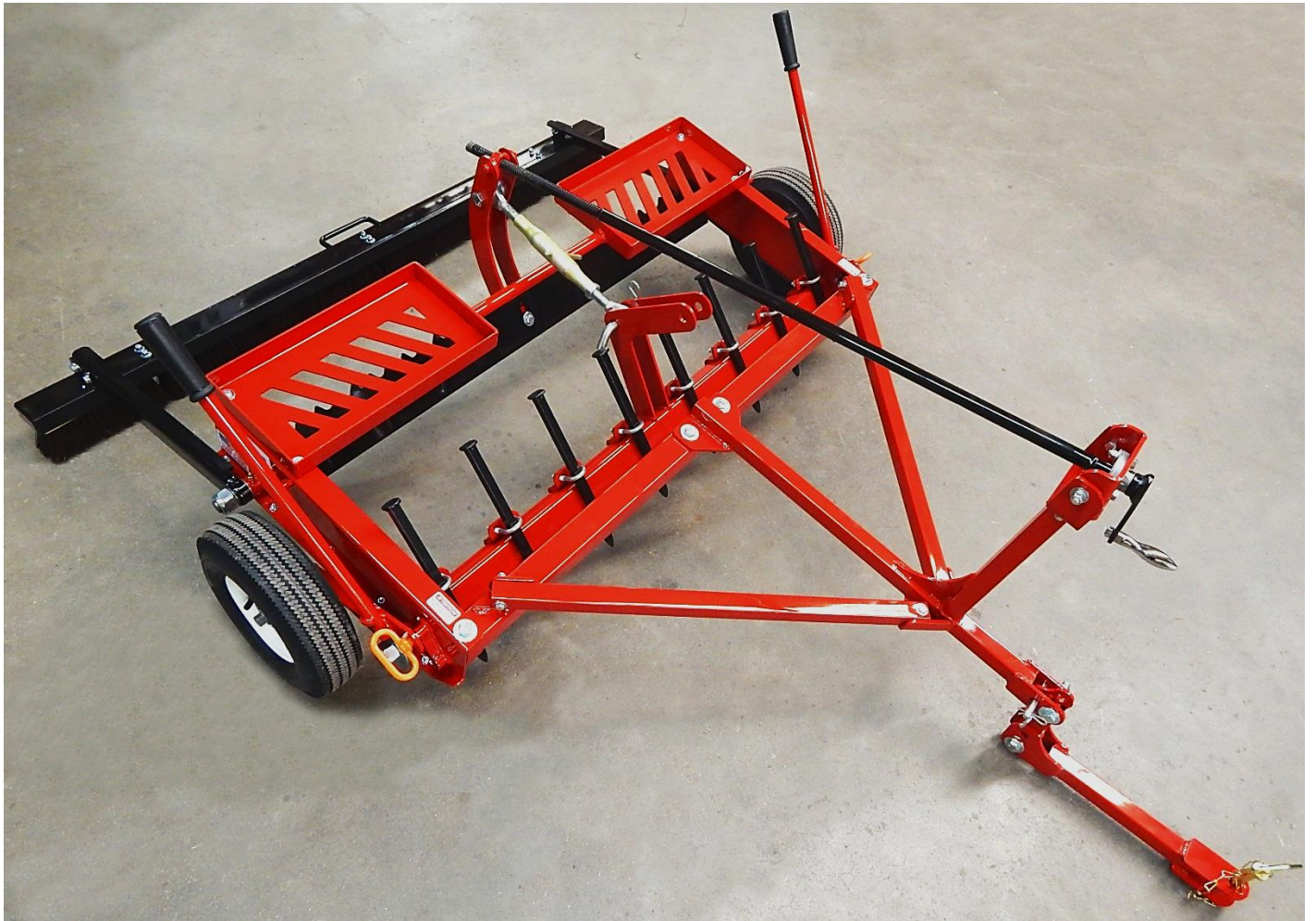


Dirt Medic™

Product Manual



1700 Jasper St. Unit F, Aurora, CO 80011 T 800.624.6706 F 303.364.7796 • Newstripe.com

Dirt Medic™ Manual / 3315.0622

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Thank you! For your purchase of the Newstripe Dirt Medic™ Infield Drag & Groomer.

Please read over the instructions and make sure you understand operating procedures before using the unit.

Please check the serial number on your unit. This manual is for units with serial number 10015597 and above only. For units with serial numbers below 10015596, please contact Newstripe for the correct manual.



Dirt Medic™

ALWAYS wear safety goggles or protective eye-wear when operating the unit!



PRECAUTIONARY WARNING!

- Please read and understand all operation instructions as detailed in this manual. Failure to follow specified instructions may result in equipment damage or serious injury to personnel up to and including death!
- Always consult your Facility Safety and/or Personnel Department for specified safety protocols prior to operating this equipment.
- Make sure the wheel arm detent pins are fully engaged in the frame holes or serious damage to the groomer and operator can occur.
- The unit will move when raising and lowering the wheels if not attached to a tow vehicle.
- Wheel lift arms can move quickly with great force when raising the wheels (lowering the unit) and when the unit is attached to a tow vehicle.

Do not exceed 15 MPH when the unit is attached to a vehicle



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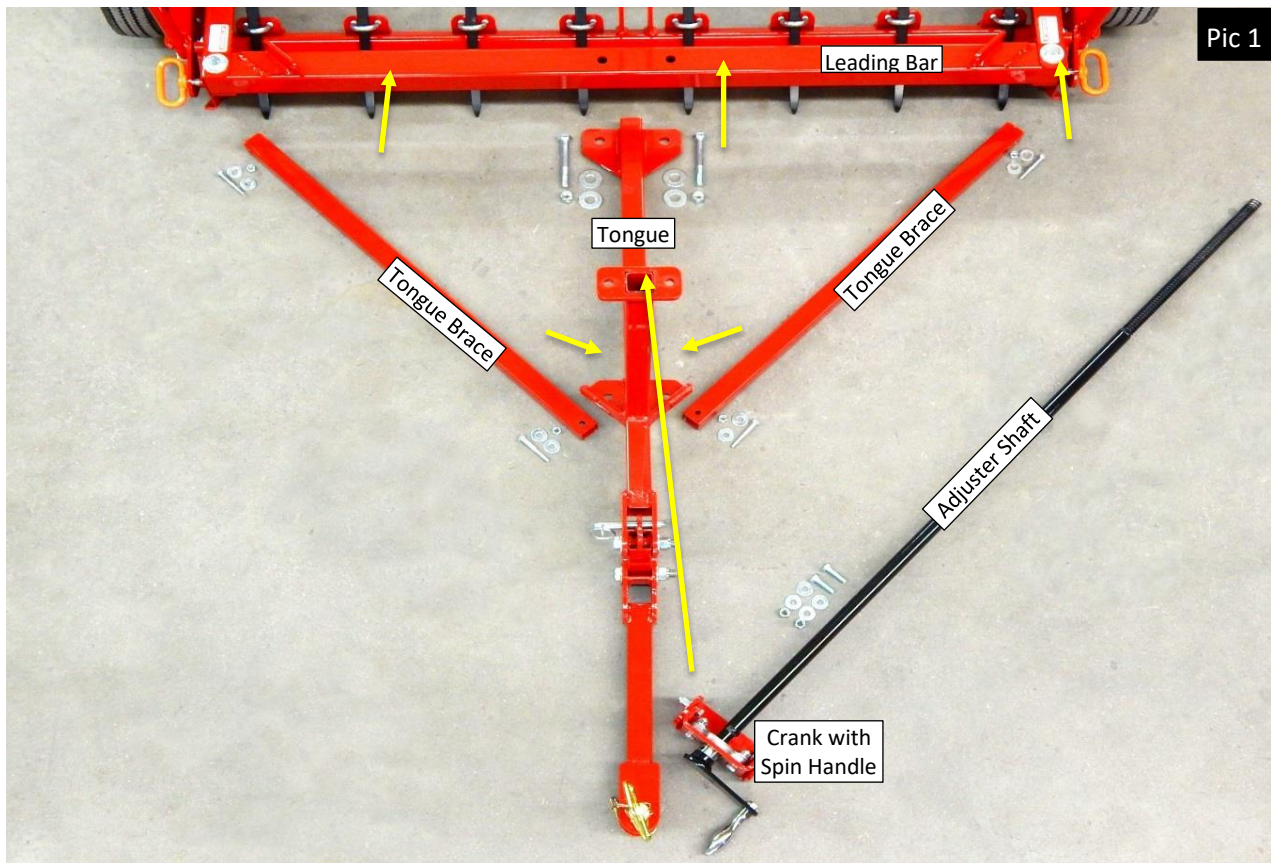
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ASSEMBLY

The Dirt Medic is shipped with the front tongue assembly removed. You will need various sockets and wrenches for assembly.

1. Remove all shipping ties securing the unit to the pallet.
2. Remove the box containing the tongue, adjuster shaft, crank, and hardware.
3. To assemble the hitch, attach the tongue assembly with two 1/2" bolts, four 1/2" flat washers, and two 1/2" locking nuts to the center of the leading bar. Hand tighten only. (Pic 1)
4. Place one tongue brace on each side of the tongue. Install each tongue brace between the tongue and leading bar with two 5/16" bolts, four 5/16" flat washers, and two 5/16" locking nuts. Hand tighten only. (Pic 1)
5. Securely tighten all six bolts, washers, and locking nuts. (Pic 1)
6. Install the chrome handle on the crank at the end of the adjuster shaft with the 3/8" locking nut.
7. Thread the adjuster shaft into the adjuster nut on the blade bar arms and then secure the yoke at the crank end of adjuster shaft to the tongue post with two 3/8" bolts, four 3/8" flat washers, and two 3/8" locking nuts. (Pic 1 & 2)
8. Connect the adjustable link (connected to the blade bar) to the harrow bar arms with the hitch pin in the harrow bar. (Pic 3)

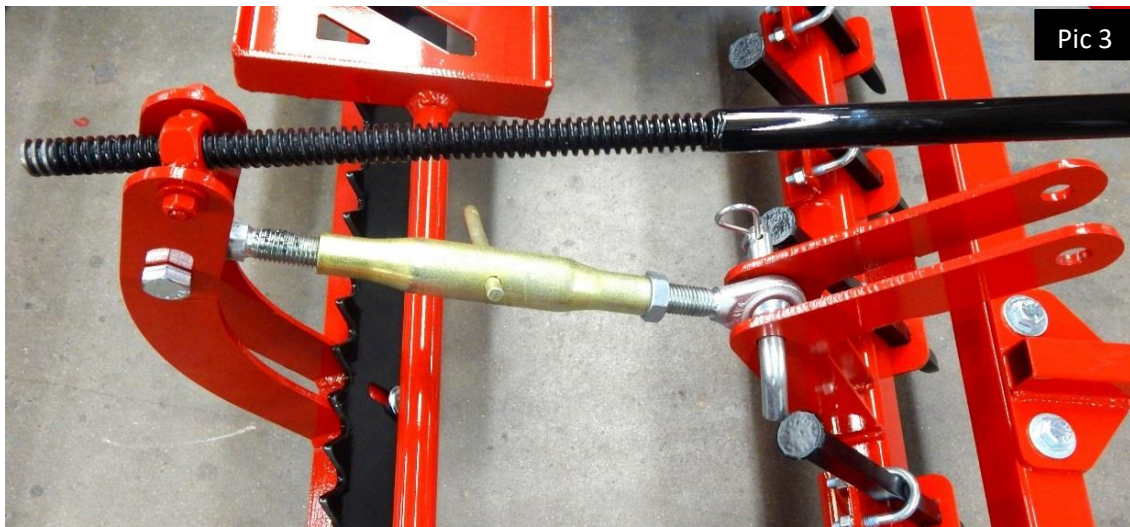


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NOTE: The unit may be left on the pallet to install the tongue assembly. After installing, you may then lower the rear wheels to remove the unit from the pallet.

LOWERING THE WHEELS TO RAISE THE UNIT FOR TOWING

1. With the brush in the down position, step to one side of the unit and pull the wheel arm detent pin out until it clears the frame.
2. Rotate the wheel arm back and down to lower the wheel and raise the unit. Push the wheel arm pin into the top hole in the side of the frame (tow position). Repeat this procedure on other side and then lift the brush up to the stowed position. (Pic 4)

ATTACHING THE UNIT TO A VEHICLE

1. Remove the hitch pin that is used to lock the tongue link and tongue to the tongue nose for towing.
2. Raise tongue while rotating the tongue link up and forward and then replace the hitch pin to lock the tongue in the tow position. (Pic 4)
3. Attach the tongue to the vehicle hitch plate with the tongue nose hitch pin.
4. Lower the rear wheels per above instructions. You may now tow the unit to the field.



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RAISING THE WHEELS TO LOWER THE UNIT FOR OPERATION

1. With the brush in the down position, step to one side of the unit, pull the wheel arm detent pin out until it clears the frame.
2. Rotate the wheel arm forward and up to raise the wheels and lower the unit. Push the wheel arm detent pin into lower hole in the side of the frame (grooming position). Repeat this procedure on the other side.

OPERATION

1. Remove the hitch pin that is used to lock the tongue link and tongue to the tongue nose for towing.
2. Lower the tongue while rotating the tongue link back and down. Generally when you are grooming, the tongue should be unlocked so that it can float. The tongue may also be locked in the down position if desired. When the tongue is set to float, you may stow the hitch pin in the unused upper hole at the rear of the tongue nose bar, until it is needed.



Grooming Position



Towing Position

CUTTING DEPTHS AND HEIGHT ADJUSTMENTS

The Dirt Medic has been designed so that the scraper blade and harrow spike bar may be adjusted together or independently to allow for different surface and soil conditions. Adjusting the scraper blade bar will also regulate the cutting depth of the harrow spike bar.

Additional weight may be added to the ballast box for deeper cutting in hard soil. Some experimentation will be needed to achieve the correct results for your particular soil and application.

ADJUSTING THE HARROW SPIKE BAR AND THE SCRAPER BLADE BAR

1. Rotate the crank handle on the tongue to adjust the height and angle of the harrow spike and scraper blade bar together.
2. If you wish to change the relative angle between the scraper blade and harrow spikes, adjust the link between the two. (Pic 3)
3. If you wish to use the scraper blade, but not the harrow, remove the hitch pin that connects the adjustable link to the harrow bar (rear/bottom hole). Rotate the harrow spikes up and the reconnect the adjustable link to the harrow in the front/upper hole with the hitch pin.
4. The harrow spikes can be individually adjusted up or down, by loosening one nut on the U clamp attaching each spike to the harrow bar.



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5. The scraper blade bar is reversible for either scarifying or planning. To reverse the bar, remove the bolts attaching the blade to the blade bar. Flip the blade over and re-attach to the blade bar.

AFTER USING

1. Raise the tongue while rotating the tongue link up and forward and then replace the hitch pin to lock the tongue in the tow position. (Pic 4)
2. With the brush in the down position, step to one side of the unit and pull the wheel arm detent pin out until it clears the frame.
3. Rotate the wheel arm back and down to lower the wheel and raise the unit. Push the wheel arm pin into the top hole in the side of the frame (tow position). Repeat this procedure on other side and then lift the brush up to the stowed position.
4. You may now safely tow the unit.

MAINTENANCE

ITEM	CHECK	MAINTENANCE ACTION
Harrow Bar	Weekly	Grease the bearings on the ends of the harrow bar.
Harrow Spikes	Monthly	Adjust the spikes down as needed when they become worn.
Scraper Blade Bar	Weekly	Grease the bearings on the ends of the scraper blade bar.
Wheel Arms	Monthly	Use dry lubricant to coat the wheel arm detent pins. Check the air pressure in the tires and grease the wheel bearings.
Finishing Brush	Weekly	Grease the bearings on the ends of the brush arms, at the blade bar.
	Monthly	Replace the brush segments if they are worn out.
Adjuster Shaft	Weekly	Coat the threaded area with dry lubricant.



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PARTS LIST

<u>Item Number</u>	<u>Description</u>	<u>Part Number</u>
1	410/350 x 6 Wheel Assembly, 2 Required	10000129
2	Right Wheel Arm	10002614
3	Left Wheel Arm	10002613
4	Wheel Arm Detent Pin, 2 Required	10002554
5	Ballast Box	10002607
6	Scraper Blade Bar	10004683
7	Scraper Blade	10002604
8	Harrow Spike, 8 Required	10002315
9	Harrow Spike Bar	10004650
10	Harrow Spike Brackets, 8 Required	10004649
11	U-Bolts with Nuts, 8 Required	10002342
12	Leading Bar	10002602
13	Tongue Hitch Pin, ½" Class 2	10000314
14	Split Ring (For Above Tongue Hitch Pin)	10002567
15	Tongue Nose Hitch Pin, ½" x 4" with Chain & Lynch Pin	10002565
16	Adjustable Link	10002552
17	Hitch Pin, 5/8" Class 3	10000315
18	Adjuster Shaft	10004125
19	Adjuster Shaft Nut	10004126
20	Tongue Nose	10002587
21	Tongue	10002589
22	Tongue Brace, 2 Required	10002591
23	Tongue Yoke	10002590
24	Tongue Link	10002588
25	Hand Crank	10002615
26	Hand Crank Spin Handle	10002551
27	Adjuster Shaft Bearing	10003131
28	Right Side Plate	10004682
29	Left Side Plate	10004681
30	Skid Pads, 2 Required (Not Shown)	10002583
31	Brush Retainer	10004686
32	Brush Arm, Left	10004684
33	Brush Arm, Right	10004685
34	18" Outside Brush Segment, 2 Required	10001934
35	24" Center Brush Segment	10001935

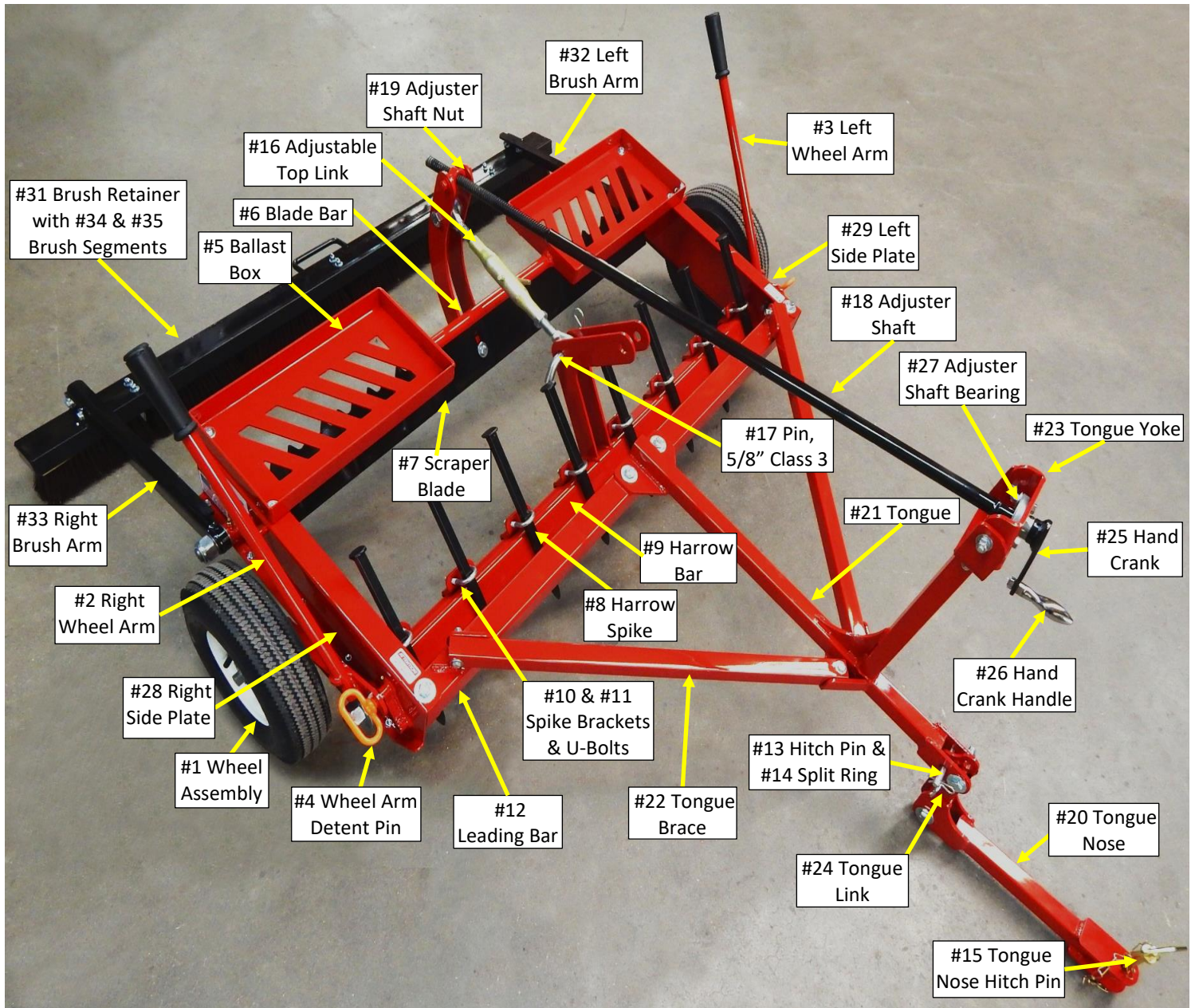


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THE NEWSTRIPE WARRANTY – 18 MONTH

NEWSTRIPE, INC., WARRANTS TO THE ORIGINAL PURCHASER, FOR 18 (EIGHTEEN) MONTHS AFTER DATE OF PURCHASE, THAT THE EQUIPMENT* HEREBY SOLD SHALL BE FREE OF DEFECTS IN MATERIALS AND WORKMANSHIP. THIS WARRANTY DOES NOT EXTEND TO ANY DAMAGE OR MALFUNCTION RESULTING FROM MISUSE, NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, OR NORMAL WEAR AND TEAR.

Damage incurred in shipment from Newstripe, Inc. to the customer is the total responsibility of the carrier. The CUSTOMER MUST NOTE DAMAGES on the Bill of Lading of Trucking Company or Railroad; and Newstripe, Inc. will furnish to the customer the cost of parts and labor. The customer can then bill the common carrier for the damages by placing his signature on the documents.

The Newstripe, Inc. obligation under this warranty and any implied warranties is limited to replacement or repair of defective parts of its manufacture without charge for 18 (EIGHTEEN) months from date of purchase. For service under this warranty, buyer shall ship the defective part or parts of the equipment, transportation prepaid, to Newstripe, Inc. together with a written description of any claimed defect and proof of purchase date of the materials being returned. **Prior to retuning any part or machine, the CUSTOMER must obtain a Return Materials Authorization number. Call 1-800-624-6706. To review the complete guidelines for warranty and returns, please visit www.newstripe.com/terms-of-use-privacy-policy.**

***Components not manufactured by Newstripe, Inc. such as engines, compressors, pumps, and transaxles are furnished with their respective manufacturer's warranties only. Where Newstripe elects to extend manufacturers' warranties, the warranty shall cover up to 100% of the cost to repair or replace materials and parts for the first 12 months of ownership, excluding labor. Extension of any manufacturers' warranty for these components is at the sole discretion of Newstripe, Inc. and does not include wearable parts and consumable components from normal wear and tear.**

The responsibilities described above are the only responsibilities of Newstripe, Inc. under this written warranty or any implied warranty, and may be exercised only within 18 (EIGHTEEN) months from the date of purchase. In no event shall Newstripe, Inc. be liable for incidental or consequential damages and no person had any authority to bind it to any representation or warranty, not be responsible for work done, materials furnished or repairs made by others without its' specific written authorization.

THIS WARRANTY SHALL BE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE IS NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND WITH RESPECT TO THE GOODS SOLD HEREBY EXCEPT AS SET FORTH HEREIN. IT IS EXPRESSLY AGREED THAT THIS WARRANTY SHALL BE LIMITED TO THE ADJUSTMENT, REPAIR OR REPLACEMENT OF PARTS AND THE LABOR AND SERVICES REQUIRED THEREBY. IN NO EVENT, INCLUDING ANY CLAIM FOR NEGLIGENCE, SHALL NEWSTRIPE, INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Sincerely,
Newstripe, Inc



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