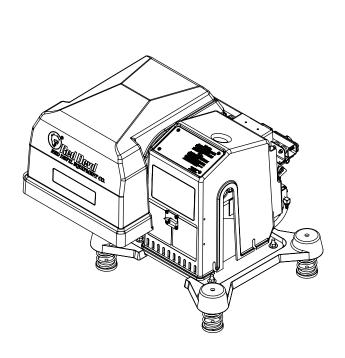
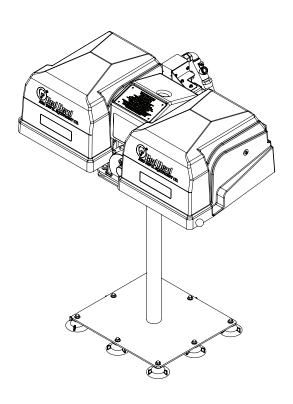
Owner's Manual: 1400 & 1410 Air & Explosion

One-Gallon Shaker

Models 1400, 1410-A1, 1400-X1



1410-A1 on Counter Base (5153-00)



1400-X1 on Pedestal Base (5151-00)





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Air & Explosion

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1. Saftey 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



"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, se vere burns, and loss or impairment of vision or hearing. Take all necessary precautions to avoid unnecessary



"CAUTION!" indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.



"NOTICE" indicates practices that do not involve physical injury but may damage the machine.

Safety Information, Continued...

1.1 Safety Precaution labels



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 elêctrico y daños.
- -Desconecte la energía antes de dar mantenimiento, limpiar o quitar caulquier 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 utilizer mise a' la terre incorrecte peut provoquer un choc e'lectrique et de hlessure
- 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'opre'rateur; E'chec de

A CAUTION **A**

AIR SUPPLY NOT TO EXCEED 150 PSI MINIMUM AIR SUPPLY
REQUIREMENT IS 80 PSI
EL SUMINISTRO DE AIRE NO DEBE EXCEDER LOS 150 PSI
MÍNIMO REQUISTIO DE SUMINISTRO DE AIRE ES DE 80 PSI
LA PRESSION DE L'ALIMENTATION EN AIR NE DOIT PAS

DÉPASSER 1034 KPA (150LB/PO)

LA PRESSION MINIMALE DE L'ALIMENTATION EN AIR EST DE

551,6 KPA (80 LB/PO)

Part No. 1780668 1400 & 1410 -A1 only

Part No. 1781570

CAUTION MOVING PARTS INSIDE	AVERTISSEMENT LES PARTIES EN MOUVEMENT À L'INTERIEUR DE LA MACHINE	PRECAUCIÓN PIEZAS MÓVILES ADENTRO
- Do not operate with safety gaurd open.	- Ne pas mettre en service si le dispositif de protection est ouvert.	- No operar con el protector de seguridad abierto.
- Do not open safety gaurd until machine comes to a complete stop.	- Ne pas ouvrir le dispositif de protection avant l'immobilisation complete de la machine.	- No abrir el protector de seguridad hasta que la màquina este completamente parada.

Part No. 1785065

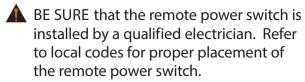
Air & Explosion

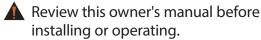
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Safety Information, Continued..

1.2 Safety Precaution Summary

WARNING!





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.

A 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.

Follow the lockout/tagout procedures of your company.

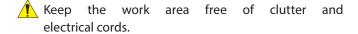
▲ DO NOT open the door until the machine comes to a complete stop.

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.

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.

A CAUTION!



DO NOT disable the limit switch. This switch interrupts power when the mixer door is opened

improper electrical grounding, extension cords are not recommended. If an 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 situsation.

Avoid extension cords. To minimize the risk of

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 durning 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-A1 W** 41.63 in. (105.74 cm) **D** 32.25 in. (75.26 cm) **H** 31.50 in. (80.01 cm)
- **1410-A1, W** 27.88 in. (70.81 cm) **D** 29.63 in. (75.26 cm) **H** 31.5 in. (80.01 cm)
- 1400-X1

Shipping Weight:

- **1400-A1, 1400-X1,:** 192 lb. (87.1 kg)
- **1410-A1:** 152 lb. (68.9kg)

Electric Service: 120 V 60 Hz (-X1)

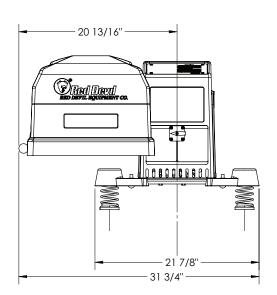
Air Service: 10 CFM, Min. 80 PSI, Max 150 PSI

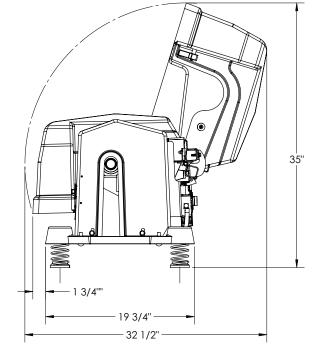
(-A1)

Capacity: 18 lb. (8.2 kg) per clamp Sizes Mixed: 1 gal., 1 gt., 1 pt.

1400 & 1410-A1 Mounted on either Pedestal or Counter Top bases.

1400-X1 Mounted on pedestal base only



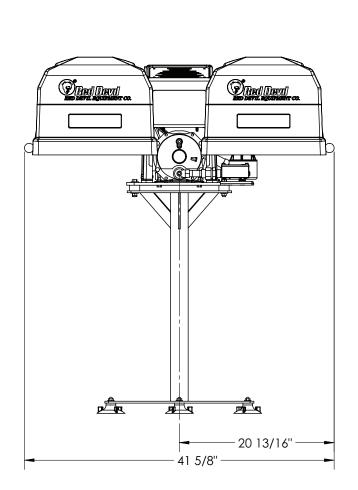


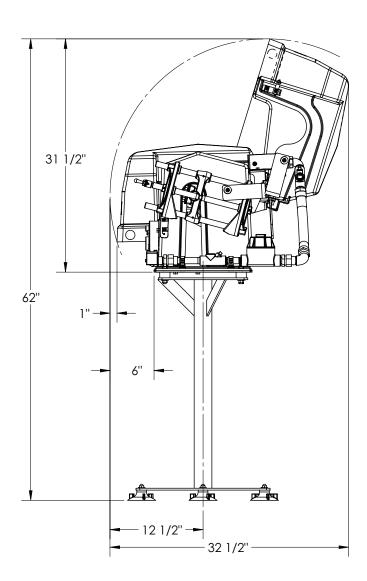
Single Gallon

1410-A1 No Timer

Air & Explosion

2.2 Specifications Conitued





Twin Gallon

1410-A1 No Timer 1400-X1 120V / 60Hz No Timer

3. Assemble and Test

3.1 Prepare for Use

IMPORTANT: Before attempting to operate the machine:

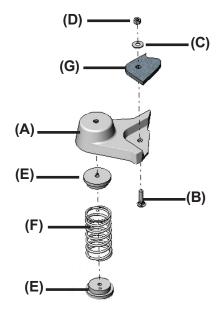
- 1. Remove all packing material from the unit.
- 2. Remove all packing material from the

3.2 Assemble the Countertop Base (See Section 8.10)

NOT FOR USE WITH 1400-X1

- 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.

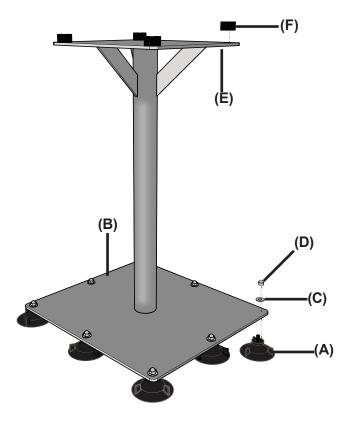
NOTE: Be sure that the machine and base are placed on a flat, stable countertop surface.



3.3 Assemble the Pedestal Base (See Section 8.11)

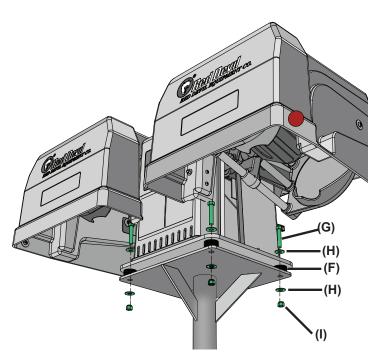
- 1. Insert the studs of the suction cups **(A)** up through the eight holes in the bottom of the base **(B)**.
- 2. Secure them by installing the washers **(C)** and acorn nuts **(D)** provided.
- 3. Hand tighten first, then tighten the nuts one complete turn with a wrench.
- 4. Align the openings of the rubber bumpers **(F)** over those on the upper plate of the base **(E)**.

NOTE: DO NOT overtighten the nuts.



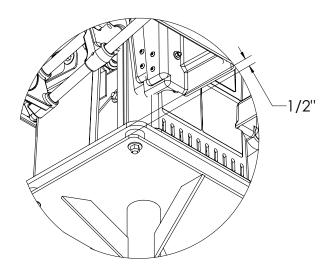
Assembly and Test, Continued..

- 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 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.



3.4 Connect to Power

1. X1 machines

Follow the electrical instructions described in sections 1.2 & 2.2

2. A1 machines

Connect a 10 CFM air supply to the inlet side of the filter regulator. The air supply must be at least 80 PSI to reliably operate the machine, and **MUST NOT EXCEED** 150 PSI.

The Lubicator requires air tool oil. It is shipped without oil to prevent leaking during shipment. See Section 5.4.



Lubicator

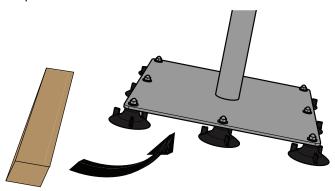
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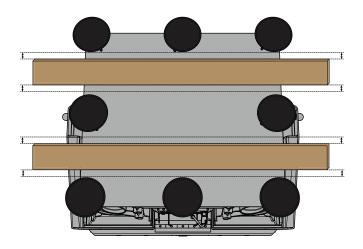
Assembly and Test, Continued..

3.5 Test Operation

- 8. 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.



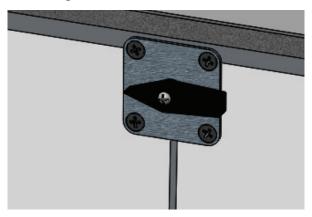
- **c.** Clean the contacting surfaces of the suction cups, and the floor where the cups will make contact.
- **d.** Apply an even layer of rubber cement (or equivalent adhesive) to the contacting surfaces of the suction cups and to the floor directly under the cups.
- e. IMPORTANT: If the layer of rubber cement is too thick, it won't dry proerly 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.



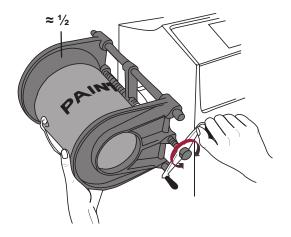
4. Operation

4.1 Install a Pail and Mix

- 1. Turn the handle counter-clockwise to open the clamping jaws about 1/2" wider than the length of the container.
- 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.
- Notice: Avoid damage to the machine. Do not operate the machine without a can installed in a clamp..
- 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. Close the guards to activate the air switch.



- 5. For Air models turn the Flow Control Valve on for the desired amount of time
- 6. For Explosion proof models, turn the power on at the remote power switch for the desired amount of time.



5. Care & Maintance

WARNING! Avoid serious personal injury. Always turn the power off before performing maintenance tasks.

Disconnect the air for air operated models and bleed air pressure from the mixer.

5.1 Cleaning

- 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 (All Models)

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 10 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.

5.3 Maintenance (1400-X1)

Belt tension (1400-X1)

 Maintain the belt tension. To adjust, loosen the two screws on the idler support bracket. Slide the idler to tighten the belt, then retighten the screws.

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5.4 Maintenance (Air Models)

CAUTION - ALWAYS SHUT OFF THE AIR SUPPLY LINE AND BLEED THE AIR PRESSURE FROM THE MIXER BEFORE SERVICING!

 Drain the filter of accumulated water as often as required.

NOTE: FAILURE TO DRAIN THE FILTER CAN RESULT IN MOTOR FAILURE. CHECK AND DRAIN THE FILTER REGULARLY.

- a. Push pin at bottom of filter bowl to drain water (Figure 1).
- 2. Change the air filter element (Radia part #9787499) when it becomes dirty or when the shake speed of the mixer becomes slow.
 - Remove the bowl from the Filter Regulator (Figure 2).
 - b. Twist of the disc shaped end piece and then replace the cylinder shaped filter. (Figure 3)
- 3. Refill the Air Lubricator

NOTE: FAILURE TO KEEP THE MIXER PROPERLY LUBRICATED CAN RESULT IN FAILURE OF THE AIR MOTOR. CHECK THE OIL LEVEL REGULARLY.

- a. Remove the lubricator bowl (Figure 2)
- b. Fill the bowl with air tool oil to 1/4" to top of the bowl
- c. Reinstall the bowl to the air lubricator
- 4. Adjust the drip rate of the air lubricator.

NOTE: INADEQUATE LUBRICATION CAN RESULT IN PRE-MATURE FAILURE OF THE MOTOR. OVER LUBRICATION CAN LEAD TO EXCESSIVE OIL DRIP FROM THE MUFFLER OR CLOGGING THE MOTOR.

a. Turn the clear knob on top of the lubricator
 to maintain a drip rate of 1 drop every
 1-2 minutes.



Fig. 1: Draining accumulated water in air filter



Fig. 2: Removing the regulator or lubricator bowl



Fig. 3: Replacing air filter

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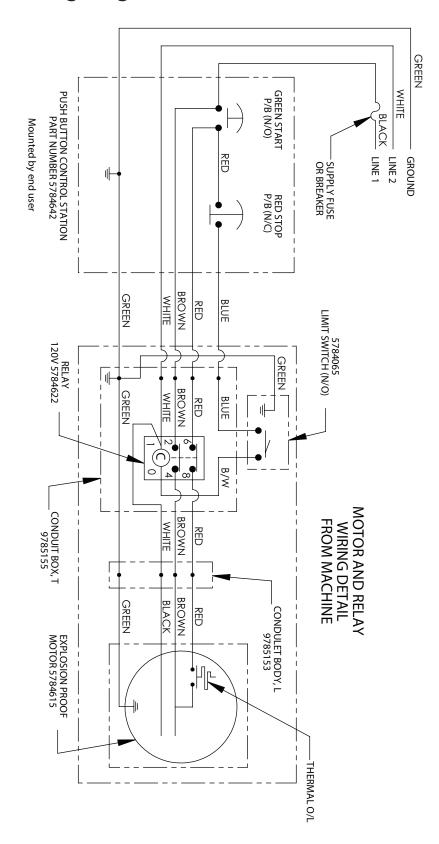
6. Troubleshooting

PROBLEM	CAUSE	REMEDY			
	Not connected to power source	Connect to power source			
	Loose or broken wire connection	Have a qualified electrician replace or repair the wire connection			
	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 guard is not closed completely	Remove any obstruction and close the guard properly			
Mixer will not operate	Motor thermal protector activated	Allow to cool, then restart			
	Faulty Remote Switch/Air Switch	Contact Red Devil Equipment Co. Customer Care			
	Faulty motor	Contact Red Devil Equipment Co. Customer Care			
	Air pressure low or restricted	Check air supply lines			
	Air lubricator not dripping oil.	re-fill oil reservoir, adjust drip rate, or replace o-ring.			
Pail won't fit properly into clamping plates	Pail damaged	Fix or replace pail			
Clamp does not hold cans securely	Clamp threads are worn	Replace the clamp assembly			
Mixer does not shut off at the end of a mixing cycle	Faulty Remote Switch/Air Switch	Contact Red Devil Equipment Co. Customer Care			
Mixer does not shut off when guards are lifted	Faulty Limit Switch/Air Switch	Contact Red Devil Equipment Co. Customer Care			
Mixer walking	Machine is not on a Red Devil Equipment Co. approved base	Contact Red Devil Equipment Co. Customer Care to order a base			
	Floor is not smooth	Anchor base to the floor, see section 3.5			
	Loose nuts on the mounting base.	Tighten the nuts.			
	Guards are loose	Tighten the nuts.			
Excessive noise	Clamp plate loose	Contact Red Devil Equipment Co. Customer Care			
	Worn transmission bearings	Replace transmission assembly			
	Loose drive belt	Tighten or replace drive belt			
Mixer starts slowly or runs	Air pressure low or restricted	Check air supply lines.			
slowly	Air lubricator not dripping oil	Re-fill oil reservoir, adjust drip rate, replace o-ring.			
	Dirty or clogged air filter	Replace air filter			

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7. Wiring Diagrams

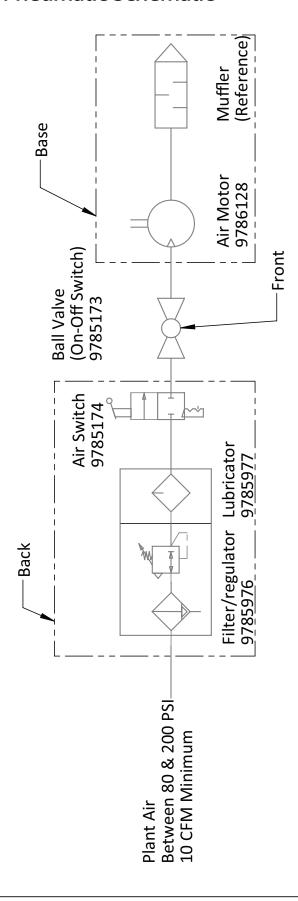
7.1 1400-X1 Model Wiring Diagram



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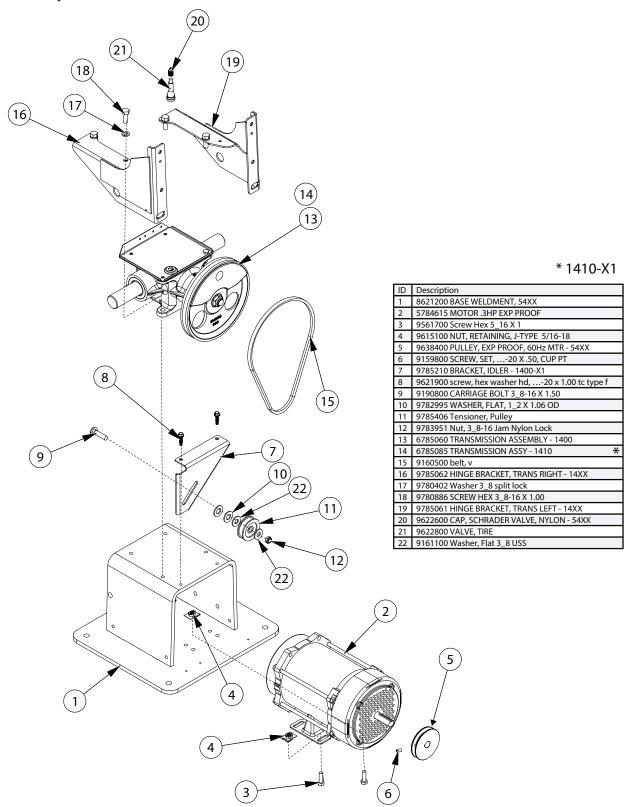
...Wiring Diagrams, Continued

7.3 1400 & 1410-A1 Pneumatic Schematic



8. Exploded Views

8.1 Drive System 1400-X1



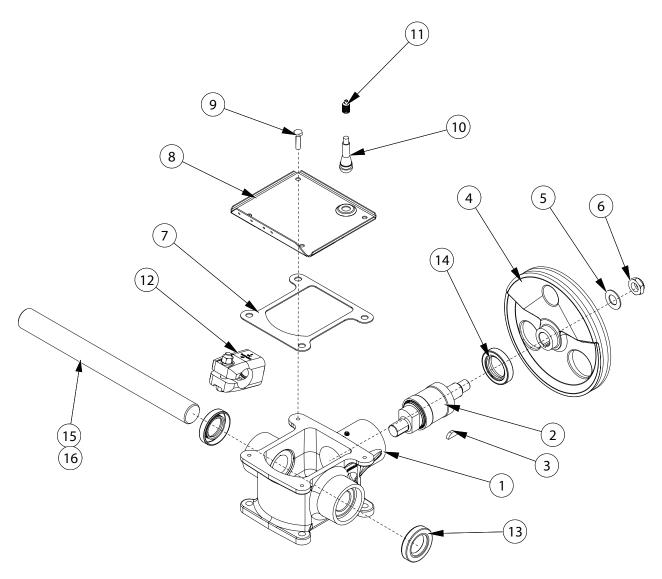
PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY

Exploded Views, Continued..

Air & Explosion

...Exploded Views, Continued

8.2 Transmission Assembly



*1	11	Λ	Λ	. 1

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

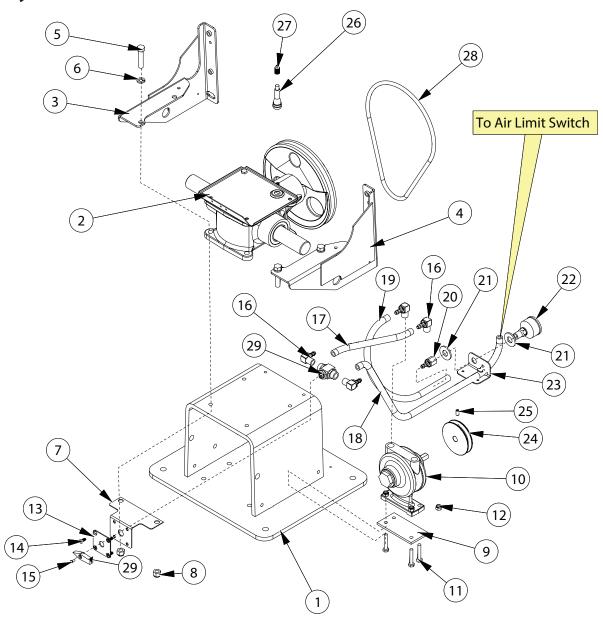
ID	Description	
10	9622800 VALVE, TIRE	
11	9622600 CAP, SCHRADER VALVE, NYLON - 54XX	
12	9787092 BLOCK, UNIVERSAL - 14XX	
13	9157400 SEAL, OIL, AGITATOR SHAFT	
14	9359200 SEAL, OIL, CRANKSHAFT	
15	9341700 SHAFT, AGITATOR, DUAL - 5400	
16	9339600 SHAFT AGITATOR SINGLE	*

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...Exploded Views, Continued

8.3 Drive System 1400 & 1410-A1



ID	Description
1	8621200 BASE WELDMENT, 54XX
2	6785060 TRANSMISSION ASSEMBLY - 1400
3	9785061 HINGE BRACKET, TRANS LEFT - 14XX
4	9785062 HINGE BRACKET, TRANS RIGHT - 14XX
5	9785092 Screw Hex 3_8-16 X 1.75 FULL THD
6	9780402 Washer 3_8 split lock
7	9785123 MOUNT, VALVE - 14XX-A1
8	9780193 NUT, NYLOCK 3_8-16
9	9780725 PLATE, MOTOR MOUNT - 14XX-A1
10	9786128 MOTOR, AIR, CCW
11	9780353 Screw Hex 1_4 X 1 1_2
12	9780343 Nut 1_4-20 Nylon Lock
13	9785172 PLATE, VALVE - 14XX-A1
14	9785190 SCREW, FLAT HD, PH #10-32 x .50 BLK OXIDE
15	9759820 Screw, Ph Pan Hd 6-32 X .375

_	
ID	Description
16	9780732 ELBOW, HOSE, .25 MNPT X .25 BARB
17	9786121 HOSE, AIR, VALVE TO MOTOR - 14XX-A1
18	9785178 HOSE, AIR, PREP TO VALVE - 14XX-A1
19	9785180 HOSE, AIR, MOTOR TO MUFFLER - 14XX-A1
20	9780567 BARB, HOSE, .25 FNPT X .25 BARB
21	9688200 Washer 1_2
22	MUFFLER, AIR MOTOR
23	9785177 BRACKET, MUFFLER - 14XX-A1
24	9619000 PULLEY, STD, 60Hz MTR - 54XX
25	9159800 SCREW, SET,20 X .50, CUP PT
26	9622800 VALVE, TIRE
27	9622600 CAP, SCHRADER VALVE, NYLON - 54XX
28	9592800 BELT, ROUND
29	9785173 VALVE, BALL, PANEL

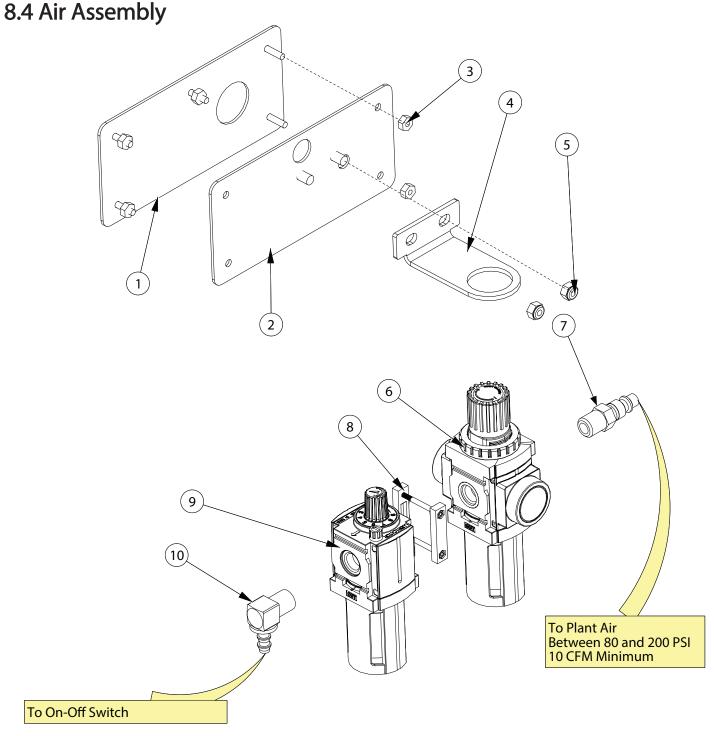
PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY

Exploded Views, Continued..

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...Exploded Views, Continued



ID	Description
1	9785182 BRACKET, INTERNAL, AIR PREP - 14XX-A1-N
2	9785181 BRACKET, EXTERNAL, AIR PREP - 14XX-A1-N
3	9781840 Nut, Keps #8-32
4	9785978 MOUNT, FILTER REGULATOR - 14XX-A1
5	9781383 NUT, NYLON LOCK #10-32
6	9787499 FILTER REGULATOR, AIR - 14XX-A1

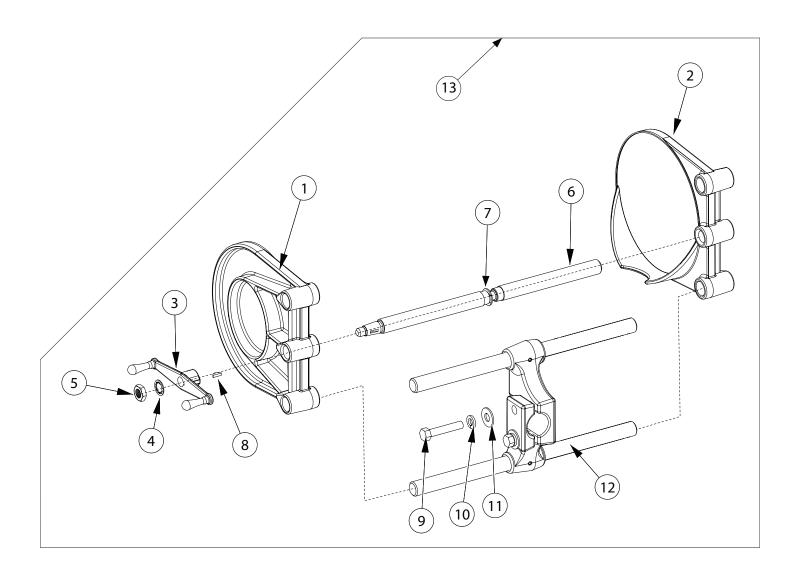
ID	Description
7	9780568 CONNECTOR, AIR, .25 MPT X .25 AIR
8	9785980 CLAMP_SPACER KIT - 14XX-A1
9	9785977 LUBRICATOR, AIR - 14XX-A1
10	9780732 ELBOW, HOSE, .25 MNPT X .25 BARB

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

Exploded Views, Continued..

...Exploded Views, Continued

8.5 Clamp Assembly, Left



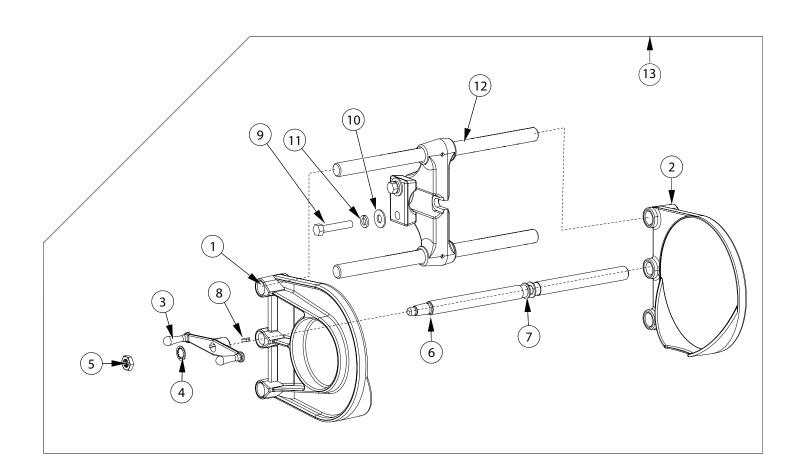
ID	Description
1	9784822 CLAMP JAW, LEFT FRONT - 54XX
2	9784821 CLAMP JAW, LEFT REAR - 54XX
3	9188100 HANDLE, CLAMP, 5400
4	9785071 WASHER, LOCK, INTERNAL TOOTH, M12
5	9785072 NUT, HEX JAM, M12X1.75
6	9784830 CLAMP SCREW - 14XX
7	9782216 Thrust Washer

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

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...Exploded Views, Continued

8.6 Clamp Assembly Right



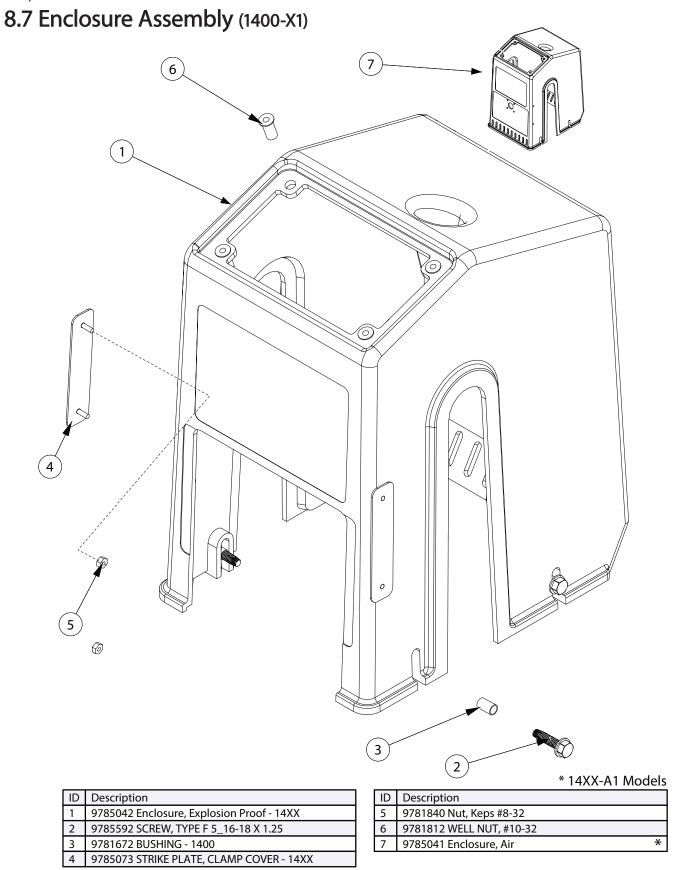
ID	Description
1	9784820 CLAMP JAW, RIGHT FRONT - 54XX
2	9784819 CLAMP JAW, RIGHT REAR - 54XX
3	9188100 HANDLE, CLAMP, 5400
4	9785071 WASHER, LOCK, INTERNAL TOOTH, M12
5	9785072 NUT, HEX JAM, M12X1.75
6	9784830 CLAMP SCREW - 14XX
7	9782216 Thrust Washer

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

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...Exploded Views, Continued



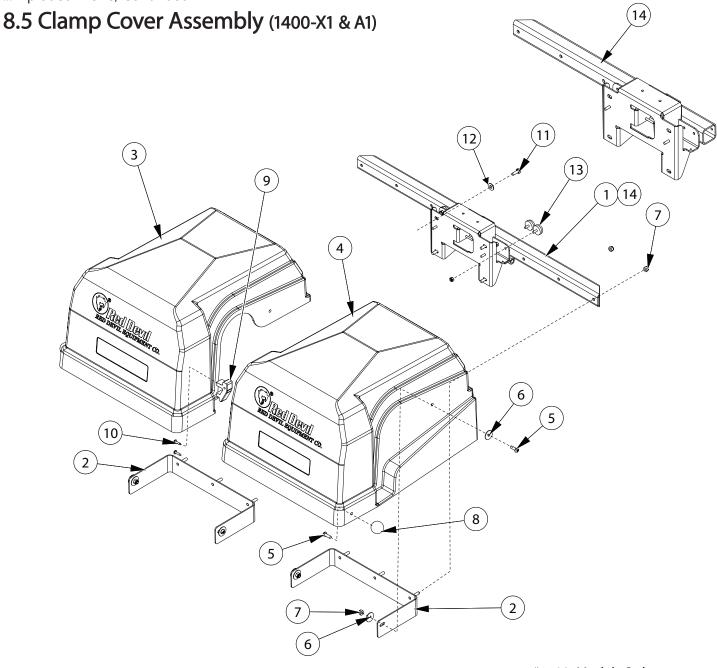
PART NUMBERS LISTED MAY ONLY BE AVAILABLE IN KIT FORM OR AS AN ASSEMBLY

Exploded Views, Continued..

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...Exploded Views, Continued



*1400 Models Only

**1410 Models Only

ID	Description	
1	9785063 HINGE TUBE WELDMENT - 1400	
2	9785068 STUD PLATE, CLAMP COVER - 14XX	
3	9785002 CLAMP COVER, LEFT	*
4	9785003 CLAMP COVER, RIGHT	
5	9780827 Screw, Truss Head, 1_4-20 X 3_4	
6	9781414 Washer Fender 1_4	
7	9780343 Nut 1_4-20 Nylon Lock	Ī
8	9785066 HANDLE, RED BALL - 14XX	

ID	Description	
9	9785067 TENSION BLOCK, CLAMP COVER - 14XX	
10	9785059 Screw, Truss Hd Sheet Metal #8 X .75	
11	9784555 SCREW, HEX SEMS 1_4-20 X .75	
12	9781823 Washer, Flat 1_4 USS	
13	9784048 Bumper, Threaded Rubber	
14	9785074 HINGE TUBE WELDMENT - 1410	**

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

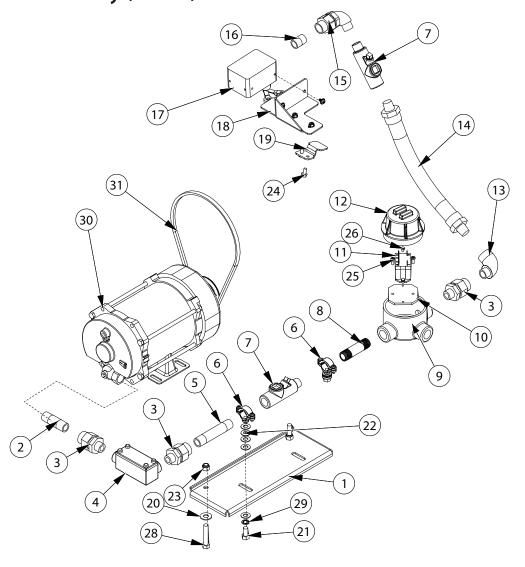
Exploded Views, Continued..

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...Exploded Views, Continued

8.9 Electrical Assembly (1400-X1)



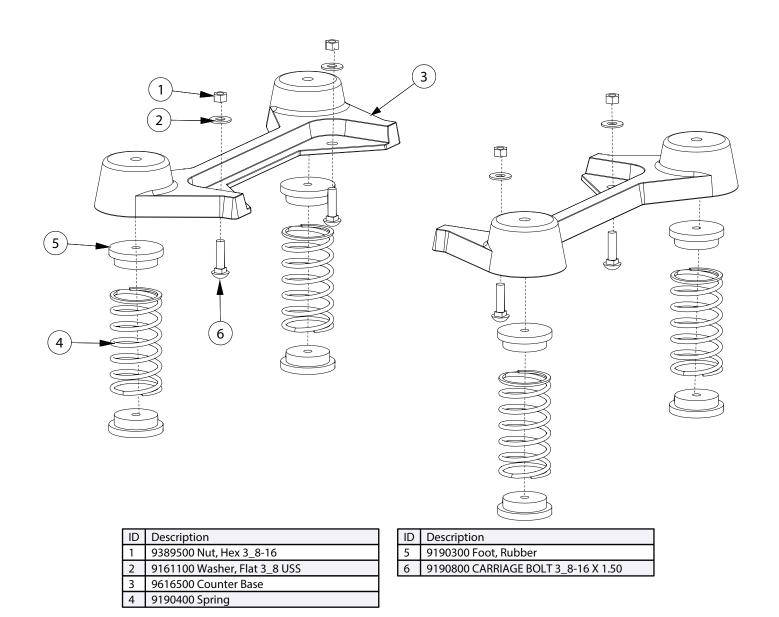
ID	Description
1	9785160 MOUNT, CONDUIT CLAMP - 1400-X1
2	9784069 NIPPLE, 1_2 NPT X 2.50
3	9782429 union, .5 npt
4	9785153 CONDUIT BODY, L50 NPT
5	9784985 NIPPLE, 1_2 NPT X 4.00
6	9785168 CLAMP, PIPE50 NPT
7	9784989 fitting, sealing, .50npt
8	9785154 NIPPLE, .50NPT X 3.00
9	9785155 CONDUIT BOX, T50 NPT
10	9784618 BRACKET RELAY MOUNT
11	5784622 RELAY CUBE 2-POLE 120V
12	9784617 COVER, DEEP, CODUIT BOX
13	9784702 ELBOW, 90⊠, .5NPT, M-F
14	9785156 CONDUIT, FLEXIBLE50 NPT, 10 LONG, M-M
15	0794650 ELRUM OUMTINIUM CUNDT WE

ID	Description
17	5784065-Switch, Limit Explosion Proof - 20A Rating
18	9785157 MOUNT, LIMIT SWITCH - 1400-X1
19	9785158 ACTUATOR, LIMIT SWITCH - 1400-X1
20	9161100 Washer, Flat 3_8 USS
21	9780144 Screw Hex 3_8-16 x .75
22	9100731 WASHER, FLAT 3_8 X .82 OD
23	9780193 Nut, Nylock 3_8-16
24	9780366 SCREW HEX THD CUT 1_4-20 X .50
25	9781142 Screw, Pan-Head, 10-32 X .50
26	9781824 Screw Hex #8 X 1_4
28	9780617 SCREW HEX 3_8-16 X 2.00
29	9163000 WASHER, LOCK, INT TOOTH, ⊠.375
30	5784615 MOTOR .3HP EXP PROOF
31	9160500 belt, v

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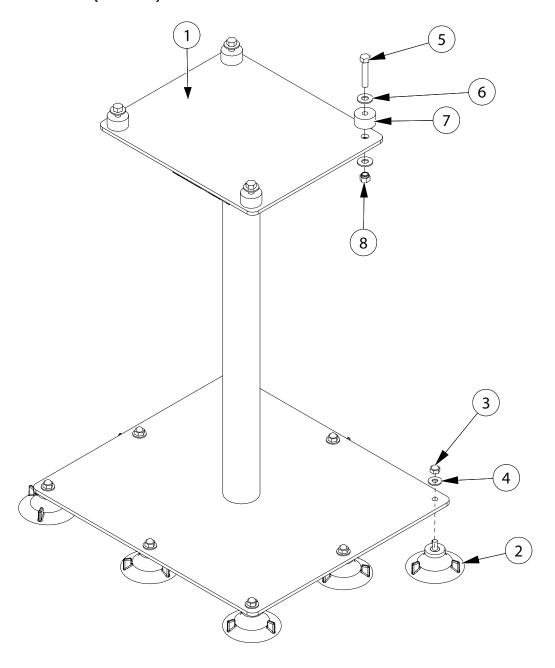
...Exploded Views, Continued

8.10 Counter Base (5153-00)



...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

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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

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10. Warranty

Equipment Covered Under This Warranty

Models 1400 and 1410-A1, 1400-X1

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.



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11. Notes				



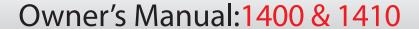
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For sales or service, please contact

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

www.radiaproducts.com

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



