

### VESTIL MANUFACTURING CORP.

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# AIR-800-D INSTRUCTION MANUAL



### Receiving instructions:

After delivery, IMMEDIATELY remove the packaging from the product in a manner that preserves the packaging and maintains the orientation of the product in the packaging; then inspect the product closely to determine whether it sustained damage during transport. If damage is discovered during the inspection, immediately record a complete description of the damage on the bill of lading. If the product is undamaged, discard the packaging.

#### NOTES:

- 1) Compliance with laws, regulations, codes, and non-voluntary standards enforced in the location where the product is *used* is exclusively the responsibility of the owner/end-user.
- 2) VESTIL is **not liable** for any injury or property damage that occurs as a consequence of failing to apply either: a) the instructions in this manual; or b) information provided on labels affixed to the product. Neither is Vestil responsible for *any* consequential damages sustained as a result of failing to exercise sound judgment while assembling, installing, using or maintaining this product.

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### HAZARD IDENTIFICATION: explanation of signal words

This manual uses SIGNAL WORDS to indicate the likelihood of personal injuries, as well as the probable seriousness of those injuries, if the product is misused in the ways described. Other signal words call attention to uses of the product likely cause property damage.

The signal words used appear below along with the meaning of each word:

**A** DANGER

Identifies a hazardous situation which, if not avoided, <u>WILL</u> result in DEATH or SERIOUS INJURY. Use of this signal word is limited to the most extreme situations.

**AWARNING** 

Identifies a hazardous situation which, if not avoided, COULD result in DEATH or SERIOUS INJURY.

**ACAUTION** 

Indicates a hazardous situation which, if not avoided, COULD result in MINOR or MODERATE injury.



Identifies practices likely to result in product/property damage, such as operation that might damage the product.

Each person who assembles, installs, uses, or maintains this product should read the entire manual and fully understand the directions in advance. If after reading the manual you do not understand an instruction, ask your supervisor or employer for clarification, because failure to adhere to the directions in this manual might result in serious personal injury.

#### SAFETY GUIDELINES

Vestil diligently strives to identify foreseeable hazards associated with the use of its products. However, material handling is inherently dangerous and no manual can address every conceivable risk. The end-user ultimately is responsible for exercising sound judgment at all times.

**CADANGER** Electrocution might result if any part of the product contacts electrified wires. Reduce the likelihood of electrocution by applying **common sense**:

- DO NOT contact electrified wires with any part of this device, your body, or clothing.
- > DO NOT use or store the product where contact with electrified wires is likely.
- > Always inspect the usage area before using the product & implement precautions that account for conditions.

**AWARNING** If this product is used improperly or carelessly, the operator and/or bystanders might sustain serious personal injuries or even be killed. To reduce the likelihood of injury:

- Failure to read and understand the entire manual before assembling, installing, using or servicing the product is a misuse of the product.
- Read the manual to refresh your understanding of proper use and maintenance procedures.
- DO NOT attempt to resolve any problem(s) with the product unless you are both authorized to do so and *certain* that it will be safe to use afterwards.
- DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unauthorized modifications automatically void the Limited Warranty and might make the product unsafe to use.
- DO NOT exceed the maximum rated load (see Label 287 on product).
- Inspect the product before each use.
  - A. DO NOT use this product if the inspection reveals structural damage. Examples of structural damage include, but are not limited to, the following: 1) Cracked, broken or significantly deformed load-bearing members; 2) cracked welds; 3) missing or deformed safety chain/strap; 3) corrosion, severe wear, or other condition that affects the ability of the product to support weight or itself. Replace each part that fails to pass an inspection, and DO NOT use the product until it is fully restored to normal condition.
  - B. DO NOT use the product if any unusual noise or movement is observed. If a malfunction occurs, remove the unit from service and notify your supervisor & maintenance personnel about the issue.
- DO NOT use this device UNLESS all product labels (see "Label Placement Diagram") are readable and undamaged.

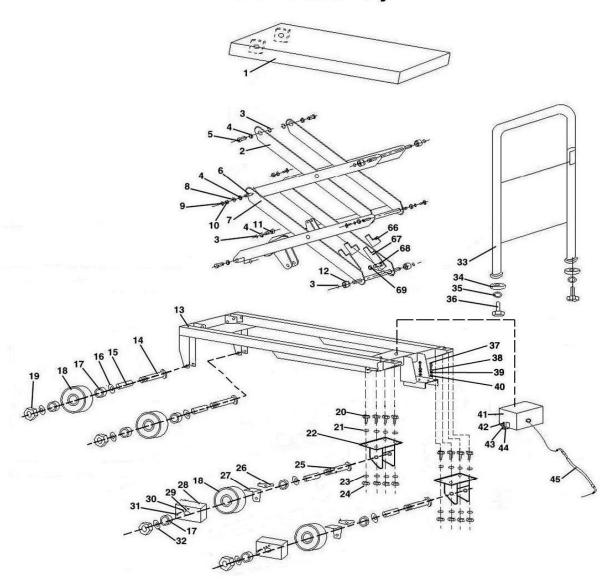
NOTICE Proper use, maintenance, and storage are essential for this product to function properly.

- o Always use this product in accordance with the instructions in this manual and consistent with any training relevant to machines, devices, etc. used in conjunction with this product.
- Keep the product clean & dry. Lubricate moving parts.
- o FOR HYDRAULIC UNITS: Do not use brake fluid or jack oils in the hydraulic system. If oil is needed, use an antiwear hydraulic oil with a viscosity grade of 150 SUS at 100°F, (ISO 32 cSt @ 40°C), or Dexron transmission fluid.
- Contact the manufacturer for MSDS information

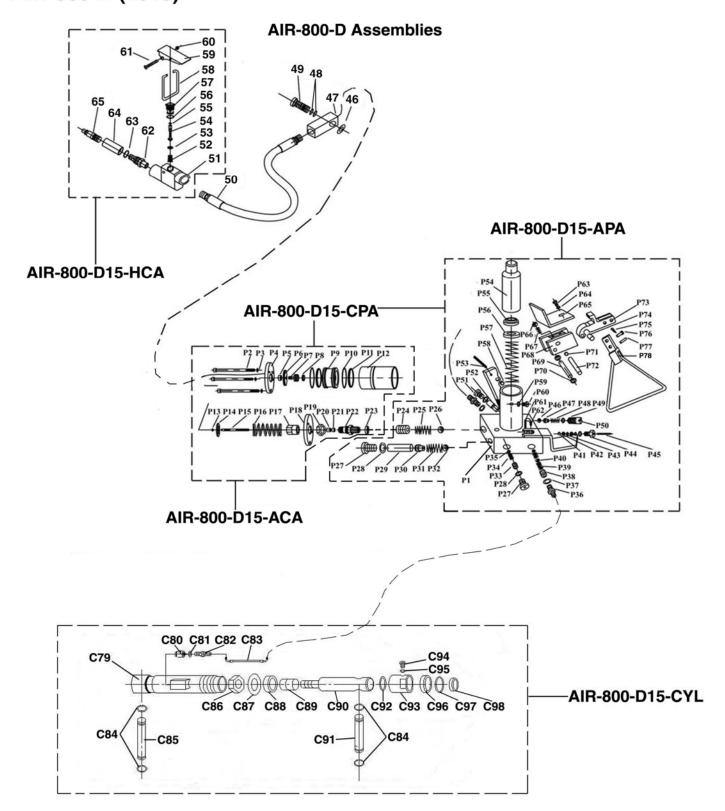
### **Exploded Parts Diagram and Bill of Materials**

# AIR-800-D (2015)

### **Main Assembly**



NOTE: AIR-800-D15-RC includes #18 only, AIR-800-D15-SC includes #15-19, #22, #25-32.



### **Complete Parts List**

Part No.	Description	Q'ty	Part No.	Description	Q'ty	Part No.	Description	Q'ty
AIR-800-D15-1	Deck	1	AIR-800-D15-62	Connect, Male Quick	1	AIR-800-D15-P53	Spring Pin	1
AIR-800-D15-2	Scissors	1	AIR-800-D15-63	O-Ring	1	AIR-800-D15-P54	Piston, Pump	1
AIR-800-D15-3	Ring, Retaining	8	AIR-800-D15-64	Housing, Female Connector		AIR-800-D15-P55	Seal	1
AIR-800-D15-4	Bushing	4	AIR-800-D15-65	Connector, Female	1	AIR-800-D15-P56	Oil Seal	1
AIR-800-D15-5	Pin, Deck	2	AIR-800-D15-66	Cover, Rubber	2	AIR-800-D15-P57	Spring	1
AIR-800-D15-6	Shaft	2	AIR-800-D15-67	Stop, Maintainence	2	AIR-800-D15-P58	Bushing	1
AIR-800-D15-7	Scissors	1	AIR-800-D15-68	Washer, Flat	2	AIR-800-D15-P59	O-Ring	1
AIR-800-D15-8	Washer, Flat	4	AIR-800-D15-69	Nut, Hex	2	AIR-800-D15-P60	Bolt, Socket Head	1
AIR-800-D15-9	Washer, Lock	4				AIR-800-D15-P61	Pin, Spring	1
AIR-800-D15-10	Bolt, Hex Head	4	AIR-800-D15-P1	Body, Pump	1	AIR-800-D15-P62	Screw	1
AIR-800-D15-11	Shaft	2	AIR-800-D15-P2	Bolt, Socket Head	3	AIR-800-D15-P63	Screw	1
AIR-800-D15-12	Roller, Guide	4	AIR-800-D15-P3	Washer, Lock	3	AIR-800-D15-P64	Washer	1
AIR-800-D15-13	Frame	1	AIR-800-D15-P4	Plate, Top	1	AIR-800-D15-P65	Lever, Speed	1
AIR-800-D15-14	Bolt, Hex Head	2	AIR-800-D15-P5	Grommet	1	AIR-800-D15-P66	Ball, Steel	1
AIR-800-D15-15	Bushing	2	AIR-800-D15-P6	Cover, Threaded	1	AIR-800-D15-P67	Spring	1
AIR-800-D15-16	Cover, Dust	2	AIR-800-D15-P7	Plunger	1	AIR-800-D15-P68	Block	1
AIR-800-D15-17	Bearing, Ball	8	AIR-800-D15-P8	Oil Seal	1	AIR-800-D15-P69	Shaft	2
AIR-800-D15-18	Wheel	4	AIR-800-D15-P9	Piston, Plastic	1	AIR-800-D15-P70	Bushing	1
AIR-800-D15-19	Nut, Nylon Lock	4	AIR-800-D15-P10	O-Ring	2	AIR-800-D15-P71	Bushing	1
AIR-800-D15-20	Bolt, Hex Head	8	AIR-800-D15-P11	O-Ring	2	AIR-800-D15-P72	Shaft	1
AIR-800-D15-21	Washer, Flat	8	AIR-800-D15-P12	Housing, Cylinder	1	AIR-800-D15-P73	Seat, Press Wheel	1
AIR-800-D15-22	Frame, Swivel Wheel	2	AIR-800-D15-P13	Nut, Nylon Lock	1	AIR-800-D15-P74	Wheel, Press	1
AIR-800-D15-23	Washer, Lock	8	AIR-800-D15-P14	Seat, Spring	1	AIR-800-D15-P75	Pin	1
AIR-800-D15-24	Nut, Hex	8	AIR-800-D15-P15	Rod, Piston	1	AIR-800-D15-P76	Shaft	1
AIR-800-D15-25	Bolt, Hex Head	2	AIR-800-D15-P16	Spring	1	AIR-800-D15-P77	Shaft	1
AIR-800-D15-26	Pedal, Brake	2	AIR-800-D15-P17	Fitting, Threaded	1	AIR-800-D15-P78	Pedal, Foot	1
AIR-800-D15-27	Lever, Brake	2	AIR-800-D15-P18	Plate, Bottom	1		11	-
AIR-800-D15-28	Cover, Wheel	2	AIR-800-D15-P19 AIR-800-D15-P20	Washer, Rubber Coated	1	AIR-800-D15-C79	Housing, Cylinder	1
AIR-800-D15-29 AIR-800-D15-30	Washer, Flat Washer, Lock	2	AIR-800-D15-P20	Bushing Seal	1	AIR-800-D15-C80 AIR-800-D15-C81	Valve, Safe O-Ring	1
		2			1		Connector, Threaded	1
AIR-800-D15-31 AIR-800-D15-32	Screw, Phillips Head	2	AIR-800-D15-P22 AIR-800-D15-P23	Connector, Threaded O-Ring	1	AIR-800-D15-C82 AIR-800-D15-C83	Hose, Oil	1
AIR-800-D15-32	Bushing Handle	1	AIR-800-D15-P24	Screw, Jam	1	AIR-800-D15-C84	Ring, Retaining	4
AIR-800-D15-34	Washer, Big	2	AIR-800-D15-P25	Spring, Taper	1	AIR-800-D15-C85	Shaft	1
AIR-800-D15-35	Washer, Lock	2	AIR-800-D15-P26	Ball, Steel	1	AIR-800-D15-C86	Nut	1
AIR-800-D15-36	Bolt, Hex Head	2	AIR-800-D15-P27	Plug, Threaded	2	AIR-800-D15-C87	Washer	1
AIR-800-D15-37	Bolt, Socket Head	2	AIR-800-D15-P28	O-Ring	2	AIR-800-D15-C88	Oil Seal	1
AIR-800-D15-38	Washer, Flat	2	AIR-800-D15-P29	Shaft	1	AIR-800-D15-C89	Piston	1
AIR-800-D15-39	Washer, Lock	2	AIR-800-D15-P30	Seat, Spring	1	AIR-800-D15-C90	Lift Piston	1
AIR-800-D15-40	Nut, Hex	2	AIR-800-D15-P31	Spring	1	AIR-800-D15-C91	Shaft	1
AIR-800-D15-41	Reservoir, Oil	1	AIR-800-D15-P32	Ball, Steel	1	AIR-800-D15-C92	O-Ring	1
AIR-800-D15-42	Bolt, Hex Head	2	AIR-800-D15-P33	Screw, Jam	1	AIR-800-D15-C93	Nut, Gland	1
AIR-800-D15-43	Washer, Lock	2	AIR-800-D15-P34	Spring, Taper	1	AIR-800-D15-C94	Plug	1
AIR-800-D15-44	Nut, Hex	2	AIR-800-D15-P35	Ball, Steel	1	AIR-800-D15-C95	O-Ring	1
AIR-800-D15-45	Hose, Oil	1	AIR-800-D15-P36	Connector, Threaded	2	AIR-800-D15-C96	Oil Seal	1
AIR-800-D15-46	E-Clip	1	AIR-800-D15-P37	O-Ring	2	AIR-800-D15-C97	O-Ring	1
AIR-800-D15-47	Connector	1	AIR-800-D15-P38	Plug	1	AIR-800-D15-C98	Cover, Dust	1
AIR-800-D15-48	O-Ring	2	AIR-800-D15-P39	Spring	1			$\overline{}$
AIR-800-D15-49	Plug	1	AIR-800-D15-P40	Ball, Steel	1	AIR-800-D15-HCA	Assembly, Hand Control	1
AIR-800-D15-50	Hose, Air	1	AIR-800-D15-P41	C-Ring	1	AIR-800-D15-CYL	Assembly, Cylinder	1
AIR-800-D15-51	Body, Hand Control	1	AIR-800-D15-P42	O-Ring	2	AIR-800-D15-CYL-SK	Kit, Cylinder Seal	1
AIR-800-D15-52	Spring	1	AIR-800-D15-P43	O-Ring	1	AIR-800-D15-CPA	Assembly, Complete Pump	1
AIR-800-D15-53	Oil Seal	1	AIR-800-D15-P44	Plug	1	AIR-800-D15-CPA-SK	Kit, Complete Pump Seal	1
AIR-800-D15-54	Valve Core	1	AIR-800-D15-P45	Rod, Top	1	AIR-800-D15-APA	Assembly, Pump w/o Canister	1
AIR-800-D15-55	O-Ring	1	AIR-800-D15-P46	Ball, Steel	1	AIR-800-D15-ACA	Assembly, Canister	1
AIR-800-D15-56	O-Ring	1	AIR-800-D15-P47	Seat, Spring	1	AIR-800-D15-ACA-SK	Kit, Canister Seal	1
AIR-800-D15-57	Plug	1	AIR-800-D15-P48	Spring, Pressure	1	AIR-800-D15-RC	Assembly, Rigid Caster (includes #18 only)	1
AIR-800-D15-58	Prop	1	AIR-800-D15-P49	O-Ring	1	AIR-800-D15-SC	Assembly, Swivel Caster (includes #15-19, 22, 25-32)	1
AIR-800-D15-59	Lever	1	AIR-800-D15-P50	Spring, Pressure	1			
AIR-800-D15-60	Set Nut	1	AIR-800-D15-P51	Plug	1			
AIR-800-D15-61	Screw	1	AIR-800-D15-P52	Valve, Lowering	1			
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### **Main Assembly Parts List**

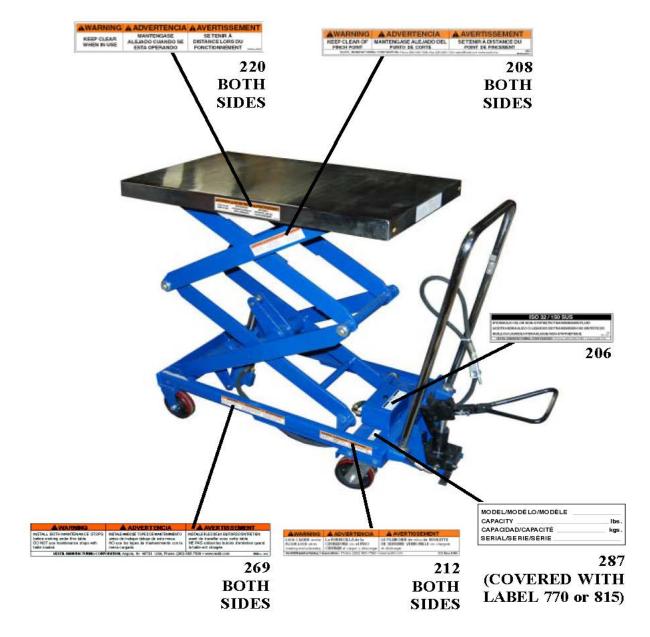
Part No.	Description	Q'ty	Part No.	Description	Q'ty
AIR-800-D15-1	Deck	1	AIR-800-D15-37	Bolt, Socket Head	2
AIR-800-D15-2	Scissors	1	AIR-800-D15-38	Washer, Flat	2
AIR-800-D15-3	Ring, Retaining	8	AIR-800-D15-39	Washer, Lock	2
AIR-800-D15-4	Bushing	4	AIR-800-D15-40	Nut, Hex	2
AIR-800-D15-5	Pin, Deck	2	AIR-800-D15-41	Reservoir, Oil	1
AIR-800-D15-6	Shaft	2	AIR-800-D15-42	Bolt, Hex Head	2
AIR-800-D15-7	Scissors	1	AIR-800-D15-43	Washer, Lock	2
AIR-800-D15-8	Washer, Flat	4	AIR-800-D15-44	Nut, Hex	2
AIR-800-D15-9	Washer, Lock	4	AIR-800-D15-45	Hose, Oil	- 1
AIR-800-D15-10	Bolt, Hex Head	4	AIR-800-D15-46	E-Clip	1
AIR-800-D15-11	Shaft	2	AIR-800-D15-47	Connector	1
AIR-800-D15-12	Roller, Guide	4	AIR-800-D15-48	O-Ring	2
AIR-800-D15-13	Frame	1	AIR-800-D15-49	Plug	1
AIR-800-D15-14	Bolt, Hex Head	2	AIR-800-D15-50	Hose, Air	1
AIR-800-D15-15	Bushing	2	AIR-800-D15-51	Body, Hand Control	1
AIR-800-D15-16	Cover, Dust	2	AIR-800-D15-52	Spring	1
AIR-800-D15-17	Bearing, Ball	8	AIR-800-D15-53	Oil Seal	1
AIR-800-D15-18	Wheel	4	AIR-800-D15-54	Valve Core	1
AIR-800-D15-19	Nut, Nylon Lock	4	AIR-800-D15-55	O-Ring	1
AIR-800-D15-20	Bolt, Hex Head	8	AIR-800-D15-56	O-Ring	1
AIR-800-D15-21	Washer, Flat	8	AIR-800-D15-57	Plug	1
AIR-800-D15-22	Frame, Swivel Wheel	2	AIR-800-D15-58	Prop	1
AIR-800-D15-23	Washer, Lock	8	AIR-800-D15-59	Lever	1
AIR-800-D15-24	Nut, Hex	8	AIR-800-D15-60	Set Nut	1
AIR-800-D15-25	Bolt, Hex Head	2	AIR-800-D15-61	Screw	1
AIR-800-D15-26	Pedal, Brake	2	AIR-800-D15-62	Connect, Male Quick	1
AIR-800-D15-27	Lever, Brake	2	AIR-800-D15-63	O-Ring	1
AIR-800-D15-28	Cover, Wheel	2	AIR-800-D15-64	Housing, Female Connector	- 1
AIR-800-D15-29	Washer, Flat	2	AIR-800-D15-65	Connector, Female	1
AIR-800-D15-30	Washer, Lock	2	AIR-800-D15-66	Cover, Rubber	2
AIR-800-D15-31	Screw, Phillips Head Machine	2	AIR-800-D15-67	Stop, Maintainence	2
AIR-800-D15-32	Bushing	2	AIR-800-D15-68	Washer, Flat	2
AIR-800-D15-33	Handle	1	AIR-800-D15-69	Nut, Hex	2
AIR-800-D15-34	Washer, Big	2		7 70 0	
AIR-800-D15-35	Washer, Lock	2	AIR-800-D15-RC	Assembly, Rigid Caster (includes #18 only)	1
AIR-800-D15-36	Bolt, Hex Head	2	AIR-800-D15-SC	Assembly, Swivel Caster (includes #15-19, 22, 25-32)	1

# Pump (P), Cylinder (C), & Assemblies Parts List

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Part No.	Description	Q'ty	Part No.	Description	Q'ty
AIR-800-D15-P1	Body, Pump	1	AIR-800-D15-P56	Oil Seal	1
AIR-800-D15-P2	Bolt, Socket Head	3	AIR-800-D15-P57	Spring	1
AIR-800-D15-P3	Washer, Lock	3	AIR-800-D15-P58	Bushing	1
AIR-800-D15-P4	Plate, Top	1	AIR-800-D15-P59	O-Ring	1
AIR-800-D15-P5	Grommet	1	AIR-800-D15-P60	Bolt, Socket Head	1
AIR-800-D15-P6	Cover, Threaded	1	AIR-800-D15-P61	Pin, Spring	1
AIR-800-D15-P7	Plunger	1	AIR-800-D15-P62	Screw	1
AIR-800-D15-P8	Oil Seal	1	AIR-800-D15-P63	Screw	1
AIR-800-D15-P9	Piston, Plastic	1	AIR-800-D15-P64	Washer	1
AIR-800-D15-P10	O-Ring	2	AIR-800-D15-P65	Lever, Speed	1
AIR-800-D15-P11	O-Ring	2	AIR-800-D15-P66	Ball, Steel	1
AIR-800-D15-P12	Housing, Cylinder	1	AIR-800-D15-P67	Spring	1
AIR-800-D15-P13	Nut, Nylon Lock	1	AIR-800-D15-P68	Block	1
AIR-800-D15-P14	Seat, Spring	1	AIR-800-D15-P69	Shaft	2
AIR-800-D15-P15	Rod, Piston	1	AIR-800-D15-P70	Bushing	1
AIR-800-D15-P16	Spring	1	AIR-800-D15-P71	Bushing	1
AIR-800-D15-P17	Fitting, Threaded	1	AIR-800-D15-P72	Shaft	1
AIR-800-D15-P18	Plate, Bottom	1	AIR-800-D15-P73	Seat, Press Wheel	1
AIR-800-D15-P19	Washer, Rubber Coated	1	AIR-800-D15-P74	Wheel, Press	1
AIR-800-D15-P20	Bushing	1	AIR-800-D15-P75	Pin	1
AIR-800-D15-P21	Seal	1	AIR-800-D15-P76	Shaft	1
AIR-800-D15-P22	Connector, Threaded	1	AIR-800-D15-P77	Shaft	1
AIR-800-D15-P23	O-Ring	1	AIR-800-D15-P78	Pedal, Foot	1
AIR-800-D15-P24	Screw, Jam	1	AIN-800-515-178	redal, root	+-
AIR-800-D15-P25	Spring, Taper	1	AIR-800-D15-C79	Housing, Cylinder	1
AIR-800-D15-P26	Ball, Steel	1	AIR-800-D15-C80	Valve, Safe	1
AIR-800-D15-P27	Plug, Threaded	2	AIR-800-D15-C81	O-Ring	1
AIR-800-D15-P28	O-Ring	2	AIR-800-D15-C82	Connector, Threaded	1
AIR-800-D15-P29	Shaft	1	AIR-800-D15-C83	Hose, Oil	1
AIR-800-D15-P30	Seat, Spring	1	AIR-800-D15-C84	Ring, Retaining	4
AIR-800-D15-P31	Spring	1	AIR-800-D15-C85	Shaft	1
AIR-800-D15-P32	Ball, Steel	1	AIR-800-D15-C86	Nut	1
AIR-800-D15-P33	Screw, Jam	1	AIR-800-D15-C87	Washer	1
AIR-800-D15-P34		1	AIR-800-D15-C88	Oil Seal	1
	Spring, Taper	1		Piston	1
AIR-800-D15-P35	Ball, Steel		AIR-800-D15-C89	Lift Piston	1
AIR-800-D15-P36	Connector, Threaded	2	AIR-800-D15-C90	Shaft	1
AIR-800-D15-P37	O-Ring		AIR-800-D15-C91		
AIR-800-D15-P38	Plug	1	AIR-800-D15-C92	O-Ring	1 1
AIR-800-D15-P39	Spring	1	AIR-800-D15-C93	Nut, Gland	_
AIR-800-D15-P40	Ball, Steel	1	AIR-800-D15-C94	Plug	1
AIR-800-D15-P41	C-Ring	1	AIR-800-D15-C95	O-Ring	1
AIR-800-D15-P42	O-Ring	2	AIR-800-D15-C96	Oil Seal	1
AIR-800-D15-P43	O-Ring	1	AIR-800-D15-C97	O-Ring	1
AIR-800-D15-P44	Plug	1	AIR-800-D15-C98	Cover, Dust	1
AIR-800-D15-P45	Rod, Top	1	410 000 545 1157	Assembly 12 12 11	+ -
AIR-800-D15-P46	Ball, Steel	1	AIR-800-D15-HCA	Assembly, Hand Control	1
AIR-800-D15-P47	Seat, Spring	1	AIR-800-D15-CYL	Assembly, Cylinder	1
AIR-800-D15-P48	Spring, Pressure	1	AIR-800-D15-CYL-SK	Kit, Cylinder Seal	1
AIR-800-D15-P49	O-Ring	1	AIR-800-D15-CPA	Assembly, Complete Pump	1
AIR-800-D15-P50	Spring, Pressure	1	AIR-800-D15-CPA-SK	Kit, Complete Pump Seal	1
AIR-800-D15-P51	Plug	1	AIR-800-D15-APA	Assembly, Pump w/o Canister	1
AIR-800-D15-P52	Valve, Lowering	1	AIR-800-D15-ACA	Assembly, Canister	1
AIR-800-D15-P53	Spring Pin	1	AIR-800-D15-ACA-SK	Kit, Canister Seal	1
AIR-800-D15-P54	Piston, Pump	1			
AIR-800-D15-P55	Seal	1			

### **Label Placement Diagram**

# AIR\_CART



# AIR HYDRAULIC CART

File Name: AIR\_CART, Label Page, 0311

3-8-2011

### LIMITED WARRANTY

Vestil Manufacturing Corporation ("Vestil") warrants this product to be free of defects in material and workmanship during the warranty period. Our warranty obligation is to provide a replacement for a defective original part if the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service.

### Who may request service?

Only a warrantee may request service. You are a warrantee if you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

### What is an "original part"?

An original part is a part *used to make the product as shipped* to the warrantee.

#### What is a "proper request"?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the <u>Customer Invoice</u> that displays the shipping date; AND 2) a <u>written request</u> for warranty service including your name and phone number. Send requests by any of the following methods:

MailFaxEmailVestil Manufacturing Corporation(260) 665-1339sales@vestil.com2999 North Wayne Street, PO Box 507PhoneAngola, IN 46703(260) 665-7586

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

#### What is covered under the warranty?

After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following *original* dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in *original* parts that wear under normal usage conditions ("wearing parts"): bearings, hoses, wheels, seals, brushes, batteries, and the battery charger.

#### How long is the warranty period?

The warranty period for original components is <u>90 days</u>. The warranty period begins on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the period begins when the distributor ships the product. Vestil may extend the warranty period for products shipped from authorized distributors by *up to* 30 days to account for shipping time.

### If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

#### What is not covered by the warranty?

- 1. Labor;
- 2. Freight;
- 3. Occurrence of any of the following, which automatically voids the warranty:
  - Product misuse;
  - Negligent operation or repair;
  - Corrosion or use in corrosive environments;
  - Inadequate or improper maintenance;
  - · Damage sustained during shipping;
  - Collisions or other incidental contacts causing damage to the product;
- <u>Unauthorized modifications</u>: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.

#### Do any other warranties apply to the product?

Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty.

