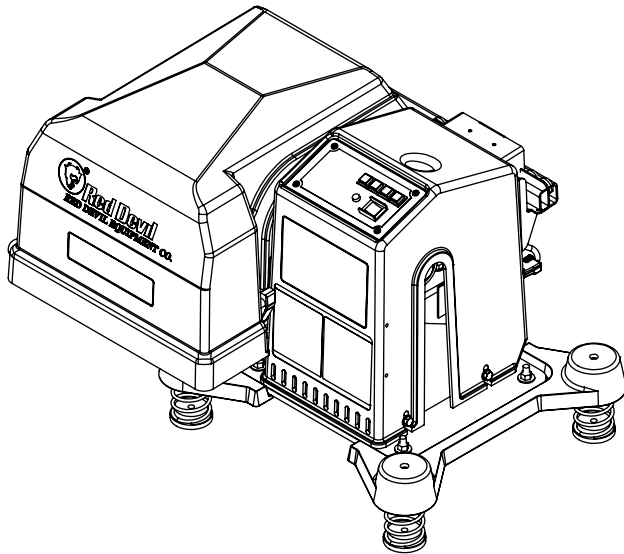


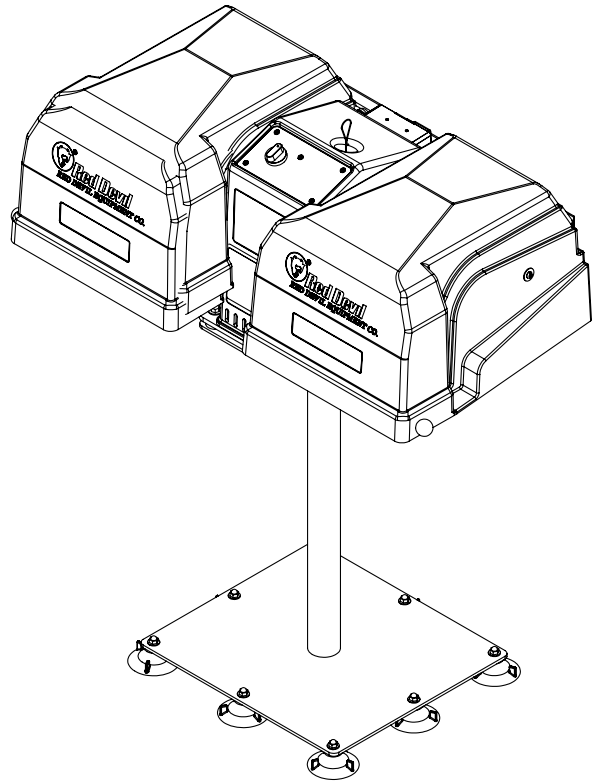
Owner's Manual: 1400 & 1410 Classic

One-Gallon Shaker

Models 1400, 1410-PB, 1410-00, 1410-OH, 1400-OH-E5,
1400-00-N



1410 on Counter Base
(5153-00)



1400 on Pedestal Base
(5151-00)



Red Devil
RED DEVIL EQUIPMENT CO.




Table of Contents

1. Safety Information	3	8. Exploded Views	18
1.1 Safety Precaution Labels	3-4	8.1 Drive System	18
1.2 Safety Precaution Summary	5	8.2 Transmission Assembly	19
2. Introduction	6	8.3 Clamp Assembly, Left	20
2.1 Application	6	8.4 Clamp Assembly, Right	21
2.2 Specifications	6-7	8.5 Enclosure Assembly	22
2.3 Control Panel - Push Button timer	8	8.6 Clamp Cover Assembly	23
2.3 Control panel - Mechanical Timer	8	8.7 Electrical Assembly PB	24
3. Assemble & Test	9	8.8 Electrical Assembly OO	25
3.1 Prepare for Use	9	8.9 Electrical Assembly Oh	26
3.2 Assemble the Counter Base	9	8.10 Counter Base	27
3.3 Assemble the Pedestal Base	9	8.11 Pedestal Base	28
3.4 Connect to Power	10	9. Ordering	29
3.5 Test Operation	11	Replacement Parts	29
4. Operation	12	10. Warranty	30
4.1 Install a Pail and Mix	12	11. Notes	31
5. Care and Maintenance	12		
5.1 Cleaning	12		
5.2 Maintenance	12		
6. Trouble Shooting	13		
7. Wiring Diagram	14		
7.1 1400/1410 - PB Models	14		
7.2 1400/1410 - OO and -OH Models	15		
7.3 1400/1410 - OO-N, -OH-N Models	16		
7.4 Internal Motor wiring for 120V/60 Hz and 220V / 50 Hz Models	17		

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

	<p>"WARNING!" 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>"CAUTION!" indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.</p>
	<p>"NOTICE" indicates practices that do not involve physical injury but may damage the machine.</p>

Safety Information, Continued..

1.1 Safety Precaution labels

 CAUTION MOVING PARTS INSIDE	AVERTISSEMENT LES PARTIES EN MOUVEMENT À L'INTERIEUR DE LA MACHINE	PRECAUCIÓN  PIEZAS MÓVILES ADENTRO
<ul style="list-style-type: none"> - Do not operate with safety gaurd open. - Do not open safety gaurd until machine comes to a complete stop. 	<ul style="list-style-type: none"> - Ne pas mettre en service si le dispositif de protection est ouvert. - Ne pas ouvrir le dispositif de protection avant l'immobilisation complete de la machine. 	<ul style="list-style-type: none"> - No operar con el protector de seguridad abierto. - No abrir el protector de seguridad hasta que la máquina este completamente parada.

Part No. 1785065


**WARNING
ADVERTENCIA
AVERTISSEMENT**

-This machine is not explosion proof rated.

-Review product label, Material saftey 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.

-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.


-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 possie're et les vapeurs inflammables ne sont pas presents; risque de blessure physique existe si utilise' en environnement dangereux.

-Tous les conteneurs doivent être concenablement scellés pour éviter les fuites.

Part No. 1780899


**WARNING
ADVERTENCIA
AVERTISSEMENT**

- 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.

- La maquinaria debe ser apoyada correctamente en el suelo antes de usar, el no apoyarla puede casuar 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.

- 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 manul de l'op're'rateur; E'chec de


Part No. 1781570

Safety Information, Continued..


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 manuals before installing or operating.

 The machine must be properly grounded prior to use. In case of 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 insulating 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 and covers.


 Follow the lockout/tagout procedures of your company.

 Do Not use 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 material 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 vapor are not present.


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. This 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 Classic Shaker. This machine is designed to accommodate standard gallon, quart and pint plastic or metal cans weighing up to 18 lb. (8.2 kg).

This mixer **MUST BE USED** in conjunction with either a countertop or pedestal base, sold separately.

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!

2.2 Specifications

Unit Size

- **1400-00, 1400-PB, and 1400-OH:**
W 41.63 in. (105.74 cm) **D** 29.63 in. (75.26 cm) **H** 31.50 in. (80.01 cm)
- **1410-00, 1410-PB, and 1400-OH:**
W 27.88 in. (70.81 cm) **D** 29.63 in. (75.26 cm) **H** 31.5 in. (80.01 cm)

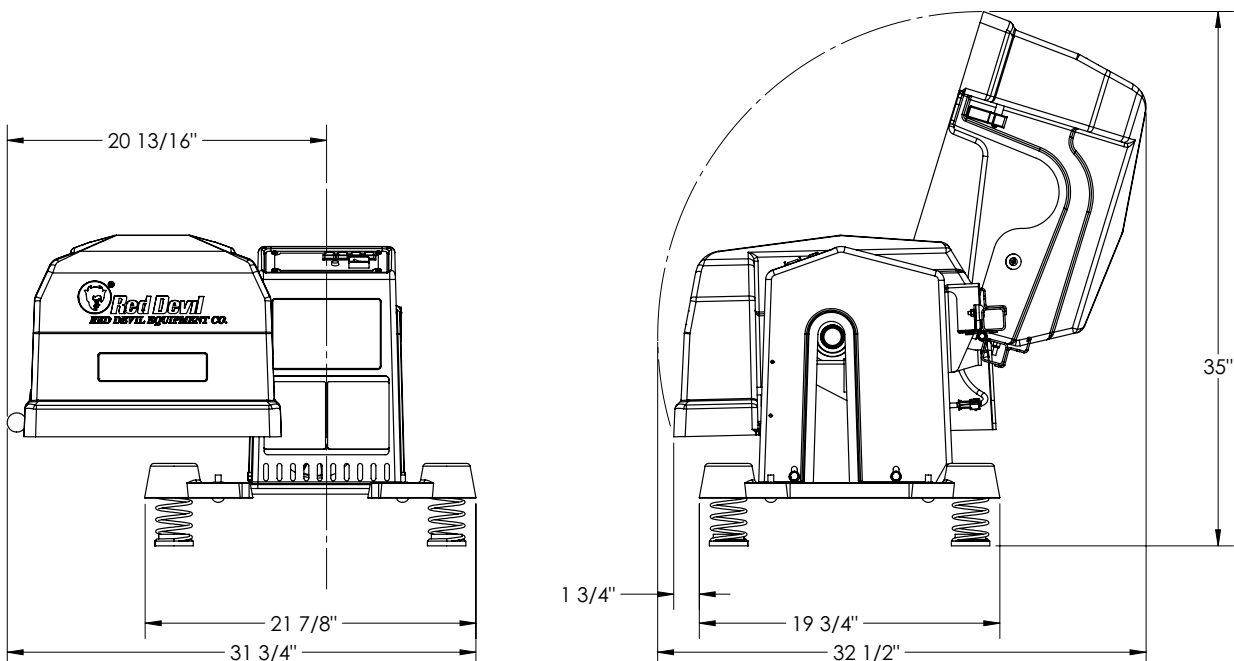
Shipping Weight:

- **1400-00, 1400-PB, and 1400-OH:** 191 lb. (86.6 kg)
- **1410-00, 1410-PB, and 1400-OH:** 160 lb. (72.6 kg)

Electric Service: 120 V 60 Hz or 220 V 50 Hz (E5 only)

Capacity: 18 lb. (8.2 kg)

Sizes Mixed: 1 gal., 1qt., 1 pt.



Single Gallon

1410-PB 120V/60 Hz 6 Min Pushbutton Timer

1410-00 120V/60Hz 15 Min Mech Timer

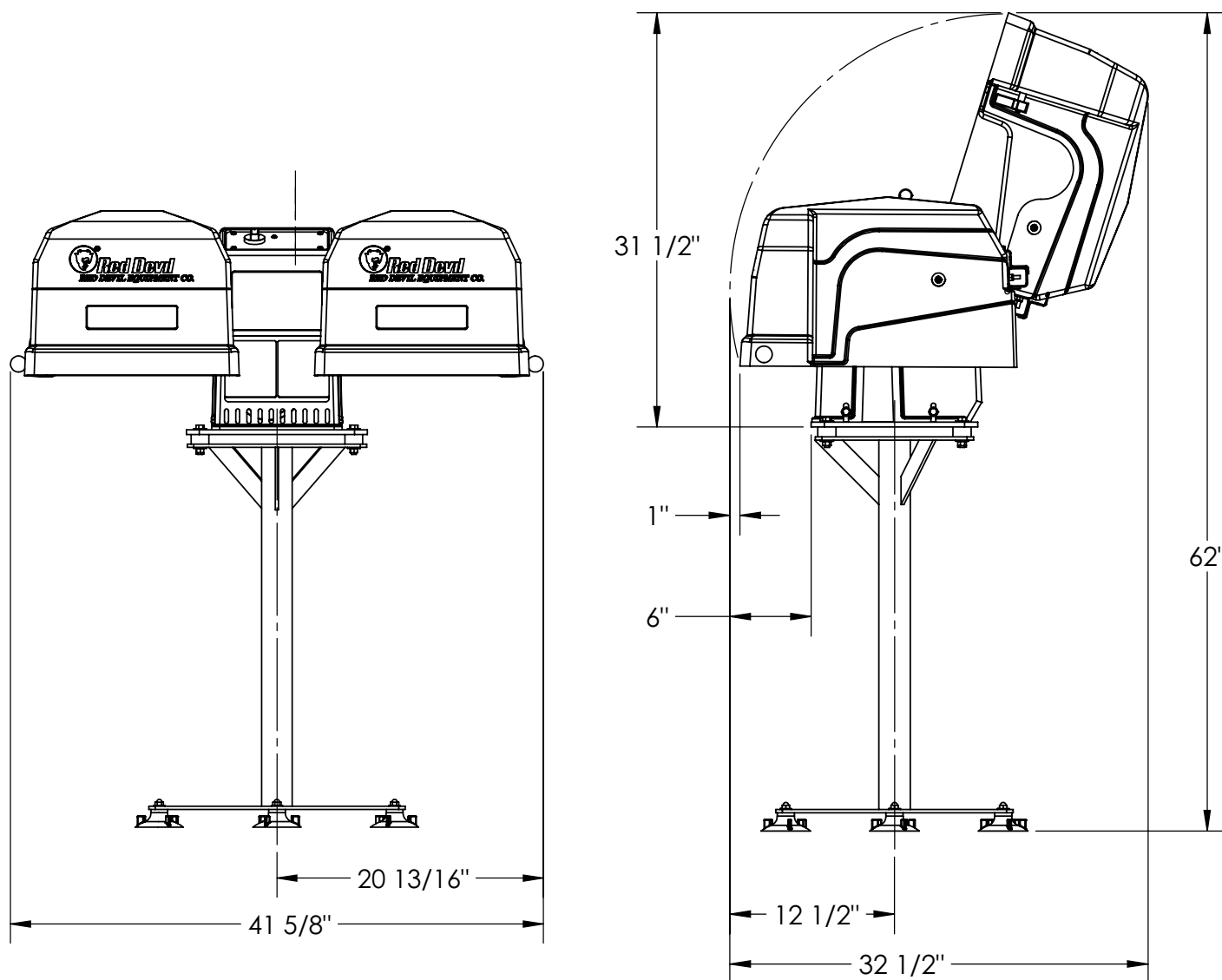
1410-OH 120V/60Hz 1 Hour Mech Timer

Mounted on Countertop or Pedestal Base.

Introduction, Continued..

... Introduction, Continued

2.2 Specifications



Twin Gallon

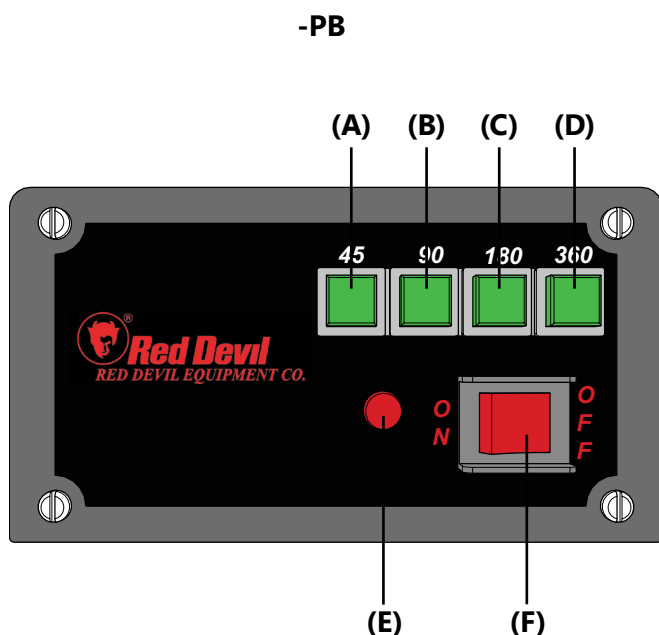
- 1410-PB** 120V/60 Hz 6 Min Pushbutton Timer
- 1410-00** 120V/60Hz 15 Min Mech Timer
- 1410-0H** 120V/60Hz 1 Hour Mech Timer
- 1400-0H** 120V/50Hz 1 Hour Mech Timer
- 1400-00-N** 120V/60Hz 15 Min Mech Timer

Mounted on Countertop or Pedestal Base.

... Introduction, Continued

2.3 Control Panel Pushbutton Timer

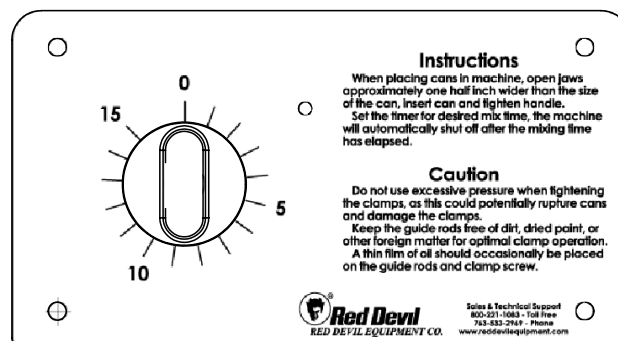
- **Timer Selection (A-D):** Select the desired mix time. The machine starts to mix when the time is selected.
- **Mixing Indicator (E):** This light is on during a mix cycle.
- **On/Off Switch (F):** Turn on before starting a mix cycle. Turn off when the machine is not in use.



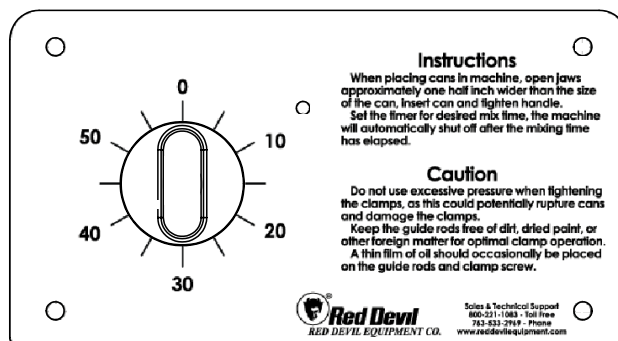
2.3 Control Panel Mechanical Timer

Turn the dial to the appropriate mix time. The machine starts to mix when the time is selected.

-00 (15 Minute Timer)



-0H (1 Hour Timer)



3. Assemble and Test

3.1 Prepare for Use

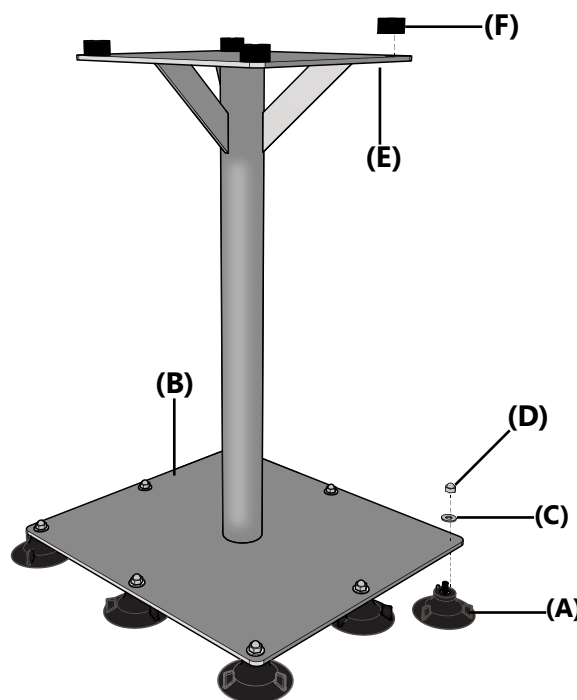
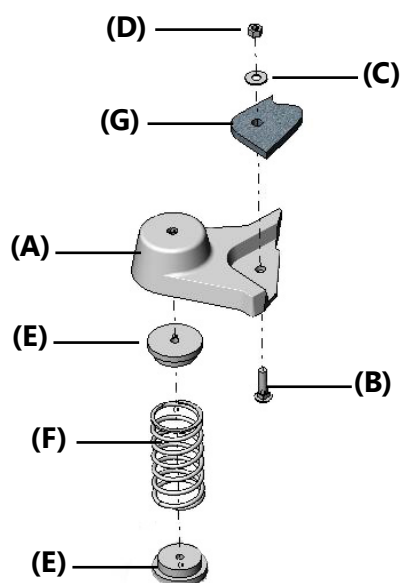
IMPORTANT: Before attempting to operate the machine:

1. Remove all packing material.
2. Assemble the base.

3.2 Assemble the Countertop Base

1. Attach both base castings (A) to the mixer, using the four carriage bolts (B), washers (C), and nuts (D) provided.
2. Install a rubber foot (E) into each end of the springs (F).
3. Lift one side of the mixer. Insert a spring and foot assembly into the depression in the bottom of each corner of the base (G).
4. Lift the other side of the mixer, and repeat the third step.

NOTE: Be sure that the machine and base are placed on a flat, stable countertop surface.



3.3 Assemble the Pedestal Base (See Section 8.11)

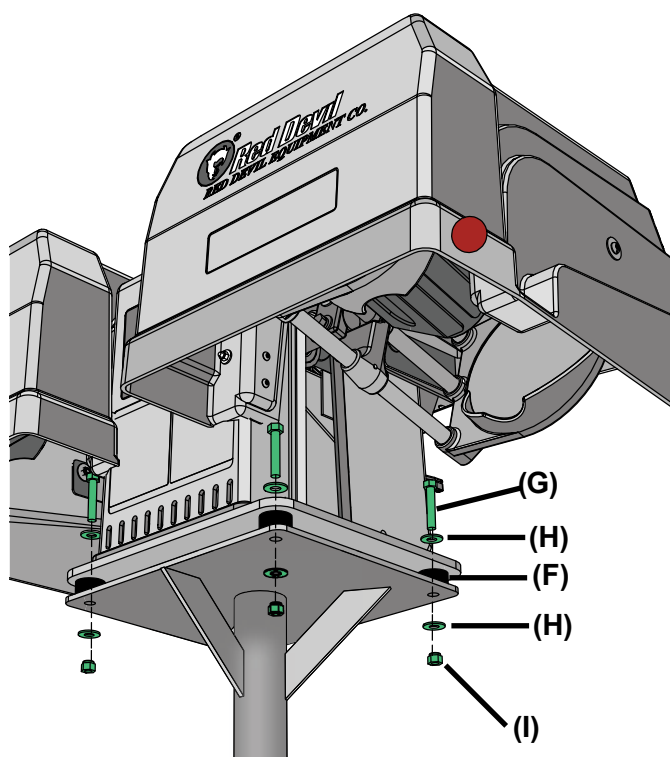
1. Insert the studs of the suction cups (A) up through the eight holes in the bottom of the base (B).
2. Secure them by installing the washers (C) and acorn nuts (D) provided.
3. Hand tighten first, then tighten the nuts one complete turn with a wrench.
4. Align the openings of the rubber bumpers (F) over those on the upper plate of the base (E).
5. Set the mixer on the upper plate of the base, on top of the rubber bumpers (F).
6. Secure the mixer to the base using the four rubber bumpers, bolts (G), washers (H), and nuts (I) provided.
7. Adjust the fasteners.
 - a. Tighten all four bolts to just snug
 - b. Turn all four bolt 1 1/2 more turns.
 - c. Adjust the bolts as required to ensure the gap between the mounting base and the unit is 1/2" at all four bolts. This compresses the isolators equally.

NOTE: DO NOT overtighten the nuts.

Installation, Continued..

Assembly and Test, Continued..

5. Set the mixer on the upper plate of the base, on top of the rubber bumpers **(F)**
6. Secure the mixer to the base using the four rubber bumpers, bolts **(G)**, washers **(H)**, and nuts **(I)** provided.

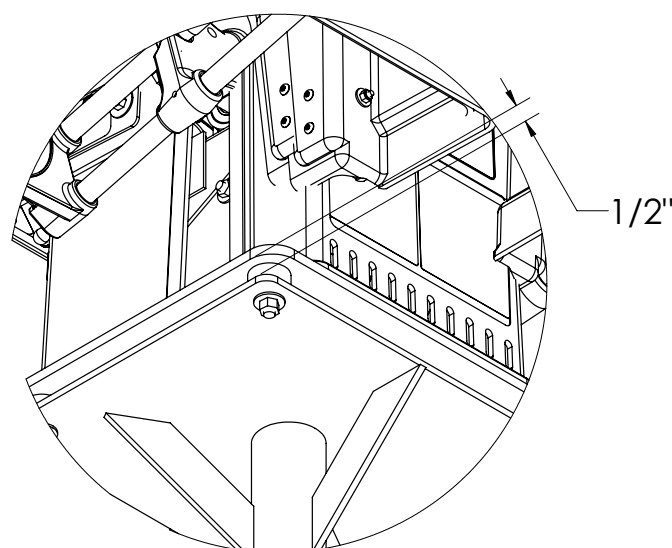


7. Adjust the fasteners.
 - a. Tighten all four bolts to just snug
 - b. Turn all four bolts 1 1/2 more turns.
 - c. Adjust the bolts as required to ensure the gap between the mounting base and the unit is 1/2 at all four bolts. This compresses the isolators equally.

3.4 Connect to Power

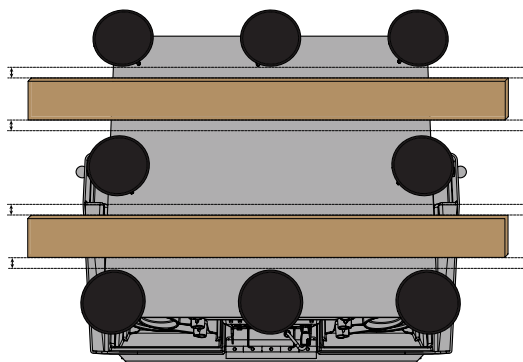
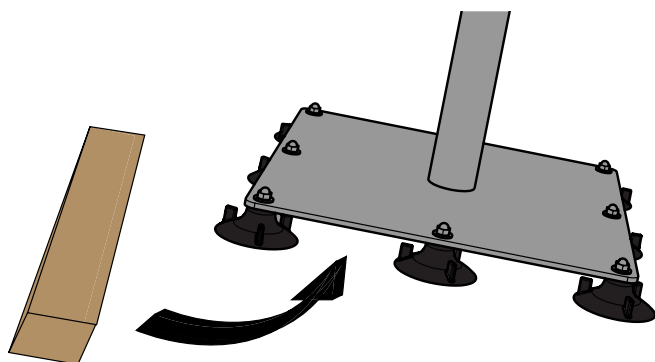
1. Follow the electrical instructions described in sections 1.2 & 2.2

The machine 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.



3.5 Test Operation

1. If the pedestal unit walks (moves) during operation the floor may be rough or uneven. Anchor the base to the floor as follows:
 - a. Tilt the mixer and base backward until you can insert a 2' x 4' board under the base. Make sure the board is clear of the front suction cups.
 - b. Tilt the mixer and base forward and insert another 2' x 4' under the rear of the base. Again, be sure the board clears the suction cups.



- c. Clean the contacting surfaces of the suction cups, and the floor where the cups will make contact.
 - d. Apply an even layer of rubber cement (or equivalent adhesive) to the contacting surfaces of the suction cups and to the floor directly under the cups.
 - e. **IMPORTANT: If the layer of rubber cement is too thick, it won't dry properly and won't anchor the unit adequately.**
 - f. Allow the cement to dry until it becomes tacky.
 - g. Remove the 2' x 4's and lower the entire machine to the floor. For long lasting adhesion, allow the cement to dry overnight before running the mixer.
 - h. Clean the contacting surfaces of the suction cups, and the floor where the cups will make contact.

4. Operation

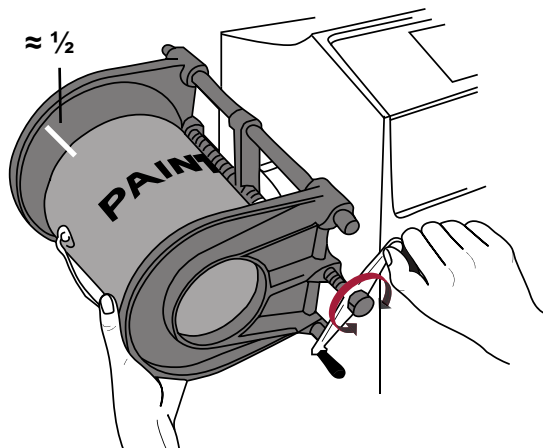
4.1 Install a Pail and Mix

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

1. Turn the handle counter-clockwise to open the clamping jaws about 1/2" wider than the length of the container.

⚠ Notice: Avoid damage to the machine. Do not operate the machine without a can

2. Insert the can and turn the handle clockwise to secure the can for mixing. Before turning on the mixer, always be sure that the container is held tightly-but don't use excessive pressure that could damage the can or clamping assembly.



3. If mixing with only one clamp on a Model 1400, install an empty can (or a piece of 2" x 4" board) in the other clamp.

4. If your model has a pushbutton timer, close the clamp guard, then:

- a. Set the power switch to ON.
- b. Select desired mixing time by pressing the appropriate button to initiate the mix cycle.

5. If your model has a mechanical timer, turn the dial to the appropriate time increment. The machine will start automatically once the dial is moved off of zero.

5. Care & Maintenance

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

5.1 Cleaning

⚠ WARNING! 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

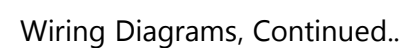
Lubrication:

- Measure the oil level periodically. Be sure the oil level is between the two marks on the dip stick. Use a good grade SAE 10W 30 motor oil.
- Avoid using too much oil as it could cause seepage around the main shaft. The capacity of the transmission is 11 oz.
- Keep the guide rods free of dirt, dried paint, and other foreign matter.
- Remove any small nicks with a fine file.
- Whenever the guide rods feel dry, wipe a little oil over them with a rag.
- Occasionally apply a thin film of oil to the clamp screws.

6. Troubleshooting

PROBLEM	CAUSE	REMEDY
Machine won't operate	Not connected to power source	Connect to power source
	Loose or broken wire connection	Have a qualified electrician replace or repair the wire connection
	Machine door does not make contact with limit switch	Read just switch to make contact with limit switch tab when door is closed
	Limit switch actuator does not make contact with limit switch	Readjust switch to make contact with limit switch screw when the cover is closed
	Mixer gaurd is not closed completely	Remove any obstruction and close the gaurd properly
	Motor Thermal Protector Activated	Allow to cool, then restart
	Faulty Control Panel	Contact Radia Customer Care
	Faulty Motor	Contact Radia Customer Care
Can won't fit properly into clamping plates	Can damaged	Fix or replace Can
Clamp does not hold cans sercurely	Clamp threads are worn	Replace the clamp assembly
Machine doesn't shut off at end of mixing cycle	Faulty timer/contoller	Contact Radia Customer Care
Machine doesn't shut off when gaurds are lifted	Faulty limit switch	Contact Radia Customer Care
Mixer Walking	Mixer is not on a Radia Equipment approved base	Contact Radia Customer Care
	Floor is not smooth	Anchor base to Floor, see section 3.5
Excessive Noise	Loose nuts on the mounting base	Tighten the nuts
	Gaurds are loose	Tighten the nuts
	Clamp plate loose	Contact Radia Customer Care
	Worn transmission bearings	Contact Radia Customer Care
Squeaking noise at the back of the machine	Hinge parts on the clap gaurds are rubbing against each other	Use spray lubricant on the hinge
Machine starts or runs slowly	Loose drive belt	Tighten or replace the drive belt

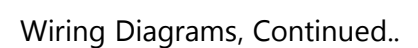
7.1 1400/1410 - 00 and 0H Models





April 2017

7.1 1400-00-N



...Wiring Diagrams, Continued

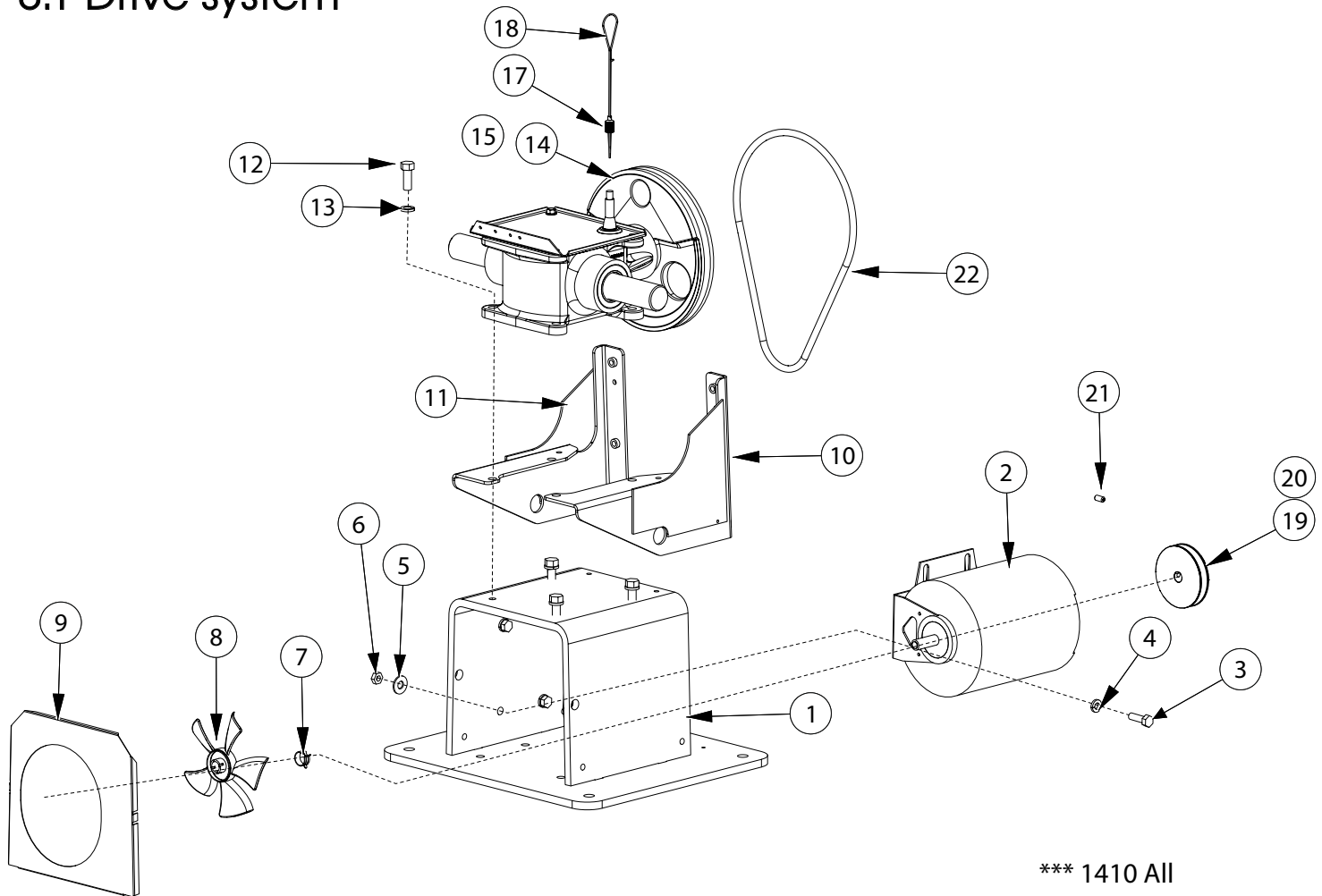
7.4 Internal Motor Wiring for 120V/60 Hz and 220V / 50 Hz Models

Motor Voltage Connections for 120 and 220 V

	<u>Lead</u>	<u>120V</u>	<u>220V</u>
Line In-----	Brown	5	4
	White	2	5
	Red	A	A
Ungrounded Line	Black	5	5

8. Exploded Views

8.1 Drive system



*** 1410 All

**** 1400-0H-E5

ID	Description
1	8621200 BASE WELDMENT, 54XX
2	6784902 MOTOR, AC, 1_3 HP, DUAL RATED
3	9561700 Screw Hex 5_16 X 1
4	9760521 Washer 5_16 Lock, Split
5	9100023 WASHER, FLAT 5_16 USS
6	9781493 Nut 5_16 Jam
7	9621600 RING, COMPRESSION, FAN - 54XX
8	9786120 FAN, 5 BLADE, CCW, 5.0 DIA
9	9621700 BAFFLE, FAN - 5400
10	9785062 HINGE BRACKET, TRANS RIGHT - 14XX
11	9785061 HINGE BRACKET, TRANS LEFT - 14XX
12	9780886 SCREW HEX 3_8-16 X 1.00

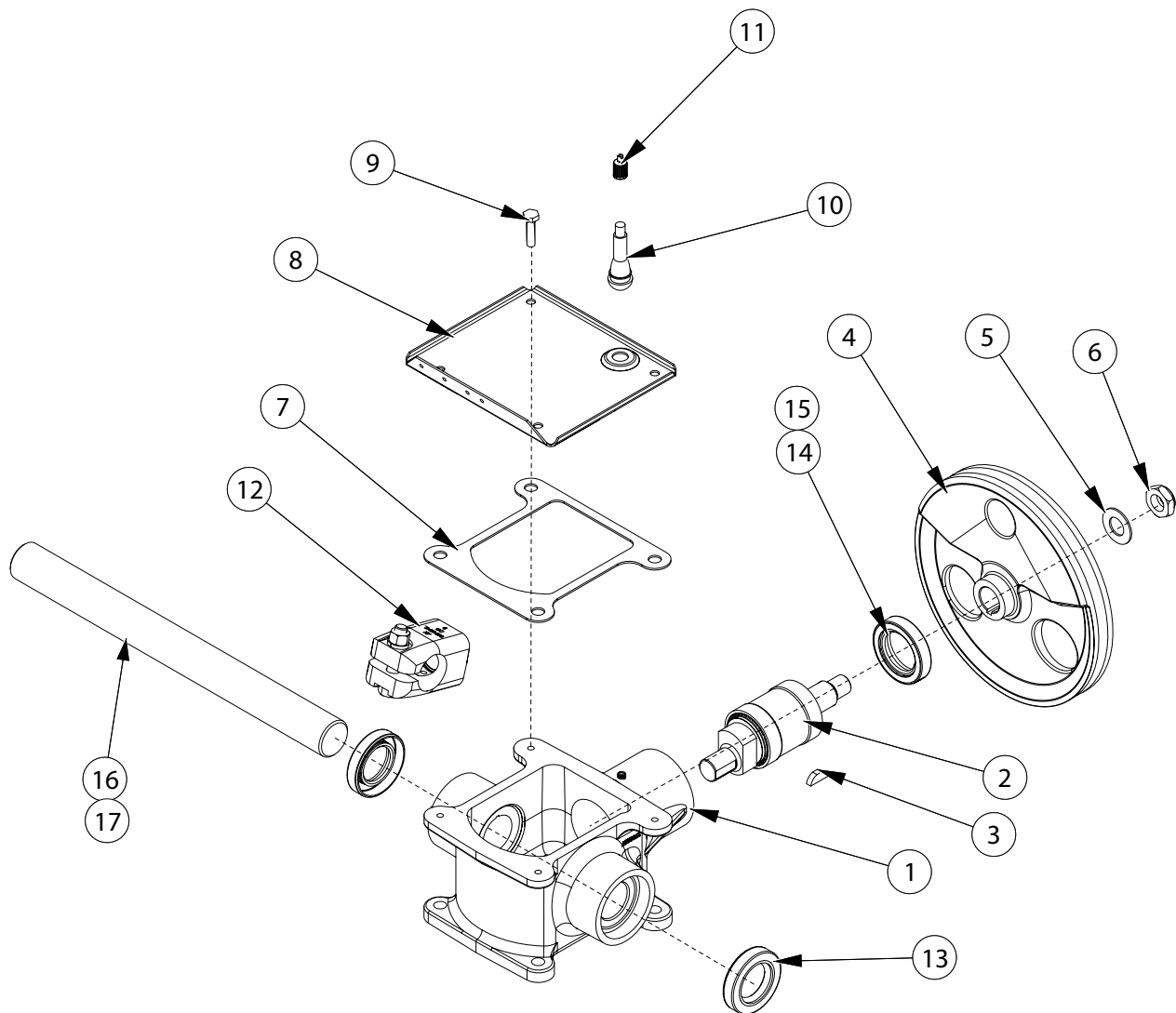
ID	Description	*
13	9780402 Washer 3_8 split lock	
14	6785273 TRANSMISSION ASSEMBLY - 1400	**
15	6785085 TRANSMISSION ASSY - 1410	***
17	9622600 CAP, SCHRADER VALVE, NYLON - 54XX	
18	9622700 DIPSTICK - 54XX	
19	9619000 PULLEY, STD, 60Hz MTR - 54XX	
20	9786047 PULLEY, STANDARD, 50Hz MTR	****
21	9159800 SCREW, SET, ...-20 X .50, CUP PT	
22	9592800 BELT, ROUND	

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

Exploded Views, Continued..

...Exploded Views, Continued

8.2 Transmission Assembly



* 1400-PB & 1400 -00-N

** 1410 MODELS

ID	Description
1	9786258 MACHINING, BEARING HOUSING - 14XX
2	6808900 ASSY, CRANKSHAFT - 54XX
3	9124700 KEY, WOODRUFF, NO. 606
4	9694000 PULLEY, COUNTERWEIGHT - 54XX
5	9690300 WASHER, COPPER, FLAT
6	9694100 NUT, NYLON LOCK, THIN, 0.625-18
7	9430300 GASKET, BEARING HOUSING - 54XX
8	9668300 COVER, BEARING HOUSING - 54XX
9	9781831 Screw, Hex 1_4 X 1

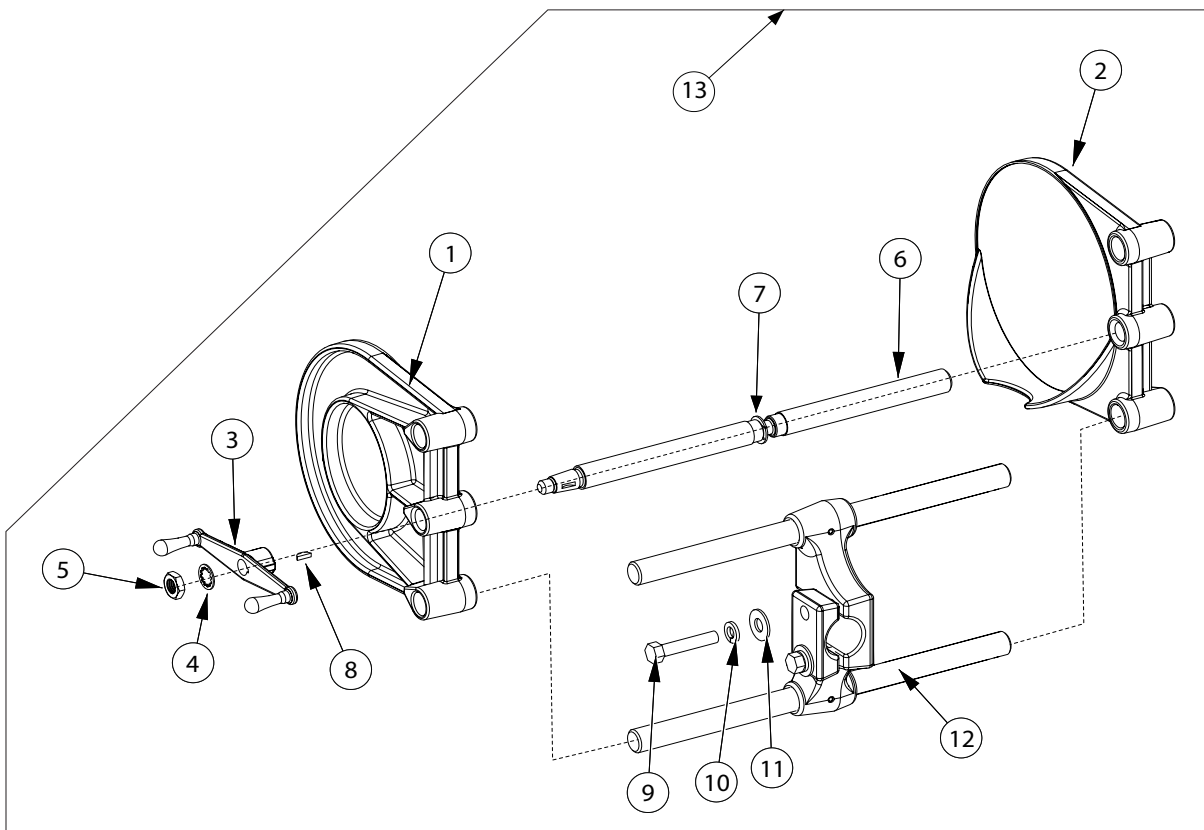
ID	Description
10	9622800 VALVE, TIRE
11	9622600 CAP, SCHRADER VALVE, NYLON - 54XX
12	9787092 BLOCK, UNIVERSAL - 14XX
13	9157400 SEAL, OIL, AGITATOR SHAFT
14	9359200 SEAL, OIL, CRANKSHAFT
15	9786147 SEAL, OIL, CRANKSHAFT *
16	9341700 SHAFT, AGITATOR, DUAL - 5400
17	9339600 Shaft, Agitator, Single **

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

Exploded Views, Continued..

...Exploded Views, Continued

8.2 Clamp Assembly, Left



ID	Description
1	9784822 CLAMP JAW, LEFT FRONT - 54XX
2	9784821 CLAMP JAW, LEFT REAR - 54XX
3	9188100 HANDLE, CLAMP, 5400
4	9785071 WASHER, LOCK, INTERNAL TOOTH, M12
5	9785072 NUT, HEX JAM, M12X1.75
6	9784830 CLAMP SCREW - 14XX
7	9782216 Thrust Washer

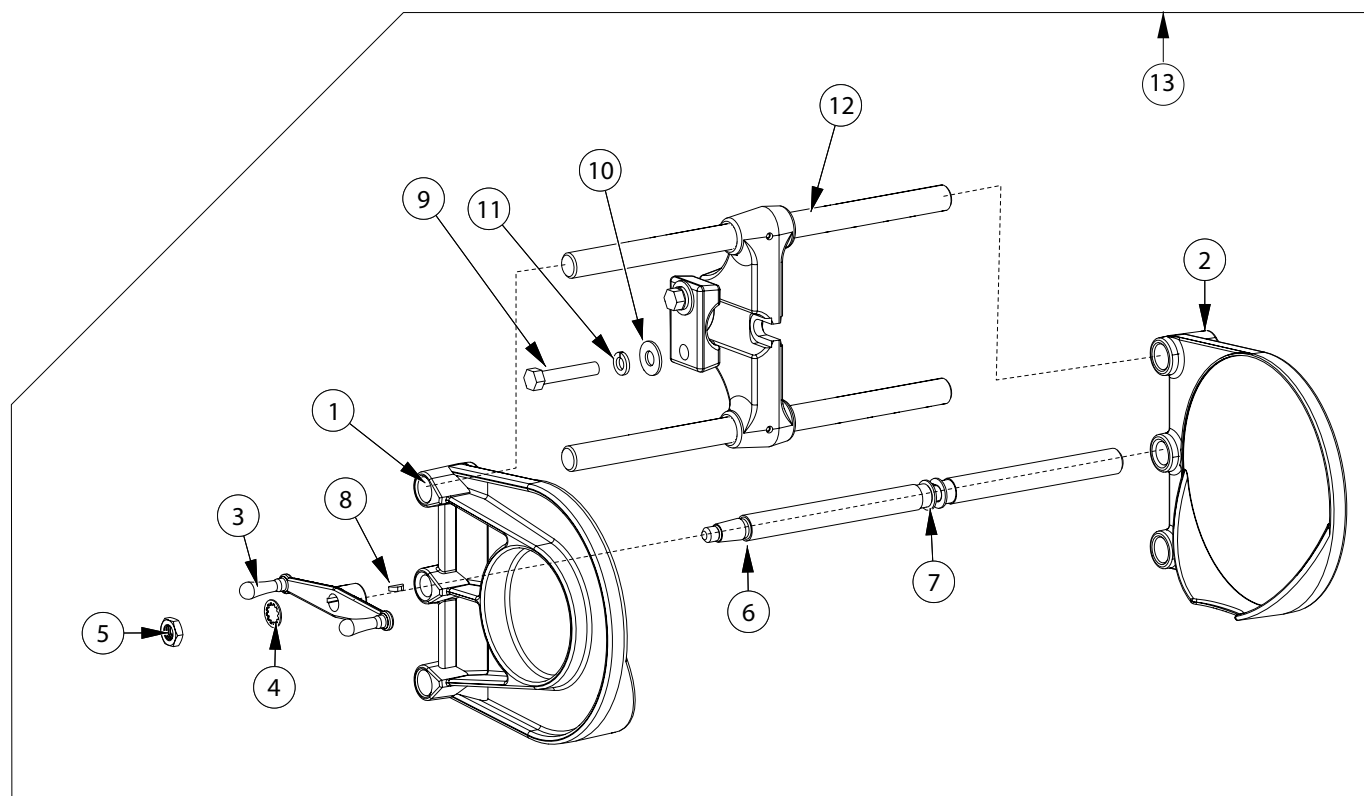
ID	Description
8	9140200 Key, Woodruff No 404
9	9690800 SCREW, HEX 3 - 8-16 X 2.00
10	9780402 Washer 3_8 split lock
11	9161100 Washer, Flat 3_8 USS
12	6784823 ASSY, GUIDE ROD, HD - 14XX
13	6785100 - Left Side Assembly Kit

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

Exploded Views, Continued..

...Exploded Views, Continued

8.4 Clamp Assembly Right



ID	Description
1	9784820 CLAMP JAW, RIGHT FRONT - 54XX
2	9784819 CLAMP JAW, RIGHT REAR - 54XX
3	9188100 HANDLE, CLAMP, 5400
4	9785071 WASHER, LOCK, INTERNAL TOOTH, M12
5	9785072 NUT, HEX JAM, M12X1.75
6	9784830 CLAMP SCREW - 14XX
7	9782216 Thrust Washer

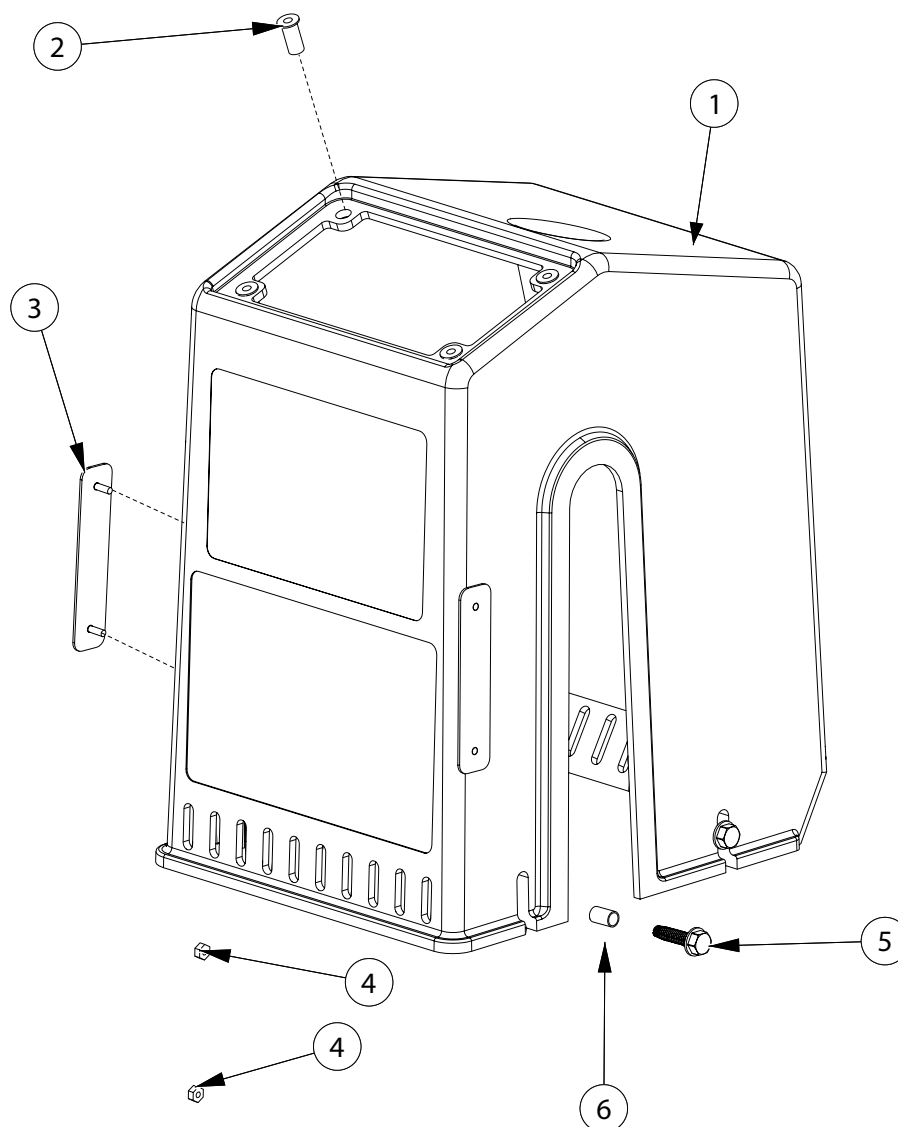
ID	Description
8	9140200 Key, Woodruff No 404
9	9690800 SCREW, HEX 3_8-16 X 2.00
10	9161100 Washer, Flat 3_8 USS
11	9780402 Washer 3_8 split lock
12	6784823 ASSY, GUIDE ROD, HD - 14XX
13	6785101 - Right Side Assembly Kit

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

Exploded Views, Continued..

...Exploded Views, Continued

8.5 Enclosure Assembly



ID	Description
1	9785040 Enclosure, Clamp Cover - 14XX
2	9781812 WELL NUT, #10-32
3	9785073 STRIKE PLATE, CLAMP COVER - 14XX
4	9781840 Nut, Keps #8-32

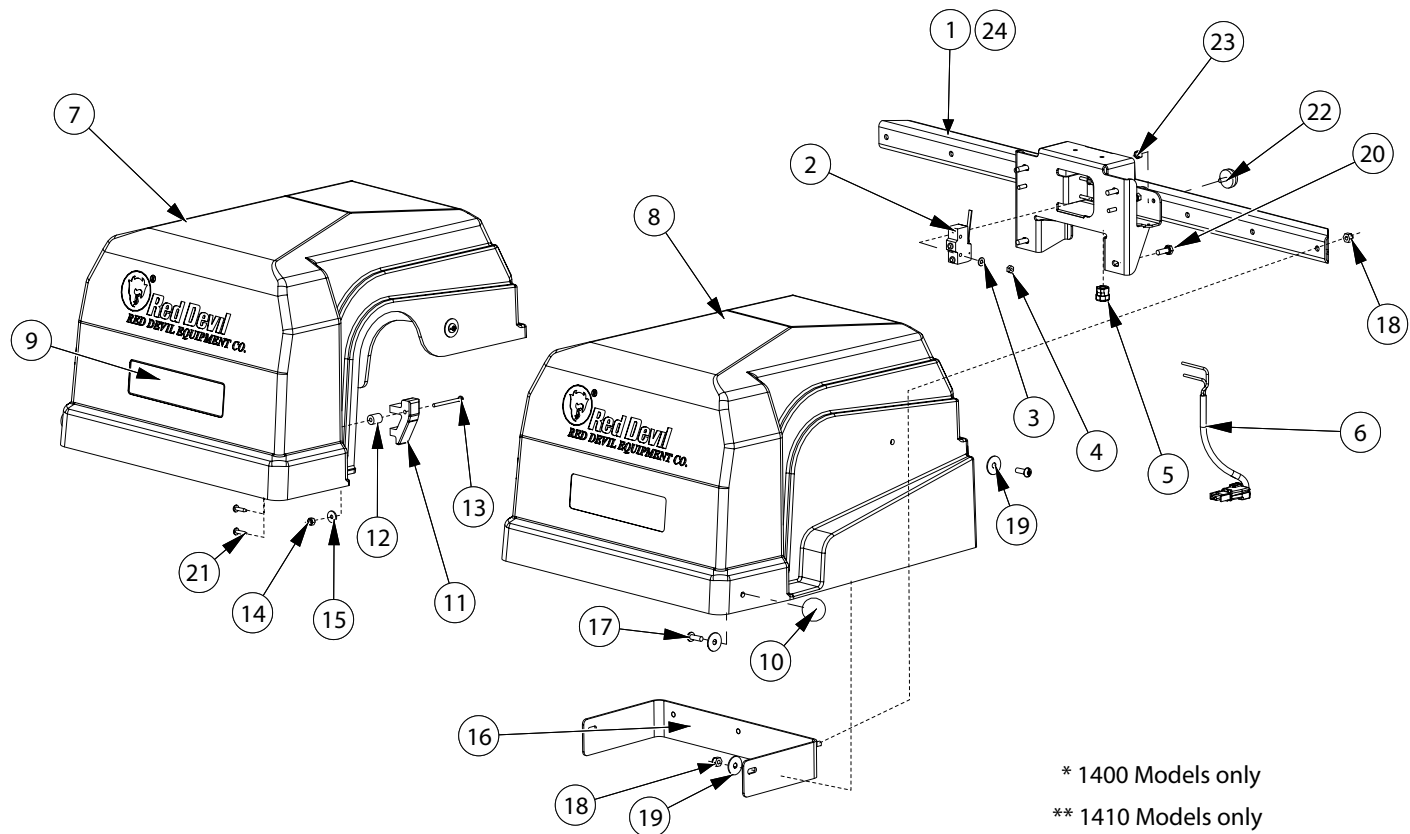
ID	Description
5	9785592 SCREW, TYPE F 5_-16-18 X 1.25
6	9781672 BUSHING - 1400

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

Exploded Views, Continued..

...Exploded Views, Continued

8.6 Clamp Cover Assembly



* 1400 Models only

** 1410 Models only

ID	Description
1	9785063 HINGE TUBE WELDMENT - 1400
2	5783815 Switch, Limit 1hp
3	9784922 WASHER, FLAT #8
4	9781840 Nut, Keps #8-32
5	9782457 Strain Relief
6	5785064 Cable, Limit Switch
7	9785002 CLAMP COVER, LEFT *
8	9785003 CLAMP COVER, RIGHT
9	1785065 LABEL, WARNING CLAMP COVER - 14XX
10	9785066 HANDLE, RED BALL - 14XX
11	9785067 TENSION BLOCK, CLAMP COVER - 14XX
12	9785124 SPACER, RD, NYLON .625L X .5 X #10
13	9785125 SCREW, PH PAN HD 8-32 X 2.00

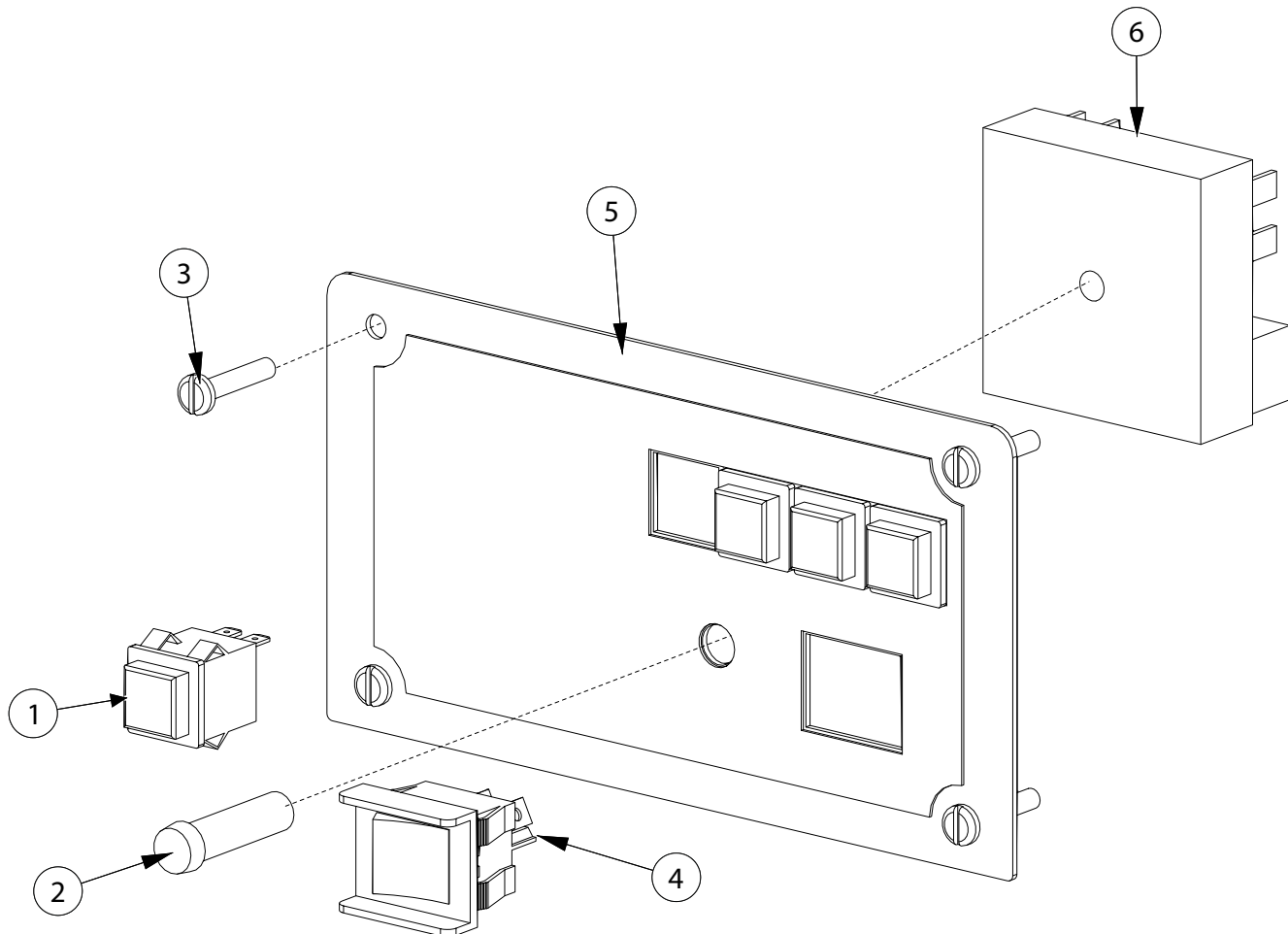
ID	Description
14	9785126 Nut #8-32 Nylon Lock
15	9785129 washer, fender #8 x .625
16	9785068 STUD PLATE, CLAMP COVER - 14XX
17	9780827 Screw, Truss Head, 1_4-20 X 3_4
18	9780343 Nut 1_4-20 Nylon Lock
19	9781414 Washer Fender 1_4
20	9784555 SCREW, HEX SEMS 1_4-20 X .75
21	9785059 Screw, Truss Hd Sheet Metal #8 X .75
22	9784048 Bumper, Threaded Rubber
23	9781383 NUT, NYLON LOCK #10-32
24	9785074 HINGE TUBE WELDMENT - 1410 **

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

Exploded Views, Continued..

...Exploded Views, Continued

8.7 Electrical Assembly PB



ID	Description
1	5782584 PUSH BUTTON, GREEN
2	5782448 Operation Lamp, Neon
3	9781813 Screw, Pan Head 10-32 X 1.00

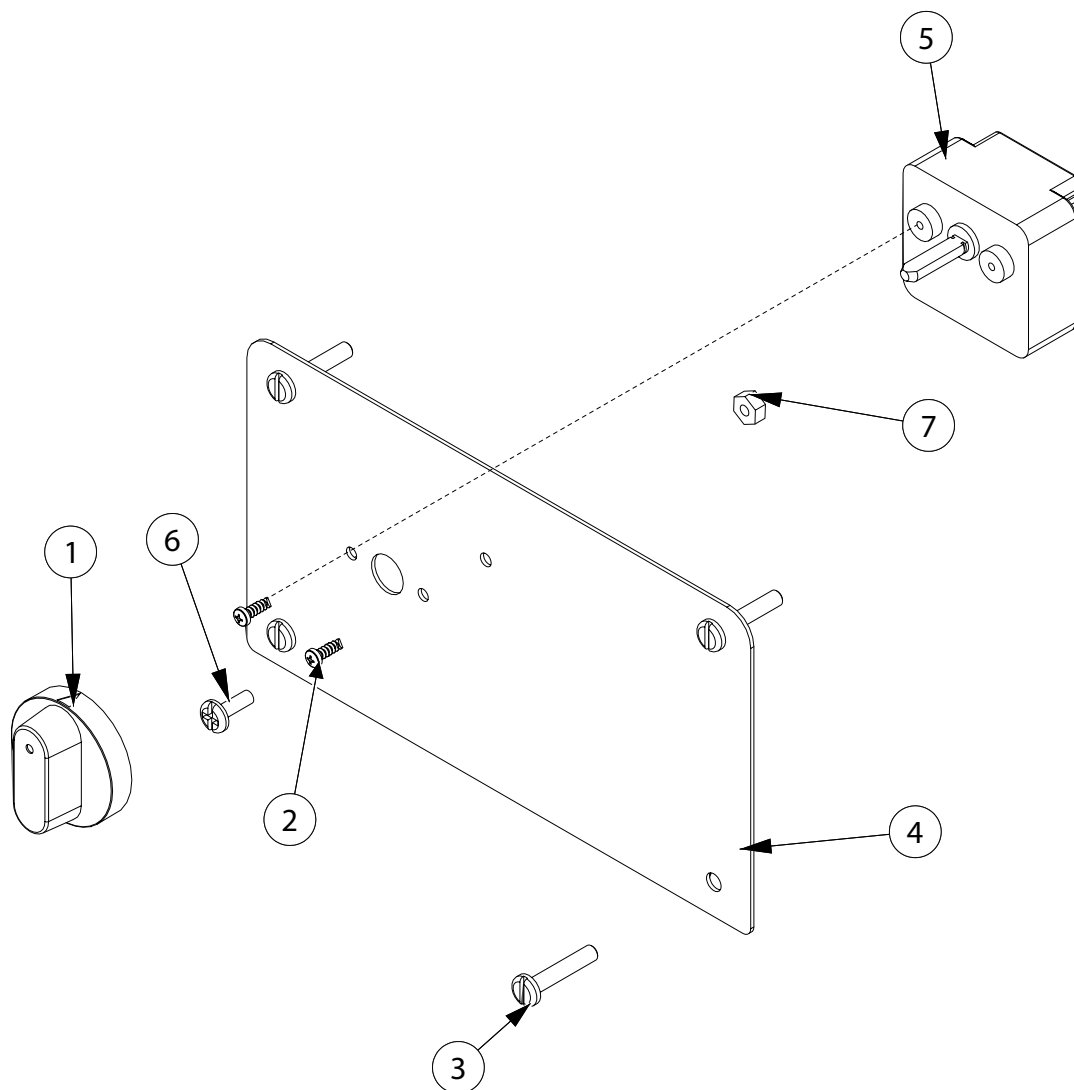
ID	Description
4	5782445 POWER SWITCH
5	9782843 Pushbutton Timer Plate
6	5782894 Controller

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

Exploded Views, Continued..

...Exploded Views, Continued

8.8 Electrical Assembly OO



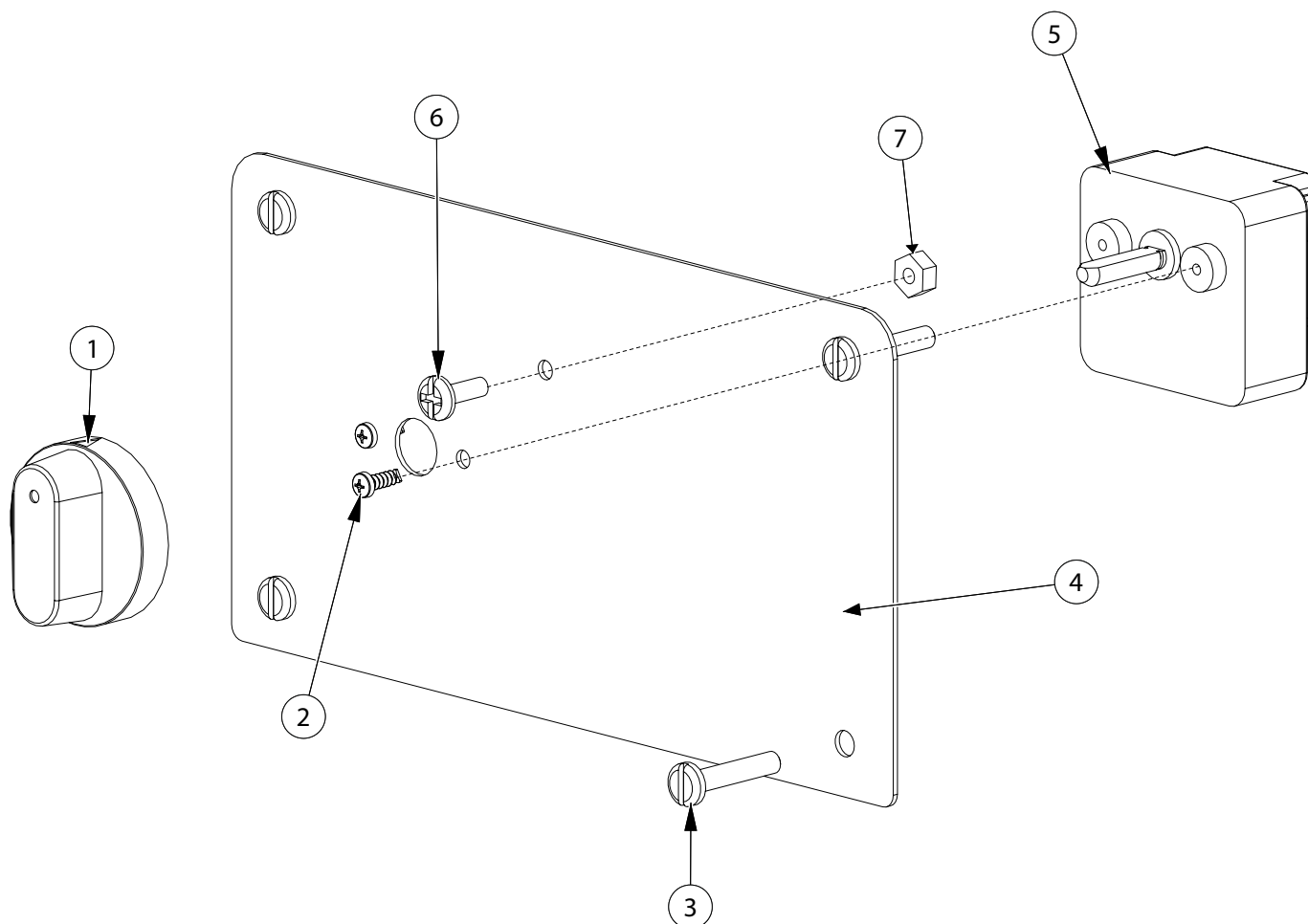
ID	Description
1	9756960 Knob
2	9784198 Screw, Pan hd thd forming #4 x .38
3	9781813 Screw, Pan Head 10-32 X 1.00
4	9781049 TIMER PLATE, 15 MINUTE

ID	Description
5	5782184 TIMER, 15 MINUTE
6	9760537 Screw, Truss Head, 8_32 X 50
7	9781840 Nut, Keps #8-32

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

...Exploded Views, Continued

8.9 Electrical Assembly OH



ID	Description
1	9756960 Knob
2	9784198 Screw, Pan hd thd forming #4 x .38
3	9781813 Screw, Pan Head 10-32 X 1.00
4	9622200 TIMER PLATE, 60 MINUTE

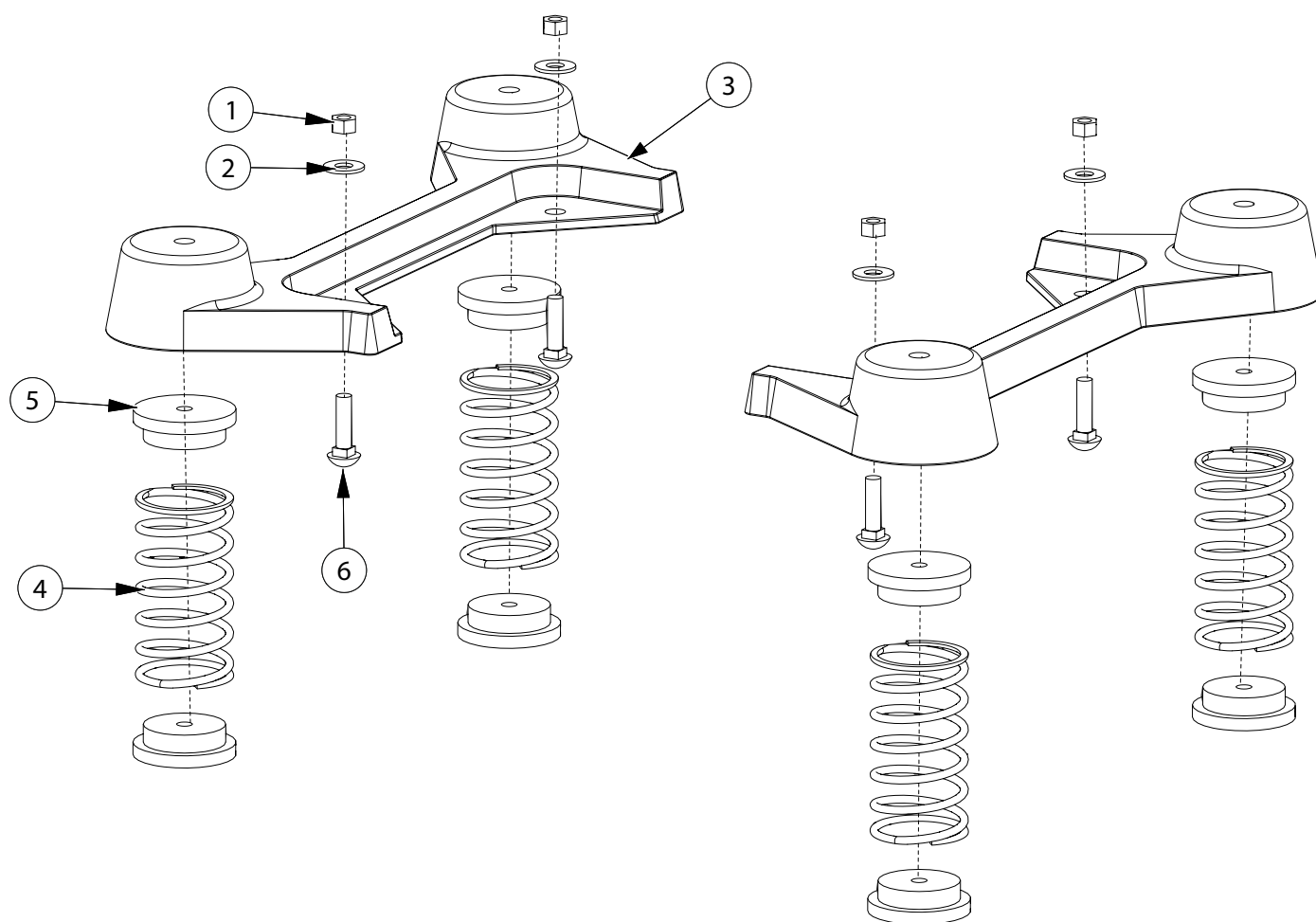
ID	Description
5	5758710 TIMER, 60 MINUTE
6	9760537 Screw, Truss Head, 8_32 X 50
7	9781840 Nut, Keps #8-32

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

Exploded Views, Continued..

...Exploded Views, Continued

8.10 Counter Base (5153-00)



ID	Description
1	9389500 Nut, Hex 3_8-16
2	9161100 Washer, Flat 3_8 USS
3	9616500 Counter Base
4	9190400 Spring

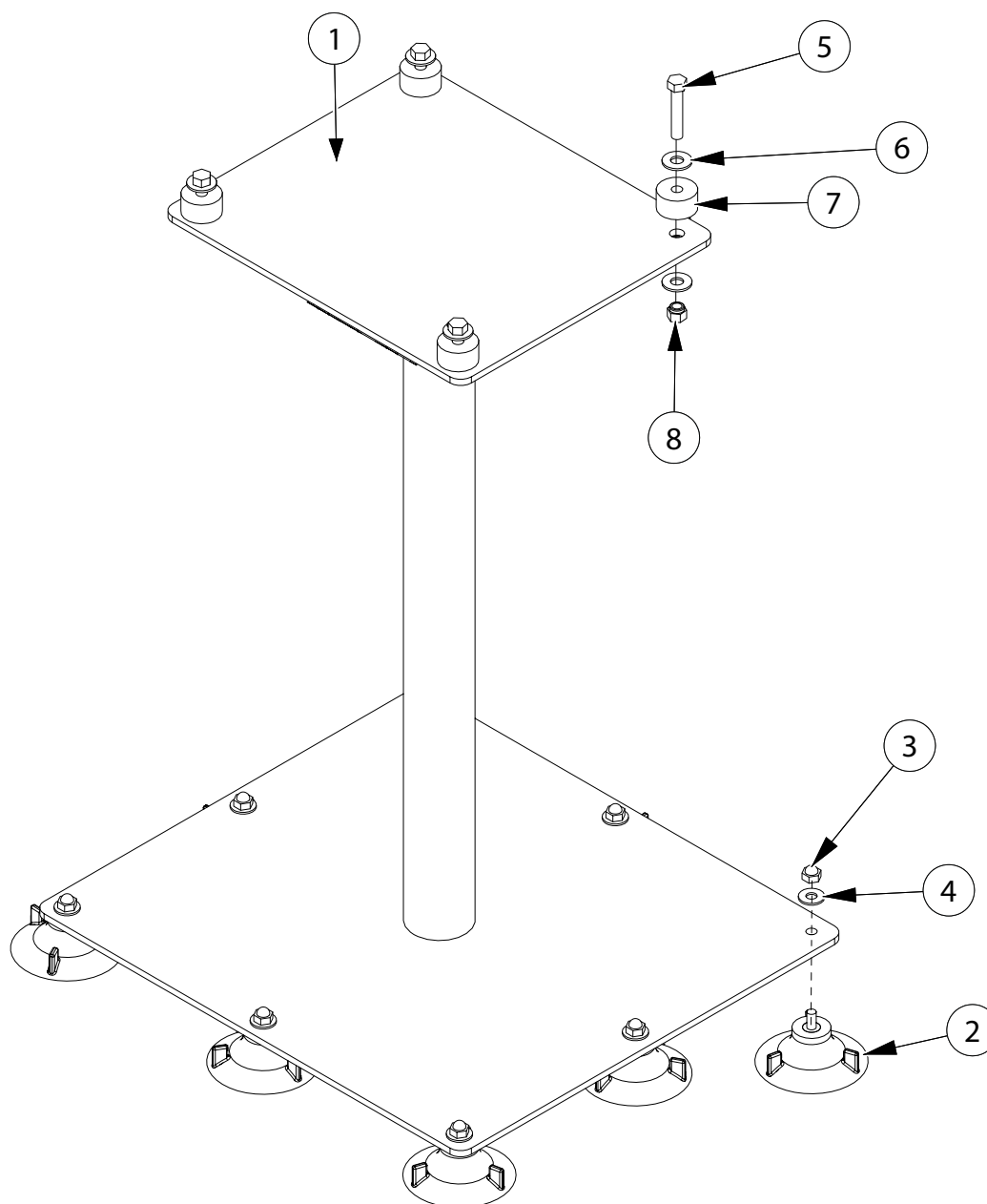
ID	Description
5	9190300 Foot, Rubber
6	9190800 CARRIAGE BOLT 3_8-16 X 1.50

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

Exploded Views, Continued..

...Exploded Views, Continued

8.11 Pedestal Base (5151-00)



ID	Description
1	9782610 Top Plate, Pedestal Base
2	9324700 Foot, Suction Cup
3	9436300 NUT, ACORN CAP 5_16-18
4	9100023 WASHER, FLAT 5_16 USS
5	9780617 SCREW HEX 3_8-16 X 2.00

ID	Description
6	9161100 Washer, Flat 3_8 USS
7	9327500 Rubber feet
8	9780193 Nut, Nylock 3_8-16

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

9. Ordering Replacement 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



10. Warranty

Equipment Covered Under This Warranty

Models 1400 and 1410–PB, 1400 and 1410–OO, 1400 and 1410–OH, 1400–OH–E5N, 1400–OO–N, and 1400–OH–N

Warranty

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.



April 2017

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: 763.833.0015

E-mail: info@radiaproducts.com

www.radiaproducts.com



For instructional "How To" videos please visit:
www.radiaproducts.com

