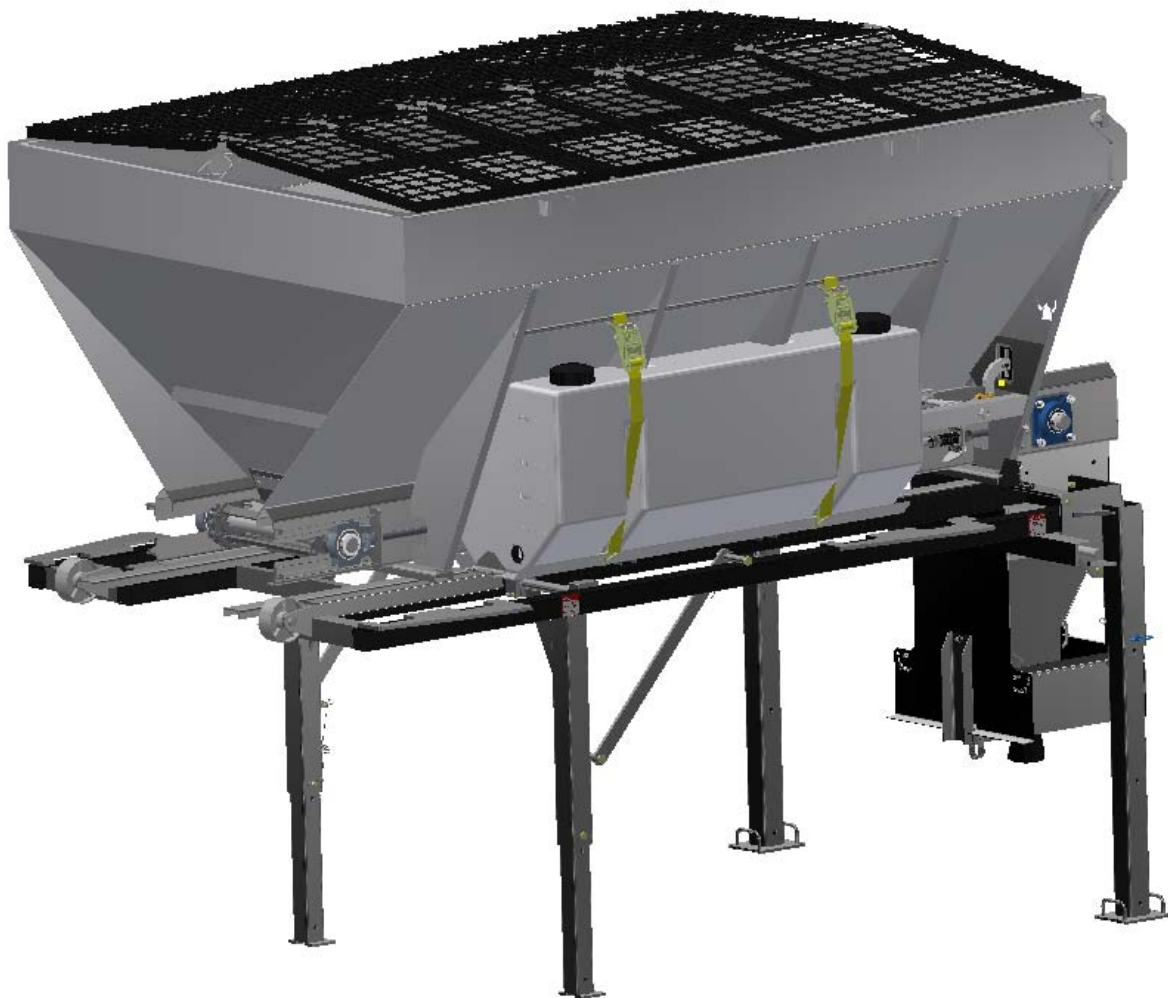




22956 Highway 61 Morley, MO 63767 Phone: (573) 262-3545 Fax: (573) 262-3369

Owners Manual

Galvanized Spreader Stand





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***** LIMITED WARRANTY *****

Viking - Cives Midwest, Inc. warrants products of its manufacture against defects in workmanship and material for a period of one year from date of shipment to customer; and in consequence of this warranty, any component part or parts of such products proving defective within the above specified time will be repaired or replaced F.O.B. factory, providing such parts are returned, transportation prepaid, to the factory and found defective by **Viking - Cives Midwest, Inc.** This warranty will not apply to any product which shall have been repaired or altered outside of the **Viking - Cives Midwest, Inc.** factory in any way so as, in **Viking - Cives Midwest, Inc.** sole judgment, to affect its stability or reliability, nor which has been subjected to misuse, negligence or accident.

The obligations of **Viking - Cives Midwest, Inc.** under this limited warranty are limited to the replacement of defective parts as set forth above; such obligations are exclusive and in lieu of all other remedies, warranties, guarantees or liabilities, express or implied, with respect to each product delivered hereunder, arising by law or otherwise (including without limitation any obligation or liability of **Viking - Cives Midwest, Inc.**, arising from negligence or with respect to fitness for a particular purpose, merchantability, loss or use, revenue or profit, or any incidental, indirect, special or consequential damages or injuries; and all other remedies, warranties, guarantees, or liabilities are hereby expressly excluded and disclaimed. This limited warranty shall not be extended, altered, or varied except by a written instrument signed by **Viking - Cives Midwest, Inc.**

Viking - Cives Midwest, Inc. assumes no responsibility for engines, electrical equipment, or any other equipment and accessories not manufactured by **Viking - Cives Midwest, Inc.**

ORDERING PARTS

Delays and errors can be eliminated when ordering instructions are followed correctly.

1. Place orders direct with Viking - Cives Midwest, Inc. / nearest dealer.
2. State Company name, address, and postal zip code.
3. Give the exact model and serial number of the equipment/unit (stamped on the unit identification plate.)
4. Furnish part number, description and quantities required. *Note: An alpha designation in the Item ID column indicates a sub-component for that parent item. When placing parts orders reference the parent item to receive a complete assembly. Individual items can be ordered separately if required by ordering the alpha designated item number.*
5. Print or type order clearly. **Note: A purchase order is required for the warranty parts.**
6. Give specific shipping instructions.

VIKING - CIVES MIDWEST, INC. – 22956 Hwy 61 Morley, MO 63767
(573) 262-3545 Phone; (573) 262-3369 Fax



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WARRANTY REQUEST PROCEDURE

All repairs considered for warranty that are performed outside of Viking - Cives Midwest, Inc.; require prior written authorization from Viking - Cives Midwest, Inc. Failure to obtain written warranty authorization prior to repairs may result in the rejection of the warranty claim. To obtain warranty consideration one must provide Viking - Cives Midwest, Inc. with all required unit information including date of manufacture and serial numbers. In most cases this information is easily obtained from the "Shipped Unit Tag" (located in most cases inside the driver's side door) and/or individual unit serial tag.

(A) To obtain Parts Warranty Consideration:

- (1) Contact Viking - Cives Midwest, Inc. customer service to obtain a Return Goods Authorization (RGA) number. Any product arriving at Viking - Cives Midwest, Inc. without a RGA number will be rejected and returned to the sender at his or her own expense.
- (2) Goods are to be shipped prepaid to Viking - Cives Midwest, Inc. 22956 Highway 61 Morley, MO 63767. **All items should be clearly marked with the appropriate RGA number.**
- (3) When a replacement item is shipped to replace a defective part for warranty consideration the following additional steps will occur:
 - a) A Purchase order must be received for the replacement parts.
 - b) An invoice will be generated for the value of the replacement item(s).
 - c) The defective part(s) must be returned (prepaid) to Viking - Cives Midwest, Inc.
 - d) Upon receiving the defective part(s) Viking - Cives Midwest, Inc. will issue and process a Discrepant Material Report (DMR). Once the evaluation of the DMR report is complete and the parts are deemed warranty, a credit will be issued against the outstanding invoice. **If the part(s) are deemed Non-warranty the invoice will remain outstanding to be paid to Viking - Cives Midwest, Inc.** Any part(s) to be returned to the customer will be at his or her own expense.

(B) To obtain Labor Parts Repair Warranty Consideration:

In the event that repairs are required outside of Viking - Cives Midwest, Inc. facility that may be considered for warranty the following steps must occur. **Notification of Viking - Cives Midwest, Inc. customer service must take place prior to the start of any repairs.**

- (1) Contact Viking - Cives Midwest, Inc. customer service to obtain a Warranty Claim Form (WCF) and warranty authorization number.
- (2) Fill out all required WCF information and fax or mail the completed form to Viking - Cives Midwest, Inc., attention Customer Service Department.
- (3) Once the WCF report has been reviewed warranty authorization will be granted or denied. **NOTE: Viking - Cives Midwest, Inc. warranty labor rates will apply unless specifically determined otherwise.** Any part(s) involved in a WCF request must follow the Parts Warranty Consideration procedures.

For Customer Service and/or Parts requests please contact:

Parts Department – DeWayne Stroder (573) 262-3545; (573) 262-3369 fax



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PERIODIC MAINTENANCE INSPECTION
DAILY INSPECTION AND LUBRICATION

Daily inspection along with periodic preventive maintenance will reduce the chance of any major repairs and down time during equipment use.

1. Check all components for loose and/or missing fasteners, if required tighten and/or replace.
2. At the beginning of each shift review all lighting accessories to ensure proper working conditions, immediately replace any broken or non-functioning bulbs and/or lenses.
3. Visually inspect all hydraulic connections and hoses for cracks and/or leaks. Rupturing hoses may produce a high-pressure stream of hot hydraulic oil.
4. Check all cables and chains for excessive wear or damage.
5. Visually inspect all grease points to ensure correct amount of grease is present in order to reduce risk of ceasing of parts.
6. At the beginning of each shift visually inspect all caution and warning decals. All decals should be complete and legible. If decals are not legible, clean them. If cleaning the decals does not make them legible, install new decals.



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GENERAL OPERATING INSTRUCTIONS

1. The operator should familiarize himself with all equipment prior to operation. The in-cab controls are placed at a comfortable reach of the operator, with an allowable amount of adjustment. If necessary, the controls can be adjusted for either driver or passenger use.
2. See cab control layout. All levers are clearly marked as to the equipment/function they control.
3. To raise the plow or wing, pull back on the appropriate control level, to lower the plow or wing, push the control level forward. **NOTE:** The in cab controls are proportional to the hydraulic valve, therefore the further the control lever is moved the faster the plow or wing will raise or lower.
4. Before putting any equipment into use, check for any worn, damaged or loose components, if necessary repair or replace. Listen for any unusual sounds, if necessary repair and/or replace worn or damaged parts.
5. Before operating any equipment be sure to read and fully understand all caution and safety warnings. Familiarize yourself and others with all caution/warning labels and their locations. Make sure all labels are complete and legible. Replace any labels that have become unreadable and/or missing. Replacement labels can be purchased directly from Viking-Cives Midwest, Inc.

REGISTRATION OF EQUIPMENT AND WARRANTY INFORMATION

Before using equipment check for damage. Report any damage to equipment at once to Viking-Cives Midwest, Inc. The warranty period becomes effective upon date of delivery of equipment unless other arrangements have been made with a Viking-Cives Midwest, Inc. distributor or Viking-Cives Midwest, Inc. The information required to register the equipment may be found on the serial number tag secured to the equipment.

A WORD ABOUT SAFETY

The equipment described in this manual is normally being operated in winter conditions with bad weather and snow & ice conditions. Due to these adverse operating conditions it is important that you the operator use good safety practices at all times to protect yourself, co-workers, and others when using the equipment.

It is not practical or possible to warn you about all the hazards associated with the operation and maintenance of this equipment. You use your own good judgment supplemented with the information found on the safety decals, instructions in this manual, your employer's safety programs, safety codes, local, state/provincial, and federal laws, rules and regulations.

When operating/performing maintenance on this equipment, trouble shooting equipment operations and loading or unloading the sanders/spreaders with material observe and obey all safety decals on the equipment and warnings listed in the manual. Failure to do this could result in serious injury or death to you or others.

Remember at all times that as the operator you are responsible for the safe operation of this equipment and responsible for the safety of others. Good safety practices not only protect you but also protect the people around you.



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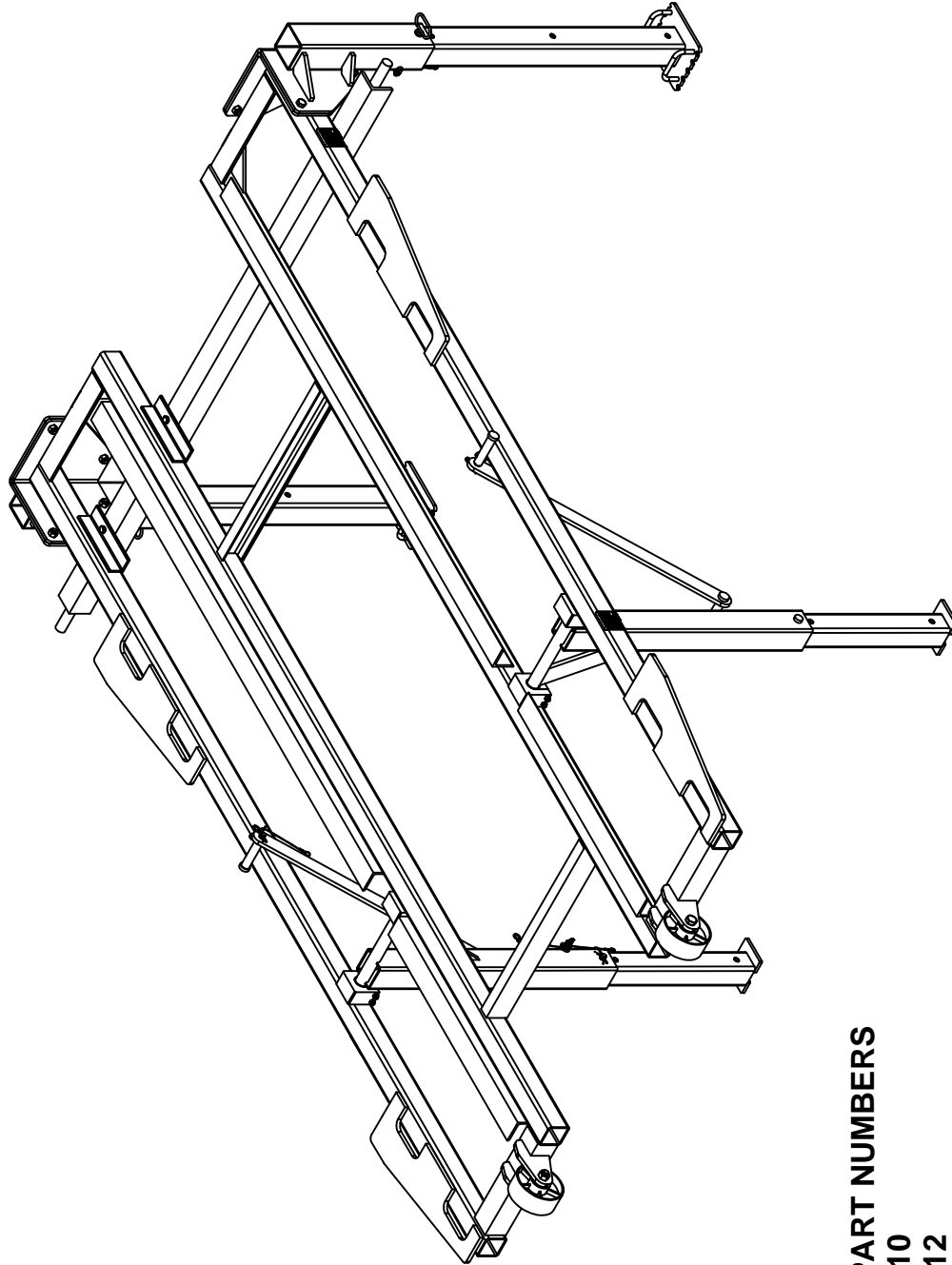
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GALVANIZED SPREADER STAND ASSEMBLIES

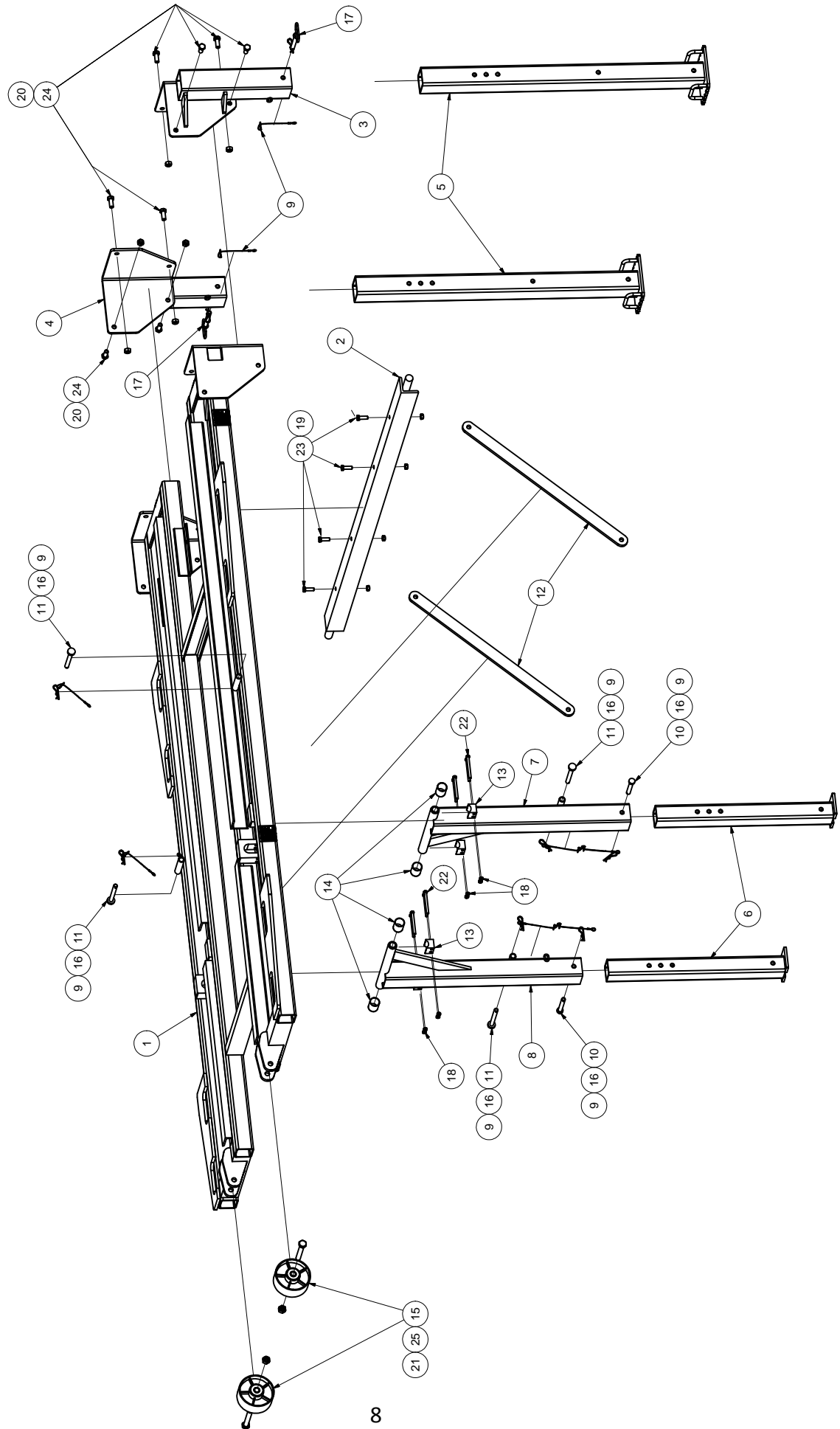


COMPLETE ASSEMBLY PART NUMBERS

- 10' - 21301010
- 12' - 21301012
- 13' - 21301008
- 15' - 21301007
- 16' - 21301011

VIKING CIVES MIDWEST

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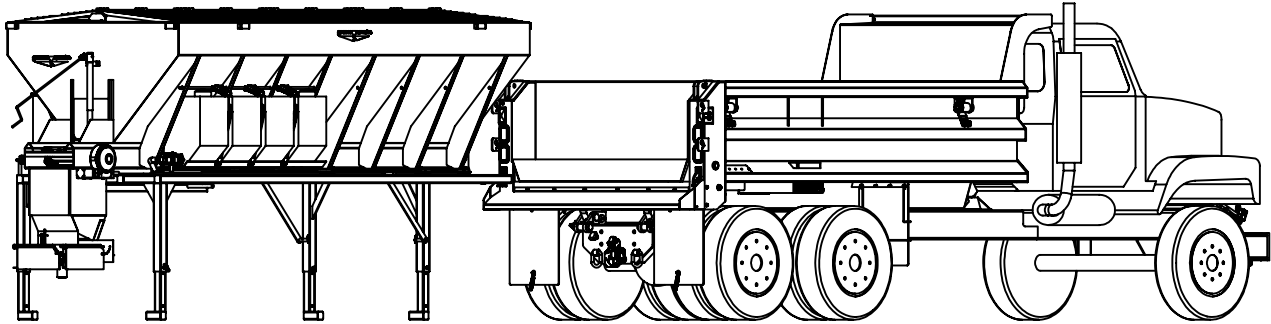
EQUIPMENT MAY NOT BE EXACTLY AS SHOWN. SOME COMPONENTS MAY BE OPTIONAL. TO MAINTAIN OUR ON-GOING PRODUCT AND DEVELOPMENT IMPROVEMENT PROGRAM, VIKING-CIVES RESERVES THE RIGHT TO CHANGE EQUIPMENT & SPECIFICATION WITHOUT NOTICE.



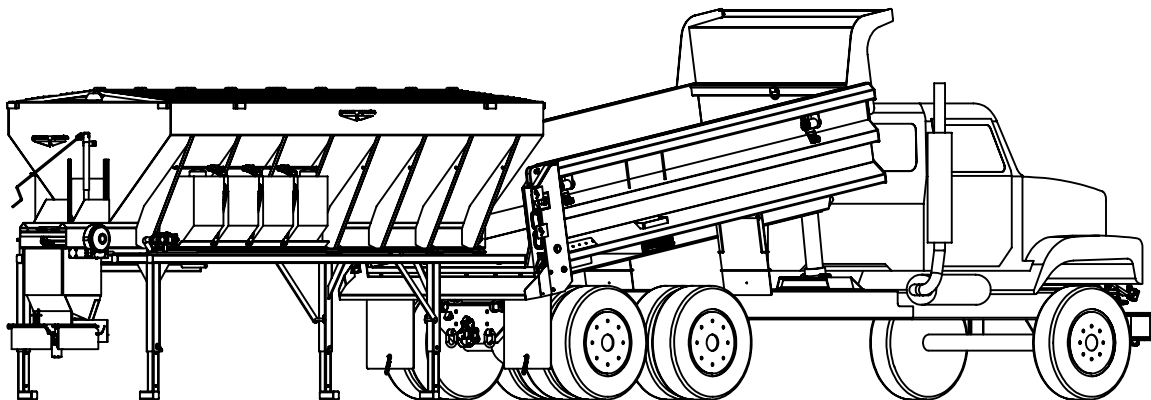
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SPREADER STAND PARTS LIST

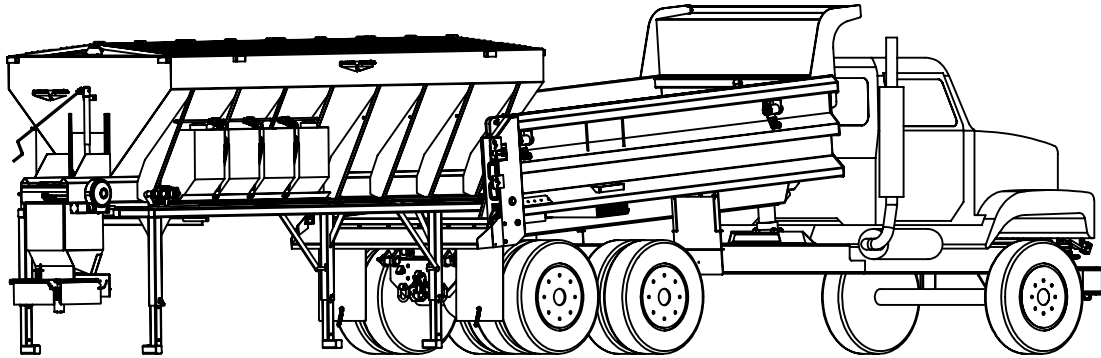
ITEM	DRAWING NO.	ALT. ITEM NO.	DESCRIPTION	QTY
1	21303040		10' SPREADER STAND WELDMENT	1
	21303042		12' SPREADER STAND WELDMENT	1
	21303036		13' SPREADER STAND WELDMENT	1
	21303033		15' SPREADER STAND WELDMENT	1
	21303041		16' SPREADER STAND WELDMENT	1
2	21303031		TAILGATE LATCH BAR WELDMENT	1
3	21303034		DRVS SIDE UPPER REAR BOLT-ON LEG WELD'T	1
4	21303035		PASS SIDE UPPER REAR BOLT-ON LEG WELD'T	1
5	21326074		TELESCOPIC REAR LEG INNER TUBE WELD'T	2
6	21326075		TELESCOPIC FRONT LEG INNER TUBE WELD'T	2
7	21326078		DS SWIVEL FRONT LEG WELDMENT	1
8	21326079		PS SWIVEL FRONT LEG WELDMENT	1
9	00402059		LANYARD GAC 1/16 - 12IN.	8
10	21309001		FRONT LEG PIN	2
11	21309003		FRONT LEG BRACE PIN	4
12	21310021		COLLAPSIBLE LEG BRACE	2
13	21318002		HORIZONTAL KEEPER BLOCK LOWER PART	4
14	21330001		IGLIDE J BUSHING	4
15	43040063		6" CAST WHEEL	2
16	HW13L-0438	80536B	COTTER HAIRPIN 1/8 X 2 3/8 ZINC	6
17	HW13L-1032	66107	5/8 x 4 1/4 HITCH PIN W COTTER PIN BUYERS	2
18	HW30E-06		NUT HEX 3/8 UNC TOPLOCK ZINC	8
19	HW30E-08		NUT HEX 1/2 UNC TOP LOCK ZINC	4
20	HW30E-10		NUT HEX 5/8 UNC TOPLOCK ZINC	8
21	HW30E-12		NUT HEX 3/4 UNC TOPLOCK ZINC	2
22	HW40A-0632		BOLT HEX 3/8 X 4 UNC ZINC	8
23	HW40A-0812		BOLT HEX 1/2" X 1 1/2" UNC ZINC	4
24	HW40A-1012	81072	BOLT HEX 5/8 X 1 1/2 UNC ZINC	8
25	HW40A-1240	81066D	BOLT HEX 3/4 X 5 UNC ZINC	2



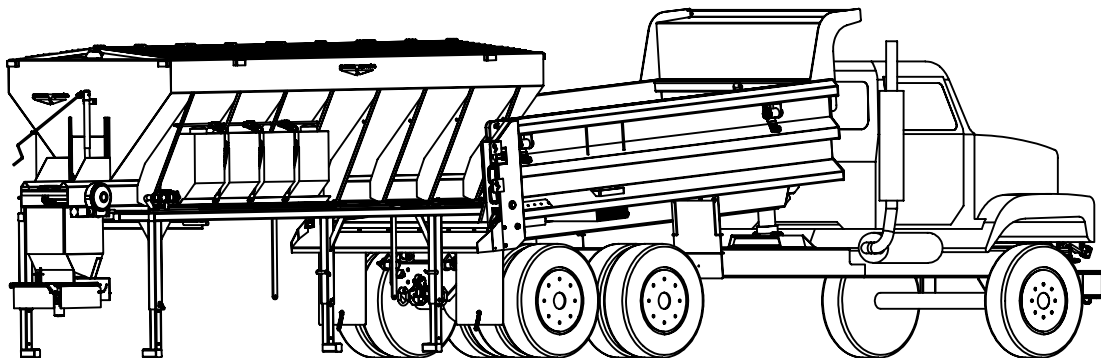
STEP 1: Remove and safely store dump body tailgate. Leave tailgate latches open. Ensure that spreader is securely bolted down to the spreader stand, and that the spreader stand legs are properly pinned. Spreader must be completely empty.



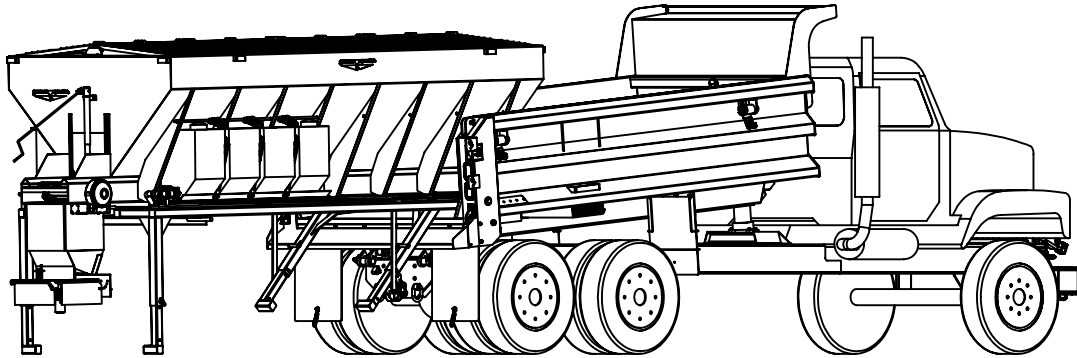
STEP 2: Raise the dump body approximately three to four feet, causing the rear of the bed to be slightly lower than the leading edge casters. This allows the spreader stand to properly roll into the dump body. Slowly reverse truck until spreader stand casters are in contact with dump body floor.



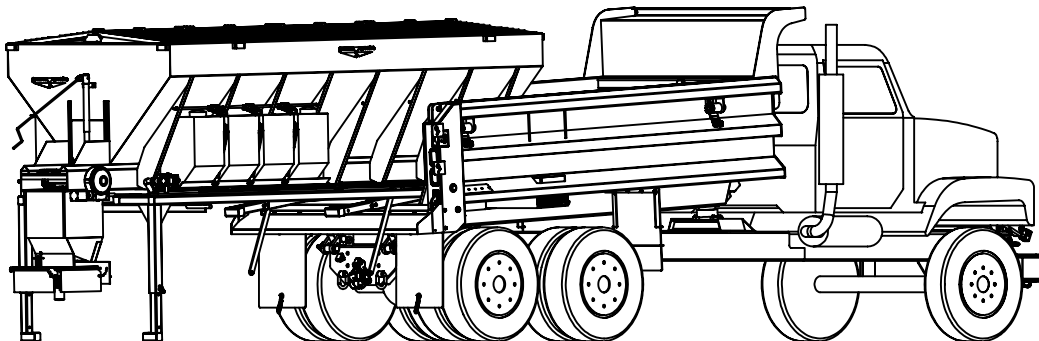
STEP 3: Continue to slowly reverse truck until front spreader stand legs are lifted off of the ground. Ensure that the weight on the front legs of the spreader stand is fully transferred to the floor of the dump body.



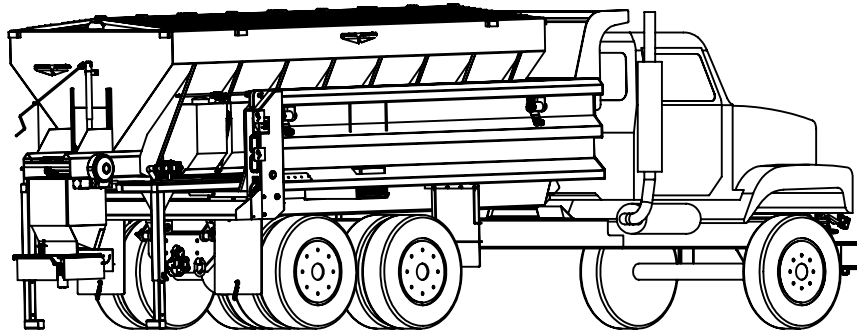
STEP 4: Remove lower pins of front leg supports. Allow front legs and support braces to swing freely. Reinsert removed pins into leg retaining tubes once support braces are detached from front legs, allowing for easy access during removal process.



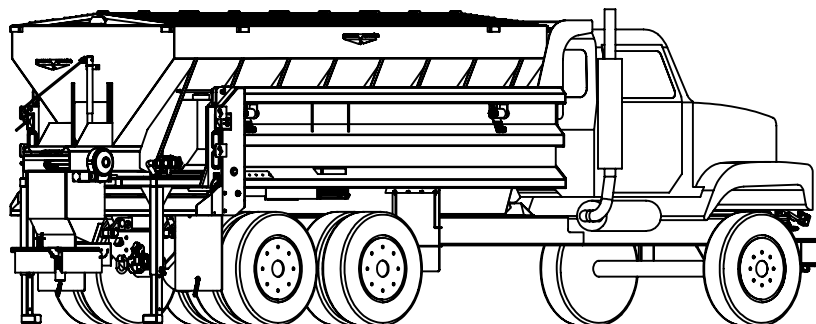
STEP 5: With legs hanging loosely, slowly reverse truck, causing legs to swing up into storage position inside the dump body. While reversing truck, gradually lower dump body.



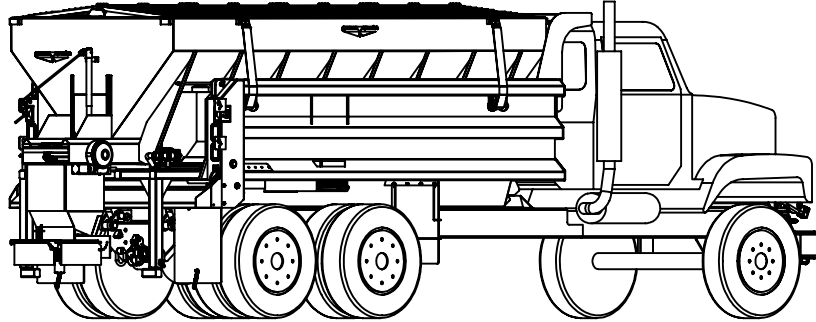
STEP 6: Continue reversing truck, gradually lowering dump body as the spreader stand rolls into the truck. Leg braces will swing into truck.



STEP 7: Continue to lower dump body to its resting position as truck approaches rear of spreader stand, allowing for spreader stand locking bar to properly hook into dump body latch.



STEP 8: Slowly reverse truck until spreader stand locking bar is properly latched. Close dump body latches and ensure that spreader stand is secured in truck.



STEP 9: Once dump body is completely lowered, rear legs will be clear of the ground. Unpin and telescope rear legs up to their highest position and securely repin legs. Use dump body ratcheting straps to further secure spreader and spreader stand. Hook up any hydraulic and electric connections required for normal operation of spreader.

NOTE:

Unloading of spreader stand is accomplished by reversing the loading procedure. Before removal of spreader stand from truck, ensure that all connections are removed to prevent unnecessary damage, and that no material remains in spreader. Rear legs should be unpinned and lowered to their unstowed position. Ensure that all legs and braces are securely pinned before load is transferred from dump body to front spreader stand legs during unloading process.



