



## Model PR12

### Owner's Manual

Revised October 2019



**Patty-O-Matic Inc.**

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**MADE IN USA**



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Thank you and congratulations on the purchase of your new Model PR12 Patty Molding Machine from Patty-O-Matic, Inc! The Model PR12 will form, interleave paper between, and stack patties. This machine is designed for easy operation and cleaning. Please become familiar with this manual and your machine will give you many years of productive service.

The Model PR12 is shipped to you in at least two cartons which contain the patty machine, feed tray complete with mold plate guard, rear machine guard, spare parts box, riser platform, and this manual. If you purchased your machine with any other accessories, such as a mobile table or patty paper, these items may be in a separate carton.

Your machine is equipped with two interlocks. One is located on the top of the machine and one is located on the back of the machine. The Rear Machine Guard must be installed properly to engage the interlock on the back of the machine and the Feed Tray must be installed on top of the Hopper to engage the interlock on top of the machine.

### **Installing Machine onto Riser Platform**

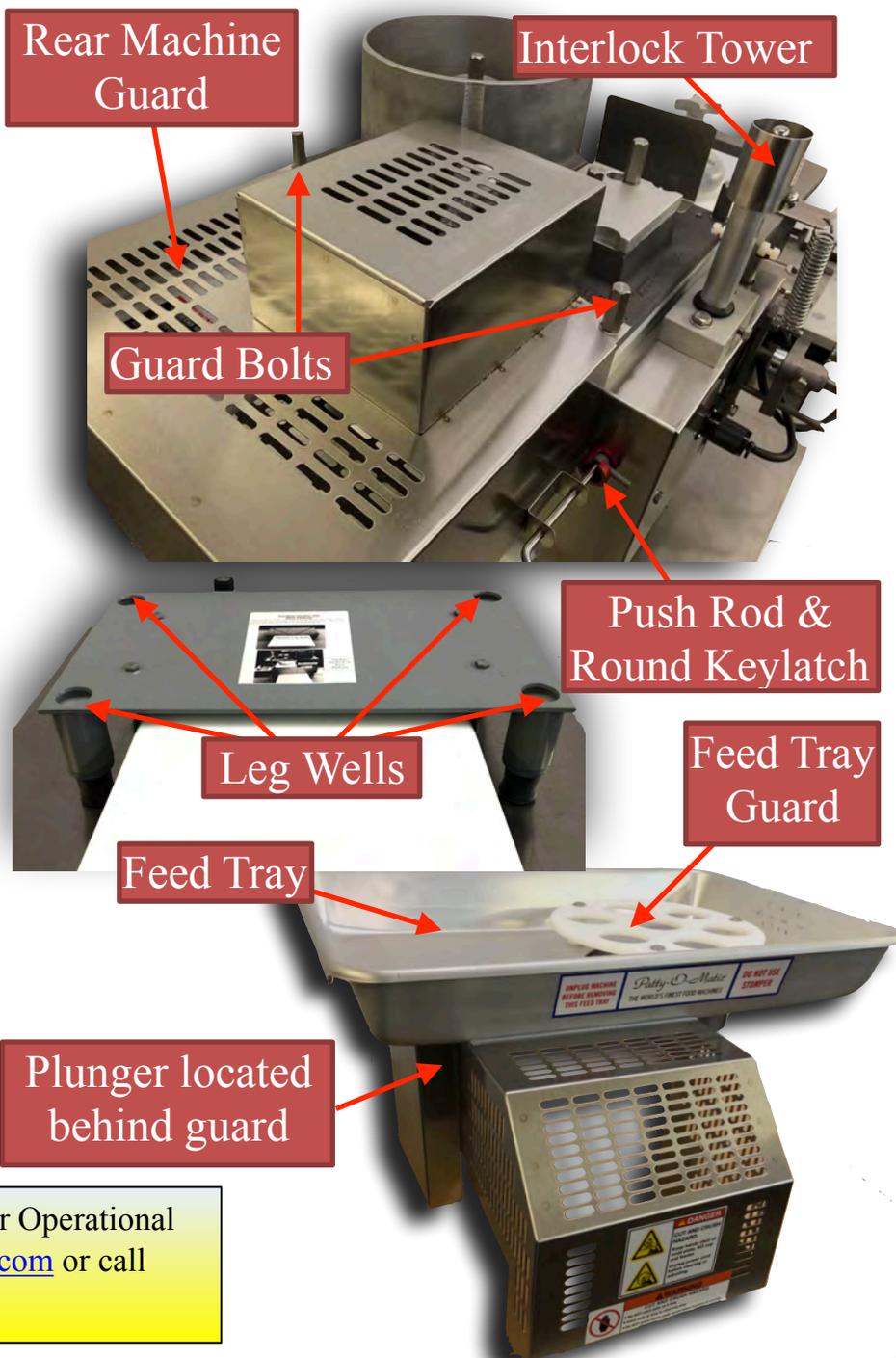
Place machine on the riser platform making sure the 4 legs of the machine go into the 4 leg wells on the Riser Platform. The Picture shown shows the front view of the Riser Platform.

### **Installing Rear Machine Guard**

Loosen the two bolts, one on the Hopper and one on the rear of the machine. Place Rear Machine Guard under the washers located under the bolt heads. Tighten bolts using the provided Speed Driver. To activate the interlock, slide push rod into the plunger, inside the keylatch, and turn rod to the right. This will lock the push rod in place and activate the interlock.

### **Installing the Feed Tray**

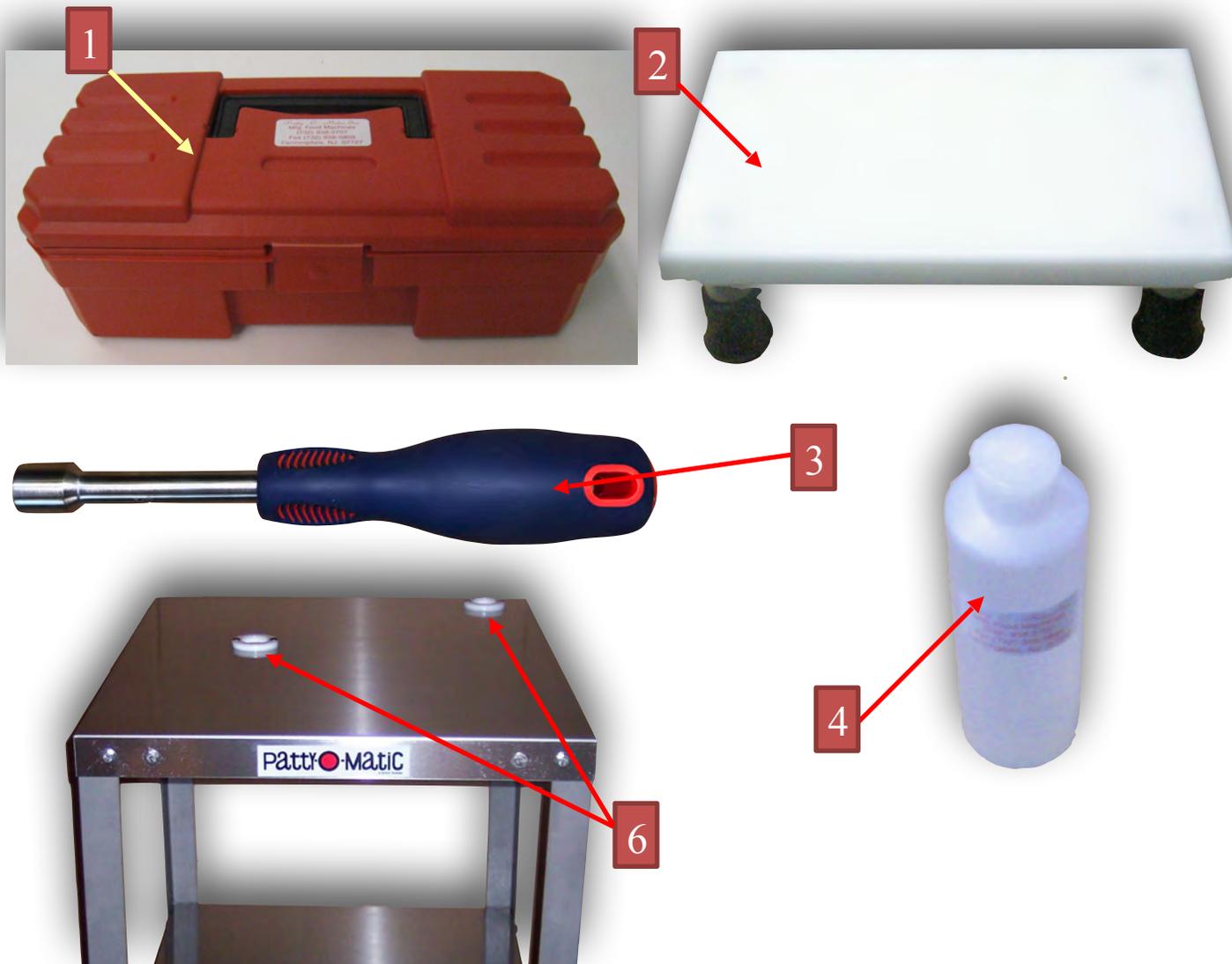
Place stainless steel tube of Feed Tray over the Hopper. Make sure the Plunger on the bottom of Feed Tray depresses the Tower Stem inside the Tower Sleeve.



For Additional Information or to view our Operational Videos please visit [www.PattyOMatic.com](http://www.PattyOMatic.com) or call 732-938-2757

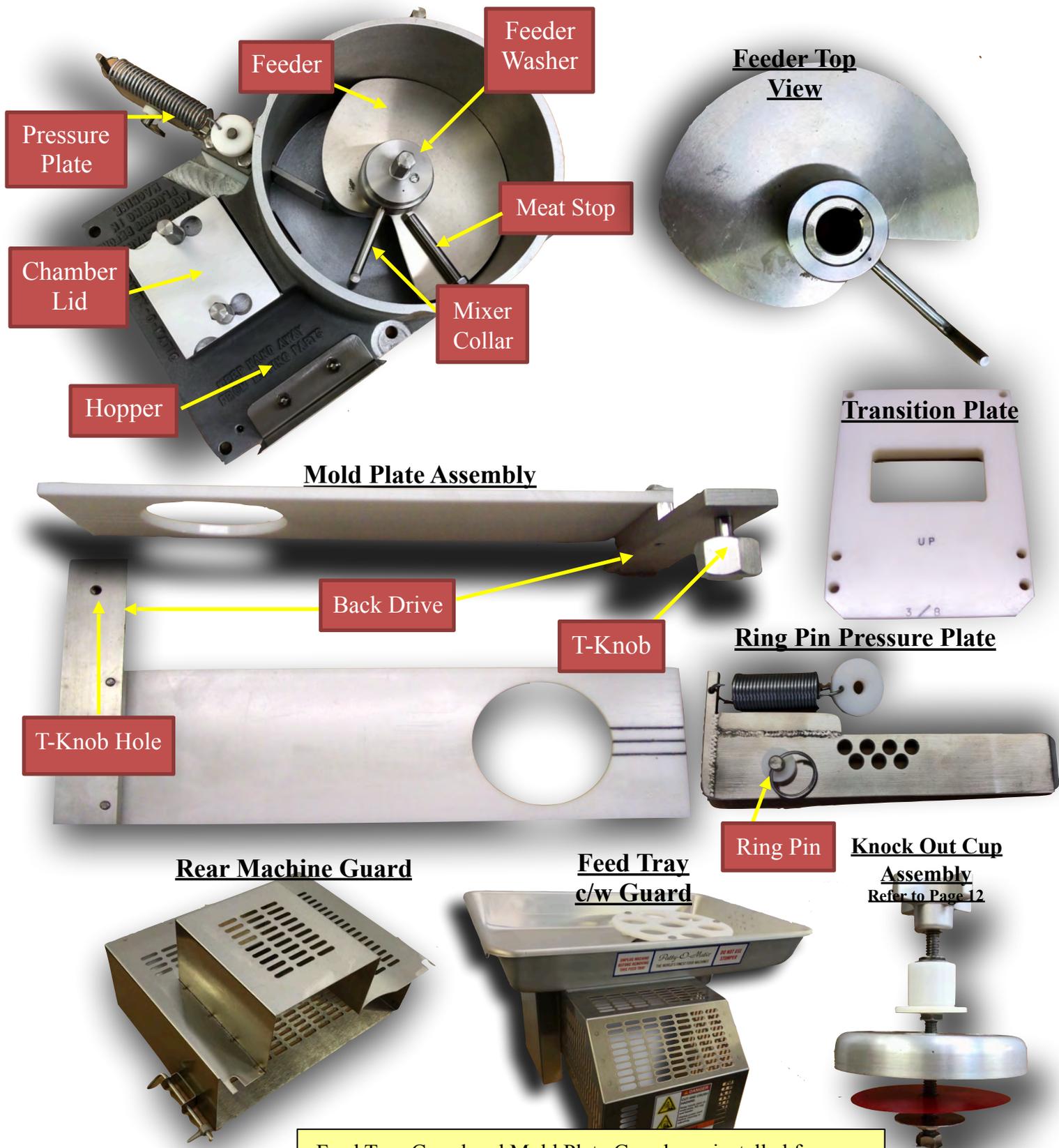
## Accessories Equipped with the Model PM18

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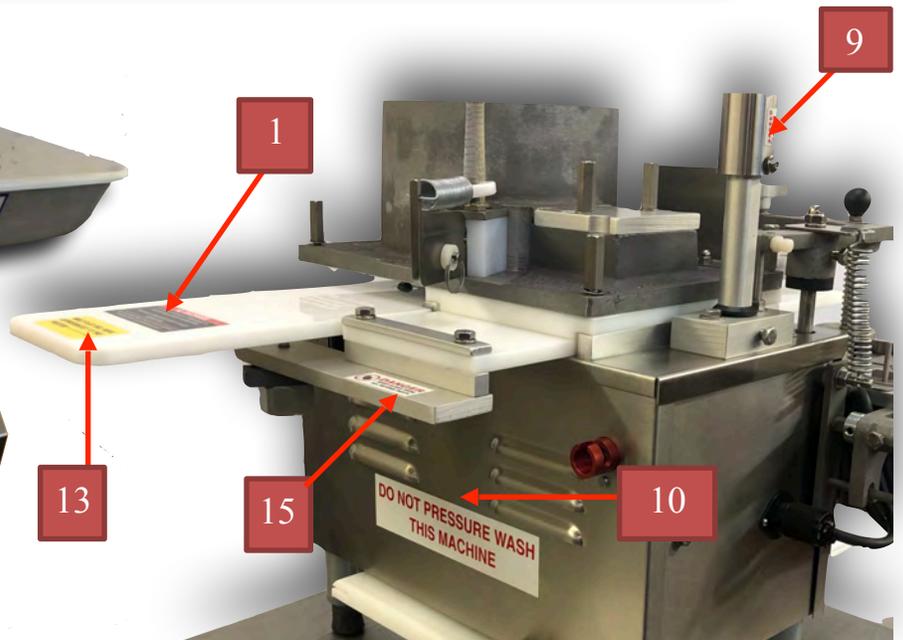
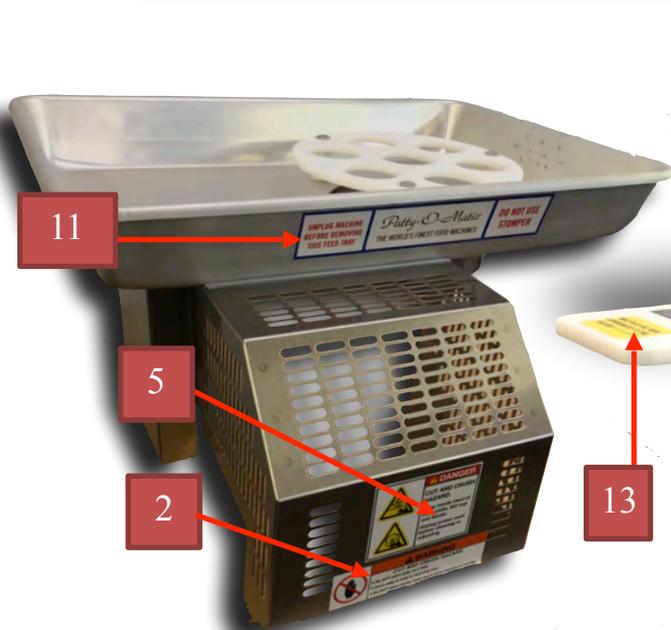
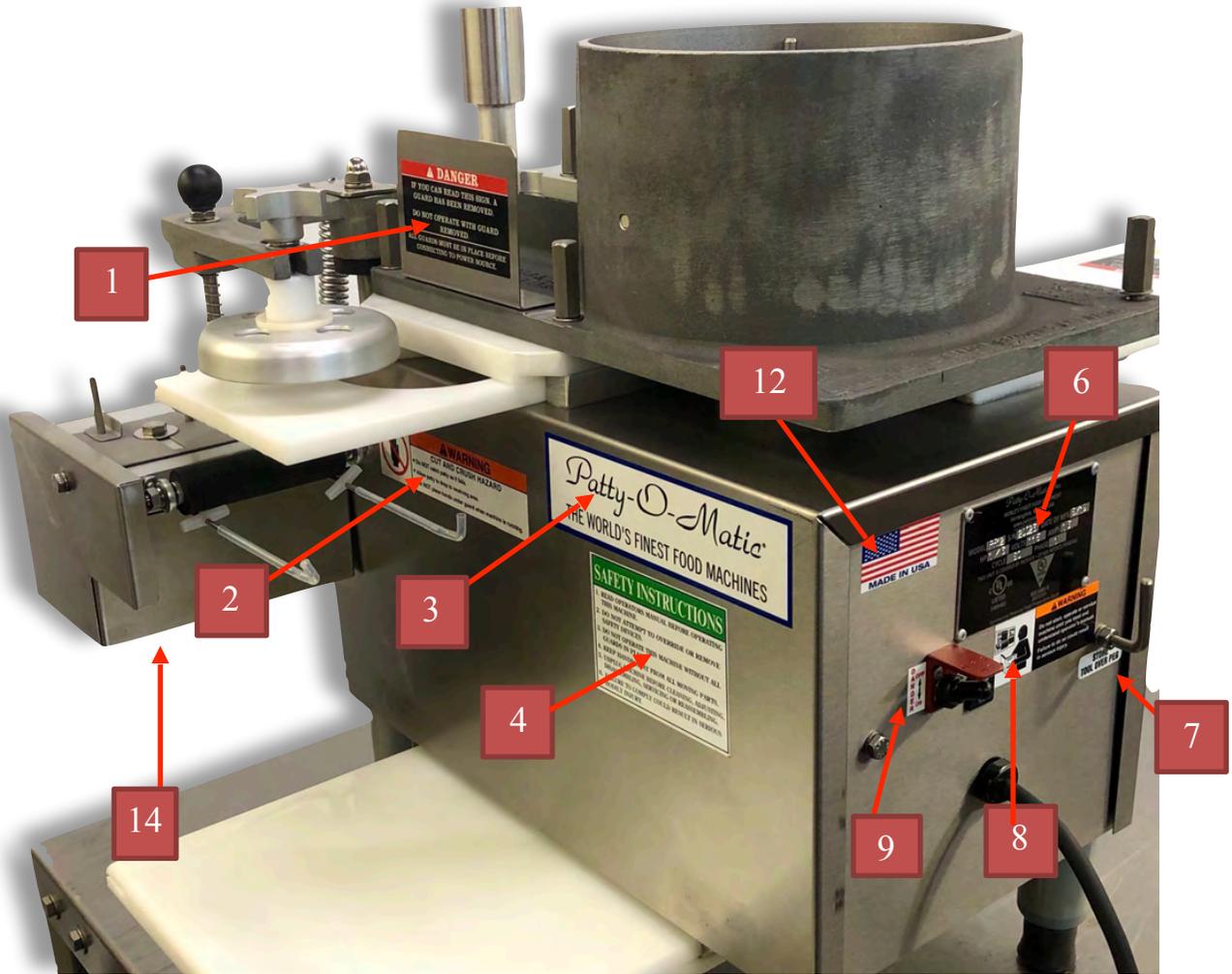
| <u>Item#</u> | <u>Description</u>   | <u>Part #</u> |
|--------------|--|---------------|
| 1            | Spare Parts Box  | 655           |
| ↙            | Holds Spare Parts, Patty Paper Sample, Machine Lubricant, Speed Driver, and Locator Rings c/w instructions |               |
| 2            | Receiving Table  | 609-6         |
| 3            | Speed Driver   | 544           |
| 4            | 8 Ounce Bottle of Machine Lubricant and Cleaner  | 600           |
| 5            | Gallon of Machine Lubricant(Separate Order Only)   | 600A          |
| 6            | Machine Locator Rings  | 610-2         |

**Please become familiar with some of the parts of your machine prior to operation**

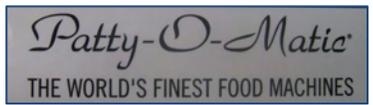


Feed Tray Guard and Mold Plate Guard, are installed for your safety. Do not tamper with them in any way!

# Proper Label Location for a Model PR12



| <u>Item #</u> | <u>Description</u>         | <u>Part#</u> |
|---------------|----------------------------|--------------|
| 1.            | Danger Label 3             | 514-09a      |
| 2.            | Warning Orange             | 514-02       |
| 3.            | Patty-O-Matic              | 514-08       |
| 4.            | Safety instructions        | 514-06       |
| 5.            | Danger Label 2             | 514-00       |
| 6.            | Serial Tag For UL Machines | 514-15UL     |
| 7.            | Store Tool                 | 514-14       |
| 8.            | Warning Manual             | 514-01       |
| 9.            | Danger on/off              | 514-05       |
| 10.           | Do Not Pressure Wash       | 514-04       |
| 11.           | Unplug Machine             | 514-07       |
| 12.           | Made in USA                | 514-19       |
| 13.           | Pro Position               | 514-11       |
| 14.           | Pro Risk                   | 514-17       |
| 15.           | Danger Keep Clear          | 514-16       |



## Proper Procedure for Operating a PR12

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When the Model PR12 is fully assembled with all guards secured in their proper place, put product to be molded in the Feed Tray. Push the product through the holes in the Feed Tray Guard, or under the Feed Tray guard and into the Hopper. **DO NOT PUT HANDS OR FINGERS, OR FOREIGN OBJECTS, SUCH AS STOMPERS OR PLUNGERS INTO THE HOPPER. THERE ARE NO STOMPERS OR PLUNGERS NECESSARY WHEN USING THIS UNIT, THEREFORE NONE ARE SUPPLIED.** After you allow product to drop into the Hopper turn the machine on by moving the On/Off switch down towards the on position. The machine may need to cycle a few times to prime the machine with product. As patties are being formed, continue to push product through the holes and under the Feed Tray Guard. Patty paper may be added to the machine as needed. The machine can hold up to 3/4 inch of paper at a time, but no more.

As the Mold Plate moves back and forth to form patties, a thin coating of product may accumulate over its surface, the Knock Out Cup, or on the front of the Hopper and Transition Plate. This accumulation does occur on all molding machines and it is nothing to be concerned with. Do Not attempt to clean this accumulation while machine is plugged in. There are certain machine settings that may lessen this accumulation.

### Setting the Ring Pin Pressure Plate for your Patty Size

The Purpose of the Pressure Plate is to entrap the amount of product necessary to form your patty and to control the firmness of your patty. With the Pressure Plate set correctly you will in turn have less leakage, oozing, over working of your product, and less strain on your machine.

If your patty weight is 8 ounces, keep the ring pin in the storage hole as described in the picture. This will allow the Pressure Plate to move all the way into the Hopper and stop on the welded stop. This setting traps the most product and is the maximum volume setting.

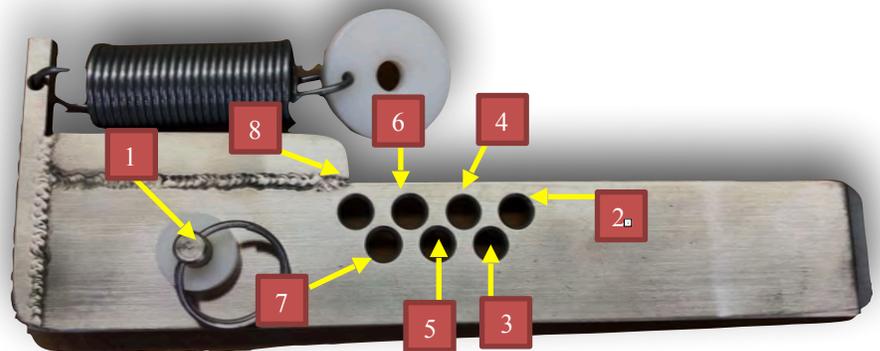
If your patty weight is 4 ounces, place the ring pin in the 4 ounce hole.

If your patty weight is 6 ounces, place the ring pin in the 6 ounce hole.

If you would like to have a tightly packed patty, move the ring pin to a higher than recommended setting.

**THESE ARE ONLY RECOMMENDED SETTINGS. A VARIETY OF CIRCUMSTANCES MAY CALL FOR YOU TO INSERT THE RING PIN IN A DIFFERENT LOCATION.**

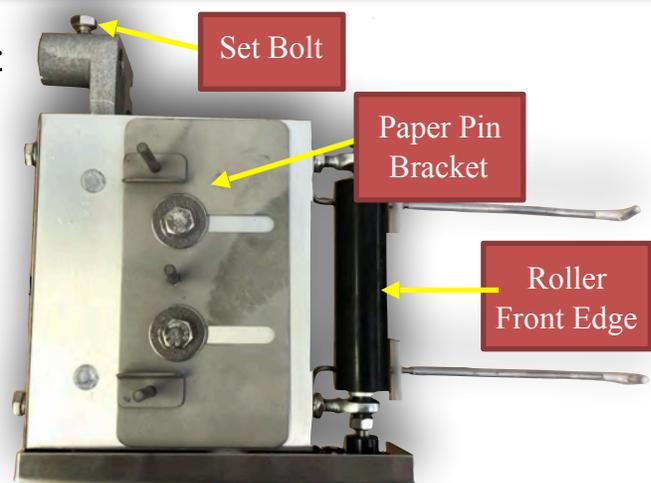
- |                              |
|------------------------------|
| 1 - Ring Pin in storage hole |
| 2 - 2 ounce hole             |
| 3 - 3 ounce hole             |
| 4 - 4 ounce hole             |
| 5 - 5 ounce hole             |
| 6 - 6 ounce hole             |
| 7 - 7 ounce hole             |
| 8 - 8 ounce welded stop      |



### Adjusting the Paper Attachment for different size paper

1. The Paper Pin Bracket can be adjusted for different paper by loosening the bolts. To avoid improper paper feeding, the correct setting is to have the leading edge of the paper in line with the front edge of the roller.

2. The Paper Attachment can also move for further adjustment by loosening the set bolt and sliding the attachment. The set collar(not shown) located on the support shaft may need to be loosened to move the Paper Attachment toward the mold plate.



## Changing Your Machine's Mold Plate

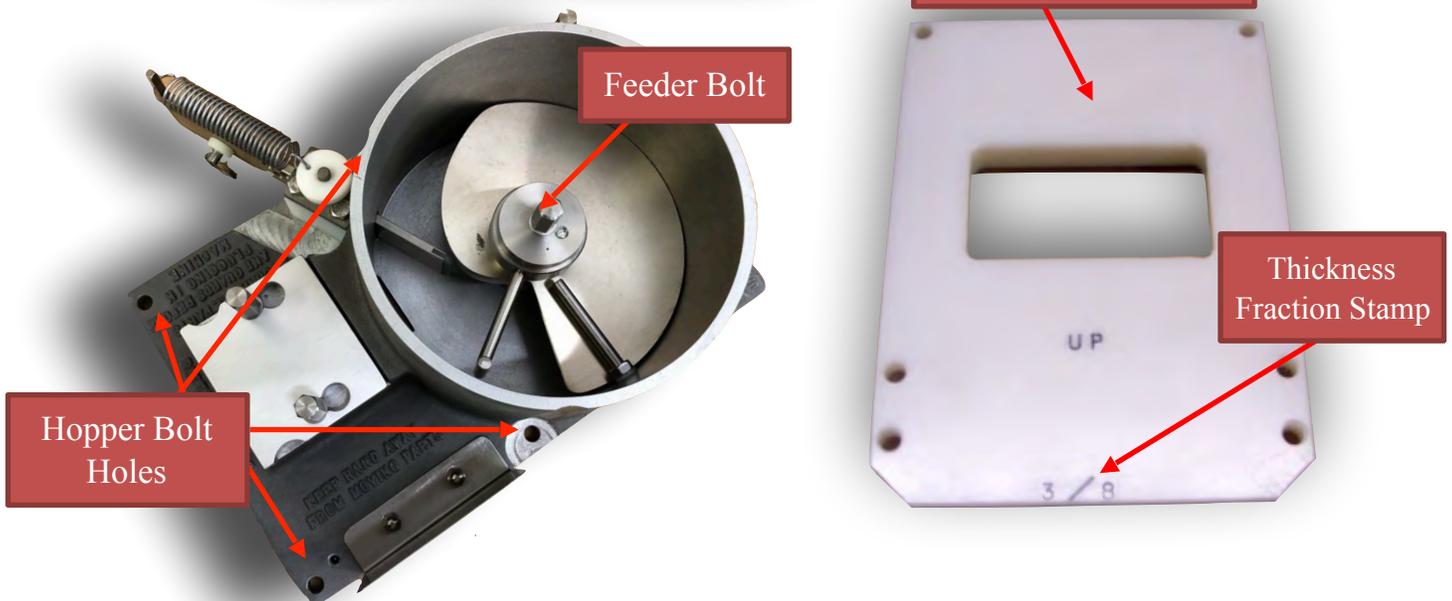
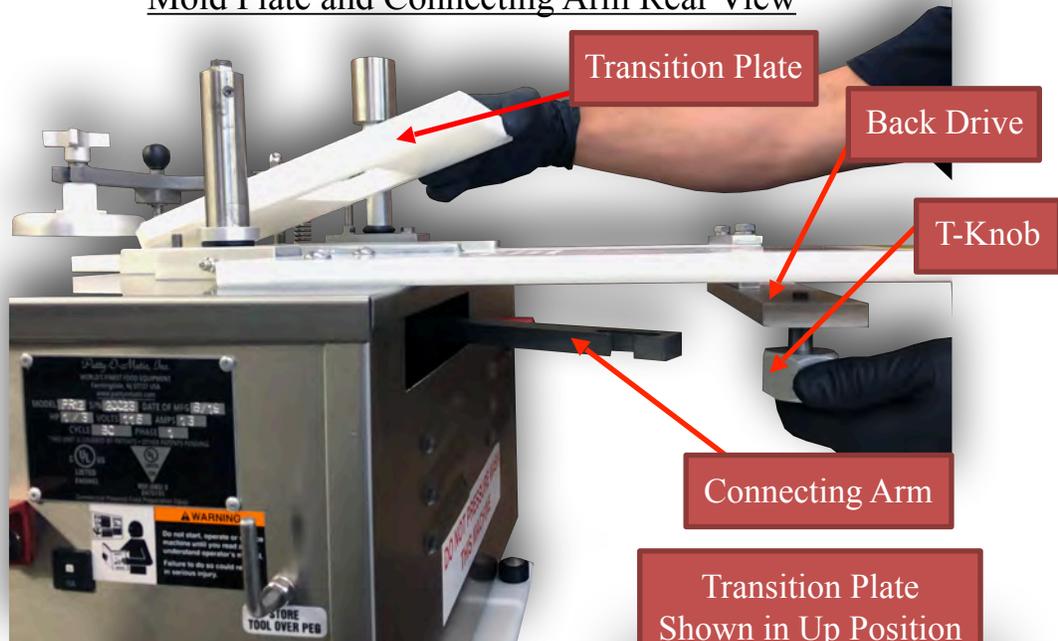
Always disconnect the machine from its power source  
before attempting to change or clean any of the machines component parts.

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First remove the T-Knob from the Back Drive of the Mold Plate, then pull the Mold Plate out from the rear of the machine. If you prefer, remove the Mold Plate from the machine without removing the T-Knob from the Back Drive. Simply unhook Connecting Arm from the T-Knob and slide the Mold Plate from the rear of the machine.

When changing the Mold Plate always use the corresponding Transition Plate. The thickness fraction stamped on the Transition Plate should match the fraction stamped on the front right corner of the Mold Plate. For example: if your Mold Plate is stamped "4F 1/2" then the Transition Plate should be stamped "1/2". The Transition Plate is removed by removing the four Hopper hold down Bolts and the Feeder Hold Down Bolt. Once these bolts are removed lift the Feeder from the Hopper and the hopper from the machine. Once the Hopper and Feeder are removed lift the Transition Plate and replace it with a different size. Make sure the fraction that is stamped on the Transition plate is facing the front of the machine. After putting the new Transition Plate in place replace the Hopper and Feeder, then install the same thickness mold plate. Be sure to replace the Knock Out Cup to match the new Mold Plate size.

### Mold Plate and Connecting Arm Rear View



## Proper Disassembly for Cleaning your Model PR12

**Always Unplug Machine from its  
Electrical Source Before Cleaning**

- Remove Feed Tray by lifting it off the Hopper, and the Rear Machine Guard by loosening the Guard Bolts, and unlatching the push rod.

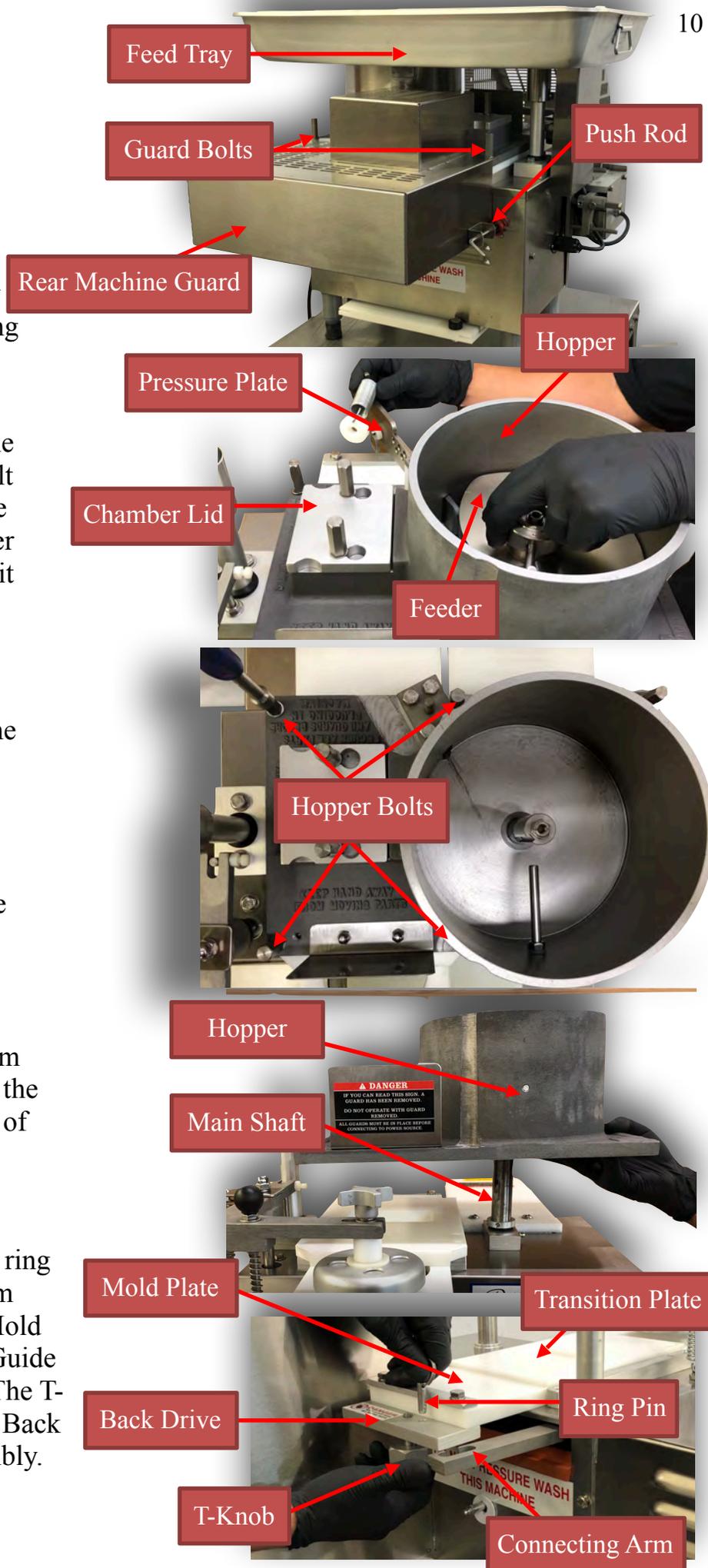
- Remove Pressure Plate by detaching spring and sliding Pressure Plate from the inside of the hopper. Remove Feeder Bolt by unscrewing it hold down bolt with the speed driver, and removing feeder washer from the machine. Spin the Feeder until it clears the meat stop and lift it from the inside of the Hopper.

- Remove the four Hopper Bolts using the provided speed driver. Loosen the two bolts on the Chamber Lid so it can be removed for additional cleaning.

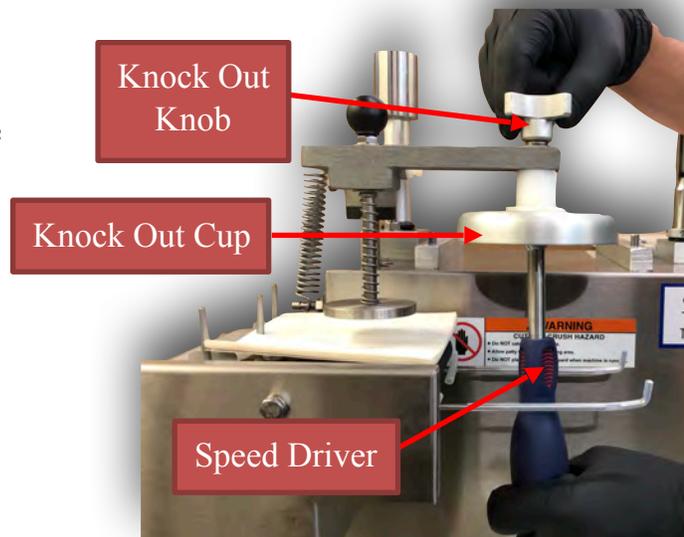
- Remove the Hopper by lifting it off the Main Shaft of the machine.

- After the Hopper is removed from the machine remove the Transition Plate from the top of the Guide Rails. Occasionally the Transition Plate may stick to the bottom of the Hopper

- Remove the Mold Plate by pulling the ring pin and disengaging the Connecting Arm from the T-Knob. This will allow the Mold Plate to be removed from between the Guide Rails and removed from the machine. The T-Knob may also be un-screwed from the Back Drive as an alternate means of disassembly.



- Remove the Knock Out Cup by loosening the Knock Out Knob while holding the other end of the bolt with the Speed Driver provided with the machine.
- All of the parts that were removed from the machine can now be washed and sanitized thoroughly. USDA recommends the sanitizing solution should be 50 parts per million but no more than 200 parts per million. The machine itself should be cleaned and sanitized by hand. After all the parts are cleaned, sanitized and dry they should be coated in mineral oil as an extra protectant.



**DO NOT HOSE DOWN OR PRESSURE WASH THIS MACHINE!**

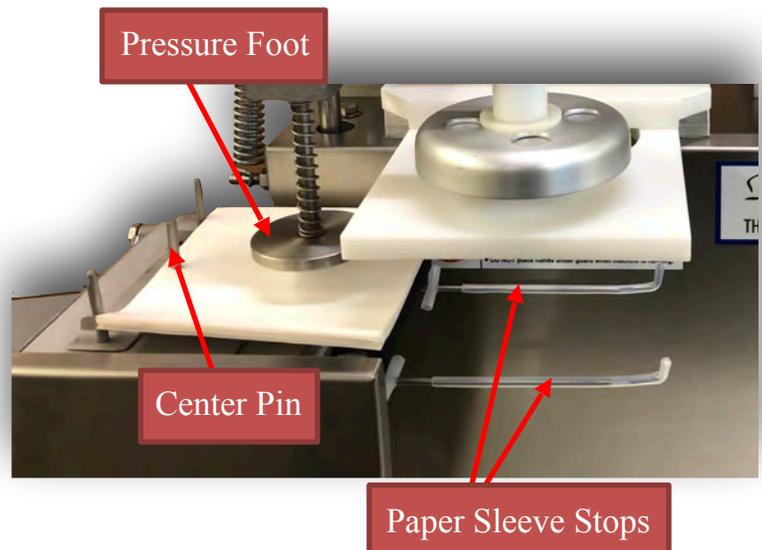
\*To Re-Assemble the Machine reverse the above procedure. Hopper bolts should only be hand tightened with the speed driver provided.

\*The Knock Out Cup Should be installed on the Machine after all other parts are in place but before the guards are installed. The Mold Plate should be all the way forward and the Knock Out Arm should be in the down position for the cup to align with the Mold Plate properly.

### Installing Patty Paper on Interleaver

-Place a stack of paper no thicker than 3/4 inch under the pressure foot. Slide the hole in the paper over the center pin.

\*Placing more than 3/4 inch of paper may cause improper paper feeding.



Paper Sleeves Stops should be adjusted for different size patty paper

Shown without guard for better visual

**Patty-O-Matic Inc. offers the highest quality patty paper, machine lubricant, and machine grease. Please contact the factory for information on these products.**

**Toll Free in the U.S.A. 877-938-5244**

**[www.pattyomatic.com](http://www.pattyomatic.com)**

**[info@pattyomatic.com](mailto:info@pattyomatic.com)**

## Points of Daily Lubrication For Your Model PR12:

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**Always Unplug Machine and use Food Approved Oil and Grease!**

The Following Parts should be lubricated to ensure proper machine maintenance

- Pressure Foot should be lifted up and oiled. Hold the Ball Knob and lift up. Place a few drops of oil on the Pressure Foot shaft.

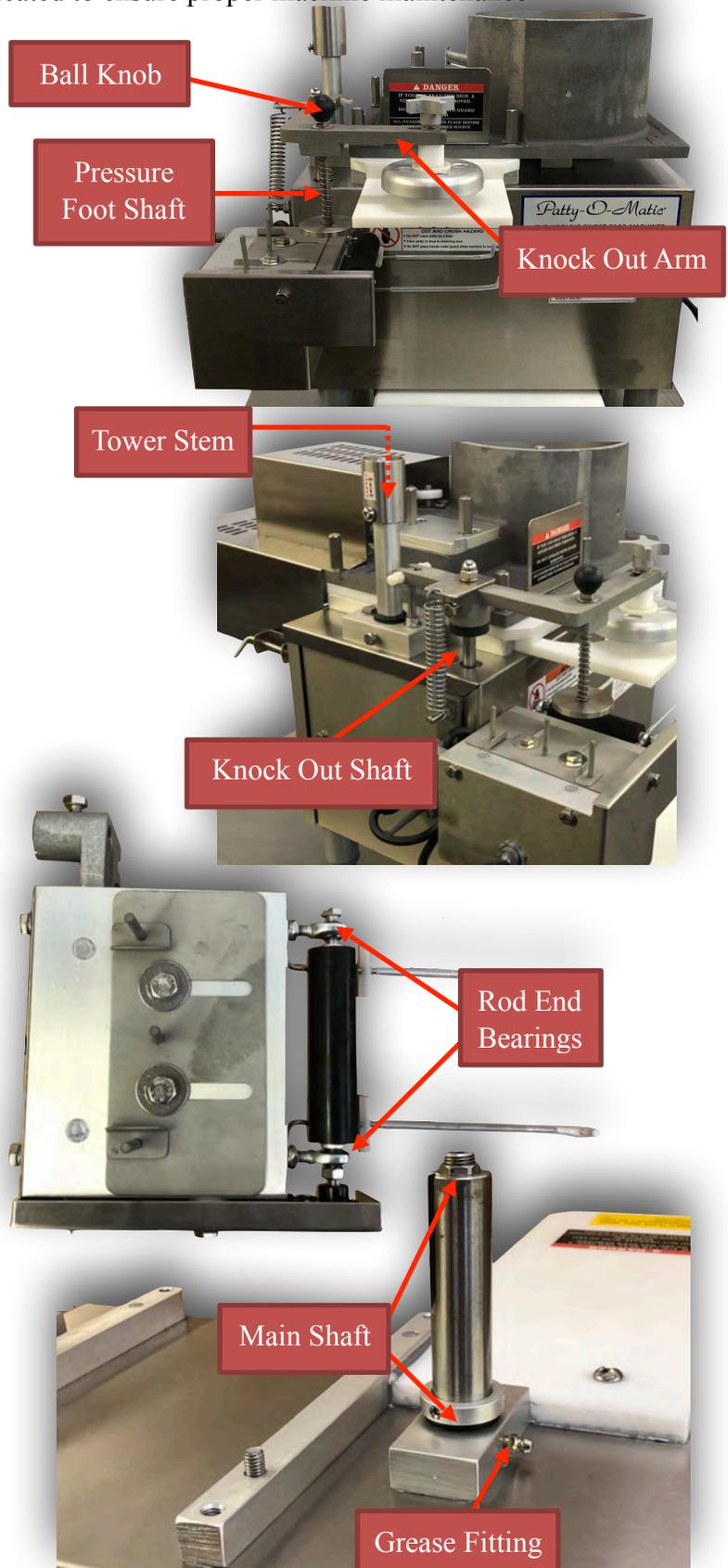
- Knock Out Shaft should be oiled when the Knock Out Arm is in the up position. The picture shown displays the Arm in the up position.

- Tower Stem should be oiled when the Feed Tray is removed as shown.

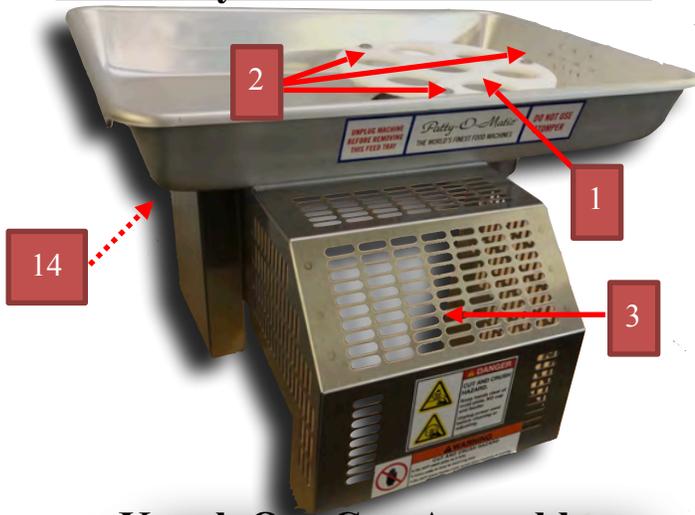
- Rod End Bearings should be oiled with a few drops of oil. There are two Rod End Bearings to be oiled. Do not allow oil to drip onto the Paper Feed Roller.

- Main Shaft should be oiled when the machine is disassembled as shown in this picture. Be sure to oil under the collar by the machine cabinet.

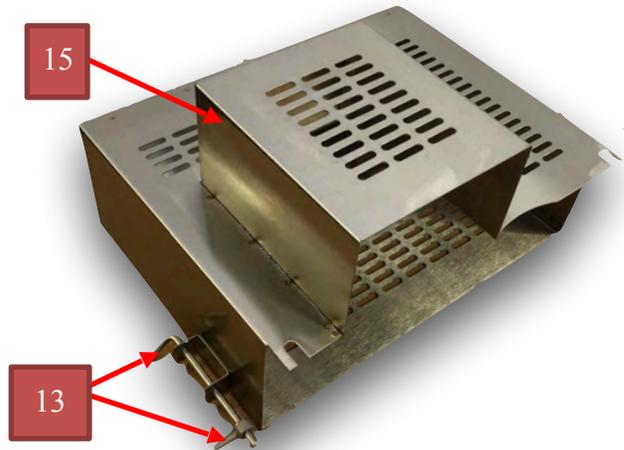
- The Grease Fitting in Main Shaft Block and the Connecting Arm of the machine should be greased once every two weeks. 1 shot of grease is recommended.



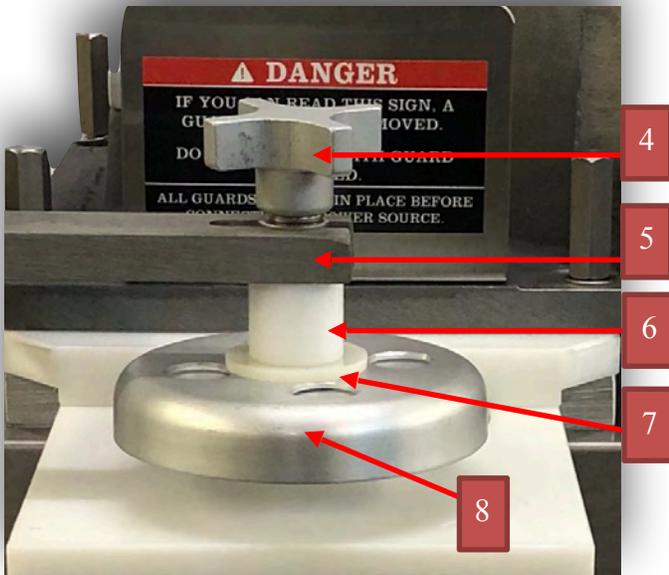
### Feed Tray c/w Mold Plate Guard



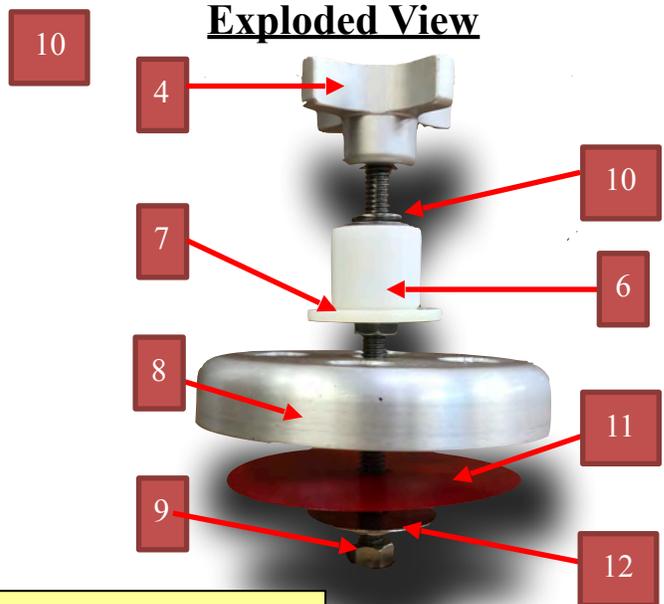
### Rear Machine Guard 13



### Knock Out Cup Assembly



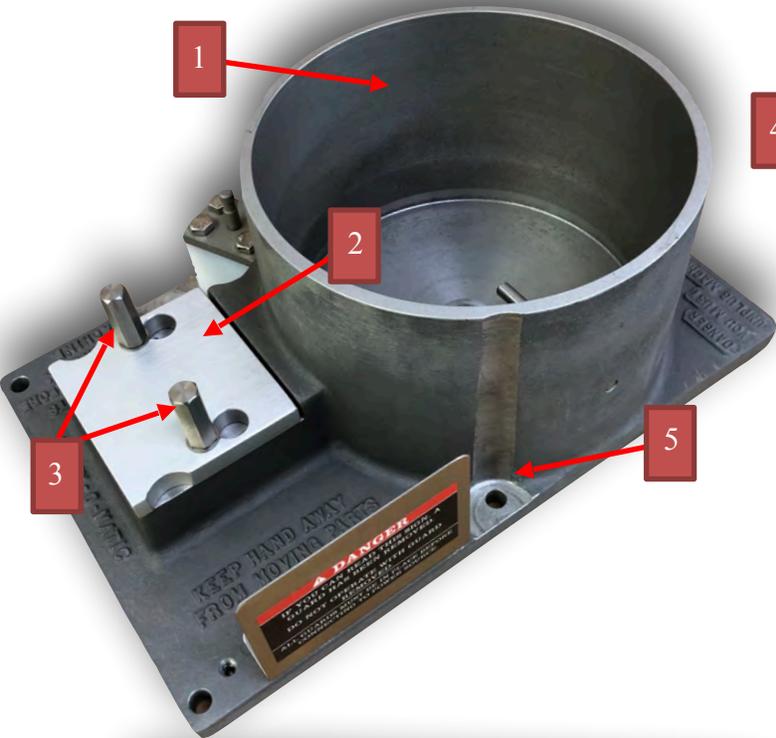
### Knock Out Cup Assembly Exploded View



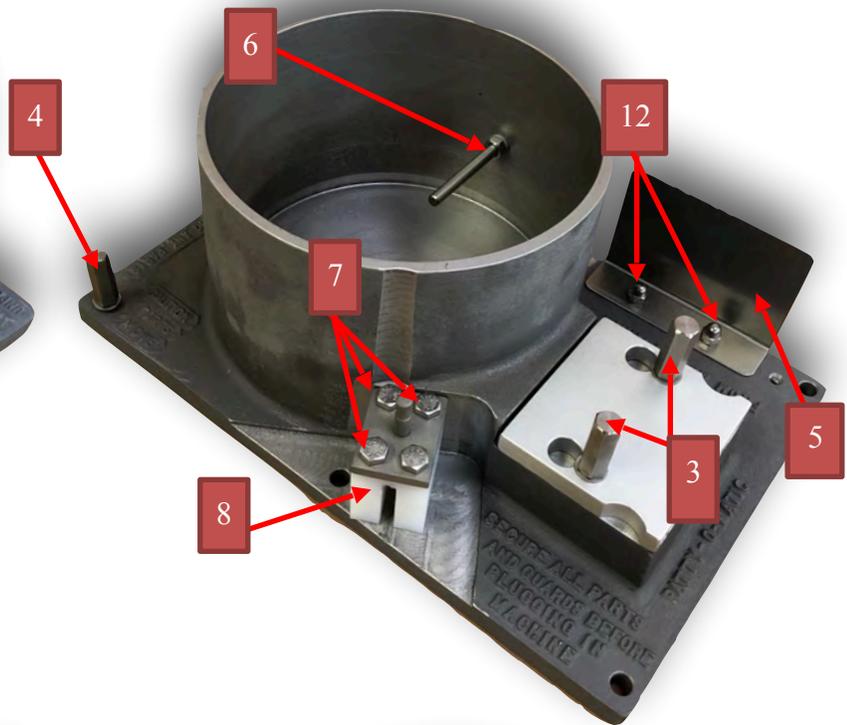
-Knock Out Cup Assembly is Part #PR12-571  
 -Knock Out Cup Hardware **Only** is Part #PR12-571-H1

| <u>Item#</u> | <u>Description</u>   | <u>Part #</u> |
|--------------|--|---------------|
| 1            | Feed Tray Guard Assembly   | 543           |
| 2            | Feed Tray Guard Hardware   | 541-B         |
| 3            | Mold Plate Guard Assembly  | PR12-550      |
| 4            | Knock Out Knob   | PR12-571-1    |
| 5            | Knock Out Arm  | PR12-502      |
| 6            | Knock Out Cup Spacer   | 571-3         |
| 7            | Knock Out Cup Plastic Washer   | 571-7         |
| 8            | Round Knock Out Cup Only   | 571-1         |
| 9            | Knock Out Bolt   | 571-9         |
| 10           | Knock Out Cup Flat Washer and Lock Washer                                | 571-8         |
| 11           | Knock Out Air Valve (shown in red for visual affect)                     | 571-4         |
| 12           | Knock Out Cup Fender Washer  | 571-10        |
| 13           | Push Rod and Collar Assembly   | 553           |
| 14           | Feed Tray Tower Plunger and Bolt(Located on the bottom of the feed tray) | 620-17        |
| 15           | Rear Machine Guard Assembly  | PR12-550R     |

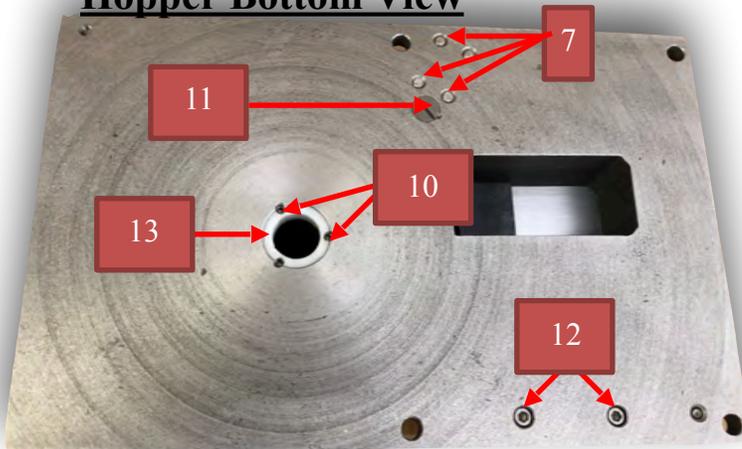
## Hopper Front View



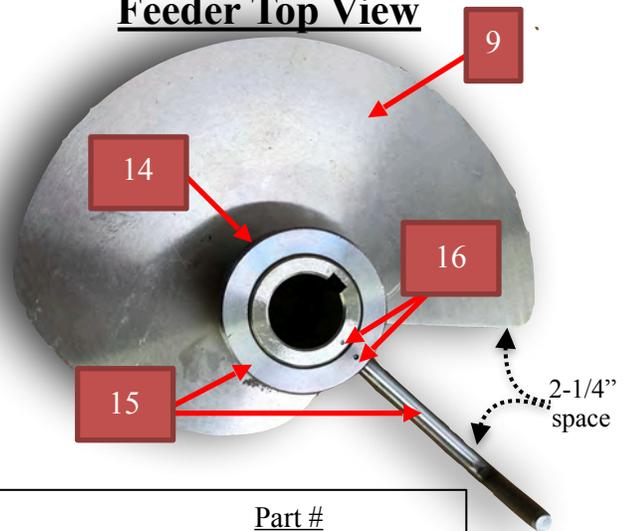
## Hopper Rear View 14



## Hopper Bottom View



## Feeder Top View

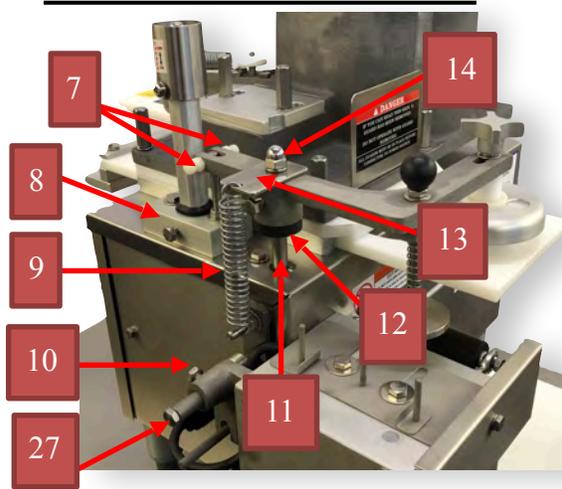


| <u>Item#</u> | <u>Description</u>  | <u>Part #</u> |
|--------------|---|---------------|
| 1            | Hopper Casting  | PR12-545      |
| 2            | Chamber Lid   | PR12-545-A    |
| 3            | Hex Hold Down Bolt (also used as Hopper hold down)          | PR12-556-1    |
| 4            | Rear Machine Guard Hold Down Bolt                           | PR12-550R-1   |
| 5            | PR12 Guard Sign   | PR12-551-B    |
| 6            | Meat Stop c/w Washer  | 555           |
| 7            | Pressure Plate Block Hardware                               | 548-CR        |
| 8            | Pressure Plate Block  | 547-YR        |
| 9            | Feeder  | 557           |
| 10           | Hopper Nylon Bushing Set Screw(3 Required)                  | 604           |
| 11           | Hopper Threaded Plug  | 607           |
| 12           | PR12 Guard Sign Hardware                                    | PR12-551-C    |
| 13           | Hopper Nylon Bushing c/w set screws                         | 603           |
| 14           | Mixer Collar Set Screw                                      | 559           |
| 15           | Mixer Collar  | 558           |
| 16           | Witness Marks (one on Feeder and Mixer Collar for location) | N/A           |

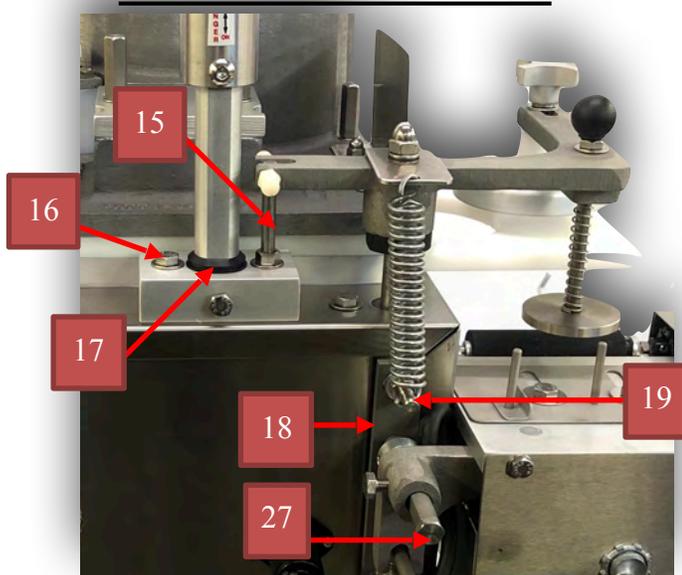
### Machine Front View



### Machine Left Side View



### Machine Left Side View



### Machine Right Side View

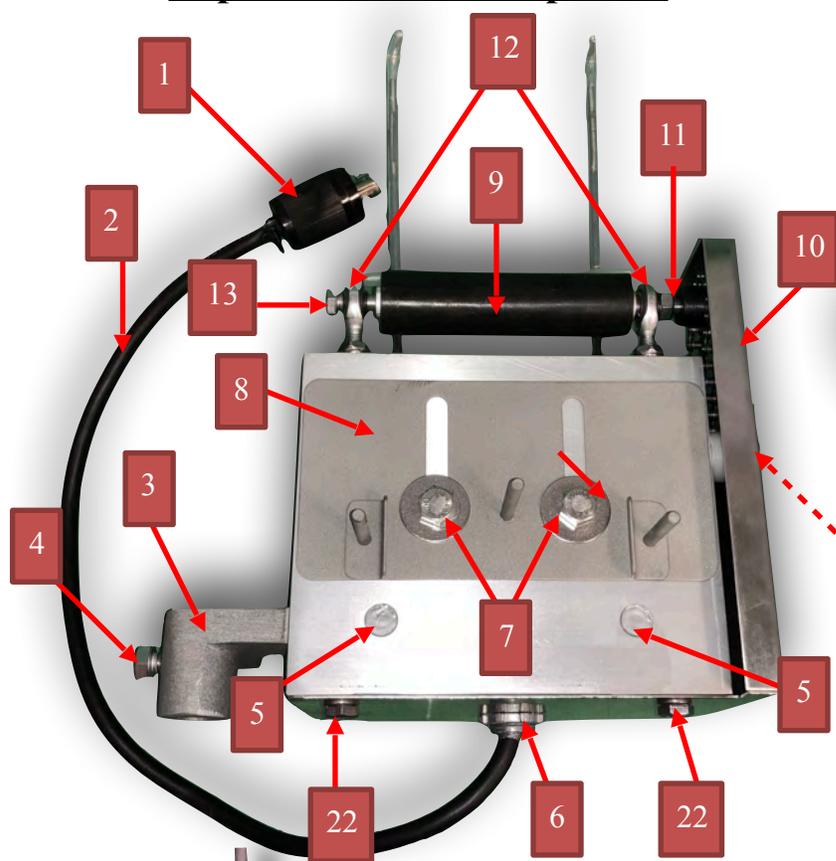


| Item # | Description                   | Part #     |
|--------|-------------------------------|------------|
| 1      | Pressure Foot Ball Knob       | PR12-506B  |
| 2      | Knock Out Arm                 | PR12-502   |
| 3      | Pressure Foot Spring          | 508        |
| 4      | Pressure Foot                 | PR12-506-2 |
| 5      | Tower Sleeve                  | 620-06     |
| 6      | Tower                         | 620-5      |
| 7      | PR12 Knock Out Nylon Hardware | PR12-502A  |
| 8      | Tower Block                   | 620-6      |
| 9      | Knock Out Spring              | 490        |
| 10     | Interleaver Set Bolt          | PR12-519-1 |
| 11     | Knock Out Shaft               | PR12-449   |
| 12     | Knock Out Bumper              | PR12-504   |
| 13     | Knock Out Spring Tab          | 498C       |

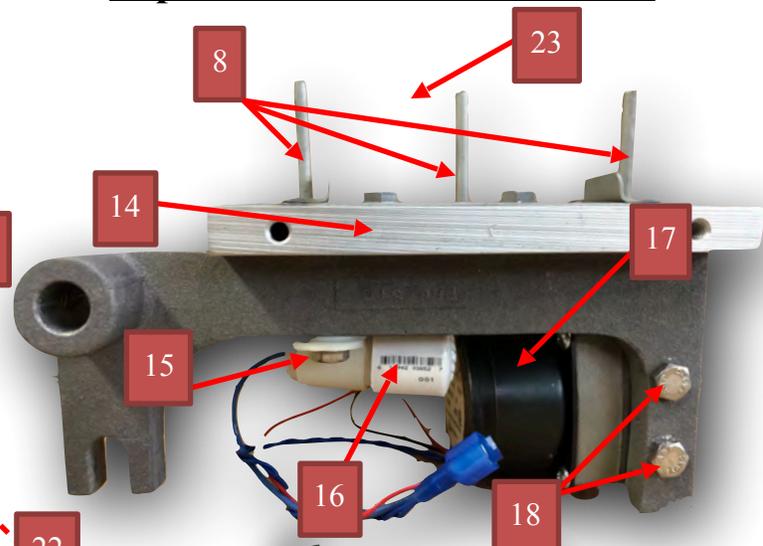
| Item# | Description                        | Part#       |
|-------|------------------------------------|-------------|
| 14    | Knock Out Shaft Nut and Lockwasher | 503         |
| 15    | Knock Out Guide Rod and Hardware   | PR12-502D   |
| 16    | Tower Block Hardware               | PR12-620-09 |
| 17    | Rubber Seal                        | 464S        |
| 18    | Paper Attachment Bracket           | 115-01      |
| 19    | Knock Out Spring Stud              | PR12-490A   |
| 20    | On/Off Switch Guard                | 501         |
| 21    | On/Off Switch Boot                 | 500B        |
| 22    | Power Cord                         | 115-01      |
| 23    | Wire Grommet                       | 487         |
| 24    | Tool Holder                        | 601         |
| 25    | Travel Indicator Plate             | 999         |
| 26    | Rear Machine Guard Hold Down Bolt  | PR12-550R-1 |
| 27    | Paper Interleaver Bolt             | PR12-497B   |

Many parts are also sold as assemblies. Please contact the factory for further information:  
 Toll Free in the U.S.A. 877-938-5244  
 Outside the U.S.A. 732-938-2757

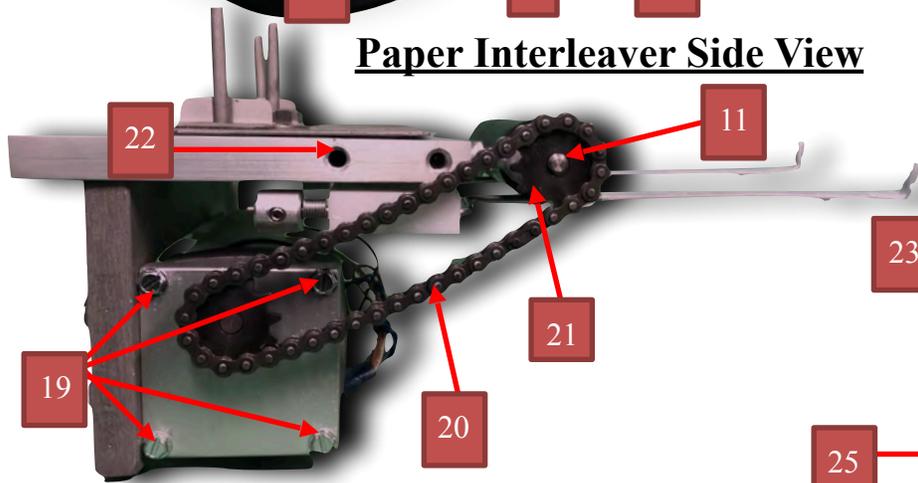
**Paper Interleaver Top View**



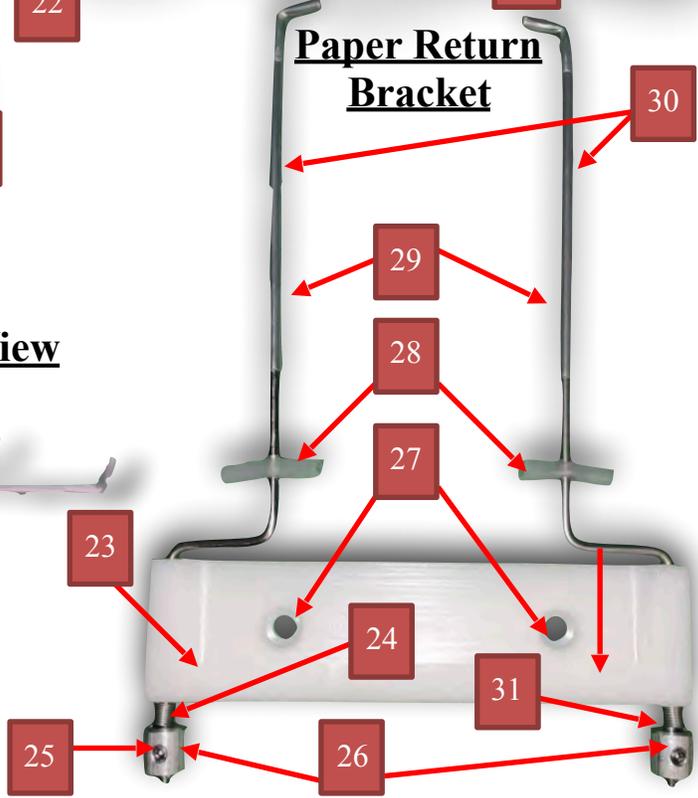
**Paper Interleaver Motor View**



**Paper Interleaver Side View**



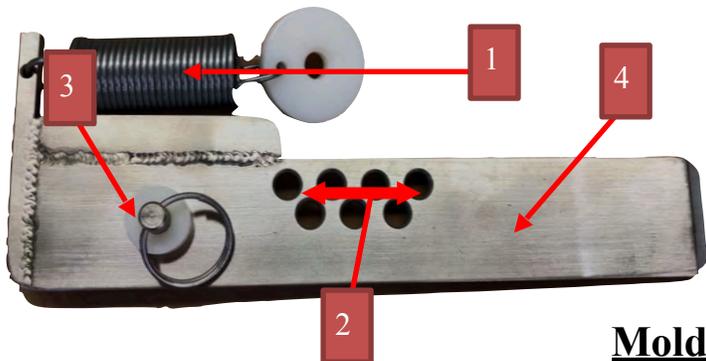
**Paper Return Bracket**



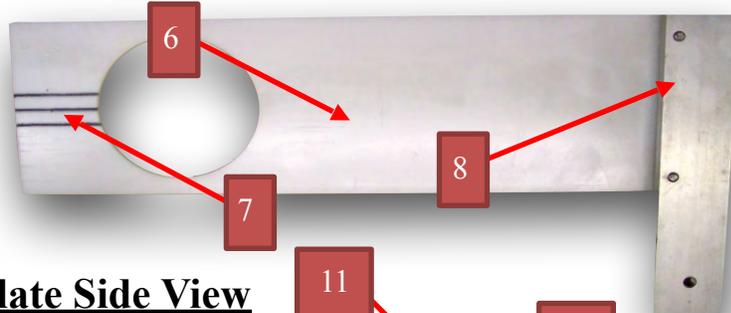
| Item # | Description                                   | Part #       |
|--------|---|--------------|
| 1      | Paper Interleaver Plug                        | PR12-115-04A |
| 2      | Paper Motor Cord                              | PR12-115-04  |
| 3      | Paper Interleaver Casting                     | PR12-519     |
| 4      | Paper Interleaver Set Bolt                    | PR12-519-1   |
| 5      | Paper Interleaver Main Plate Bolts            | PR12-519C    |
| 6      | Romex Connector                               | 496          |
| 7      | Paper Pin Adjusting Hardware                  | PR12-539     |
| 8      | Paper Pin Plate                               | PR12-524     |
| 9      | PaperFeed Roller                              | PR12-521     |
| 10     | Paper Interleaver Cabinet                     | PR12-537     |
| 11     | Rod End Screw with Flat                       | PR12-522B    |
| 12     | Rod End Bearing                               | 522          |
| 13     | Rod End Bolt                                  | PR12-522C    |
| 14     | Paper Interleaver Main Plate                  | PR12-519B    |
| 15     | Paper Interleaver Capacitor<br>Clamp and Bolt | PR12-516D    |

| Item# | Description                              | Part#      |
|-------|--|------------|
| 16    | Paper Interleaver Capacitor Assembly     | PR12-516C  |
| 17    | Paper Interleaver Motor w/ Capacitor     | PR12-516   |
| 18    | Motor Block Hardware                     | PR12-516-2 |
| 19    | Paper Motor Mounting Hardware            | PR12-516-3 |
| 20    | Paper Interleaver Chain and Link         | PR12-516B  |
| 21    | Paper Interleaver Sprocket               | PR12-516A  |
| 22    | Interleaver Cabinet Hardware c/w Spacers | PR12-537-1 |
| 23    | Pivot Rod Support Bracket                | 243        |
| 24    | Left Return Spring                       | 246L       |
| 25    | Set Screw(One in Each Collar)            | 245        |
| 26    | Spring Adjusting Collar                  | 244        |
| 27    | 2 Return Bracket Mounting Hardware       | 249        |
| 28    | Paper Stop                               | 248        |
| 29    | Stainless Steel Paper Pivot Rod          | 247        |
| 30    | Paper Sleeve Stop                        | 248A       |
| 31    | Right Return Spring                      | 246R       |

**Ring Pin Pressure Plate**



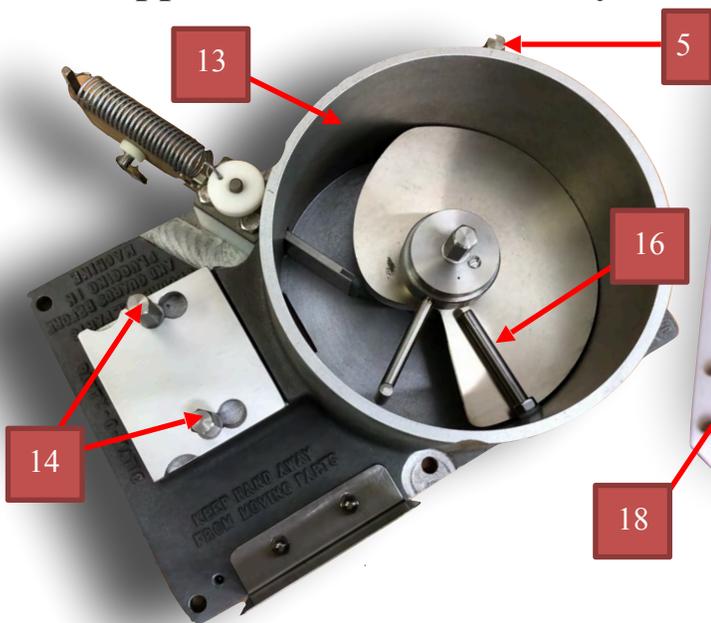
**Mold Plate Bottom View**



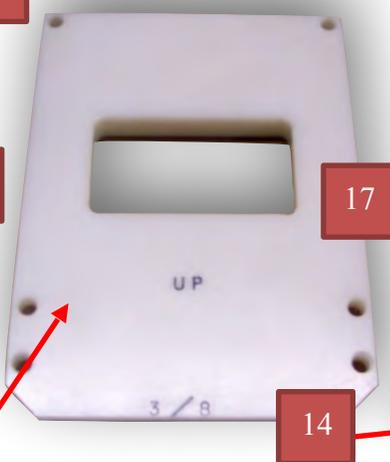
**Mold Plate Side View**



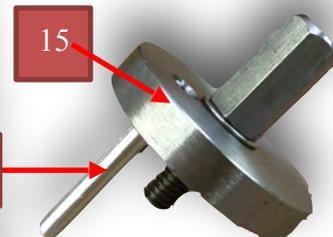
**Hopper and Feeder Assembly**



**Transition Plate**



**Feeder Washer & Shear Pin**



**Hold Down Bolt**

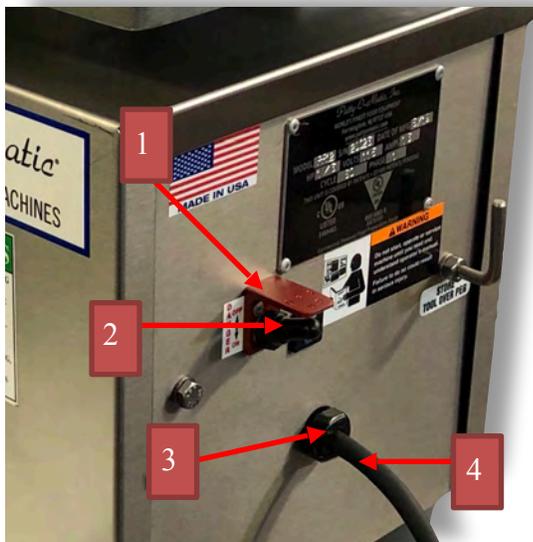


| Item # | Description                         | Part #      |
|--------|-------------------------------------|-------------|
| 1      | Pressure Plate Spring and collar    | 549         |
| 2      | Ring Pin Adjustment Holes           | N/A         |
| 3      | Ring Pin(shown in the storage hole) | 546C        |
| 4      | Ring Pin Pressure Plate             | 546-3       |
| 5      | Rear Machine Guard Hold Down Bolt   | PR12-550R-1 |
| 6      | Round Mold Plate Only               | 563-1       |
| 7      | Air Grooves (colored for visual)    | N/A         |
| 8      | Back Drive Only                     | PR12-564    |
| 9      | Back Drive Spacer                   | PR12-568    |
| 10     | Back Drive Clamp                    | 568         |
| 11     | Back Drive Clamp Hardware           | PR12-568A   |

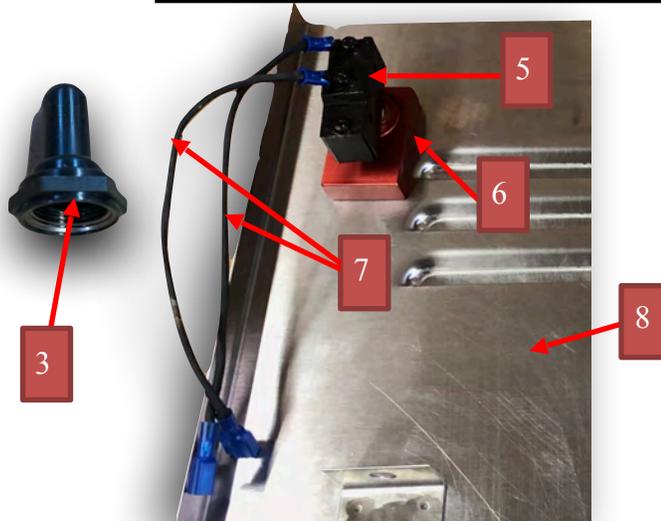
| Item # | Description                    | Part #     |
|--------|--------------------------------|------------|
| 12     | T-Knob                         | 567        |
| 13     | Hopper Casting                 | PR12-545   |
| 14     | Hold Down Bolt                 | PR12-556-1 |
| 15     | Feeder Washer w/ Attached Bolt | 561A       |
| 16     | Meat Stop c/w Washer           | 555        |
| 17     | Shear Pin                      | 562        |
| 18     | Transition Plate(Specify Size) | PR12-569   |

**Part # PR12-563 - Mold Plate Assembly**  
 -Includes Round Mold Plate, Back Drive Assembly and Knock Out Cup Assembly

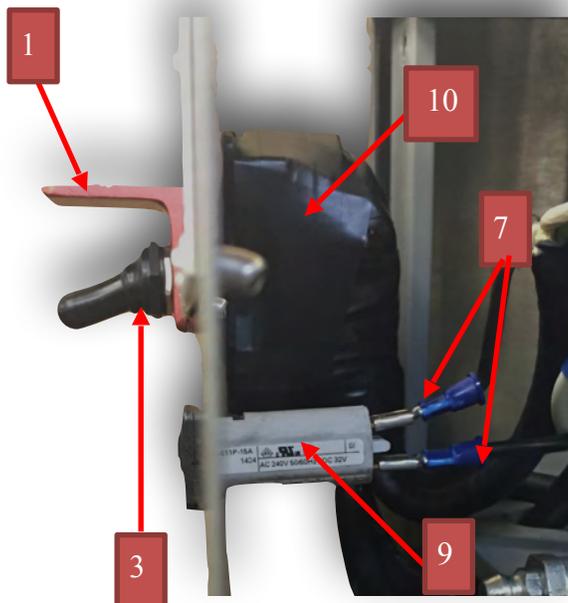
**On/ Off Switch Front View**



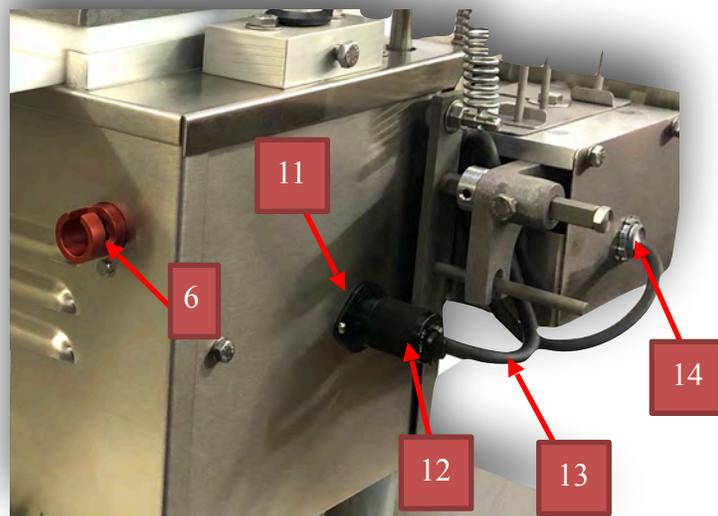
**Rear Guard Switch Interior View**



**On/Off Switch Interior View**

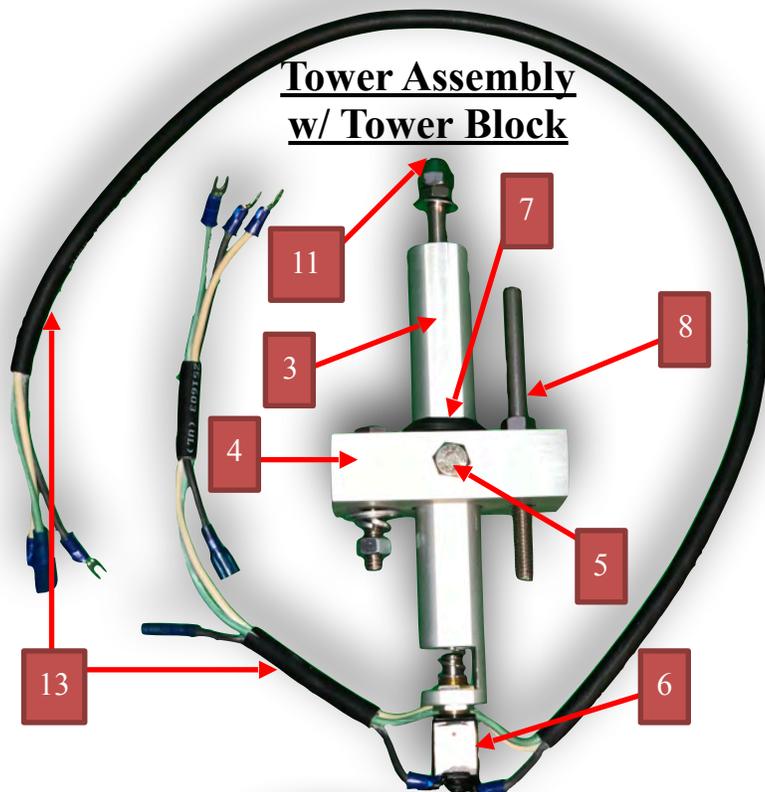


**Side and Rear View**



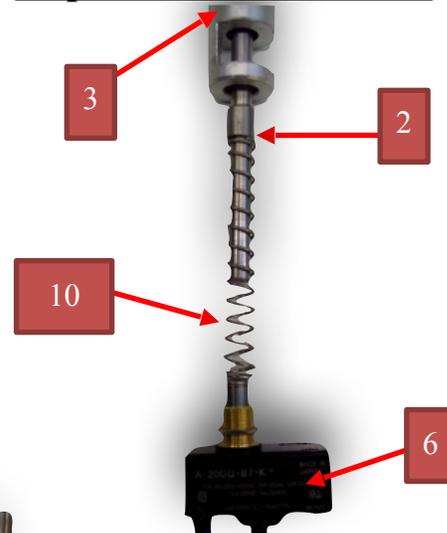
| <u>Item#</u> | <u>Description</u>                  | <u>Part</u>  |
|--------------|-------------------------------------|--------------|
| 1            | On/Off Switch Guard                 | 501          |
| 2            | On/Off Switch Boot                  | 500B         |
| 3            | Wire Grommet                        | 487          |
| 4            | Power Cord                          | 115-01       |
| 5            | Rear Machine Guard Switch           | PR12-608-1B  |
| 6            | Round Key Latch                     | PR12-553-R   |
| 7            | Rear Machine Guard Switch Wires     | PR12-608-1D  |
| 8            | Machine Casing(Includes All Panels) | PR12-493     |
| 9            | 10 AMP Circuit Breaker              | 115-10       |
| 10           | On/Off Switch                       | 500HD        |
| 11           | Interlever Receptical               | PR12-115-04B |
| 12           | Paper Interleaver Plug              | PR12-115-04A |
| 13           | Paper Motor Cord Assembly           | PR12-115-04  |
| 14           | Romex Connector                     | 496          |

**Tower Assembly  
w/ Tower Block**

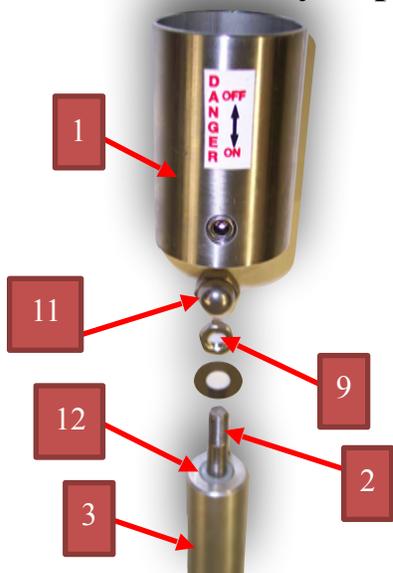
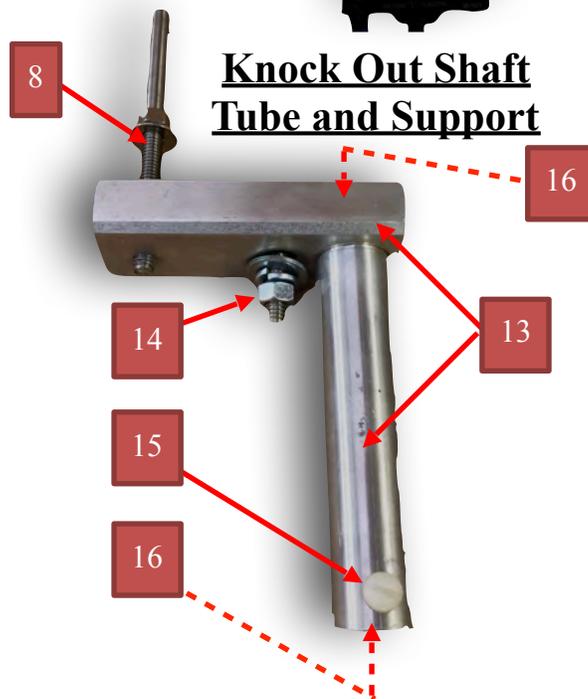


**Tower Assembly Top View**

**Tower Assembly  
Exploded Bottom View**



**Knock Out Shaft  
Tube and Support**

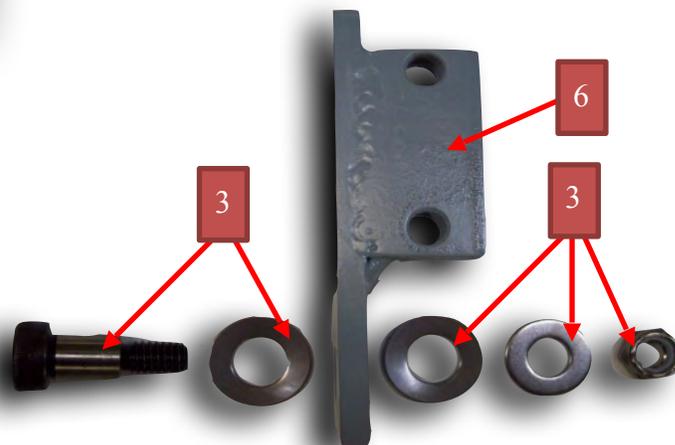
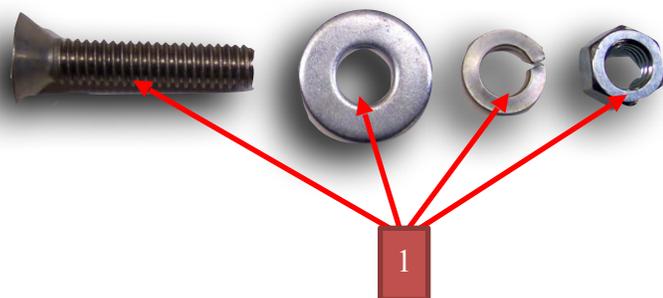
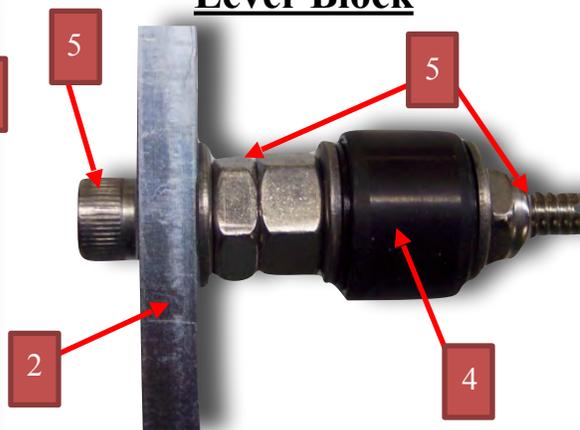


| <u>Item#</u> | <u>Description</u>                        | <u>Part #</u> |
|--------------|---|---------------|
| 1            | Tower Sleeve                              | 620-16        |
| 2            | Tower Stem                                | 620-3         |
| 3            | Tower Tube                                | 620-5         |
| 4            | Tower Block                               | 620-6         |
| 5            | Tower Locator Lock Bolt                   | 620-7         |
| 6            | Tower Switch                              | 620-10B       |
| 7            | Rubber Seal                               | 464S          |
| 8            | Knock Out Guide Rod and Hardware          | 620-8         |
| 9            | Tower Jam Nut                             | 620-06        |
| 10           | Tower Spring                              | 620-9         |
| 11           | Tower Acorn Nut                           | 620-15        |
| 12           | Tower Bushing                             | 620-4         |
| 13           | Tower Switch Wire                         | 620-10A       |
| 14           | Knock Out Tube Hardware                   | PR12-460B     |
| 15           | Knock Out Bushing Screw                   | PR12-460A     |
| 16           | Knock Out Shaft Bushing( Pressed in Tube) | PR12-462      |

## Knock Out Lever Interior View



## Cam Bearing and Lever Block

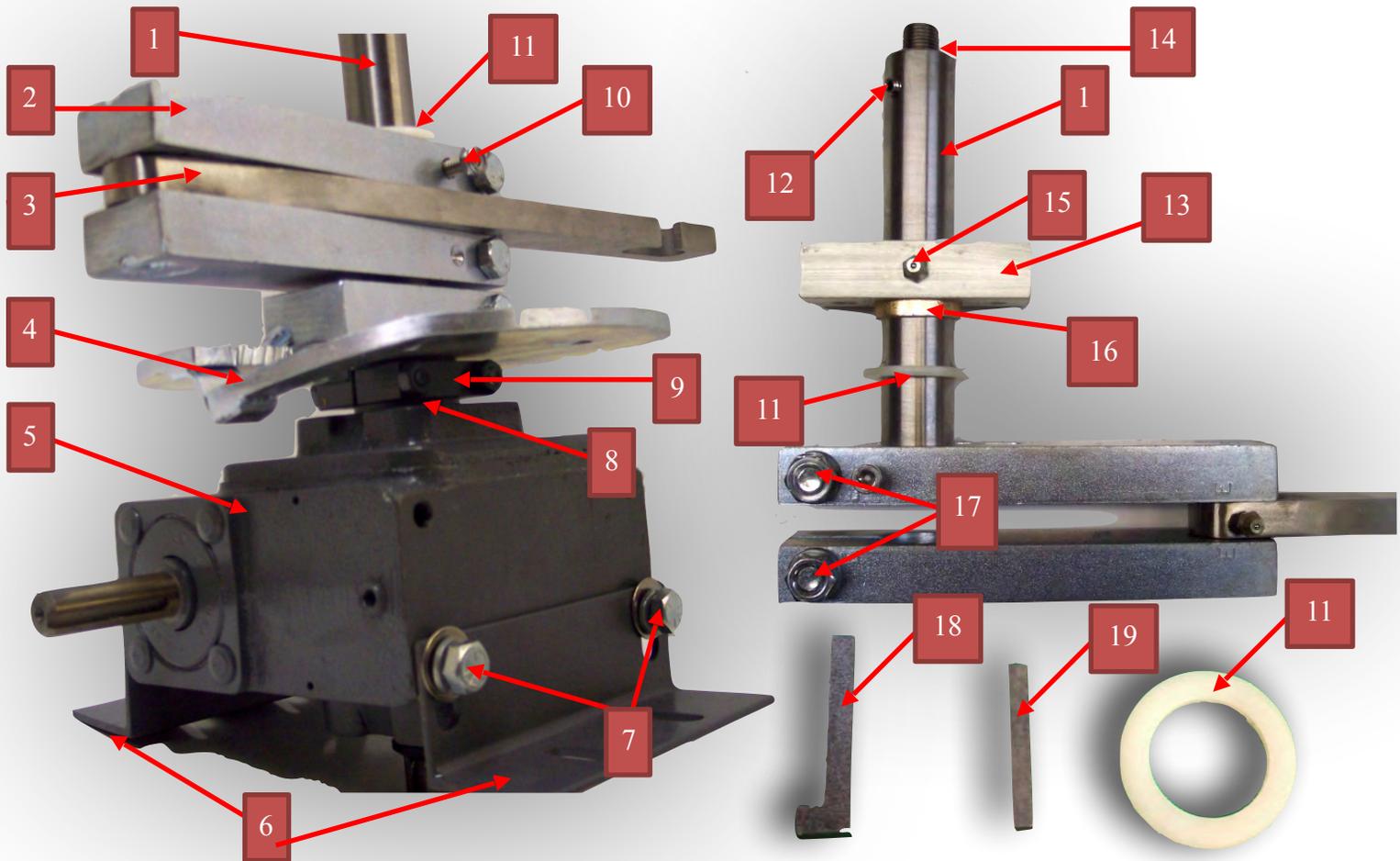


| <u>Item#</u> | <u>Description</u>                         | <u>Part #</u> |
|--------------|--|---------------|
| 1            | Knock Out Lever Block Hardware(2 Required) | PR12-450B     |
| 2            | Knock Out Lever                            | PR12- 450     |
| 3            | Knock Out Lever Hardware                   | PR12- 451     |
| 4            | Cam Follower Bearing                       | 474           |
| 5            | Cam Bearing Hardware                       | PR12- 475     |
| 6            | Knock Out Lever Block                      | PR12- 450A    |
| 7            | Knock Out Cam                              | PR12- 472     |
| 8            | Crank-Connecting Arm Assembly              | PR12- 455     |
| 9            | Crank-Connecting Arm Hardware(2 Required)  | PR12- 455-1   |
| 10           | Machine Frame                              | PR12- 445     |
| 11           | Cam Bolt and Hardware                      | PR12- 472-1   |

Many parts are also sold as assemblies.  
 Please contact the factory for further information:  
 Toll Free in the U.S.A. 877-938-5244  
 Outside the U.S.A. 732-938-2757

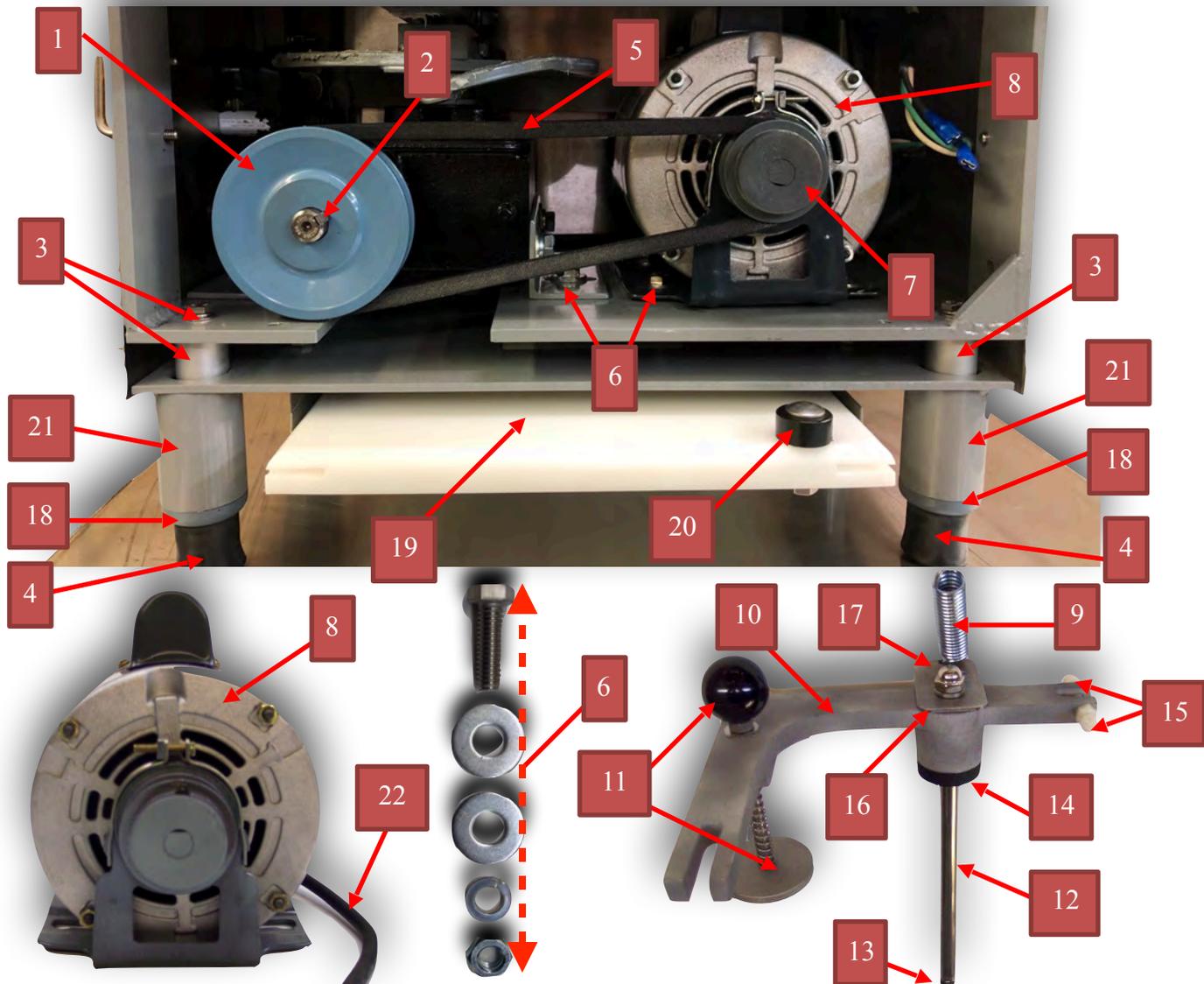
## Transmission and Main Shaft Assembly

21

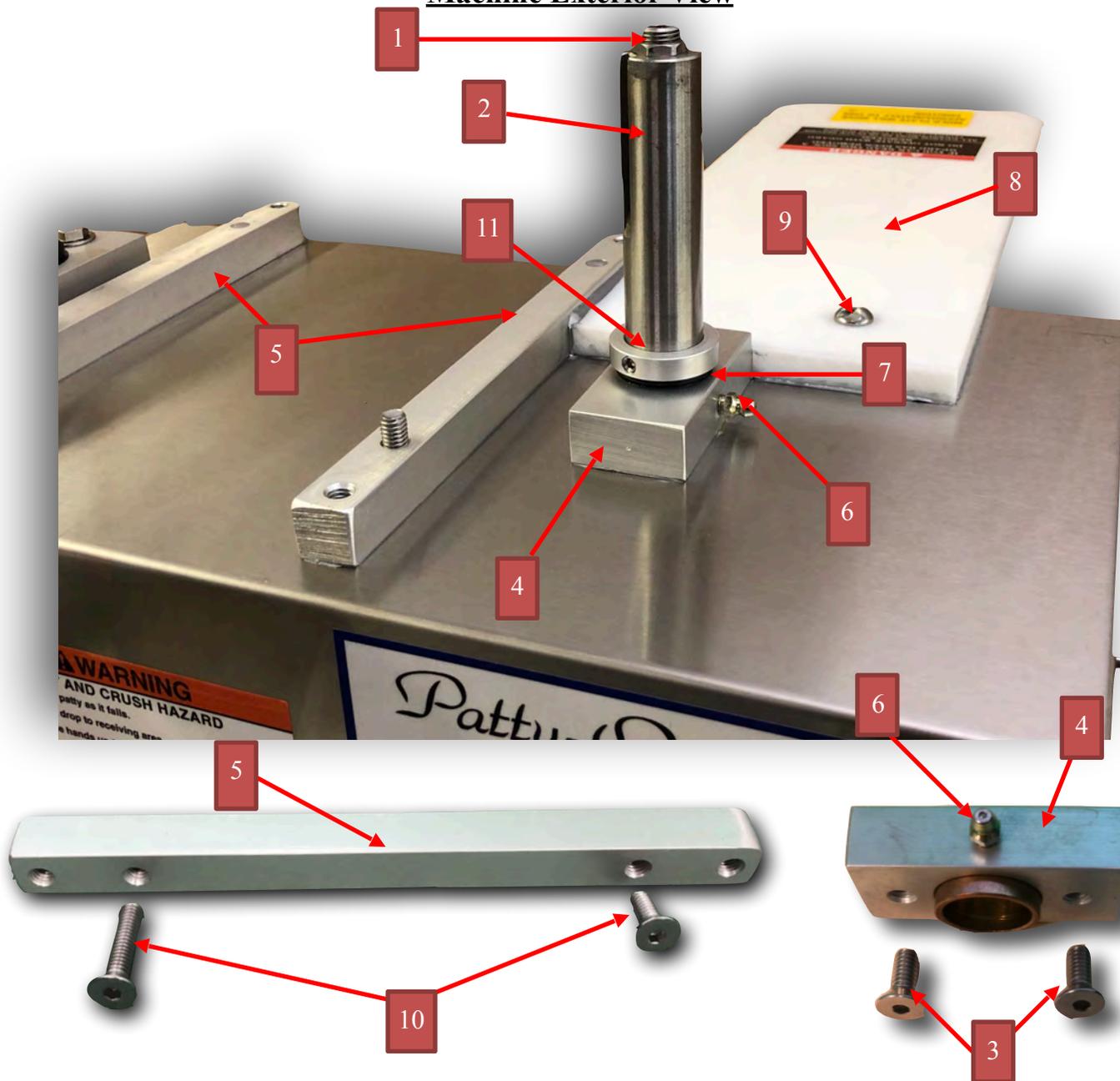


| <u>Item#</u> | <u>Description</u>                              | <u>Part #</u> |
|--------------|---|---------------|
| 1            | Main Shaft c/w Insert and Set Screw             | PR12-464      |
| 2            | Crank-Connecting Arm Assembly                   | PR12-455      |
| 3            | Crank Connecting Arm Assembly                   | PR12-455      |
| 4            | Knock Out Cam                                   | PR12-472      |
| 5            | Transmission                                    | PR12-484A     |
| 6            | Transmission Brackets (Set of 2)                | PR12-484B     |
| 7            | Transmission Bracket Hardware (Set of 4)        | PR12-484B-1   |
| 8            | Cam Thrust Washer                               | PR12-472A     |
| 9            | Cam Spacer Collar                               | PR12-472C     |
| 10           | Main Shaft Drive Bolt and Nut                   | PR12-464-1D   |
| 11           | Main Shaft Thrust Washer                        | PR12-469-1    |
| 12           | Main Shaft Insert Set Screw                     | PR12-464-1A   |
| 13           | Main Shaft Block c/w Bushing                    | PR12-464A     |
| 14           | Main Shaft Insert c/w Set Screw and Locking Nut | PR12-464-1    |
| 15           | Grease Fitting                                  | PR12-464B     |
| 16           | Main Shaft Block Bushing                        | PR12-464C     |
| 17           | Crank-Connecting Arm Hardware(2 Required)       | PR12-455-1    |
| 18           | L-Key   | PR12-452A     |
| 19           | Transmission Pulley Drive Key                   | PR12-484C1    |

# Machine Interior View

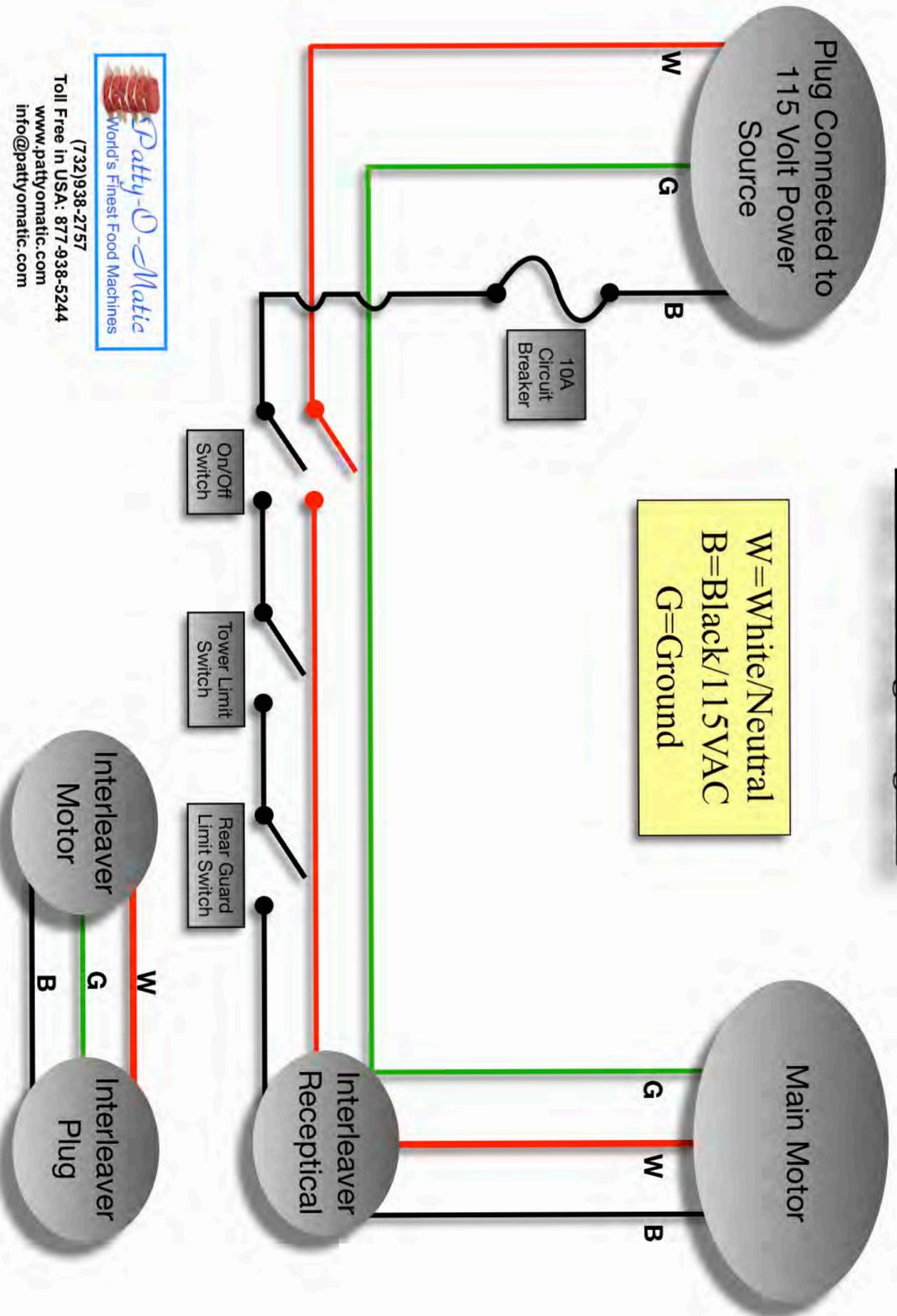


| <u>Item#</u> | <u>Description</u>                              | <u>Part #</u> |
|--------------|---|---------------|
| 1            | Transmission Pulley                             | PR12-484C     |
| 2            | Transmission Pulley Drive Key                   | PR12-484C1    |
| 3            | Machine Leg with Hardware                       | PR12-446C     |
| 4            | Set of 4 Rubber Feet                            | 448           |
| 5            | V-Belt  | PR12-471      |
| 6            | Motor/Transmission Fastening Hardware(Set of 4) | PR12-484-1    |
| 7            | Motor Pulley                                    | PR12-465      |
| 8            | Main Motor                                      | PR12-484      |
| 9            | Knock Out Spring(Shown Upside Down)             | 490           |
| 10           | Knock Out Arm                                   | PR12-502      |
| 11           | Pressure Foot Assembly                          | PR12-506A     |
| 12           | Knock Out Shaft                                 | PR12-449      |
| 13           | Knock Out Shaft Adjusting Hardware              | PR12-449A     |
| 14           | Knock Out Bumper                                | PR12-504      |
| 15           | Knock Out Guide Nylon Hardware                  | PR12-502A     |
| 16           | Knock Out Spring Tab                            | 498C          |
| 17           | Knock Out Shaft Acorn Nut and Lockwasher        | 503           |
| 18           | Riser Platform Leg Inserts (Set of 4)           | 609-1         |
| 19           | Receiving Slide Assembly                        | 609-5         |
| 20           | Receiving Slide Stop and Hardware               | 609-5B        |
| 21           | Riser Platform Assembly                         | PR12-609      |
| 22           | Main Motor Wire Assembly                        | PR12-115-03   |

**Machine Exterior View****Item#****Description****Part #**

|    |   |            |
|----|---|------------|
| 1  | Main Shaft Insert c/w Set Screw and Locking Nut               | PR12-464-1 |
| 2  | Main Shaft w/ Insert and Set Screw                            | PR12-464   |
| 3  | Main Shaft Block Hardware                                     | PR12-464D  |
| 4  | Main Shaft Block c/w Bushing                                  | PR12-464A  |
| 5  | Guide Rail (2 Required)                                       | 494        |
| 6  | Grease Fitting  | PR12-464B  |
| 7  | Hopper Bushing Set Collar O-Ring                              | PR12-603E  |
| 8  | Travel Indicator Plate  | 999        |
| 9  | Travel Indicator Plate Screws                                 | 999A       |
| 10 | Protégé Guide Rail Bolts (1 Long 1 Short)(Long towards front) | PR12-495   |
| 11 | Hopper Bushing Set Collar                                     | PR12-603D  |

# PR12 Wiring Diagram



(732)938-2757  
Toll Free in USA: 877-938-5244  
www.pattyomatic.com  
info@pattyomatic.com

## Warranty Information

This appliance is guaranteed to original purchaser to be free from defects in materials and workmanship.

Warranty shall be limited to repairing or exchanging any part that shows evidence of defect within One Year of the original date of purchase.

In the event of the return due to defect in material or workmanship, within the warranty period, please return in original packing case or equivalent.

Our expert factory authorized repair service is provided, and recommended for all repairs, within and beyond the warranty period.

Warranty shall not apply if appliance has been plugged into any current other than that specified; or has been tampered with or altered in any way.

Warranty does not cover parts that wear out from use or parts that are damaged or broken in use; or service claims arising due to failure to follow operating instructions.

This warranty is in lieu of all other warranties, expressed or implied. No representative or other person is authorized or permitted to make any guarantee or to assume for us any liability not strictly in accordance with the foregoing.

If you should have any further questions or require assistance with anything please do not hesitate to call the factory. We recommend that you are near the machine when you call. Please provide us with the age, serial number, model number, and mold plate size when you call.



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

Toll Free 877-938-5244

**Patty-O-Matic Inc. Model PR12**

**Serial Number** \_\_\_\_\_

**Date Purchased** \_\_\_\_\_

**Purchased From What Dealer** \_\_\_\_\_

**Dealer Address and Phone Number** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Maintenance Performed on Machine** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Owner's Notes** \_\_\_\_\_

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