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LAD-RF Series Collapsible Mobile Ladder Stands
Instruction Manual

Receiving instructions:
After delivery, IMMEDIATELY remove the packaging from the crane 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) Instructions in this manual; or
b) Information provided on product labels.
Neither is Vestil responsible for *any* consequential damages sustained as a result of failing to exercise sound judgment while assembling, using, or maintaining this product.

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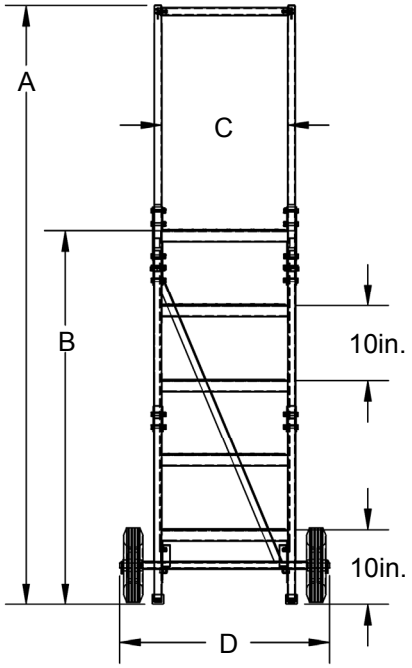
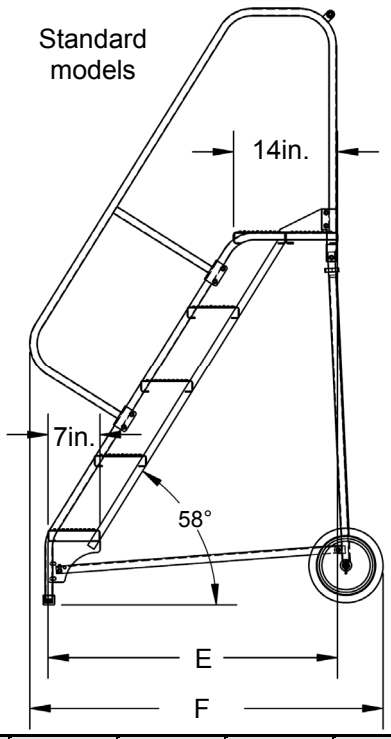
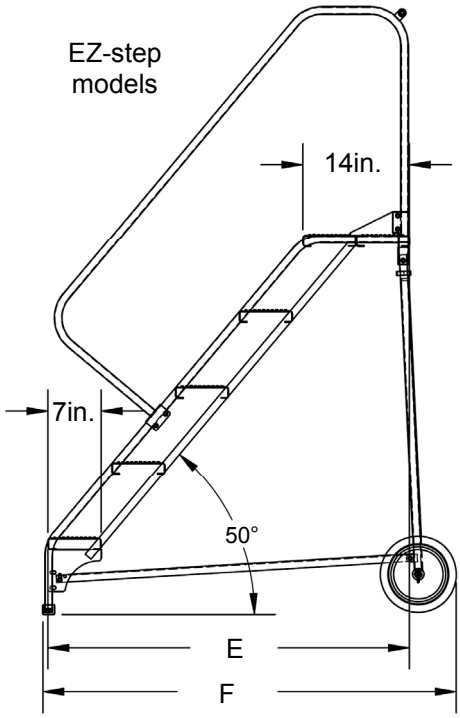
Product Specifications by Model:

Dimensions and other relevant specifications for each FHS-series crane appear in the table below.







Model	Number of steps	A: Overall height	B: Platform height	C: Usable width	D: Overall width	E: Usable length	F: Overall length	Step slope	Capacity	Net Weight
LAD-RF-4-P	4	70 in.	40 in.	$16^{13}/_{16}$ in.	28 in.	$32^{3}/_{4}$ in.	$41^{1}/_{2}$ in.	58°	350 lb.	89 lb.
LAD-RF-5-P	5	80 in.	50 in.	$16^{13}/_{16}$ in.	28 in.	39 in.	$47^{5}/_{8}$ in.	58°	350 lb.	105.4 lb.
LAD-RF-6-P	6	90 in.	60 in.	$16^{13}/_{16}$ in.	28 in.	$45^{1}/_{4}$ in.	$52^{3}/_{4}$ in.	58°	350 lb.	119 lb.
LAD-RF-7-P	7	100 in.	70 in.	$16^{13}/_{16}$ in.	28 in.	$51^{1}/_{2}$ in.	$60^{1}/_{8}$ in.	58°	350 lb.	132.4 lb.
LAD-RF-8-24-P	8	110 in.	80 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$57^{3}/_{4}$ in.	$66^{3}/_{8}$ in.	58°	350 lb.	172.1 lb.
LAD-RF-9-24-P	9	120 in.	90 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$63^{13}/_{16}$ in.	$72^{9}/_{16}$ in.	58°	350 lb.	188.1 lb.
LAD-RF-10-24-P	10	130 in.	100 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$70^{1}/_{16}$ in.	$78^{7}/_{8}$ in.	58°	350 lb.	204 lb.
LAD-RF-11-24-P	11	140 in.	110 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$76^{5}/_{16}$ in.	$85^{1}/_{8}$ in.	58°	350 lb.	224 lb.
LAD-RF-12-24-P	12	156 in.	120 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$82^{9}/_{16}$ in.	91 in.	58°	350 lb.	247.2 lb.
LAD-RF-4-G	4	70 in.	40 in.	$16^{13}/_{16}$ in.	28 in.	$32^{3}/_{4}$ in.	$41^{1}/_{2}$ in.	58°	350 lb.	90 lb.
LAD-RF-5-G	5	80 in.	50 in.	$16^{13}/_{16}$ in.	28 in.	39 in.	$47^{5}/_{8}$ in.	58°	350 lb.	106.4 lb.
LAD-RF-6-G	6	90 in.	60 in.	$16^{13}/_{16}$ in.	28 in.	$45^{1}/_{4}$ in.	$52^{3}/_{4}$ in.	58°	350 lb.	120.2 lb.
LAD-RF-7-G	7	100 in.	70 in.	$16^{13}/_{16}$ in.	28 in.	$51^{1}/_{2}$ in.	$60^{1}/_{8}$ in.	58°	350 lb.	133.8 lb.
LAD-RF-8-24-G	8	110 in.	80 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$57^{3}/_{4}$ in.	$66^{3}/_{8}$ in.	58°	350 lb.	174.3 lb.
LAD-RF-9-24-G	9	120 in.	90 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$63^{13}/_{16}$ in.	$72^{9}/_{16}$ in.	58°	350 lb.	190.5 lb.
LAD-RF-10-24-G	10	130 in.	100 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$70^{1}/_{16}$ in.	$78^{7}/_{8}$ in.	58°	350 lb.	206.7 lb.
LAD-RF-11-24-G	11	140 in.	110 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$76^{5}/_{16}$ in.	$85^{1}/_{8}$ in.	58°	350 lb.	226.7lb.
LAD-RF-12-24-G	12	156 in.	120 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$82^{9}/_{16}$ in.	91 in.	58°	350 lb.	250.4
LAD-RF-4-P-EZ	4	70 in.	40 in.	$16^{13}/_{16}$ in.	28 in.	$39^{1}/_{8}$ in.	$45^{13}/_{16}$ in.	50°	350 lb.	91 lb.
LAD-RF-5-P-EZ	5	80 in.	50 in.	$16^{13}/_{16}$ in.	28 in.	$47^{1}/_{2}$ in.	$54^{5}/_{16}$ in.	50°	350 lb.	105.3 lb.
LAD-RF-6-P-EZ	6	90 in.	60 in.	$16^{13}/_{16}$ in.	28 in.	$55^{7}/_{8}$ in.	$64^{5}/_{8}$ in.	50°	350 lb.	123.2 lb.
LAD-RF-7-P-EZ	7	100 in.	70 in.	$16^{13}/_{16}$ in.	28 in.	$64^{1}/_{4}$ in.	$70^{13}/_{16}$ in.	50°	350 lb.	137.1 lb.
LAD-RF-8-24-P-EZ	8	110 in.	80 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$72^{5}/_{8}$ in.	77 in.	50°	350 lb.	174.6 lb.
LAD-RF-9-24-P-EZ	9	120 in.	90 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	81 in.	$89^{5}/_{8}$ in.	50°	350 lb.	195.2 lb.
LAD-RF-10-24-P-EZ	10	130 in.	100 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$89^{7}/_{16}$ in.	$95^{13}/_{16}$ in.	50°	350 lb.	211.7 lb.
LAD-RF-11-24-P-EZ	11	140 in.	110 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$97^{13}/_{16}$ in.	$102^{3}/_{4}$ in.	50°	350 lb.	232 lb.
LAD-RF-12-24-P-EZ	12	156 in.	120 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$106^{3}/_{16}$ in.	$113^{5}/_{16}$ in.	50°	350 lb.	256.6 lb.
LAD-RF-4-G-EZ	4	70 in.	40 in.	$16^{13}/_{16}$ in.	28 in.	$39^{1}/_{8}$ in.	$45^{13}/_{16}$ in.	50°	350 lb.	91.9 lb.
LAD-RF-5-G-EZ	5	80 in.	50 in.	$16^{13}/_{16}$ in.	28 in.	$47^{1}/_{2}$ in.	$54^{5}/_{16}$ in.	50°	350 lb.	106.4 lb.
LAD-RF-6-G-EZ	6	90 in.	60 in.	$16^{13}/_{16}$ in.	28 in.	$55^{7}/_{8}$ in.	$64^{5}/_{8}$ in.	50°	350 lb.	124.4 lb.
LAD-RF-7-G-EZ	7	100 in.	70 in.	$16^{13}/_{16}$ in.	28 in.	$60^{1}/_{4}$ in.	$70^{13}/_{16}$ in.	50°	350 lb.	138.5 lb.
LAD-RF-8-24-G-EZ	8	110 in.	80 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$72^{5}/_{8}$ in.	77 in.	50°	350 lb.	176.8 lb.
LAD-RF-9-24-G-EZ	9	120 in.	90 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	81 in.	$89^{5}/_{8}$ in.	50°	350 lb.	197.7 lb.
LAD-RF-10-24-G-EZ	10	130 in.	100 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$89^{7}/_{16}$ in.	$95^{13}/_{16}$ in.	50°	350 lb.	214.4 lb.
LAD-RF-11-24-G-EZ	11	140 in.	110 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$97^{13}/_{16}$ in.	$102^{3}/_{4}$ in.	50°	350 lb.	235 lb.
LAD-RF-12-24-G-EZ	12	156 in.	120 in.	$23^{9}/_{16}$ in.	$34^{1}/_{4}$ in.	$106^{3}/_{16}$ in.	$113^{5}/_{16}$ in.	50°	350 lb.	259.8 lb.

Hazard Identification:

This manual classifies personal injury risks and situations that could lead to property damage with SIGNAL WORDS. These signal words announce an associated safety message. The reader must understand that the signal word chosen indicates the seriousness of the described hazard.

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

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

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

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

Safety Recommendations

Vestil strives to identify foreseeable hazards associated with the use of its products but no manual can address every possible risk. Read all of the instructions prior to using the ladder to familiarize yourself with proper assembly, use and maintenance practices.

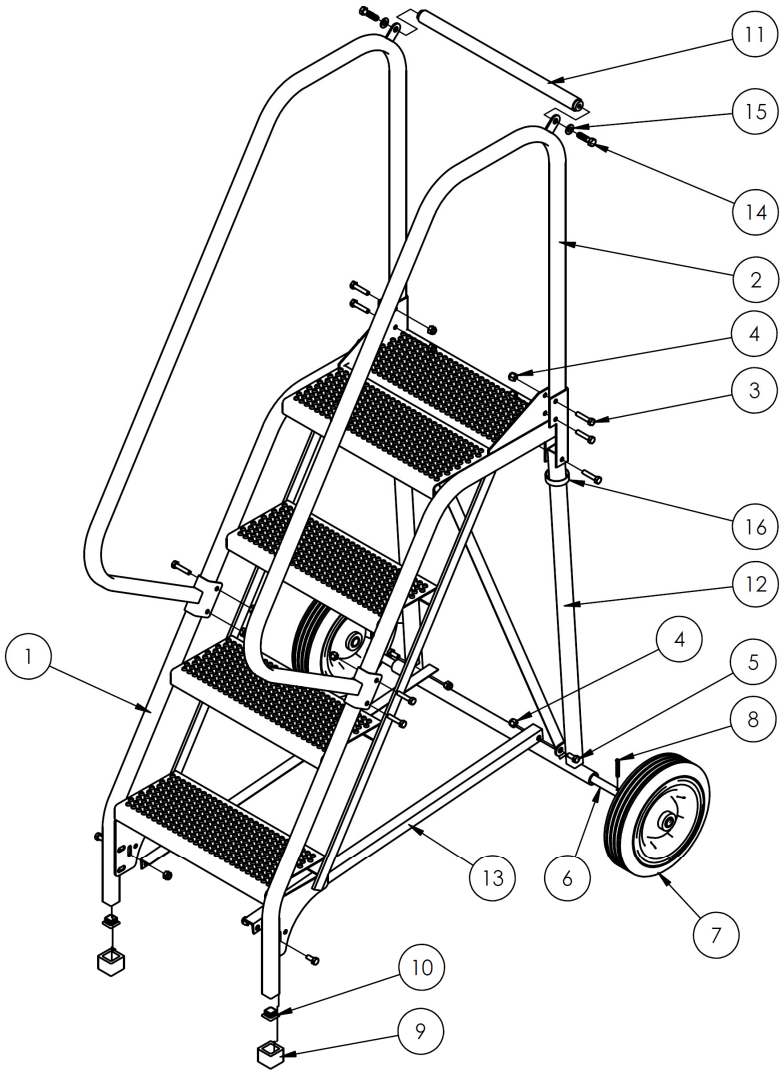
WARNING If this product is used improperly or carelessly, the user and/or bystanders might sustain serious personal injuries or could even be killed. ALWAYS use the product properly:

- ***Failure to read and understand the entire manual before assembling, using or servicing the product is a misuse of the product.***
- DO NOT exceed the rated load of the ladder. The total weight applied to the ladder (weight of the user plus tools, etc.) must not be greater than the rated load.
- DO NOT use the ladder on uneven or unstable surfaces. The surface must be able to support the ladder and a full rated load. ONLY use the ladder on level, even surfaces
- Make sure that you will not contact overhead objects with either your body or with the ladder during use.
- Always unload the ladder before leaving it unattended.
- Remove foreign matter, like mud or grease, from your shoes before walking on the ladder.
- ALWAYS use the handrails while ascending and descending the ladder.
- DO NOT increase the height of the platform or of a step by standing on other objects placed on the ladder.
- Inspect the ladder as described in “Inspections & Maintenance” on p. 17. DO NOT use the ladder if the inspection reveals damage until it is fully restored to normal condition. ONLY use manufacturer-approved replacement parts if repairs are necessary.
- DO NOT use the ladder if any unusual noise or movement is observed while weight is applied to it. Remove the unit from service. DO NOT use the ladder again until it is restored to normal operating condition.
- DO NOT use the ladder if the square caps on the front legs (see exploded parts diagrams on p. 9-16) are significantly worn. Caps should prevent the ladder from sliding. If either or both caps are too worn to function properly, replace them before using the ladder again.
- ONLY use the ladder to access objects that you cannot otherwise reach. DO NOT use the ladder for any other purpose. For example, DO NOT use the ladder as a storage rack or as a way to move people or material. Always unload the ladder before leaving it unattended.
- DO NOT lean or reach over the sides of the ladder. Reposition the ladder if necessary.
- DO NOT attempt to move the ladder while someone is using it.
- DO NOT use the ladder to transport people or objects.
- DO NOT remove or obscure any label. Each label must be readable, undamaged, and present in the appropriate location (see “Label placement diagram” on p. 17).
- DO NOT modify this ladder! Unauthorized modifications automatically void the limited warranty (see p. 18) and might make the ladder unsafe to use.

NOTICE This product must be properly maintained to function properly. (See “Inspections & Maintenance” on p. 17.)

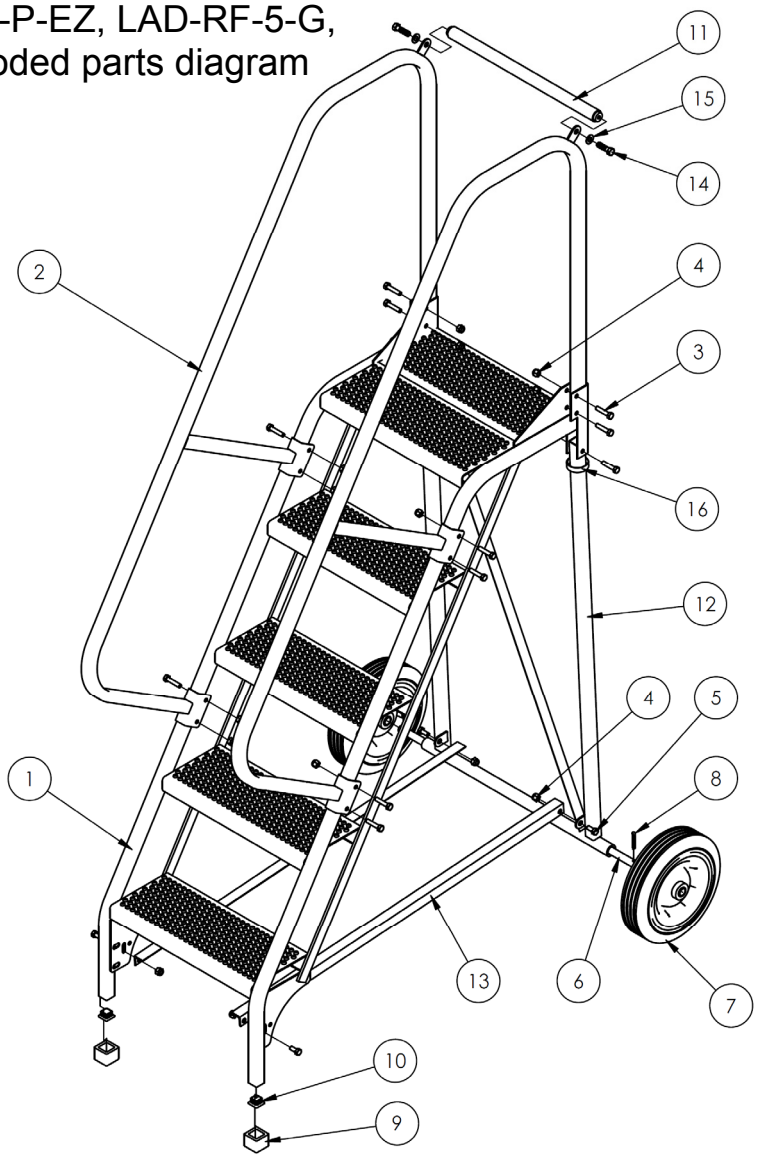
- Keep the ladder clean & dry.
- Periodically check the ladder frame. The ladder should be solid, square, and free of rust and corrosion.
- Lubricate the wheel axle as necessary for the wheels to rotate freely (see Step 3 on p 15).
- The ladder stand is designed for both indoor and outdoor use. However, it should be sheltered from the weather when not in use.

FIG. 1: LAD-RF-4-P, LAD-RF-4-P-EZ, LAD-RF-4-G, & LAD-RF-4-G-EZ exploded parts diagram and bill of materials



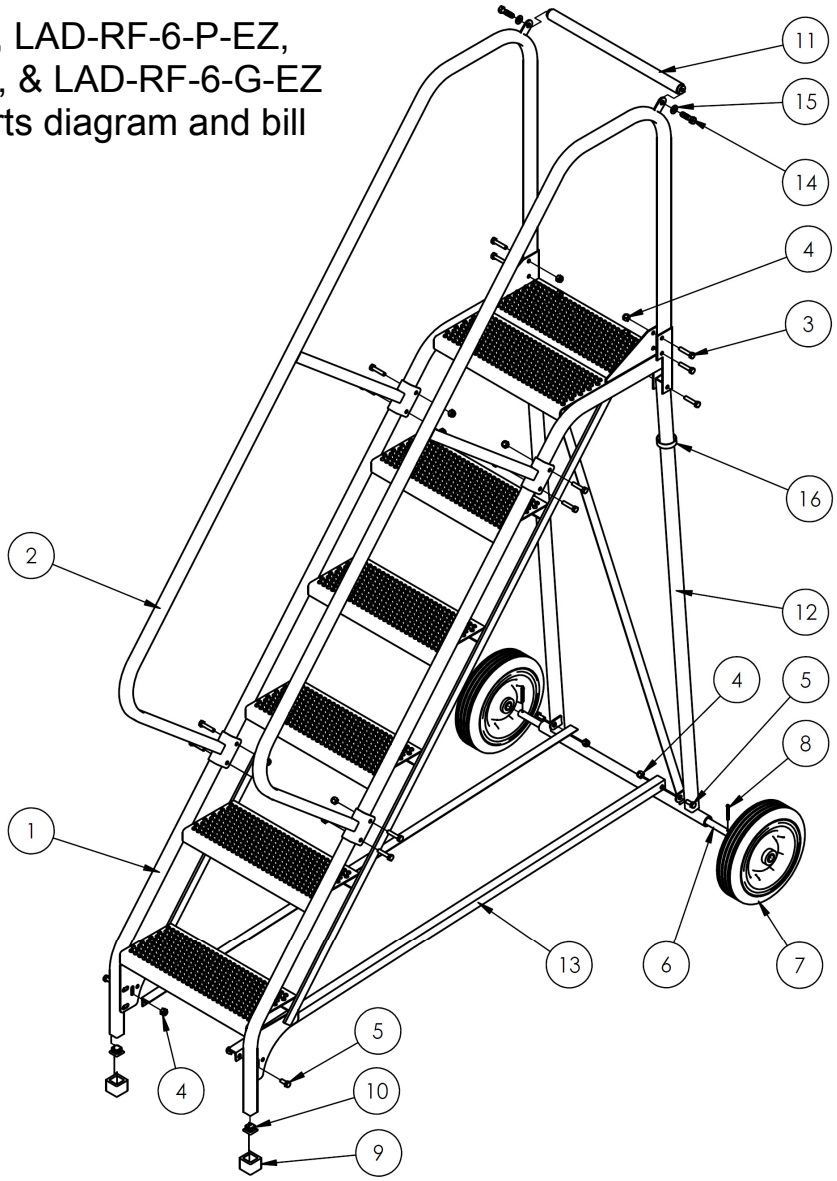
Item no.	Part no.	Description	Quantity
1	44-647-107 44-647-108 44-647-109 44-647-110	Weldment, 4-step frame: LAD-RF-4-P LAD-RF-4-G LAD-RF-4-P-EZ LAD-RF-4-G-EZ	1
2	44-524-109 44-524-110	Weldment, handrail: LAD-RF-4-P & LAD-RF-4-G LAD-RF-4-P-EZ & LAD-RF-4-G-EZ	2
3	11059	$^{5}/_{16}$ in. – 18 UNC x $1^{1}/_{2}$ in. HHCS #2 zinc-plated bolt	10
4	37021	$^{5}/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	11
5	11053	$^{5}/_{16}$ in. – 18 UNC x $^{3}/_{4}$ in. HHCS #2 zinc-plated bolt	4
6	44-112-006	Wheel axle	1
7	16-132-310	10 in. x $2^{1}/_{2}$ in. 16mm steel hub	2
8	65125	$^{3}/_{16}$ in. x $1^{1}/_{2}$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-324	Weldment, frame, back platform	1
12	44-514-315	Weldment, back leg, 4-step	1
13	44-014-332 44-014-233	Base support: LAD-RF-4-P & LAD-RF-4-G LAD-RF-4-P-EZ & LAD-RF-4-G-EZ	2
14	11108	$^{3}/_{8}$ in. – 16 UNC x $1^{3}/_{8}$ in. zinc-plated hex cap screw	2
15	33008	$^{3}/_{8}$ in. USS zinc-plated flat washer	2
16	99-051-005	$^{1}/_{2}$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 2: LAD-RF-5-P, LAD-RF-5-P-EZ, LAD-RF-5-G, & LAD-RF-5-G-EZ exploded parts diagram and bill of materials



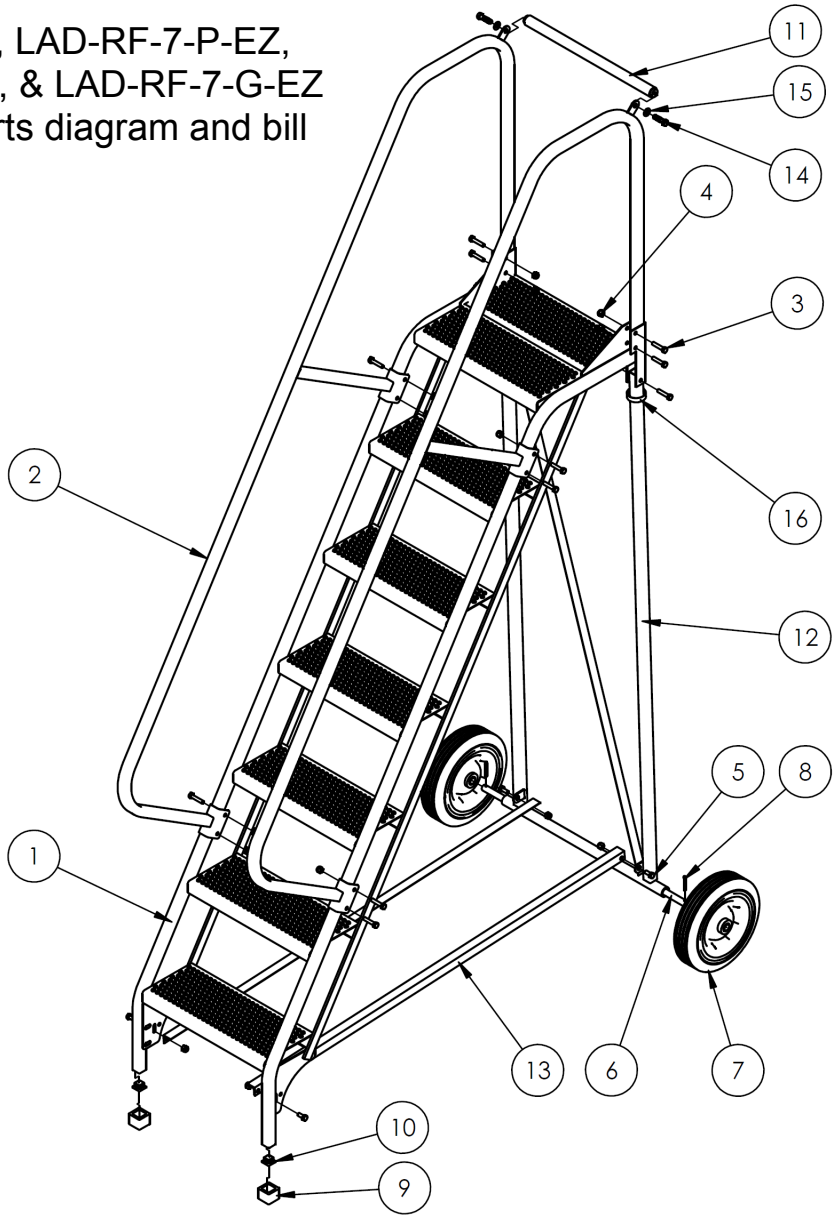
Item no.	Part no.	Description	Quantity
1		Weldment, 5-step frame:	
	44-647-014	LAD-RF-5-P	1
	44-647-022	LAD-RF-5-G	1
	44-647-030	LAD-RF-5-P-EZ	1
	44-647-038	LAD-RF-5-G-EZ	1
2		Weldment, handrail:	
	44-524-041	LAD-RF-5-P & LAD-RF-5-G	2
	44-524-111	LAD-RF-5-P-EZ and lAD-RF-5-G-EZ	2
3	11059	$^{5}/_{16}$ in. – 18 UNC x $1^{1}/_{2}$ in. HHCS #2 zinc-plated bolt	14
4	37021	$^{5}/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	18
5	11053	$^{5}/_{16}$ in. – 18 UNC x $^{3}/_{4}$ in. HHCS #2 zinc-plated bolt	4
6	44-112-006	Wheel axle	1
7	16-132-310	10 in. x $2^{1}/_{2}$ in. 16mm steel hub	2
8	65125	$^{3}/_{16}$ in. x $1^{1}/_{2}$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-324	Weldment, frame, back platform	1
12	44-514-316	Weldment, back leg, 5-step	1
13		Base support:	
	44-014-233	LAD-RF-5-P & LAD-RF-5-G	2
	44-014-510	LAD-RF-5-P-EZ and lAD-RF-5-G-EZ	2
14	11108	$^{3}/_{8}$ in. – 16 UNC x $1^{3}/_{8}$ in. zinc-plated hex cap screw	2
15	33008	$^{3}/_{8}$ in. USS zinc-plated flat washer	2
16	99-051-005	$^{1}/_{2}$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 3: LAD-RF-6-P, LAD-RF-6-P-EZ, LAD-RF-6-G, & LAD-RF-6-G-EZ exploded parts diagram and bill of materials



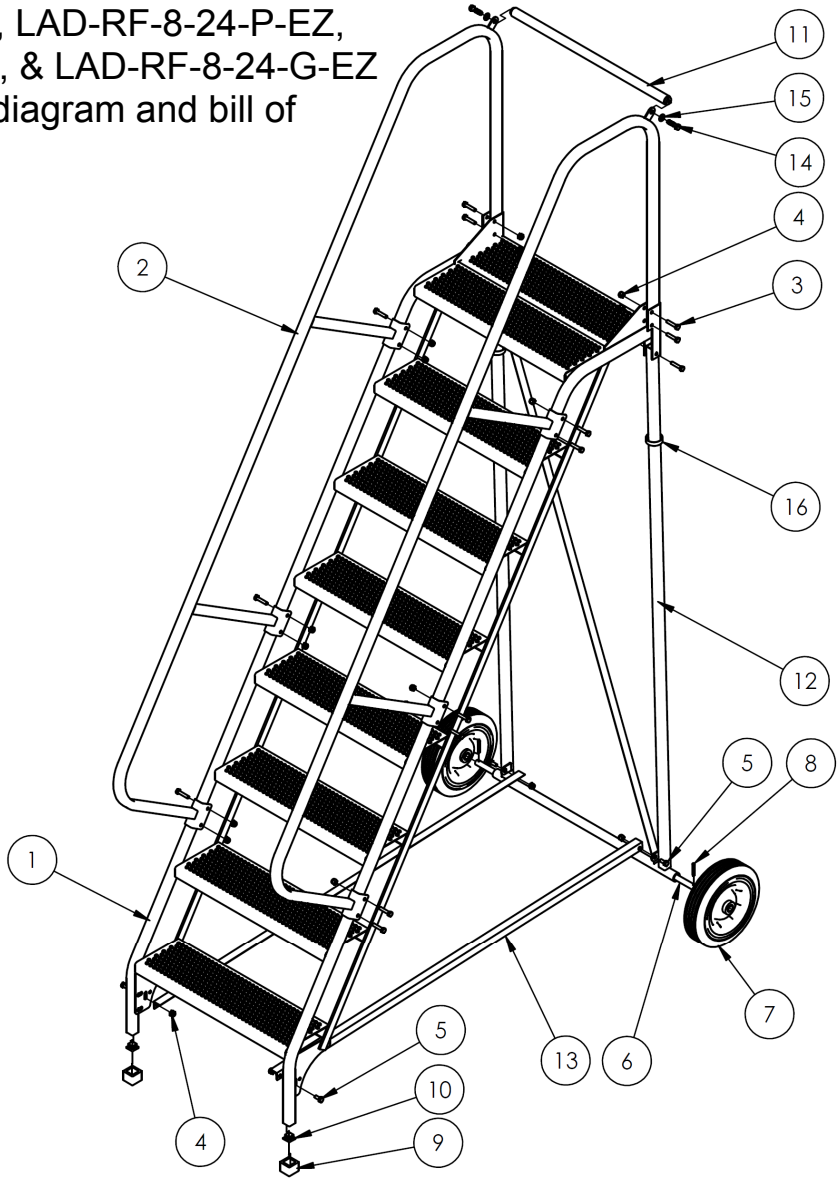
Item no.	Part no.	Description	Quantity
1		Weldment, 6-step frame:	
	44-647-015	LAD-RF-6-P	1
	44-647-023	LAD-RF-6-G	1
	44-647-031	LAD-RF-6-P-EZ	1
	44-647-039	LAD-RF-6-G-EZ	1
2		Weldment, handrail:	
	44-524-042	LAD-RF-6-P & LAD-RF-6-G	2
	44-524-056	LAD-RF-6-P-EZ & LAD-RF-6-G-EZ	2
3	11059	$^{5}/_{16}$ in. – 18 UNC x $1^{1}/_{2}$ in. HHCS #2 zinc-plated bolt	14
4	37021	$^{5}/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	18
5	11053	$^{5}/_{16}$ in. – 18 UNC x $^{3}/_{4}$ in. HHCS #2 zinc-plated bolt	4
6	44-112-006	Wheel axle	1
7	16-132-310	10 in. x $2^{1}/_{2}$ in. 16mm steel hub	2
8	65125	$^{3}/_{16}$ in. x $1^{1}/_{2}$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-324	Weldment, frame, back platform	1
12	44-514-317	Weldment, back leg, 6-step	1
13		Base support:	
	44-014-320	LAD-RF-6-P & LAD-RF-6-G	2
	44-014-243	LAD-RF-6-P-EZ & LAD-RF-6-G-EZ	2
14	11108	$^{3}/_{8}$ in. – 16 UNC x $1^{3}/_{8}$ in. zinc-plated hex cap screw	2
15	33008	$^{3}/_{8}$ in. USS zinc-plated flat washer	2
16	99-051-005	$^{1}/_{2}$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 4: LAD-RF-7-P, LAD-RF-7-P-EZ, LAD-RF-7-G, & LAD-RF-7-G-EZ exploded parts diagram and bill of materials



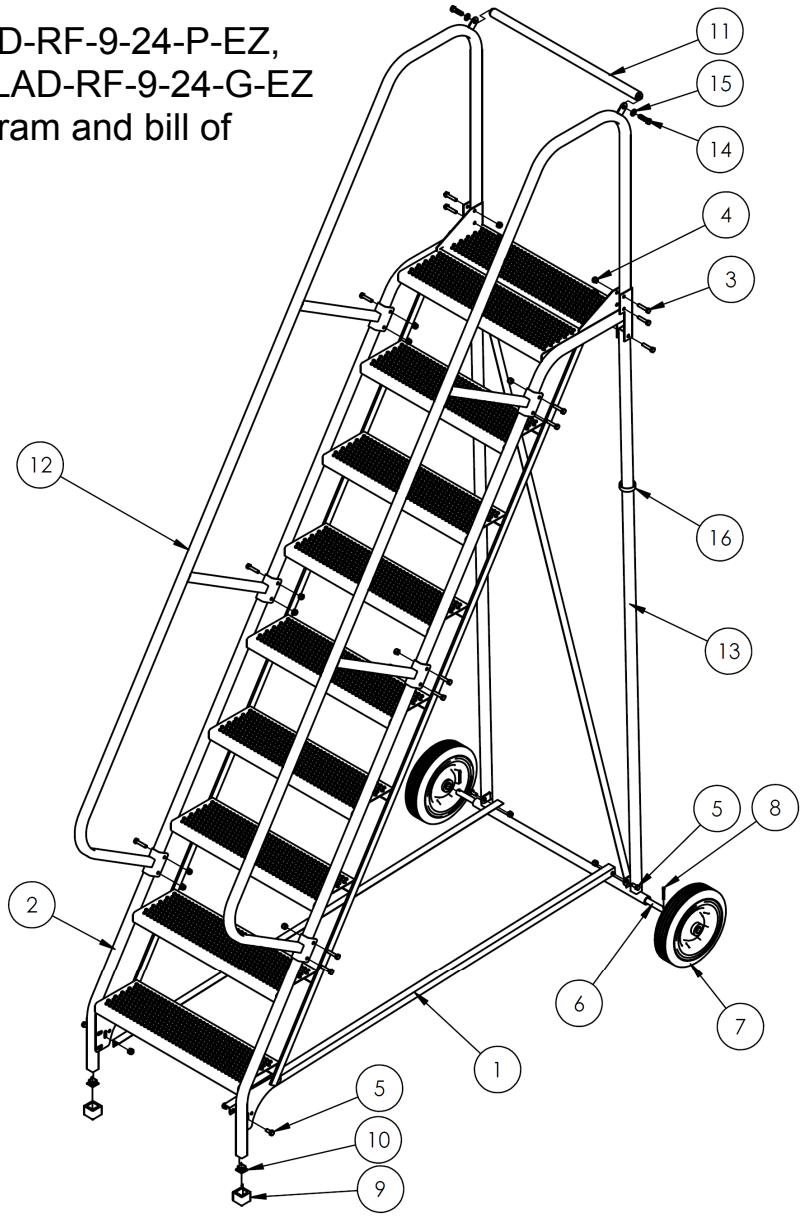
Item no.	Part no.	Description	Quantity
1		Weldment, 7-step frame:	
	44-647-016	LAD-RF-7-P	1
	44-647-024	LAD-RF-7-G	1
	44-647-032	LAD-RF-7-P-EZ	1
	44-647-040	LAD-RF-7-G-EZ	1
2		Weldment, handrail:	
	44-524-043	LAD-RF-7-P & LAD-RF-7-G	2
	44-524-049	LAD-RF-7-P-EZ & LAD-RF-7-G-EZ	2
3	11059	$^{5}/_{16}$ in. – 18 UNC x $1^{1}/_{2}$ in. HHCS #2 zinc-plated bolt	14
4	37021	$^{5}/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	18
5	11053	$^{5}/_{16}$ in. – 18 UNC x $^{3}/_{4}$ in. HHCS #2 zinc-plated bolt	4
6	44-112-006	Wheel axle	1
7	16-132-310	10 in. x $2^{1}/_{2}$ in. 16mm steel hub	2
8	65125	$^{3}/_{16}$ in. x $1^{1}/_{2}$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-324	Weldment, frame, back platform	1
12	44-514-318	Weldment, back leg, 7-step	1
13		Base support:	
	44-014-238	LAD-RF-7-P & LAD-RF-7-G	2
	44-014-400	LAD-RF-7-P-EZ & LAD-RF-7-G-EZ	2
14	11108	$^{3}/_{8}$ in. – 16 UNC x $1^{3}/_{8}$ in. zinc-plated hex cap screw	2
15	33008	$^{3}/_{8}$ in. USS zinc-plated flat washer	2
16	99-051-005	$^{1}/_{2}$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 5: LAD-RF-8-24-P, LAD-RF-8-24-P-EZ, LAD-RF-8-24-G, & LAD-RF-8-24-G-EZ exploded parts diagram and bill of materials



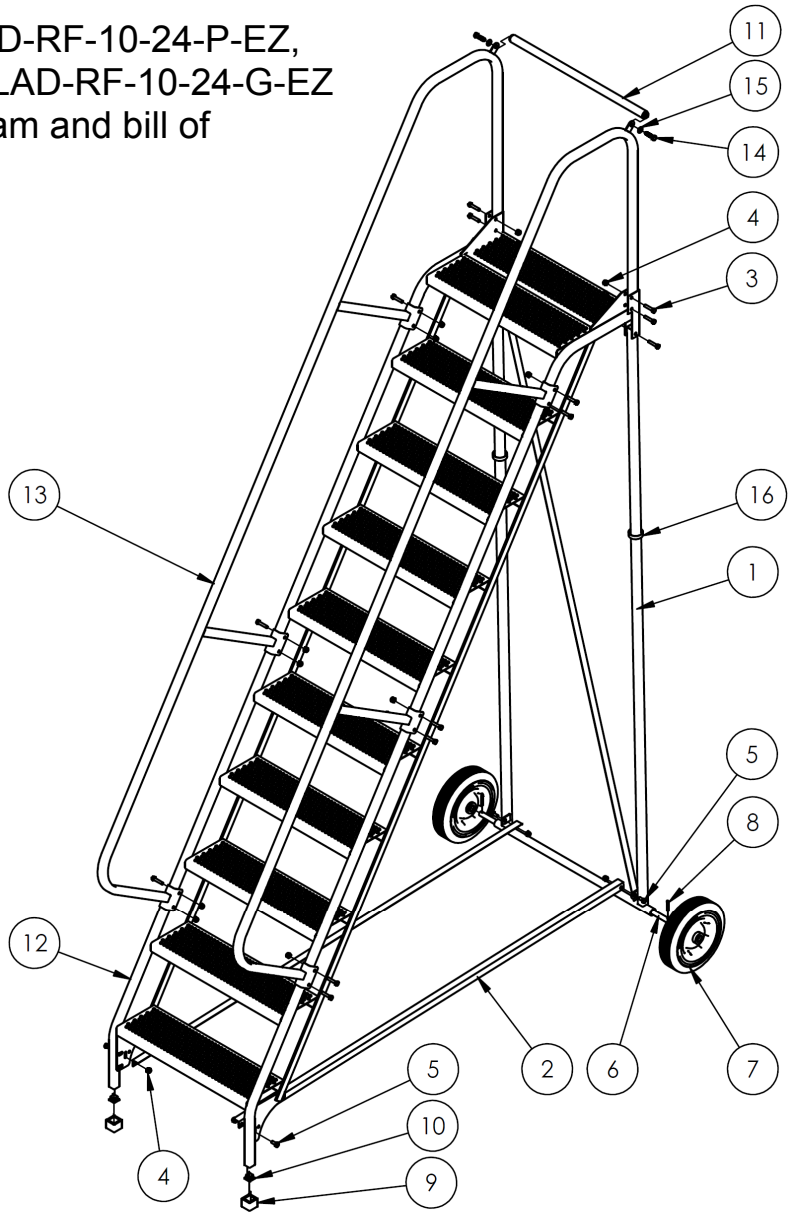
Item no.	Part no.	Description	Quantity
1		Weldment, 8-step frame:	
	44-647-017	LAD-RF-8-24-P	1
	44-647-025	LAD-RF-8-24-G	1
	44-647-033	LAD-RF-8-24-P-EZ	1
	44-647-041	LAD-RF-8-24-G-EZ	1
2		Weldment, handrail:	
	44-524-044	LAD-RF-8-24-P & LAD-RF-8-24-G	2
	44-524-050	LAD-RF-8-24-P-EZ & LAD-RF-8-24-G-EZ	2
3	11059	$^5/_{16}$ in. – 18 UNC x $1^1/_2$ in. HHCS #2 zinc-plated bolt	14
4	37021	$^5/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	18
5	11053	$^5/_{16}$ in. – 18 UNC x $^3/_4$ in. HHCS #2 zinc-plated bolt	4
6	44-112-007	Wheel axle	1
7	16-132-310	10 in. x $2^1/_2$ in. 16mm steel hub	2
8	65125	$^3/_{16}$ in. x $1^1/_2$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-314	Weldment, frame, back platform	1
12	44-514-319	Weldment, back leg, 8-step	1
13		Base support:	
	44-014-243	LAD-RF-8-24-P & LAD-RF-8-24-G	2
	44-014-401	LAD-RF-8-24-P-EZ & LAD-RF-8-24-G-EZ	2
14	11108	$^3/_8$ in. – 16 UNC x $1^3/_8$ in. zinc-plated hex cap screw	2
15	33008	$^3/_8$ in. USS zinc-plated flat washer	2
16	99-051-005	$^1/_2$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 6: LAD-RF-9-24-P, LAD-RF-9-24-P-EZ, LAD-RF-9-24-G, & LAD-RF-9-24-G-EZ exploded parts diagram and bill of materials



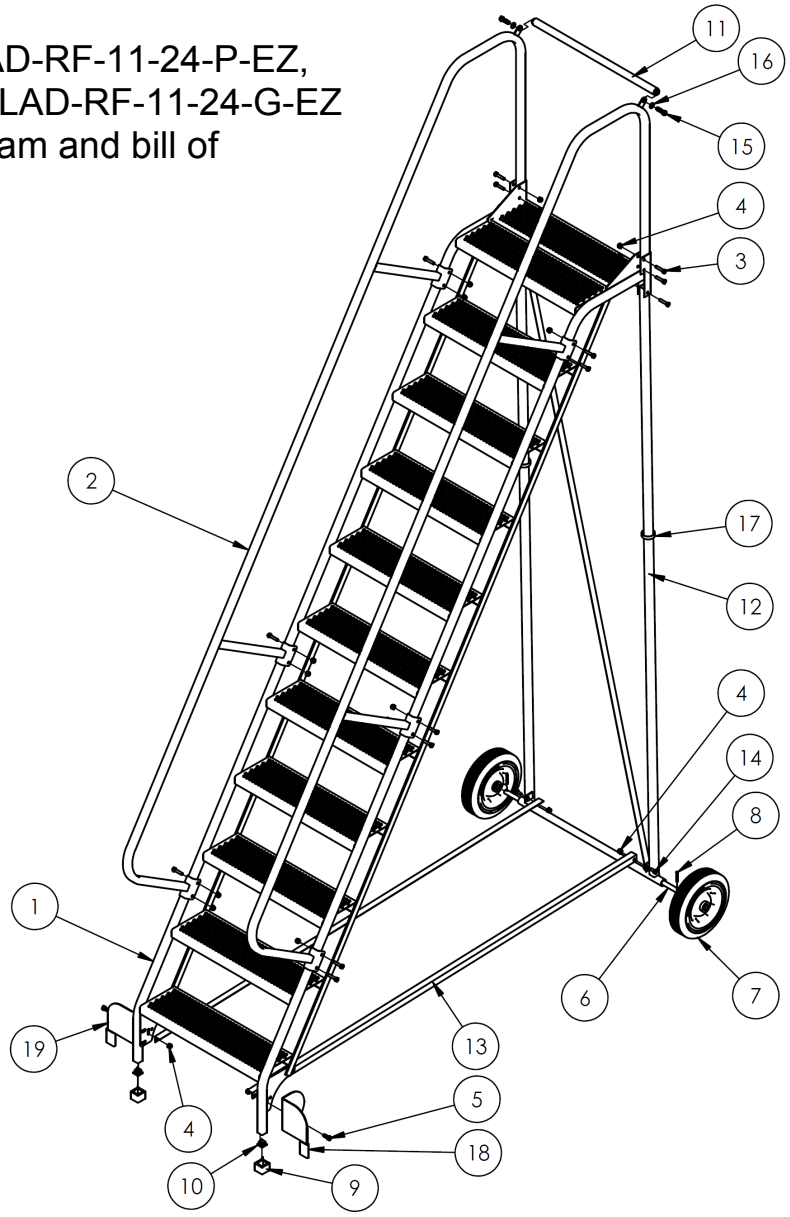
Item no.	Part no.	Description	Quantity
1		Base support:	
	44-014-400	LAD-RF-9-24-P & LAD-RF-9-24-G	2
	44-014-403	LAD-RF-9-24-P-EZ & LAD-RF-9-24-G-EZ	2
2		Weldment, 9-step frame:	
	44-647-018	LAD-RF-9-24-P	1
	44-647-026	LAD-RF-9-24-G	1
	44-647-032	LAD-RF-9-24-P-EZ	1
	44-647-042	LAD-RF-9-24-G-EZ	1
3	11059	$^5/_{16}$ in. – 18 UNC x $1^1/_2$ in. HHCS #2 zinc-plated bolt	18
4	37021	$^5/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	22
5	11053	$^5/_{16}$ in. – 18 UNC x $^3/_4$ in. HHCS #2 zinc-plated bolt	4
6	44-112-007	Wheel axle	1
7	16-132-310	10 in. x $2^1/_2$ in. 16mm steel hub	2
8	65125	$^3/_{16}$ in. x $1^1/_2$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-314	Weldment, frame, back platform	1
12		Weldment, handrail:	
	44-524-045	LAD-RF-9-24-P & LAD-RF-9-24-G	2
	44-524-051	LAD-RF-9-24-P-EZ & LAD-RF-9-24-G-EZ	2
13	44-514-320	Weldment, back leg, 9-step	1
14	11108	$^3/_8$ in. – 16 UNC x $1^3/_8$ in. zinc-plated hex cap screw	2
15	33008	$^3/_8$ in. USS zinc-plated flat washer	2
16	99-051-005	$^1/_2$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 7: LAD-RF-10-24-P, LAD-RF-10-24-P-EZ, LAD-RF-10-24-G, & LAD-RF-10-24-G-EZ exploded parts diagram and bill of materials



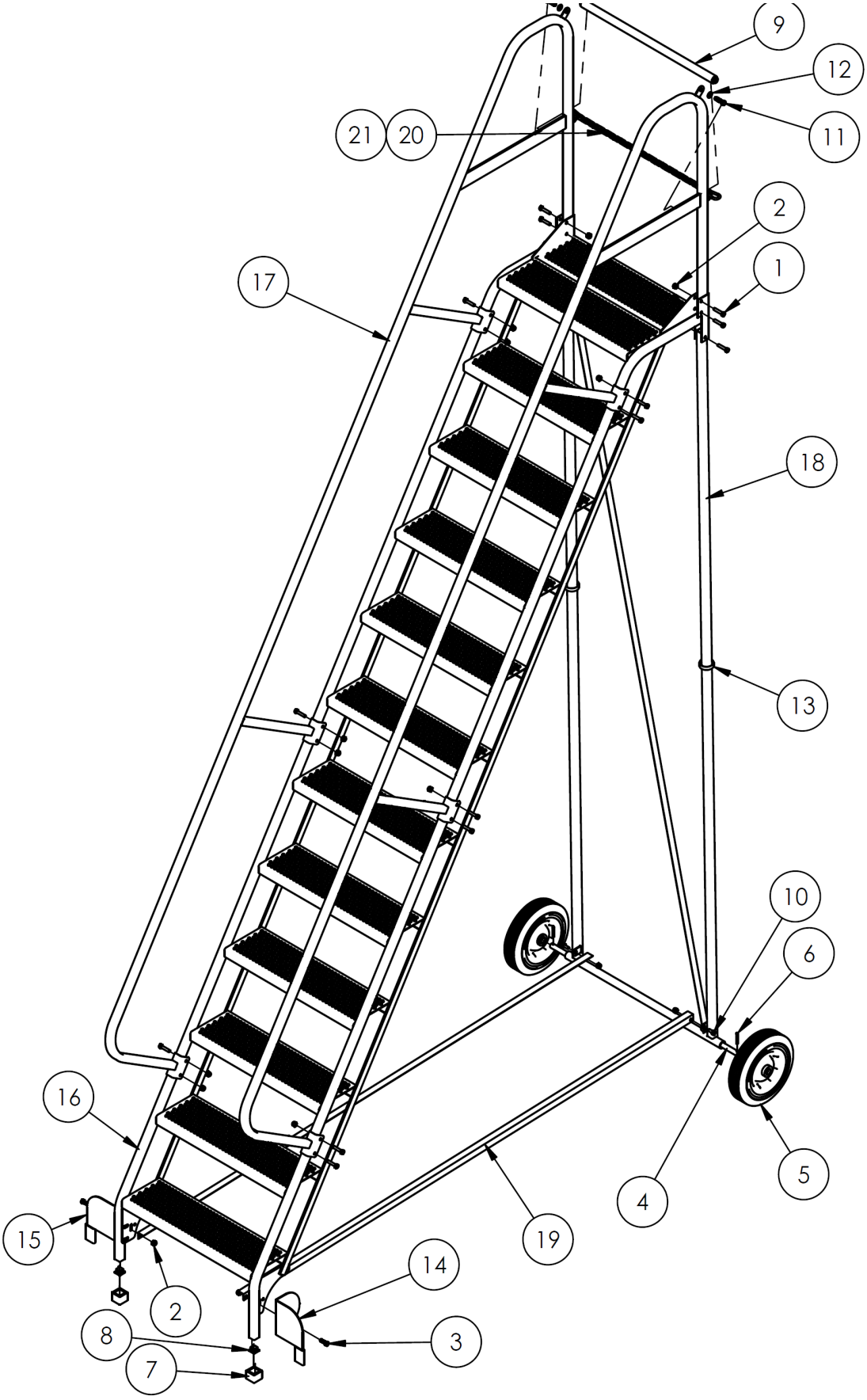
Item no.	Part no.	Description	Quantity
1	44-514-321	Weldment, back leg, 10-step	1
2		Base support:	
	44-014-401	LAD-RF-10-24-P & LAD-RF-10-24-G	2
	44-014-404	LAD-RF-10-24-P-EZ & LAD-RF-10-24-G-EZ	2
3	11059	$^{5}/_{16}$ in. – 18 UNC x $1^{1}/_{2}$ in. HHCS #2 zinc-plated bolt	18
4	37021	$^{5}/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	22
5	11053	$^{5}/_{16}$ in. – 18 UNC x $^{3}/_{4}$ in. HHCS #2 zinc-plated bolt	4
6	44-112-007	Wheel axle	1
7	16-132-310	10 in. x $2^{1}/_{2}$ in. 16mm steel hub	2
8	65125	$^{3}/_{16}$ in. x $1^{1}/_{2}$ in. zinc-plated cotter pin	2
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
10	99-025-025	1 in. plastic plug	2
11	44-514-314	Weldment, frame, back platform	1
12		Weldment, 10-step frame:	
	44-647-019	LAD-RF-10-24-P	1
	44-647-027	LAD-RF-10-24-G	1
	44-647-035	LAD-RF-10-24-P-EZ	1
	44-647-043	LAD-RF-10-24-G-EZ	1
13		Weldment, handrail:	
	44-524-046	LAD-RF-10-24-P & LAD-RF-10-24-G	2
	44-524-052	LAD-RF-10-24-P-EZ & LAD-RF-10-24-G-EZ	2
14	11108	$^{3}/_{8}$ in. – 16 UNC x $1^{3}/_{8}$ in. zinc-plated hex cap screw	2
15	33008	$^{3}/_{8}$ in. USS zinc-plated flat washer	2
16	99-051-005	$^{1}/_{2}$ in. x 8 in. hook-and-loop fastening strap	2

FIG. 8: LAD-RF-11-24-P, LAD-RF-11-24-P-EZ, LAD-RF-11-24-G, & LAD-RF-11-24-G-EZ exploded parts diagram and bill of materials



Item no.	Part no.	Description	Quantity	Item no.	Part no.	Description	Quantity
1	44-647-020 44-647-028 44-647-036 44-647-044	Weldment, 11-step frame: LAD-RF-11-24-P LAD-RF-11-24-G LAD-RF-11-24-P-EZ LAD-RF-11-24-G-EZ	1 1 1 1	11	44-514-314	Weldment, frame, back platform	1
2	44-524-047 or 44-524-053	Weldment, handrail: LAD-RF-11-24-P & LAD-RF-11-24-G LAD-RF-11-24-P-EZ & LAD-RF-11-24-G-EZ	2 2	12	44-514-322	Weldment, back leg, 11-step:	1
3	11059	$^5/_{16}$ in. – 18 UNC x $1^1/_2$ in. HHCS #2 zinc-plated bolt	18	13	44-014-402 or 44-014-515	Base support: LAD-RF-11-24-P & LAD-RF-11-24-G LAD-RF-11-24-P-EZ & LAD-RF-11-24-G-EZ	2
4	37021	$^5/_{16}$ in. – 18 zinc-plated #2 nylon lock nut	22	14	11053	$^5/_{16}$ in. – 18 UNC x $^3/_4$ in. HHCS #2 zinc-plated bolt	2
5	11055	$^5/_{16}$ in. – 18 UNC x 1 in. HHCS #2 zinc-plated bolt	2	15	11108	$^3/_8$ in. – 16 UNC x $1^3/_8$ in. zinc-plated hex cap screw	2
6	44-112-007	Wheel axle	1	16	33008	$^3/_8$ in. USS zinc-plated flat washer	2
7	16-132-310	10 in. x $2^1/_2$ in. 16mm steel hub	2	17	99-051-005	$^1/_2$ in. x 8 in. hook-and-loop strap	2
8	65125	$^3/_{16}$ in. x $1^1/_2$ in. zinc-plated cotter pin	2	18	44-514-310	Assembly, outrigger, right side	1
9	99-024-027	1 in. x 1 in., 60 Duro. square cap	2	19	44-514-311	Assembly, outrigger, left side	1
10	99-025-025	1 in. plastic plug	2				

FIG. 9: LAD-RF-12-24-P, LAD-RF-12-24-P-EZ, LAD-RF-12-24-G, & LAD-RF-12-24-G-EZ exploded parts diagram (bill of materials on following page)



LAD-RF-12-24-P, LAD-RF-12-24-P-EZ, LAD-RF-12-24-G, & LAD-RF-12-24-G-EZ Bill of materials:

Item no.	Part no.	Description	Quantity
1	11059	5/16 in. – 18 UNC x 1 1/2 in. #2 zinc-plated bolt	18
2	37021	5/16 in. – 18 #2 zinc-plated nylon lock nut	22
3	11055	5/16 in. – 18 x 1 in. HHCS #2 zinc-plated bolt	2
4	44-112-007	Wheel axle	1
5	16-132-310	10 in. x 2 1/2 in., 16mm steel hub wheel	2
6	65125	2/16 in. x 1 1/2 in. zinc-plated cotter pin	2
7	99-024-027	1 in. x 1 in., 60 Duro. square cap	2
8	99-025-025	1 in. plastic plug	2
9	44-514-314	Weldment, frame, back platform	1
10	11053	5/16 in. – 18 x 3/4 in. HHCS #2 zinc-plated bolt	2
11	11108	3/8 in. – 16 x 1 3/8 in. zinc-plated hex cap screw	2
12	33008	3/8 in. USS zinc-plated flat washer	2
13	99-051-005	1/2 in. x 8 in. hook-and-loop fastening strap	2
14	44-514-310	Assembly, outrigger, right	1
15	44-514-311	Assembly, outrigger, left	1
16		Weldment, 12-step frame:	
	44-647-021	LAD-RF-12-24-P	1
	44-647-029	LAD-RF-12-24-G	1
	44-647-037	LAD-RF-12-24-P-EZ	1
	44-647-0	LAD-RF-12-24-G-EZ	1
17		Weldment, handrail:	
	44-524-048	LAD-RF-12-24-P & LAD-RF-12-24-G	2
	44-524-054	LAD-RF-12-24-P-EZ & LAD-RF-12-24-G-EZ	2
18	44-514-323	Weldment, back leg	1
19		Base support:	
	44-014-403	LAD-RF-12-24-P & LAD-RF-12-24-G	2
	44-014-516	LAD-RF-12-24-P-EZ & LAD-RF-12-24-G-EZ	2
20	99-145-031	3/16 in. chain 24 in. long	1
21	08-145-008	1/4 in. snap hook	2

Assembly Instructions:

⚠WARNING Read the entire instruction manual before assembling this ladder. Improper assembly might make the ladder unsafe to use.

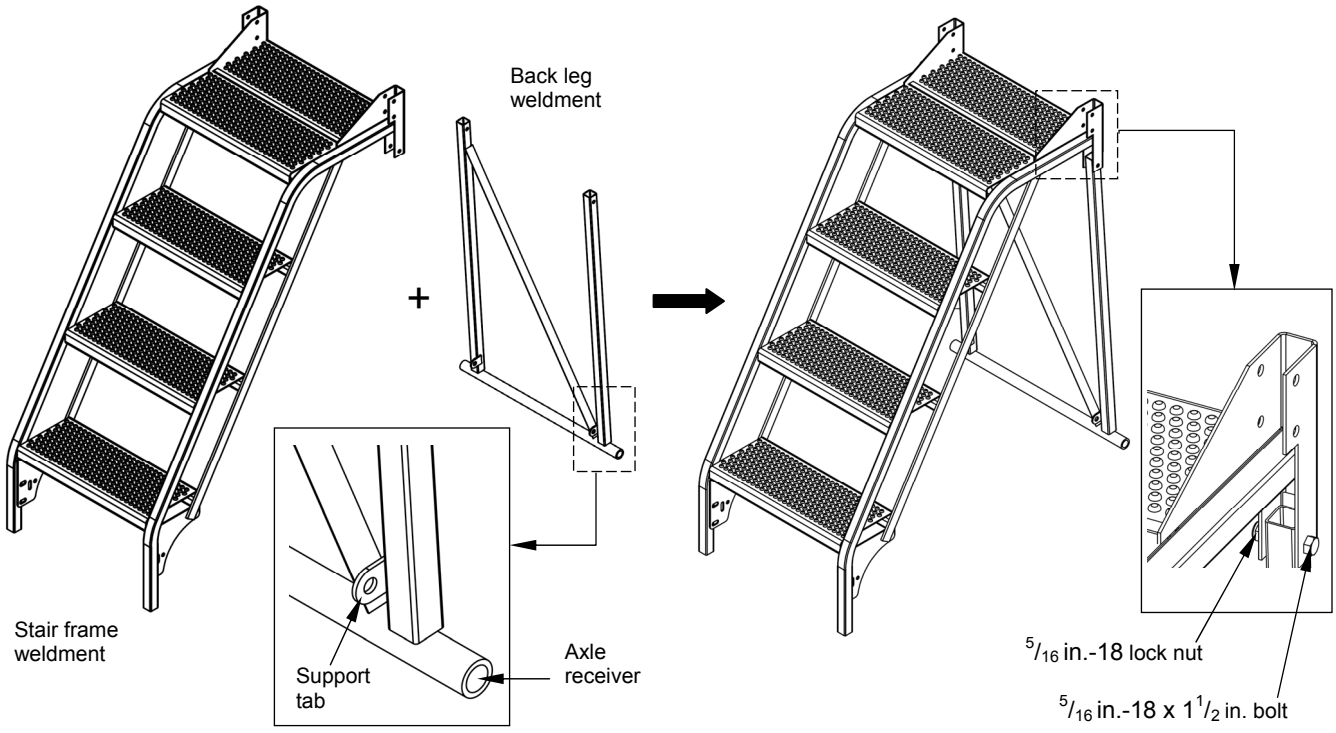
- Visually inspect the ladder components *prior to assembly*. Look at each part of the ladder immediately after you receive the package from the shipper. Look for damage that might have occurred during shipping. DO NOT assemble or use the ladder stand if you notice any damage to one or more of the steps or to any other structural element (step weldment, back leg weldment, base supports, and handrails) of the ladder. Using the ladder stand despite weakness of a frame member could result in serious personal injuries. DO NOT use your ladder stand if any of the hardware (bolts, nuts, etc.) is damaged. Contact Vestil to order replacement parts.
- DO NOT assemble the ladder by yourself. At least 2 people are needed for assembly.
- Read the entire instruction manual before assembling this ladder.
- DO NOT use the ladder if a wheel is damaged. Damaged wheels might cause the ladder to wobble and tip when used.
- ALWAYS use proper lifting techniques to minimize back strain if you must pick up ladder parts or move the ladder.

The following tools are necessary to assemble the ladder:

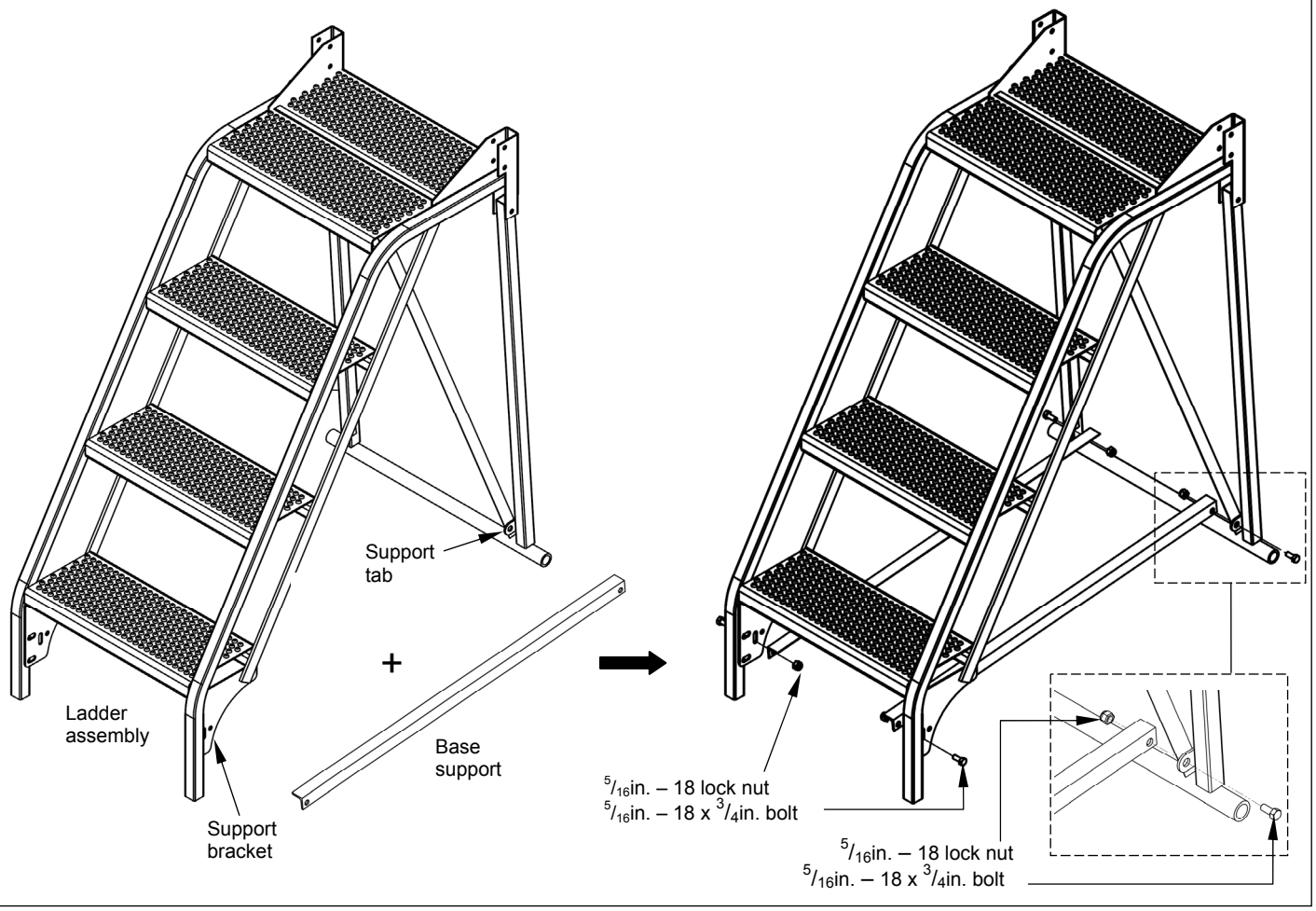
1. 2 crescent wrenches (1/2in. or adjustable to 1/2in.);
2. Rubber mallet;
3. Pliers, preferably needle nose, to bend arms of cotter pins
4. Proper work clothing, eye protection, gloves;
5. Sturdy wall no shorter than 8 feet high.
6. At least 30ft by 10ft of floor space is required to raise or collapse the ladder:
7. (If indoors) ceiling at least 16ft high.

Assembly instructions:

Step 1: Fasten the back leg weldment to the stair frame weldment with $^{5}/_{16}$ in. hardware. Be sure to orient the back leg weldment as shown below (support tabs should face inwards).

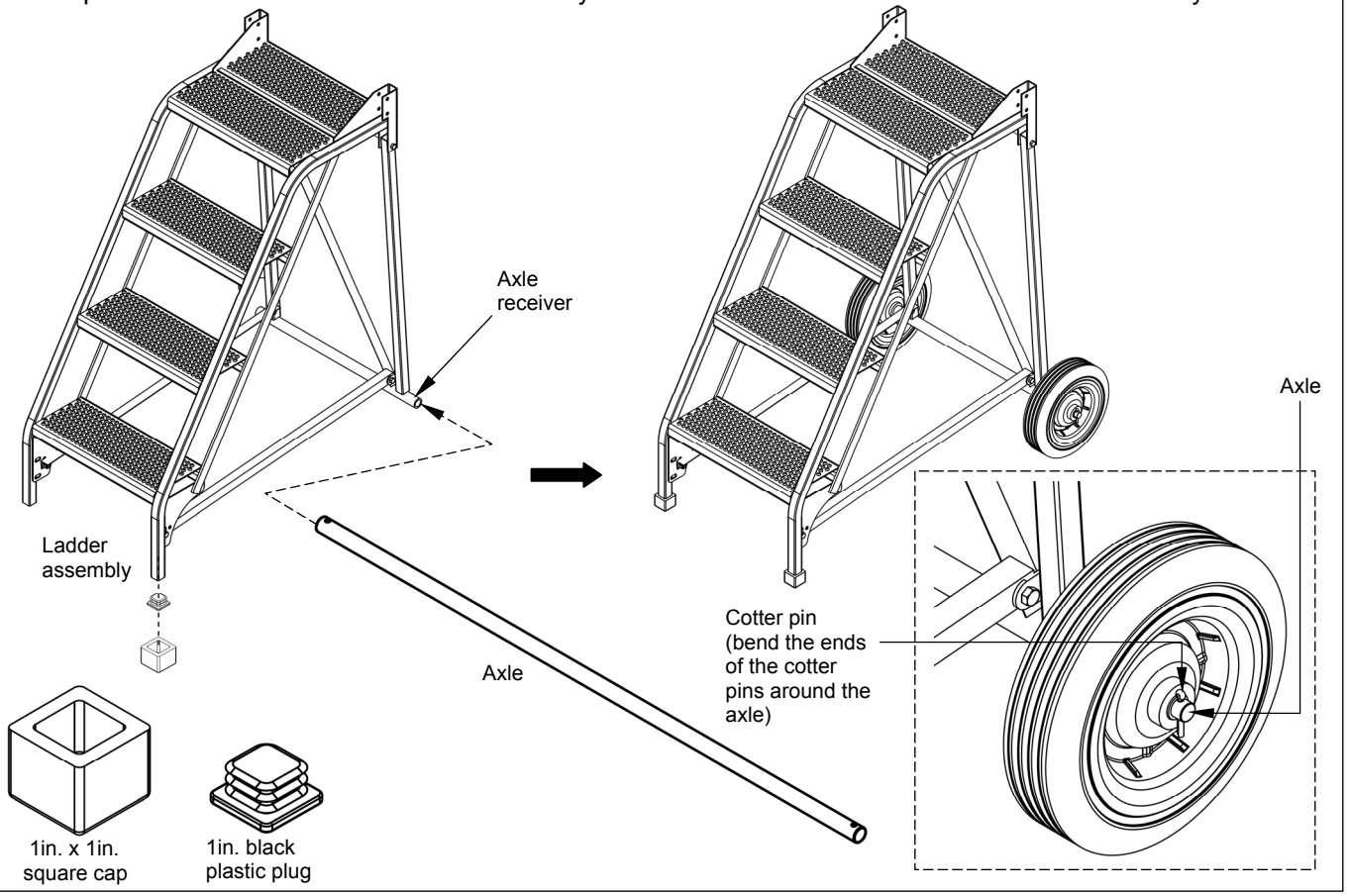


Step 2: Fasten the base supports to the support brackets and support tabs with $^{5}/_{16}$in. – 18 hardware as shown below.

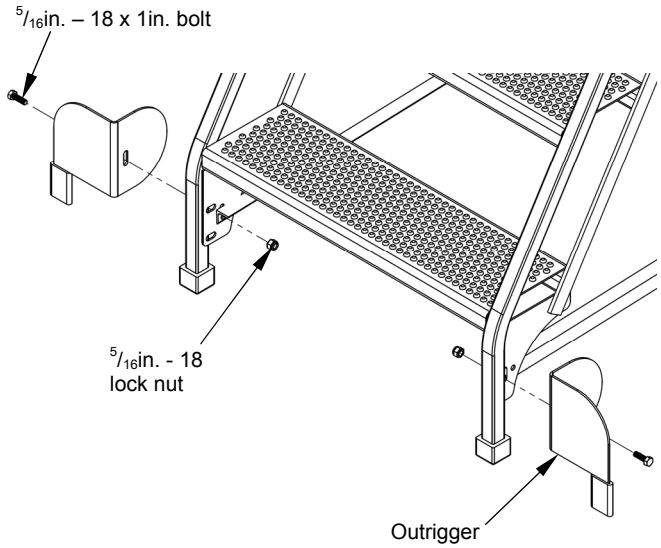


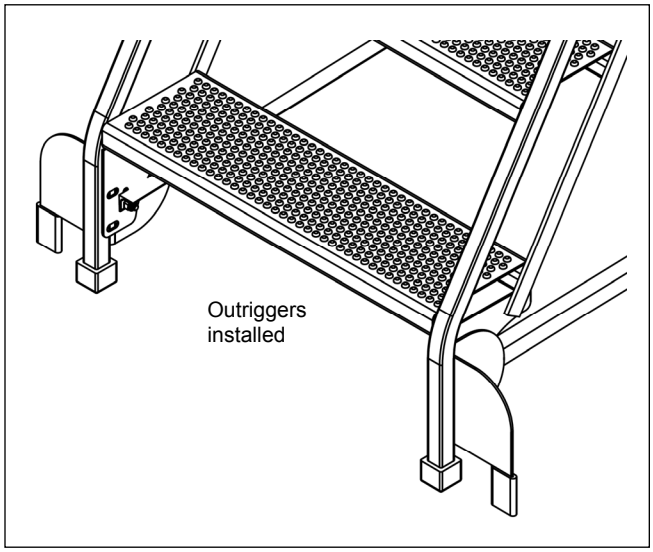
Step 3: Install the plugs, caps, axle and wheels.

a) Install the plastic plugs and square caps in the front legs. First, press the 1in. plastic plug into the front legs. Then, press the square caps over the plugs and onto the ends of the legs. If necessary, use a rubber mallet to gently tap the plugs and caps into place.
b) Insert the axle through the axle receiver of the back leg weldment.
c) Then, slide the wheels onto the ends of the axle. Secure the wheels to the axle by inserting a cotter pin through the pinhole in each end of the axle. Periodically lubricate the axle to allow the wheels to rotate freely.

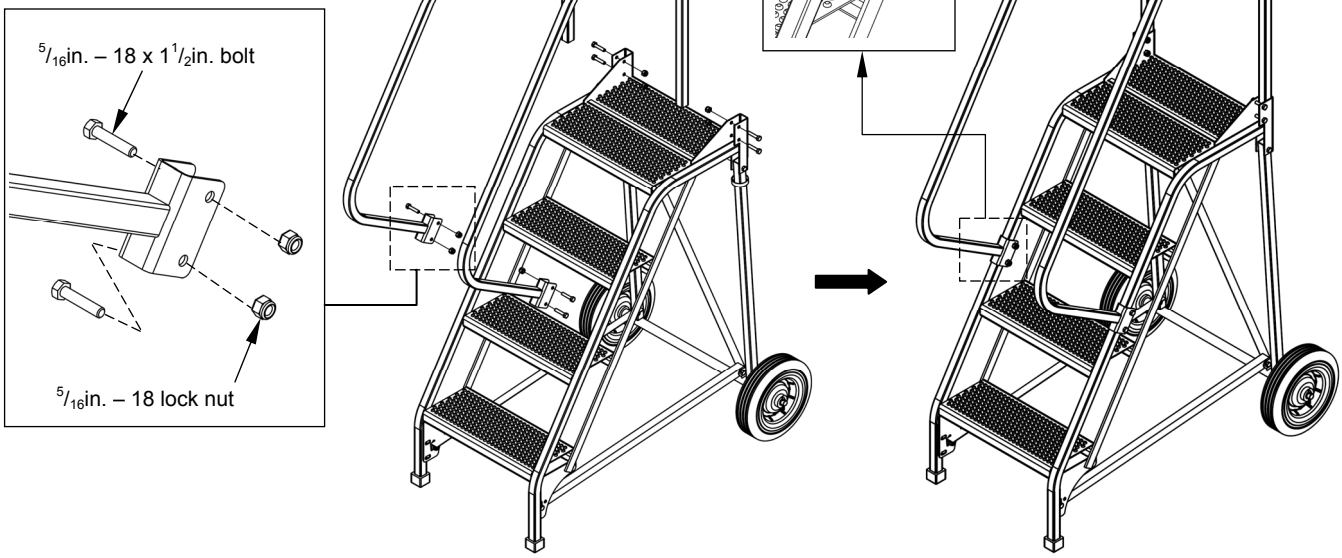


Step 4 (LAD-R-26-11 & LAD-R-26-12 only): Install the outriggers.

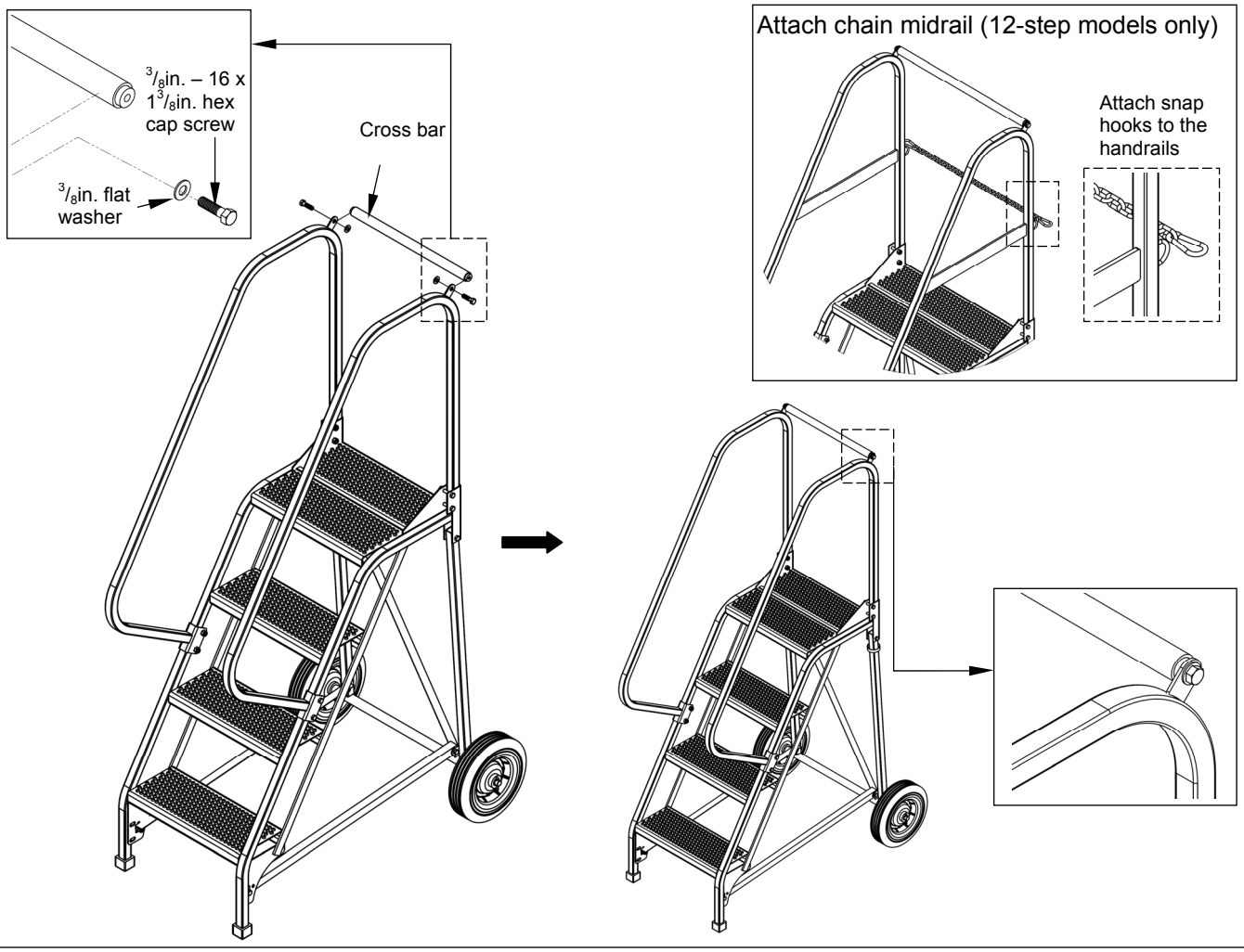




Step 5: Attach the handrails.



Step 6: Install the handrail cross bar. [NOTE: 12-step models also include a chain midrail.]



Use Instructions:

Before climbing the ladder, stand on the bottom step and confirm that the caps prevent the front end of the ladder from sliding.

To move the ladder, grasp either the handrails or the side rails and slowly lift the front of the ladder off of the ground. Ladders with more steps are heavier and therefore require more effort to move. Only attempt to lift and move the ladder if you are able to comfortably lift it and can easily control it while balanced on its wheels.

Inspections & Maintenance:

Regular inspections and maintenance are necessary to keep the ladder in normal working condition.

Initial inspection — after assembling your ladder and before using it for the first time inspect it to confirm normal condition.

Regular inspections — after the first use, at least once per month inspect the following items:

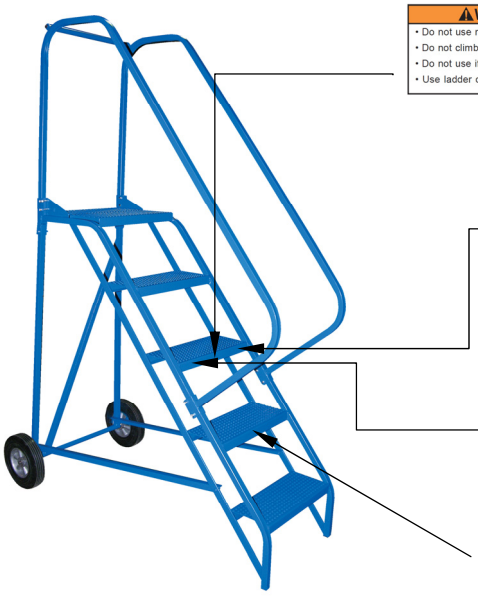
- Handrails, cross bars and midrail: Inspect both handrails. Confirm that they are solidly fastened to the step weldment. Each handrail should be rigid and undamaged. Examine the cross bar and midrail (12-step models). Confirm that they are securely fastened to the handrails and are in normal condition.
- Axle, axle receiver/back leg weldment and wheels: Make sure that the axle and the axle receiver/back leg weldment are not bent, that the wheels are not severely worn, that they are vertical (not angled towards or away from the ladder) and roll smoothly. The wheel retaining cotter pins must be securely fastened to the axle.
- All frame members (step weldment, back leg weldment, base supports, handrails) and all fasteners (bolts, nuts, pins): Inspect each frame member weekly for damage like excessive wear, warps, and cracks. All frame pieces should be square, rigid, and free of rust and corrosion. Remove rust with steel wool or a metal bristle brush and apply touch-up paint to the affected area. Check the areas where frame members are bolted together. Check the areas around bolt holes for warps, cracks, etc. Replace all parts that are damaged before using the ladder again. DO NOT continue to use the ladder if damage cannot be repaired.
- Square (rubber) caps: Check the caps for cracks and excessive or uneven wear. Install replacement caps before returning the ladder to service.
- Outriggers (11 and 12 step models): Examine the outriggers and confirm that they are securely fastened to the step weldment. Both outriggers should make solid contact with the ground, i.e. the ladder should not be able to wobble. Confirm that the caps on the outrigger legs are in satisfactory condition.

Maintenance: in addition to correcting issues discovered during inspections, maintain the ladder as described below.

- Clean the ladder to remove dirt and grime, especially from step surfaces.
- Lubricate the axle as necessary for the wheels to rotate freely.
- Apply touchup paint wherever the finish is chipped.

Label placement diagram:

Each ladder should be labeled as shown below. Replace any label that is damaged or missing.



Label 740

⚠WARNING	⚠ ADVERTENCIA	⚠AVERTISSEMENT
• Do not use near live electric lines • Do not climb rails or lean over rails • Do not use if damaged or worn • Use ladder on level, smooth surfaces only	• No use cerca de lineas electricas • No se suba o se asome en la barandilla • No use si esta danado o gastado • Use la escalera en superficies a nivel y lisas	• Ne pas utiliser près des lignes électriques sous tension • Ne pas grimper sur ou vous pencher des rails • Ne pas utiliser si endommagée ou usagée • Utiliser l'échelle seulement sur des surfaces plates et lisses

740

Label 287

MODEL/MODÉLO/MODÈLE _____

STATIC CAPACITY (evenly distributed) _____ lbs.

LA CAPACIDAD CONSTANTE (distribuida uniformemente) _____ kgs.

CAPACITÉ STATIQUE (distribuée régulièrement) _____ kgs.

SERIAL/SERIE/SÉRIE _____

287 REV 0812

Label 729A

DANGER

METAL CONDUCTS ELECTRICITY!

DO NOT CONTACT LIVE WIRES

729A

Label 821

SAFETY FIRST
Read owners manual and all labels before using.

SEGURIDAD PRIMERO
Lea el manual del propietario y todas las etiquetas antes del uso.

821

LIMITED WARRANTY

Vestil Manufacturing Corporation ("Vestil") warrants this Semi-Automatic Strapping Machine, model S-2001 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 Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail	Fax	Email
Vestil Manufacturing Corporation	(260) 665-1339	sales@vestil.com
2999 North Wayne Street, PO Box 507	Phone	
Angola, 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"), such as bearings, hoses, wheels, seals, brushes, and batteries.

How long is the warranty period?
The warranty period for original dynamic components is 90 days. For wearing parts, the warranty period is 90 days. The warranty periods begin on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the periods begin when the distributor ships the product. Vestil may, at its sole discretion, extend the warranty periods 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 conditions;
    - Inadequate or improper maintenance;
    - Damage sustained during shipping;
    - Accidents involving the product;
    - Unauthorized modifications: 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 t

