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CJ-BEAM Trailer Stabilizing Jacks Instruction Manual



Receiving instructions:

After delivery, remove the packaging from the product. Then, inspect the product closely to determine whether it sustained damage during transport. **If damage is discovered, 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 end-user.

2) VESTIL is **not responsible** for injury or property damage that results from failure to apply either instructions in this manual, or information provided on product labels.

Table of Contents:

Signal Words.....	2
Safe Use Recommendations.....	2
Specifications.....	3
FIG. 1: Exploded parts diagram & bill of materials.....	4
Using the jack.....	4
Installation of optional foam-filled wheels.....	5
Inspections & Maintenance.....	6
Labeling Diagram.....	6
Limited Warranty.....	7

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:



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.

Safe Use Recommendations:

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



Improper or careless use of this product might result in death or serious personal injury.

- ***Failure to read and understand the entire manual before assembling, using or servicing the product constitutes misuse.***
- Read the manual to refresh your understanding of proper use and maintenance procedures whenever necessary.
- DO NOT attempt to resolve any issue with the product unless you are both qualified to do so and certify that it will be safe to use afterwards. Improperly maintained jacks might become unsafe to use.
- DO NOT perform maintenance on a loaded jack. Remove the jack from use before
- DO NOT modify the product in any way. Unauthorized modifications automatically void the Limited Warranty (see p. 7) and might make the jack unsafe to use.
- DO NOT exceed the capacity of your jack. Capacity information appears in the “Specifications” section on page 3 of this manual as well as on label 287 (see “Labeling diagram” on p. 6).
- Inspect the product before each use. Check the jack for damaged frame members and welds, corrosion, or severe wear. Remove the product from service if damage is discovered. DO NOT use the product until it is fully restored to normal condition. ONLY use manufacturer-approved replacement parts. If the jack cannot be restored to normal condition, permanently remove it from service, i.e. DO NOT use a damaged jack.
- Before installing a jack beneath a semitrailer confirm that: 1) The trailer is parked on an even, level concrete surface to prevent the landing gear and jack(s) from sinking into the ground; 2) The trailer is entirely supported by its landing gear; 3) The wheels of the trailer are immobilized to resist creep or roll; 4) The underside of the trailer is structurally sound, especially where it will contact the jack; and 5) The net weight of the trailer and load is within the load ratings of your jack.
- ONLY use the jack on compacted surfaces (concrete or asphalt) that are level and even. The jack cannot stabilize trailers parked on uneven or sloped ground.
- ONLY use this jack to stabilize the front end of a fully supported trailer. DO NOT use this jack to support trailers! The trailer must be completely supported by its landing gear.
- DO NOT use this device UNLESS all labels are in place, readable, and undamaged. (See “Labeling Diagram” on p. 6).

Specifications:

Dimensions and other specifications for each CJ-BEAM model jack appear in the diagrams below.

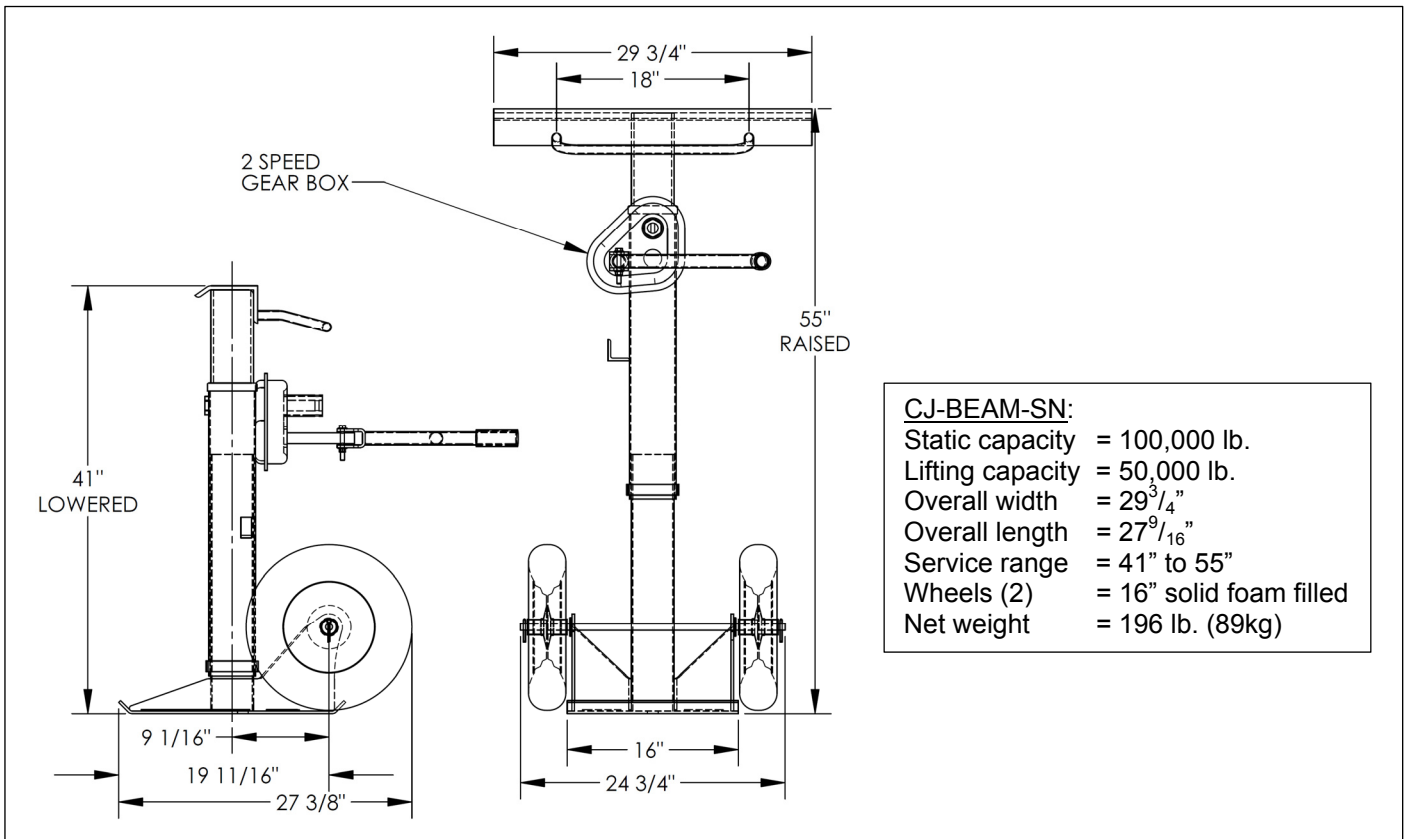
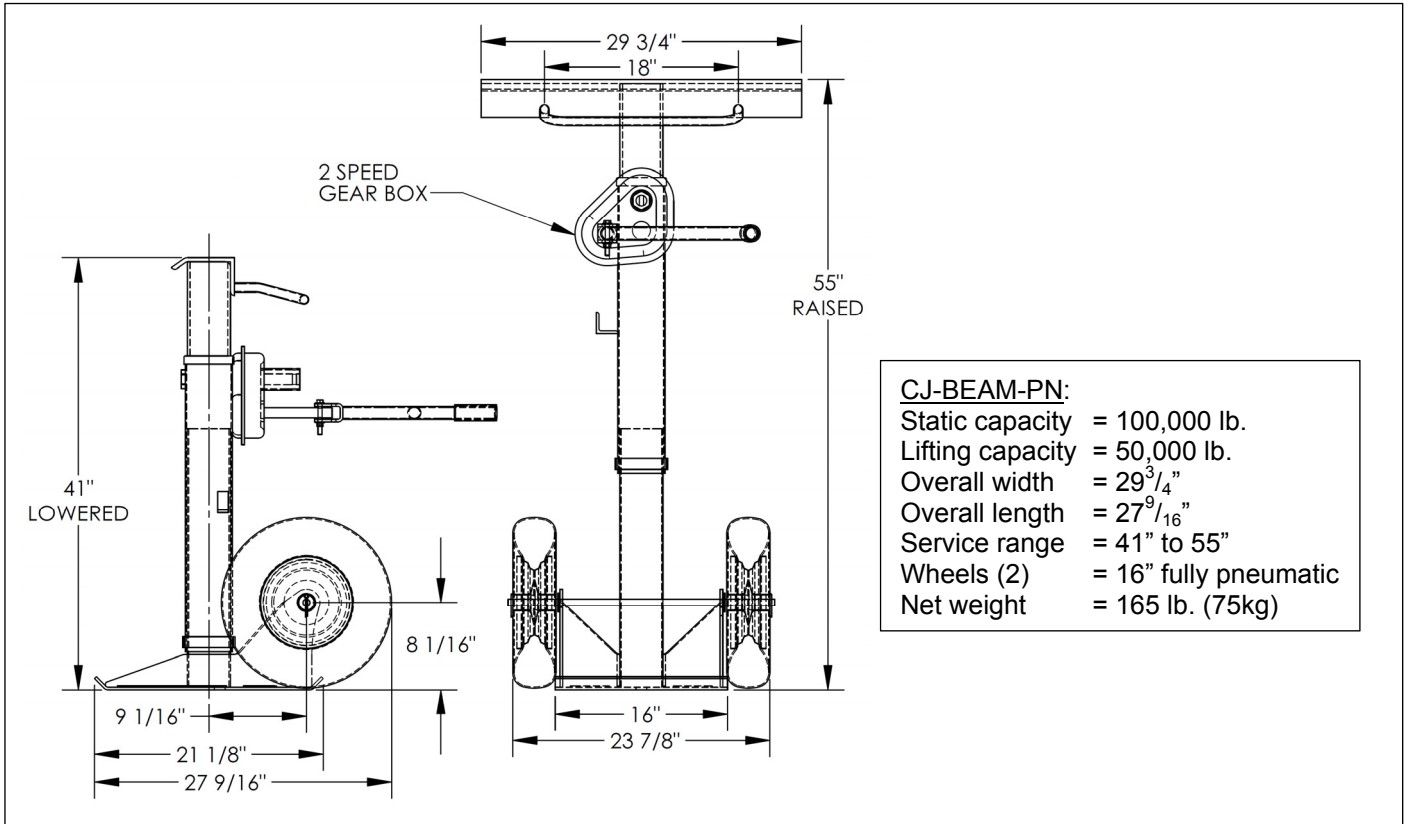
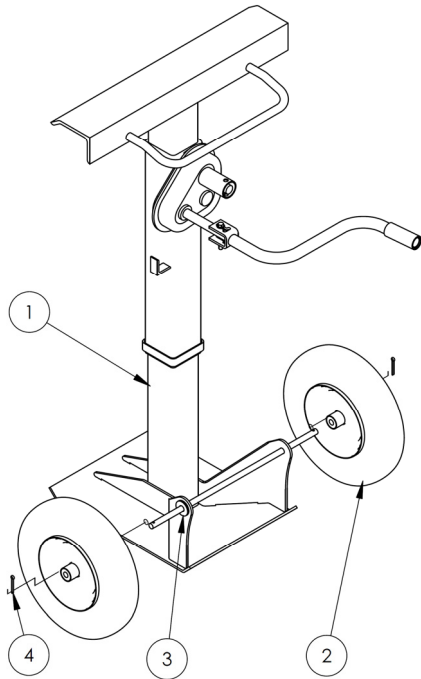


FIG. 1: Exploded parts diagram and bill of materials



Item	Part no.	Description	Quantity
1	13-514-055	Weldment, frame	1
2	16-132-126	Tire: CJ-BEAM-PN: Pneumatic, 4" x 16"	2
	16-132-246	CJ-BEAM-SN: Foam filled, 4" x 16"	2
3	33016	Flat washer, low carbon, USS, zinc plated, 5/8"	4
4	65127	Cotter pin, zinc plated, 3/16" x 2"	2

Using the jack:

This jack should only be used to help stabilize a trailer with intact landing gear. The trailer must be parked on a flat, concrete surface. The landing gear provides support for the trailer. One or more jacks can be used to stabilize the trailer.

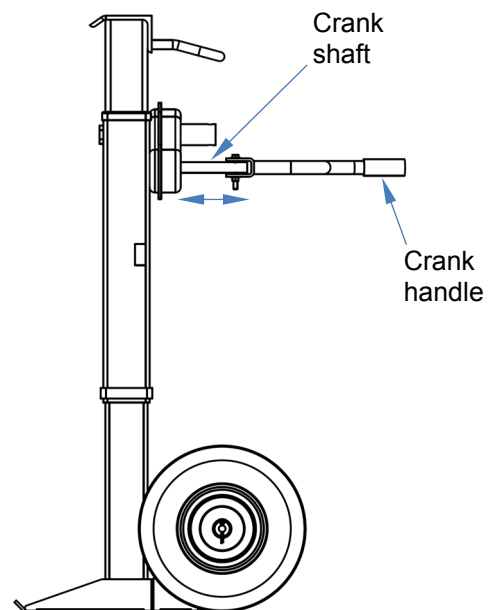
The load rating is displayed on the information label applied to the side of the jack (see Label 233, 234, or 265, "Labeling diagram" on p. 6). Two ratings appear on the label: 1) "Static rating" which indicates how much weight the jack will stabilize (NOT SUPPORT); 2) "Lifting" which is the amount of weight the screw mechanism of the jack can lift.

Tip the jack onto its wheels and roll it under the hitch end of the trailer. If only 1 jack is necessary, position the jack along the (lengthwise) center line of the trailer. If 2 jacks are necessary, position a jack under each front corner of the trailer.

NOTE: Jacks should *also* be placed under each rear corner of the trailer if the distance from the rear axle to the back end of the trailer is more than 1/4 of the overall trailer length.

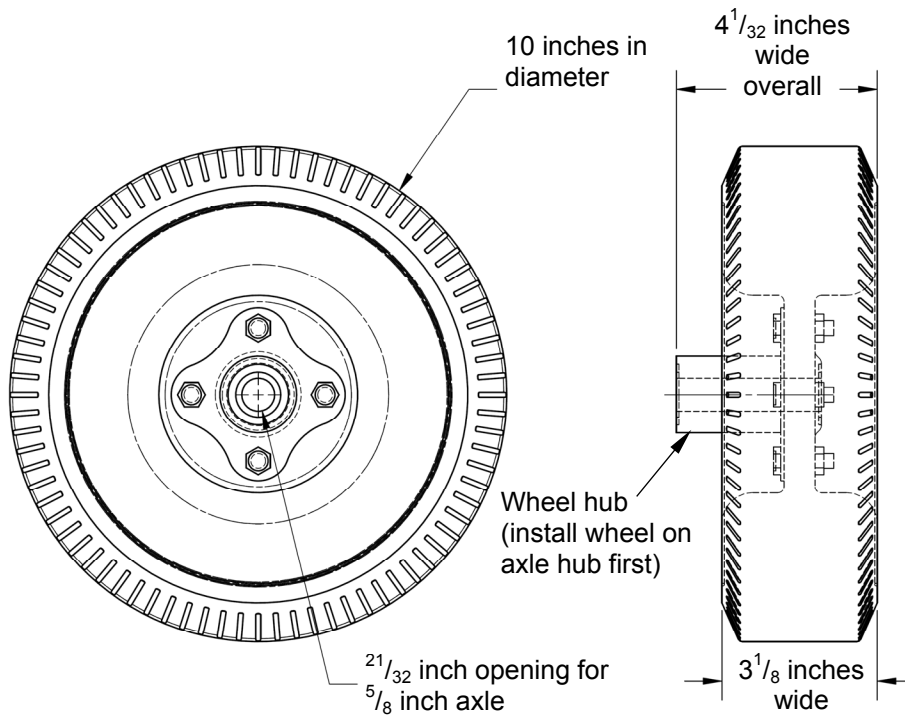
Adjust the height of the jack to bring the top cap into firm engagement with the underside of the trailer frame. Do not raise the jack any higher than necessary because the landing gear must always maintain solid contact with the ground in order to provide support for the front end of the trailer. To adjust the height of the jack, simply turn the crank handle clockwise. CJ-BEAM model jacks have 2 raising/lowering speeds. To operate in high speed mode, pull the crank handle toward you to extend the crank shaft. To operate in low speed mode, push in the crank shaft.

Remove all jacks *before* hitching the trailer to a tractor. To remove a jack, simply rotate the crank handle counterclockwise until the top of the jack is no longer in contact with the underside of the trailer. Grasp the handle, tip the jack onto its wheels, and roll the jack out from underneath the trailer.



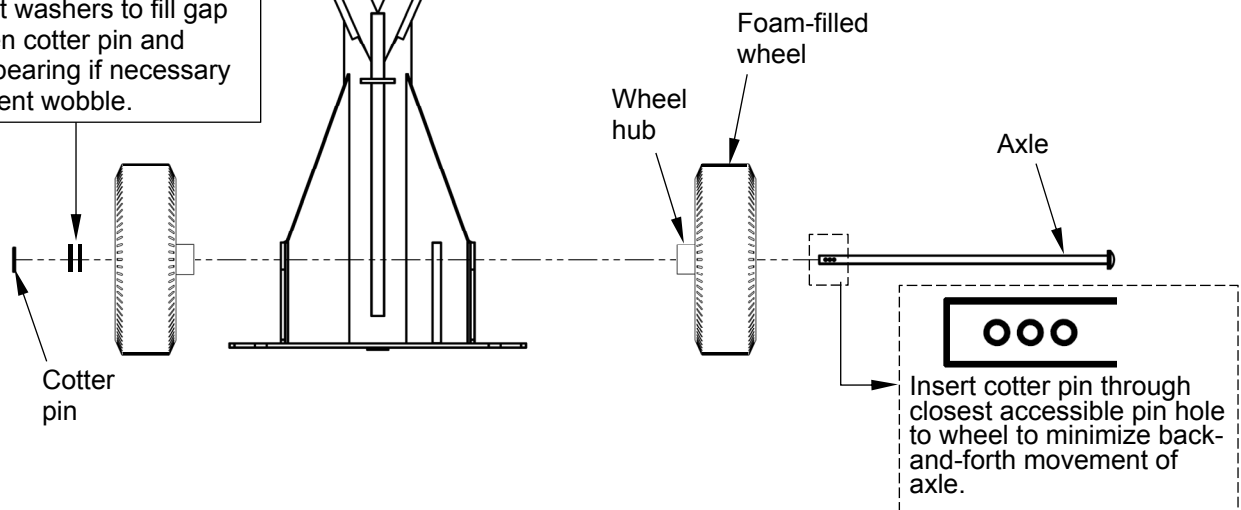
Installation of optional foam-filled wheels (JACK-UFBL-KIT-REL)

To properly install optional foam-filled wheels, the hubs must face each other as shown in the diagram below.



Model SP-TOP-BEAM shown

NOTE: Wheel should not wobble on axle. Use $\frac{1}{2}$ inch flat washers to fill gap between cotter pin and wheel bearing if necessary to prevent wobble.



Inspections & Maintenance:

Regular inspections and maintenance are essential to keep this product in normal operating condition. If damage is discovered during an inspection, do not return the jack to service until it is fully restored to normal condition.

Before using/installing a jack beneath a trailer,

Step 1: Tag the unit, "Out of Service."

Step 2: Inspect the following:

- Base, top cap, middle segment: examine for visible damage such as cracks, warps, broken welds, signs of metal fatigue. Make sure that the top cap is rigidly welded to its post.
- Crank mechanism (gear hub, crank shaft, and crank handle): Raise and lower the top cap in both speed modes. Confirm normal operation.
- Handle grips (if applicable): check each grip for looseness and damage. If a grip is loose, remove it, apply adhesive to the inside of a grip, and reinstall it. Let the adhesive fully cure before moving the jack.
- Labels: the jack should be labeled at all times as shown in the "Labeling Diagram" below. Replace labels that are damaged, faded, or not easily readable.
- Wheels, axle, and wheel bearings: inspect each component for looseness, severe wear, and damage in general.

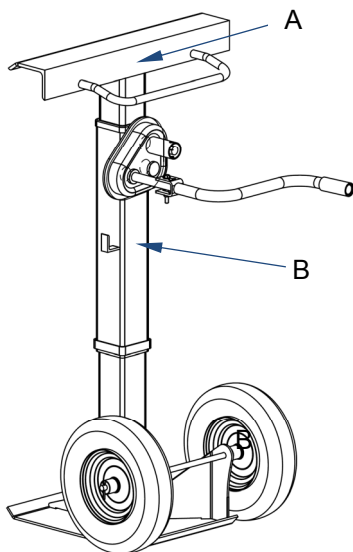
Step 3: Remove debris from all jack surfaces.

Step 4: Perform all other necessary adjustments and repairs. Use only manufacturer-approved replacement parts. DO NOT modify the jack, i.e. never alter the jack from its original configuration.

Step 5: Make a dated record of all repairs, adjustments, and replacements.

Labeling diagram:

The jack should be labeled at all times as shown in the diagram below. Periodically clean the labels to maintain legibility. Replace any label that is damaged and/or not easily readable.



A: Label 252

B: Label 265

WARNING	
Material handling is inherently dangerous. Improper or careless use might result in serious personal injury or death. To reduce the likelihood of injury or death:	
<ul style="list-style-type: none"> • Retain a copy of owner's manual for as long as jack is used. Refresh your understanding of jack operation before using it by reading manual. • DO NOT use jack to support trailers. This jack is designed to stabilize trailers suspended by landing gear. • Jack will not stabilize trailers parked on uneven or sloped ground. ONLY park trailers on flat, even ground. 	
ADVERTENCIA	
El manejo del material es inherentemente peligroso. El mal uso o descuido podría resultar en serios daños al personal o muerte. Para reducir la posibilidad del mal uso o muerte:	
<ul style="list-style-type: none"> • Mantenga una copia del manual del propietario durante tanto tiempo como se use el gato. Refresque su comprensión de la operación del uso del gato antes de usarlo leyendo el manual. • No use el gato para soportar remolques. Este gato está diseñado para estabilizar remolques suspendidos por el soporte de freno. • El gato no estabilizará remolques aparcados a niveles desiguales o en pendientes. Solo aparque los remolques en suelos planos y a nivel. 	
AVERTISSEMENT	
La manipulation est intrinsèquement dangereuse. L'utilisation incorrecte ou inélicite pourrait causer une blessure ou la mort. Pour réduire la probabilité d'un événement incorrecte:	
<ul style="list-style-type: none"> • Garder une copie du guide d'utilisation aussi longtemps que le véhicule soit utilisé. Rafraîchir votre compréhension de l'opération du cric avant de l'utiliser en relisant le guide d'utilisation. • NE PAS utiliser le cric pour le soutien de remorques. Ce cric est conçu pour stabiliser les remorques avec les boudins de pontage. • Le véhicule ne stabilisera pas les remorques sur un terrain rugueux ou sur une pente. Ouvrez SEULEMENT les remorques sur un terrain plat. 	
TRAILER STABILIZING JACK GATO ESTABILIZADOR DE TRAILER CRIC STABILISATEUR POUR REMORQUE	
STATIC CAPACITY: 100,000 lbs.	LIFTING CAPACITY: 50,000 lbs.
CAPACIDAD ESTÁTICA: 45,359 kg.	CAPACIDAD DE ELEVACIÓN: 22,680 kg.
<p>1. Spot trailer and set dolly wheels. Do not place jacks before disconnecting trailer. Situe el trailer y coloque las ruedas (no coloque los gatos estabilizadores antes de haber desconectado el trailer). Repérer les véhicules et placer le cric(s) à l'arrière. Ne pas placer les crics avant de déconnecter le remorqueur.</p>	<p>2. Chock wheels. Place jacks under outer end of trailer. Anegre las ruedas. Ponga los gatos estabilizadores debajo de la esquina exterior del trailer. 2. Coler les roues. Placer les crics sous le devant de la remorque.</p>
<p>3. Adjust jacks so top plate is firmly set under landing or frame of trailer. Ajuste el gato estabilizador de modo que la placa superior se ajuste firmemente en el pasador o bajo el bastidor del trailer. Ajuster les crics de façon à ce que la plaque supérieure repose sous le pivot central ou le châssis de la remorque.</p>	<p>4. Remove jacks before driving tractor back under trailer. Retire los gatos estabilizadores antes de retroceder el camión bajo el trailer. Retirer les crics avant de reculer le tracteur sous la remorque.</p>
365 rev 0414	
<p>THE UNITED STATES FEDERAL (OSHA) LAW REGARDING THE REQUIREMENTS FOR USE OF STABILIZING JACKS ON SEMITRAILERS MAY BE FOUND IN 29 CFR 1910.178 (K) (3) & 29 CFR 1910.244.</p> <p>LA LEY FEDERAL DE ESTADOS UNIDOS (OSHA) REFERENTE A LOS REQUISITOS PARA EL USO DE GATOS ESTABILIZADORES EN SEMIREMOLQUES SE ENCUENTRA EN 29 CFR 1910.178 (K) (3) & 29 CFR 1910.244.</p> <p>LA LOI FÉDÉRALE CONCERNANT LES EXIGENCES (OSHA) POUR L'UTILISATION DE CRICS SUR SEMI-REMORQUES PEUT ÊTRE TROUVÉE DANS LA SECTION 29 CFR 1910.178 (K) (3) & 29 CFR 1910.244.</p>	

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 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
Vestil Manufacturing Corporation
2999 North Wayne Street, PO Box 507
Angola, IN 46703

Fax
(260) 665-1339
Phone
(260) 665-7586

Email
sales@vestil.com

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 dynamic components is 30 days. For wearing parts, the warranty period is 30 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 environments;
- Inadequate or improper maintenance;
- Damage sustained during shipping;
- Collisions or other incidental contacts causing damage to 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 the terms of this Limited Warranty.

