



A John M. Ellsworth Company

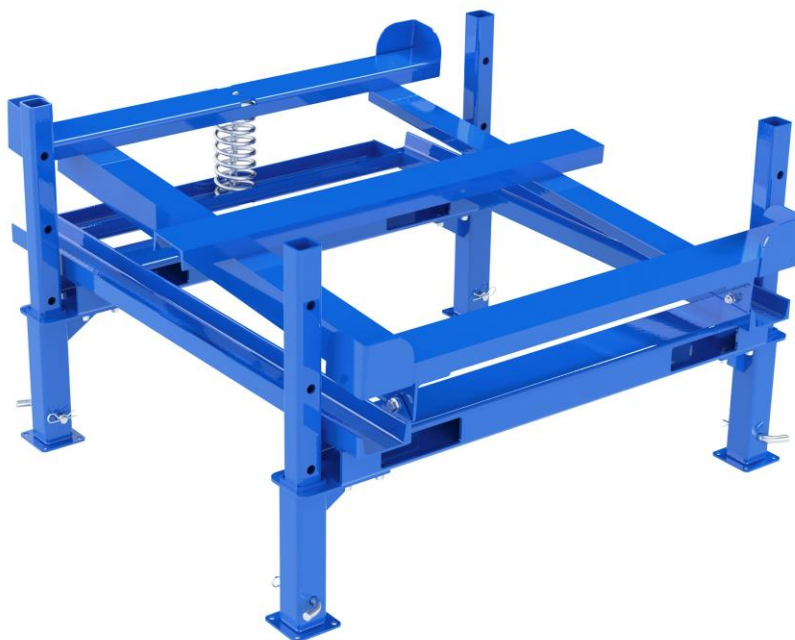
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IBC-TLT-FPL



Receiving Instructions

After delivery, remove the packaging from the product. Inspect the product closely to determine whether it sustained damage during transport. If damage is discovered, record a complete description of it on the bill of lading. If the product is undamaged, discard the packaging.

NOTE: The end-user is solely responsible for confirming that product design, use, and maintenance comply with laws, regulations, codes, and mandatory standards applied where the product is used.

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SIGNAL WORDS

SIGNAL WORDS appear in this manual to draw the reader's attention to important safety-related messages.



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.



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



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.

SAFETY INSTRUCTIONS

Vestil strives to identify all foreseeable hazards associated with the use of its products. However, material handling is dangerous and no manual can address every conceivable risk. Ultimately, the most effective way to prevent injury is to apply sound judgment whenever using this device.

WARNING

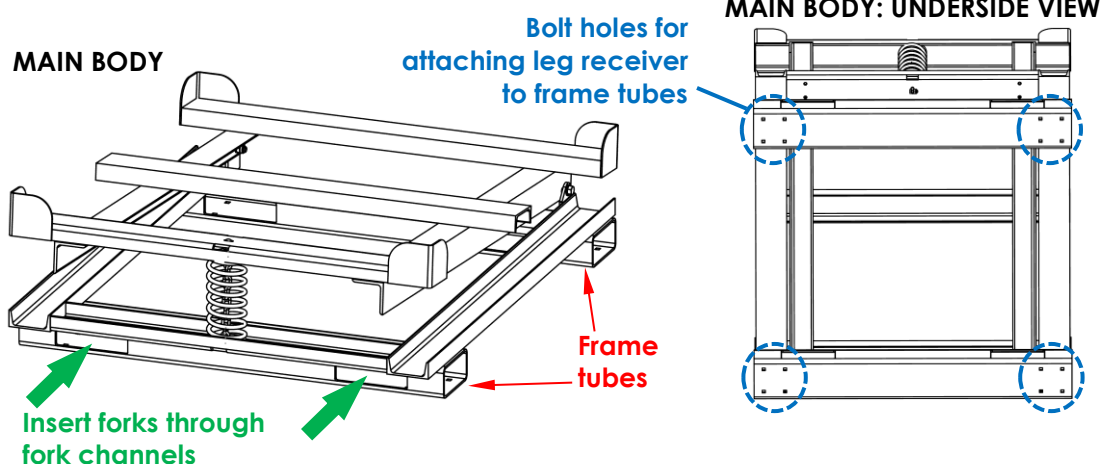
Improper or careless use of this product could result in death or serious personal injuries.

- Read and understand the entire manual before assembling, installing, using or servicing 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. Unapproved modifications automatically void the LIMITED WARRANTY on p. 7 and might make the product unsafe to use.
- DO NOT exceed the capacity: 4,400 pounds (2000kg). Capacity information is provided in on-product labeling. See SPECIFICATIONS on p. 5; Label 1153 in the LABELING DIAGRAM on p. 6.
- Inspect the product according to the instructions in INSPECTING & MAINTAINING THE STAND. DO NOT use the product unless it is in satisfactory condition.
- DO NOT move the stand (via lift truck) until the IBC has been removed from the stand.
- DO NOT use the stand UNLESS all labels are readable & undamaged. See LABELING DIAGRAM.

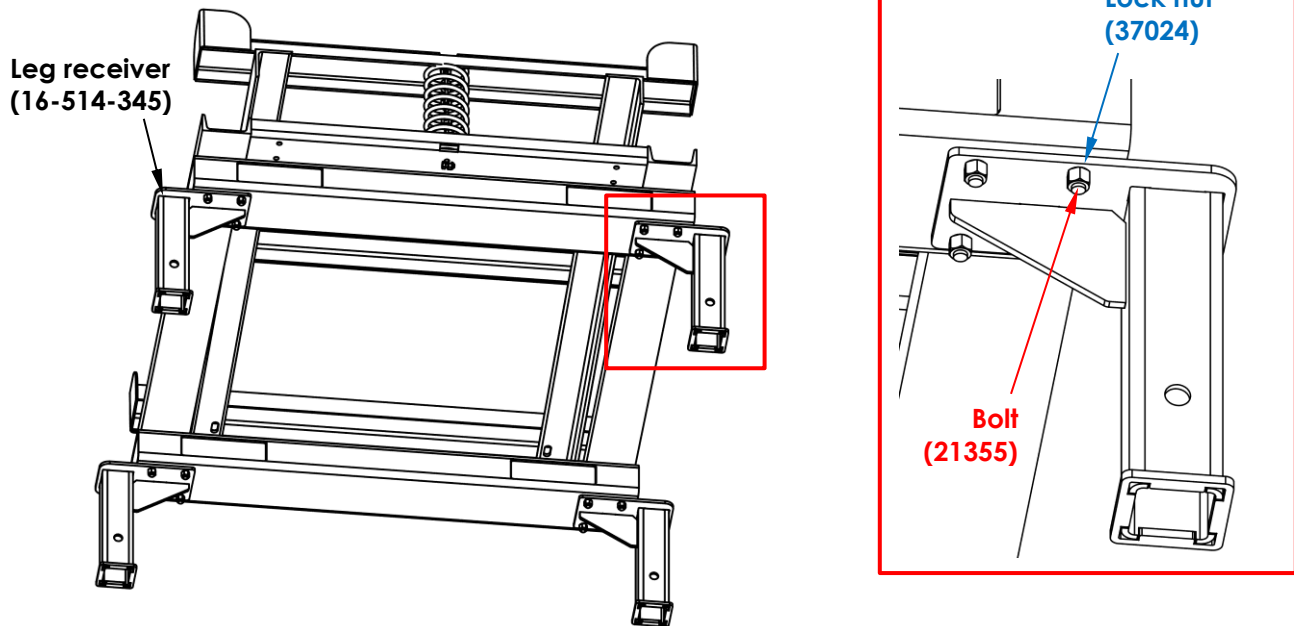
ASSEMBLING THE CONTAINER STAND

Numbers in parentheses () refer to part numbers in the bill of materials of the Exploded View on p. 4. At least 2 people should work together to assemble this product. Additionally, you will need either a 9/16" or adjustable crescent wrench, or a 9/16" socket and socket wrench to assemble the product.

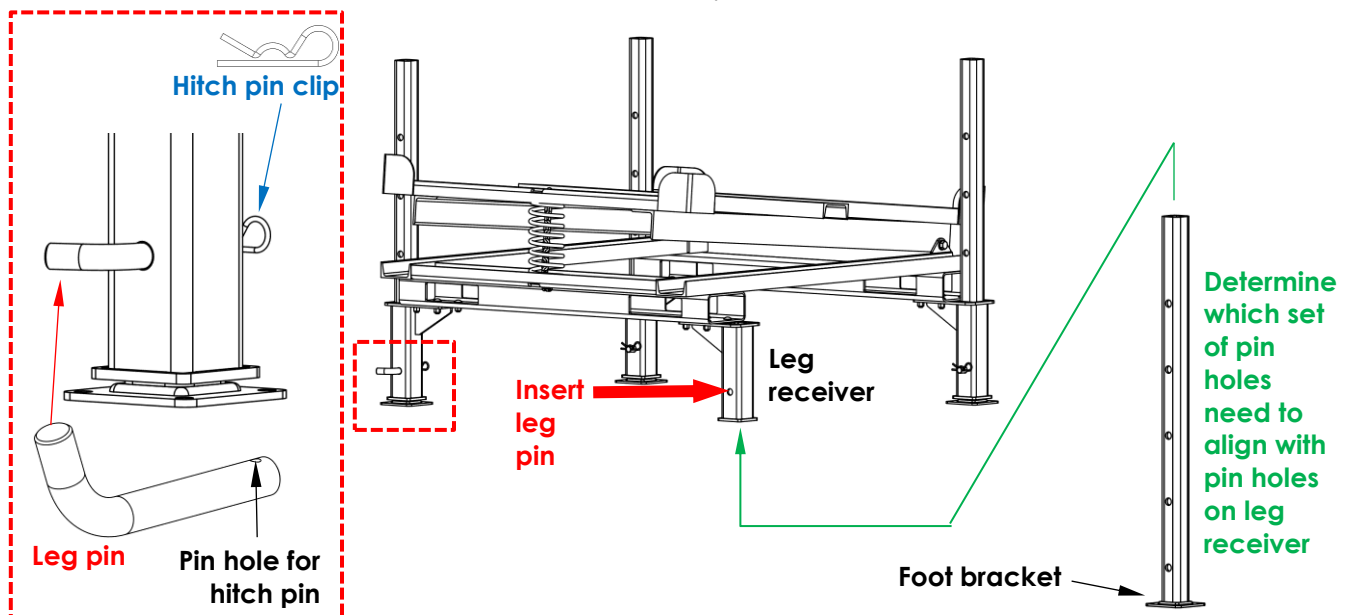
- 1) Begin the assembly process by inserting the forks of your lift truck into the fork channels and lifting the main body to an ergonomically comfortable height above the ground. Notice that there are sets of 4 bolt holes at both ends of the frame tubes (circled).



- 2) Attach a **leg receiver (16-514-345)** to each end of the frame tubes with 3/8"-16 x 1" carriage bolts (21355) and **3/8"-16 lock nuts (37024)**. Insert bolts through the frame tubes; then through the bolt holes in the leg receivers. Secure each bolt with a lock nut. Wrench-tighten each connection.



- 3) If necessary, elevate the forks of the lift truck so that the bottoms of the leg receivers are about 38 inches above the ground. Install each **leg (16-514-346)** into the leg receivers: insert the top of a leg into the bottom of a leg receiver. Align the selected holes in the legs with the pin holes in the leg receivers. Insert a **leg pin (99-112-030)** through the aligned pin holes; then insert a **hitch pin clip (45286)** through the hole at the end of each leg pin. Legs are adjustable in 6 in. increments. See *USING THE CONTAINER STAND* on p. 4.



- 4) Carefully set the container holder on its feet in the location where it will be used. The use location should be even, level and able to support the combined weight of the container holder and a full capacity load. Refer to your **Specifications** document; add the MAX CAPACITY figure and the APPROX WEIGHT figure to determine the combined weight.

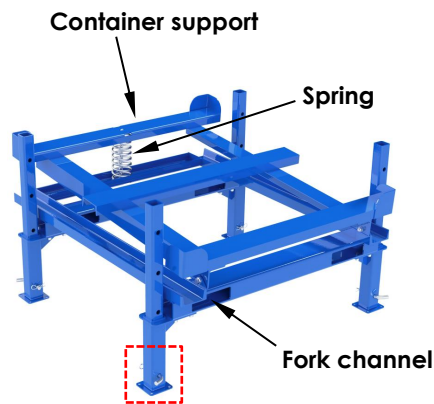
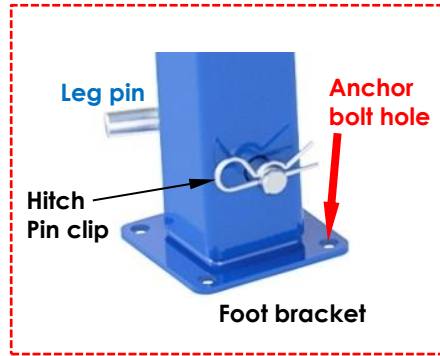
USING THE CONTAINER STAND

The stand is designed to support 275 gallon and 300 gallon intermediate bulk containers (ICB's). Before setting an IBC on the stand, anchor all 4 legs to the ground with 3/8" x 4" long anchor bolts. Install anchor bolts in all four **anchor bolt holes** of each **foot bracket** (16 bolts required).

Legs are adjustable in 6" increments (15.2cm). To adjust the height of the stand, first make sure that it is unloaded. If necessary, remove the IBC from the stand. Then, remove **hitch pin clips** and **leg pins**. Raise the stand to the desired height with your lift truck. Align pin holes in the legs with the pin holes in the leg receivers and reinstall the leg pins and hitch clips.

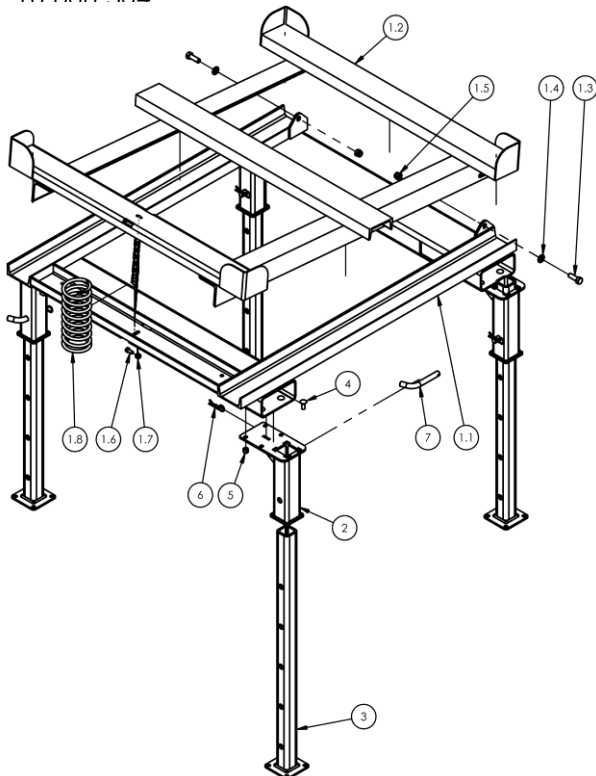
Place an IBC on the stand with the **drain (butterfly valve)** opposite the spring as shown in the diagrams to the right. The spring elevates the back side of the container support as the weight of the container decreases. Elevating the back side of the IBC causes its contents to flow towards the drain.

The stand can be transported via forklift. However, it should not be transport the stand while it is loaded. Remove the IBC from the stand. Remove all anchor bolts. Insert the forks into the (2) for pockets in the frame. Tilt the forklift mast toward the cab and slowly and carefully drive the stand to the offloading location.



IBC-TLT-FPL EXPLODED VIEW AND BILL OF MATERIALS

16-006-504



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	16-001-503	FINAL ASSEMBLY W/O SHIPPING	1
1.1	16-514-344	WELDMENT, FRAME SUB-ASSEMBLY	1
1.2	16-514-277	WELDMENT, UPPER FRAME	1
1.3	11209	1/2-13 X 1 1/2" LG HHCS - ASTM A307 GRADE A, ZINC PLATED	2
1.4	33011	FLAT WASHER, USS, PLAIN FINISH, Ø1/2"	2
1.5	37030	1/2"-13 NYLON INSERT LOCK NUT, GRADE 2	2
1.6	11053	Ø 5/16 - 18 x 3/4 LG HHCS #2 Z-PLATED, GRADE A	1
1.7	37021	NYLON INSERT LOCK NUT, GRADE 2, ZINC FINISH, 5/16"-18	1
1.8	16-146-005	SPRING, TILTING SPRING	1
2	16-514-345	WELDMENT, SUB-ASSEMBLY	4
3	16-514-346	WELDMENT, FRAME	4
4	21355	Ø3/8"-16 x 1" Zinc Finish Grade A Round Head Carriage Bolt	16
5	37024	NYLON INSERT LOCK NUT, GRADE 2, ZINC FINISH, 3/8"-16	16
6	45286	#11 HITCH PIN CLIP, Ø1/8" X 2 5/8 LG	4
7	99-112-030	PIN, LEG	4

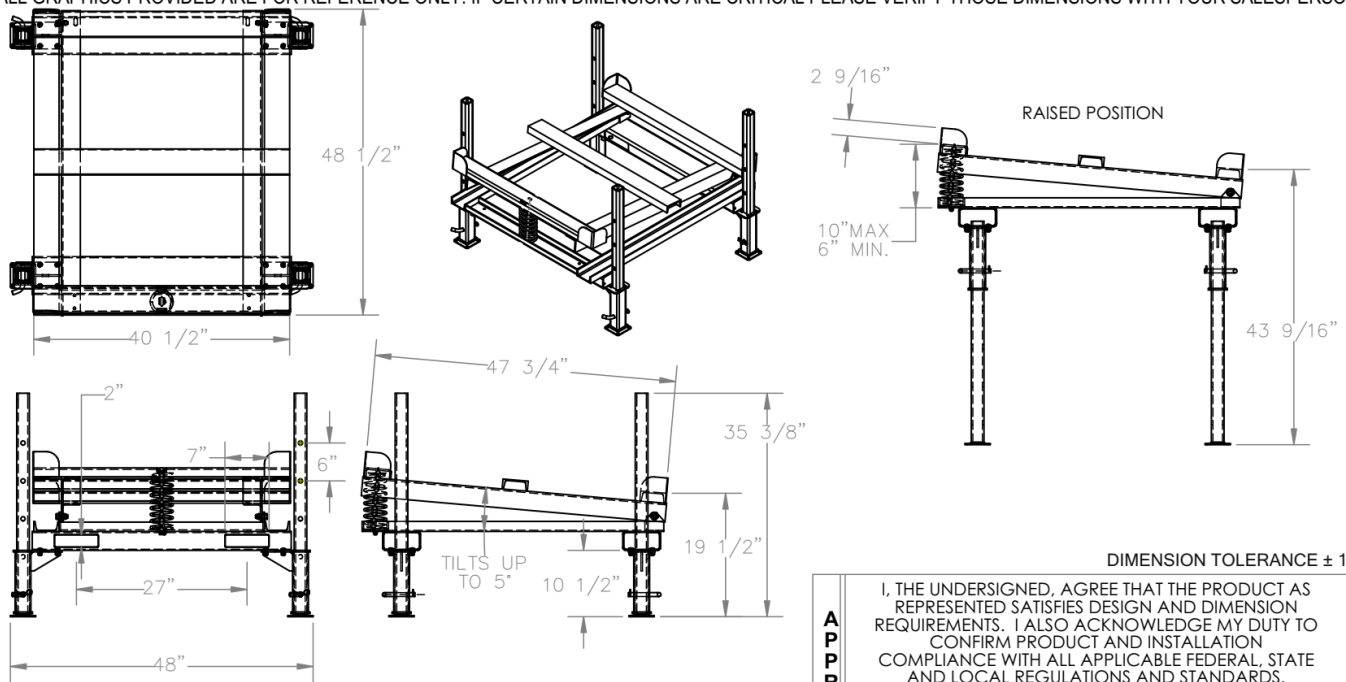
ADJUSTABLE IBC TILT STAND W/ FORK POCKETS - IBC-TLT-FPL

APPROX WEIGHT: 319.59 lbs.

DOES NOT INCLUDE WEIGHT OF POWER OR PACKAGING!!!

*** ANY ADDITIONS, DELETIONS, OR OMISSIONS MUST BE CORRECTED ON THIS DRAWING AS THIS DRAWING WILL BE CONSIDERED ALL INCLUSIVE ***

ALL GRAPHICS PROVIDED ARE FOR REFERENCE ONLY. IF CERTAIN DIMENSIONS ARE CRITICAL PLEASE VERIFY THOSE DIMENSIONS WITH YOUR SALESPERSON

DIMENSION TOLERANCE $\pm 1/4"$ **STANDARD FEATURES**

MODEL NUMBER IS: IBC-TLT-FPL
 MAX CAPACITY IS: 4,400 LBS
 OVERALL WIDTH IS: 48"
 USABLE WIDTH IS: 40 1/2"
 OVERALL LENGTH IS: 48 1/2"
 USABLE LENGTH IS: 47 3/4"
 HEIGHT ADJUSTMENT IN: 6" INCREMENTS
 2" HIGH X 7" WIDE FORK POCKETS ON 27" CENTERS
 TOUGH BAKED IN POWDER COATED BLUE FINISH

SPECIAL FEATURES

NONE

FEET MUST BE ANCHORED TO GROUND.

APPROVAL

I, THE UNDERSIGNED, AGREE THAT THE PRODUCT AS REPRESENTED SATISFIES DESIGN AND DIMENSION REQUIREMENTS. I ALSO ACKNOWLEDGE MY DUTY TO CONFIRM PRODUCT AND INSTALLATION COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND STANDARDS.

UNITS REQUIRING APPROVAL DRAWINGS OR MODIFIED ARE NON-RETURNABLE

[] As drawn [] As marked

Signed: _____ Date: _____

Printed Name: _____

LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING

DRAWN BY: JGP		DATE: 8/4/2020		P.O.# X
REFERENCE: X		SCALE: 1:20		W.O.# X
QUOTED LEAD TIME: X		QUOTE # X		SALES: X
				FILE NAME: 16-007-504

RECORD OF SATISFACTORY CONDITION (THE “RECORD”)

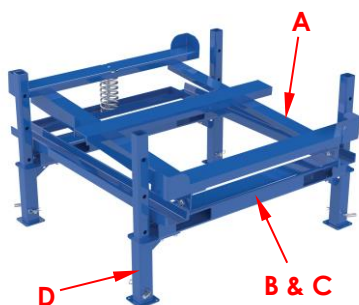
After the unit is installed, make a detailed record of its condition. Include observations about all features: pivot points, welds, the container support subassembly, spring, legs, leg receivers, pins and anchor bolts. Thoroughly photograph the unit from multiple angles so that all features are clearly imaged. Photograph all labels applied to the stand. Describe where each label is located. Collect all photographs and writings in a single file. This file is a record of the stand in satisfactory condition. Compare the results of each inspection to this *RECORD* to determine whether the unit is in satisfactory condition. Do not use the stand unless it is in satisfactory condition.

INSPECTING AND MAINTAINING THE STAND

Compare inspection results to your [RECORD](#). Do not continue to use the product unless every component is in [SATISFACTORY CONDITION](#). Cosmetic changes, like damaged paint/powder coat do not constitute changes from satisfactory condition. However, touchup paint should be applied to all affected areas as soon as damage occurs. Contact the [TECHNICAL SERVICE & PARTS DEPARTMENT](#) to order replacement parts. Contact information is provided on the cover page of this manual.

Inspect the following at least once per month:

1. Surfaces – Check all surfaces of the stand for dirt or other matter, especially fluids. Clean the surfaces of the stand with a mild soap and water solution and air dry.
2. Hardware, fasteners – Examine hardware & fasteners (anchor bolts and sleeves, bolts, nuts, pins, & clips). Replace damaged/worn hardware. Any time a lock nut is removed, it must be replaced with a new lock nut.
3. Spring – Check the spring for cracks and other damage. Remove debris.
4. Labels – Replace labels that are damaged, missing, or not easily readable from a reasonable distance. See [LABELING DIAGRAM](#).
5. Frame (all parts of the stand not listed in parts 1-4 above) – Examine the legs, leg receivers, and all other frame elements for wear, breaks, corrosion/rust, metal fatigue, and other forms of damage (e.g. impact damage). Examine the whole structure for rusting or metal erosion, rot, thinned regions. In particular, examine pivot points, legs and anchor brackets. If rusting is purely superficial, remove the rust/corrosion. Clean the affected area and apply touchup paint. If rusting, rot, or thinning has weakened the material, contact [TECHNICAL SERVICE](#) for advice.



A: Label 208 (apply to both sides)

⚠ WARNING	⚠ ADVERTENCIA	⚠ AVERTISSEMENT
KEEP CLEAR OF PINCH POINT	MANTENGASE ALEJADO DEL PUNTO DE CORTE	SE TENIR À DISTANCE DU POINT DE PINCEMENT

B: Label 1153

MODEL / MODELO / MODÈLE	
WEIGHT / PESO / MASS	
CAPACITY / CAPACIDAD / CAPACITÉ	
SERIAL / SERIE / SÉRIE	
UNITS: 2.2 lb. = 1kg 1" (or 1in.) = 2.54cm	
	1153

D: Label 1107 (on leg receivers)

Anchor to Floor

C: Label 1049

⚠ WARNING
<p>Improper use of this fork attachment might result in death or serious injury.</p> <ul style="list-style-type: none"> Using this front end attachment affects lift truck center of gravity. Before using this fork attachment, US Federal regulation 29 CFR 1910.178 requires you to contact the manufacturer of your lift truck and request: <ol style="list-style-type: none"> Written approval [29 CFR 1910.178(a)(4)] Markings for (fork) lift truck that: <ul style="list-style-type: none"> Identify the attachment; Give approximate weight of truck and attachment at maximum elevation with laterally-centered load. [29 CFR 1910.178(a)(5)]. DO NOT use UNTIL lift truck is marked with corrected capacity tags.