RADIA'S ENTIRE LIABILITY FOR ANY BREACH OF THE LIMITED WARRANTY SET FORTH HEREIN.**

Please contact your Radia Relationship Manager at 800-221-1083 for specific questions regarding specific questions regarding warranty terms.





## For sales or service, please contact

RADIA  
Attn: Customer Service Department  
14900 21st Ave N  
Plymouth, Mn 55447  
USA

**U.S. Telephone:** 800.221.1083  
**International Telephone:** 763.533.2969  
**Fax:** 763.533.0015  
**E-mail:** [info@radiaproducts.com](mailto:info@radiaproducts.com)

[www.radiaproducts.com](http://www.radiaproducts.com)



For instructional "How To" videos please visit:  
[www.radiaproducts.com](http://www.radiaproducts.com)

