



Product Manual

DirtMedic™ Infield Drag & Groomer

10003315



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DirtMedic™ Infield Drag & Groomer

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**Thank you for purchasing the Newstripe
DirtMedic™ 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 1015597 and above only. For units with serial numbers below 1015597, please contact Newstripe for the correct product manual.



DirtMedic™ Infield Drag & Groomer



PRECAUTIONARY WARNINGS

- **PLEASE** read and understand all operation instructions as detailed in this manual. Failure to follow specified instructions may result in equipment damage or severe injury to personnel.
- **DO NOT** exceed 15 mph when towing or grooming with the DirtMedic.
- **ALWAYS** keep your head and other parts of your body clear of the wheel arms when raising or lowering the wheels. The wheel arms can move quickly and with great force.
- **ALWAYS** use caution when raising or lowering the wheels. The unit will move if not attached to a tow vehicle.
- **ALWAYS** make sure the wheel arm detent pins are fully engaged in the frame holes. Failure to properly engage the pins may result in equipment damage or personal injury.
- **ALWAYS** consult your Facility Safety and/or Personnel Department for specified safety protocols prior to operating this equipment.

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ASSEMBLY

- The DirtMedic is shipped with the tongue assembly removed. You will need various sockets and wrenches for assembly.

1. Remove all shipping ties securing the unit to the pallet and then remove the box containing the tongue, adjuster shaft assembly, crank handle, and hardware.

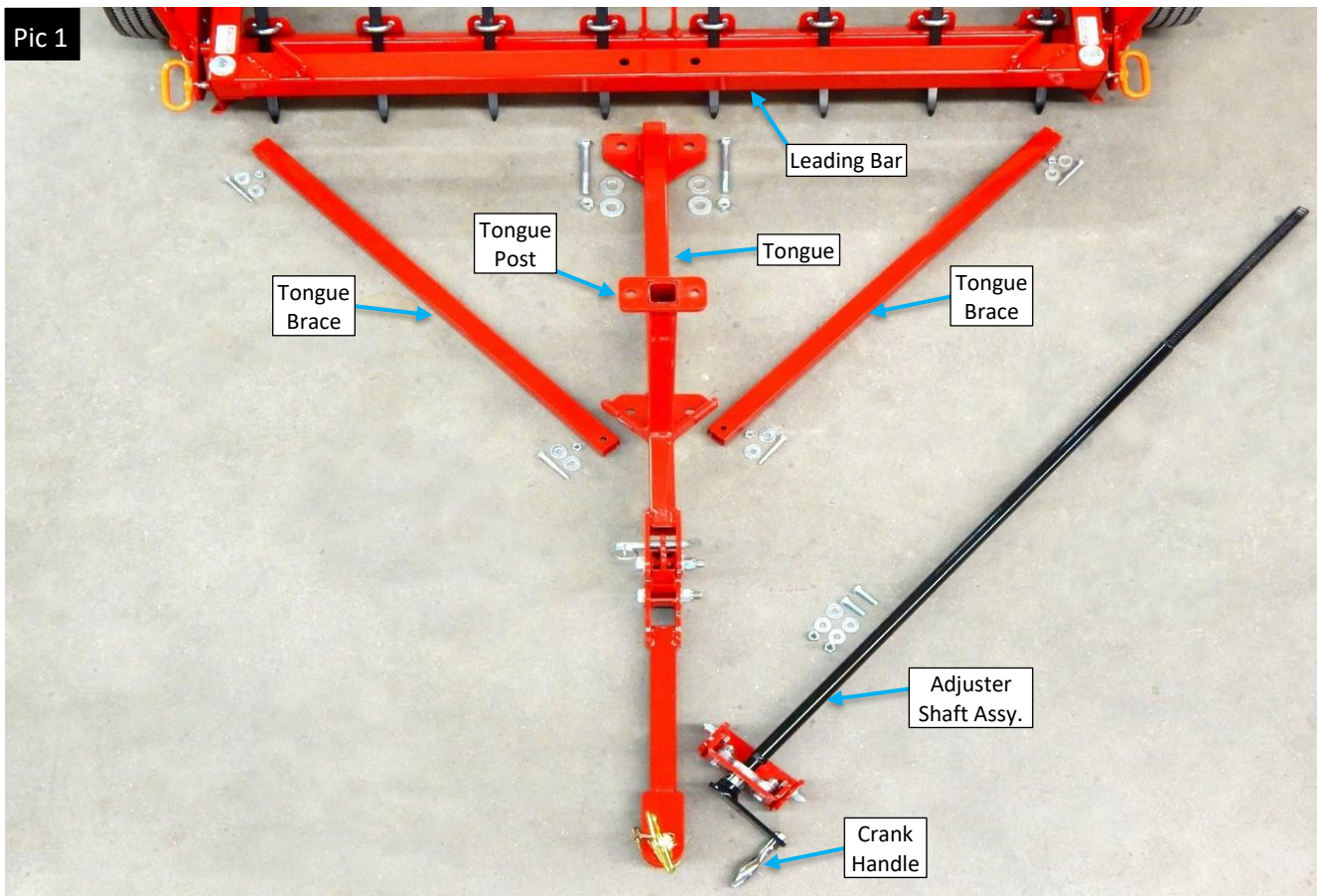
Note: The unit may be left on the pallet to install the tongue assembly. After installing the tongue, you may lower the wheels to remove the unit from the pallet

2. Attach the tongue assembly to the center of the DirtMedic leading bar with two $\frac{1}{2}$ " x $3\frac{1}{2}$ " bolts, four $\frac{1}{2}$ " flat washers, and two $\frac{1}{2}$ " nylock nuts. (Pic 1)

Note: Do not fully tighten the nuts at this time.

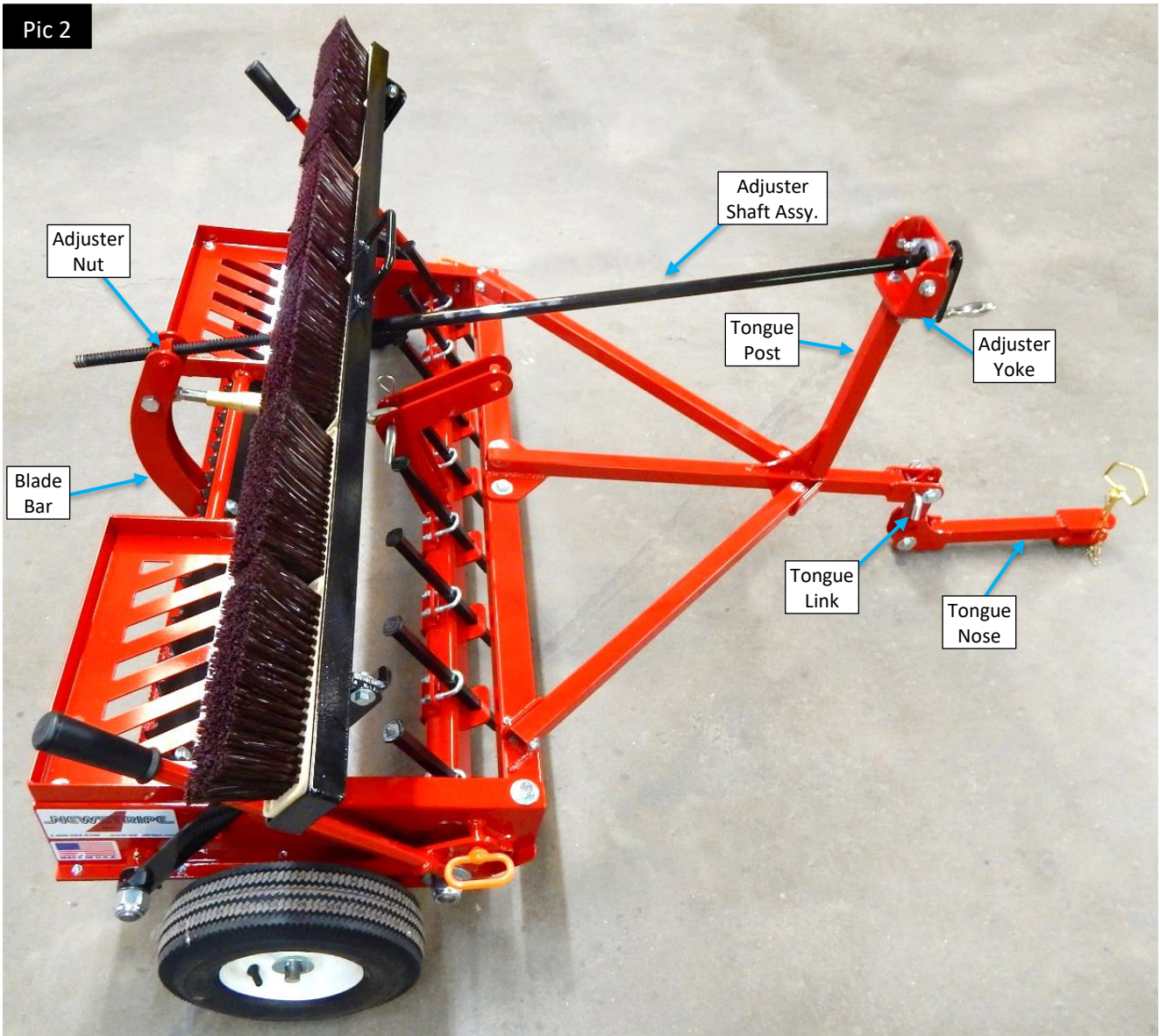
3. Place one tongue brace on each side of the tongue. Install each tongue brace between the tongue and leading bar with two $\frac{5}{16}$ " x 2" bolts, four $\frac{5}{16}$ " flat washers, and two $\frac{5}{16}$ " nylock nuts. (Pic 1)
4. Securely tighten all six nuts from the last two steps.
5. Install the chrome crank handle on the crank of the adjuster shaft assembly and secure it with one star washer lock nut. (Pic 1)
6. Thread the adjuster shaft into the adjuster nut on the blade bar and then secure the yoke of the adjuster assembly on the top of the tongue post with two $\frac{3}{8}$ " x $1\frac{1}{4}$ " bolts, four $\frac{5}{16}$ " flat washers, and two $\frac{3}{8}$ " nylock nuts. (Pic 2)
7. Remove the hitch pin from the harrow bar. Connect the adjustable link from the blade bar to the harrow bar with the hitch pin. (Pic 3)

Pic 1

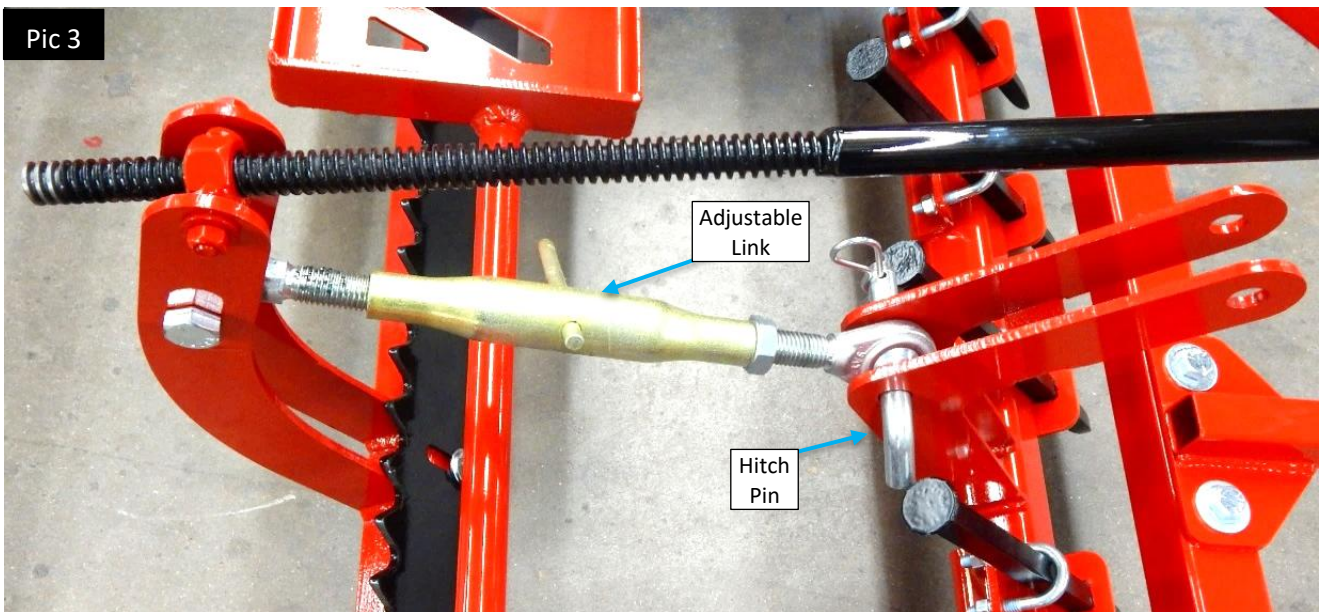


DirtMedic™ Infield Drag & Groomer

Pic 2



Pic 3



DirtMedic™ Infield Drag & Groomer

LOWERING THE WHEELS & TOWING THE UNIT

1. Remove the hitch pin used to lock the tongue link and tongue to the tongue nose for towing.
2. Lift the tongue while rotating the tongue link downward and back, and the tongue nose upward. Replace the hitch pin to lock the tongue in the tow position as show below.

Towing Position



3. Attach the tongue of the DirtMedic to the hitch plate of the tow vehicle with the hitch pin from the tongue nose.

4. Rotate the brush to the down position, so that it rests on the ground.
5. Step to each side of the unit and pull the wheel arm pins out until they clear the sides of the frame.
6. Rotate one of the wheel arms back and down to lower the wheel and raise the unit. Push the wheel arm pin into the top hole of the side to lock it in the tow position. Repeat this procedure on the other side.

Caution: Keep your head and body clear of the wheel arms when raising or lowering the wheels. The wheel arms can move quickly and with great force.

7. Lift the brush and rotate it forward until it rests on the frame stops in the stowed position. You may now tow the unit where you need to.

Towing Position



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RAISING THE WHEELS & OPERATING THE UNIT

1. Rotate the brush to the down position, so that it rests on the ground.
2. Step to each side of the unit and pull the wheel arm pins out until they clear the sides of the frame, while placing slight downward pressure on the wheel arm handles.

Caution: Keep your head and body clear of the wheel arms when raising or lowering the wheels. The wheel arms can move quickly and with great force.

3. Rotate one of the wheel arms up and forward to raise the wheel and lower the unit. Push the wheel arm pin into the bottom hole of the side to lock it in the operating position. Repeat this procedure on the other side
4. Remove the hitch pin used to lock the tongue link and tongue to the tongue nose for towing.

5. Push the unit slightly backwards to rotate the tongue link and tongue nose to straighten them out and lower the tongue.

Note: Normally, the tongue should be left unlocked so that it may float while you are grooming. The hitch pin should then be stowed in the unused upper hole at the rear of the tongue nose. The tongue may also be locked straight with the hitch pin if desired.



6. You may leave the brush down or raise it while grooming, depending on your desired needs.

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 desired 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 upward by hand and then reconnect the adjustable link to the harrow in the front/upper hole with the hitch pin.
4. The harrow spikes may be individually adjusted up or down, by loosening one nut on the U clamp attaching each spike to the harrow bar. Tap the spikes to the desired position and then tighten the nut.
5. The scraper blade is reversible for either scarifying or planning. To reverse the blade, remove the bolts attaching the blade to the blade bar. Flip the blade over and then re-attach it to the blade bar.
6. You may adjust the depth of the blade as it wears by simply loosening the three bolts, moving it to the desired depth, and then re-tightening the bolts.

• **After use, follow the directions for lowering the wheels and towing the unit before returning it to storage.**

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MAINTENANCE

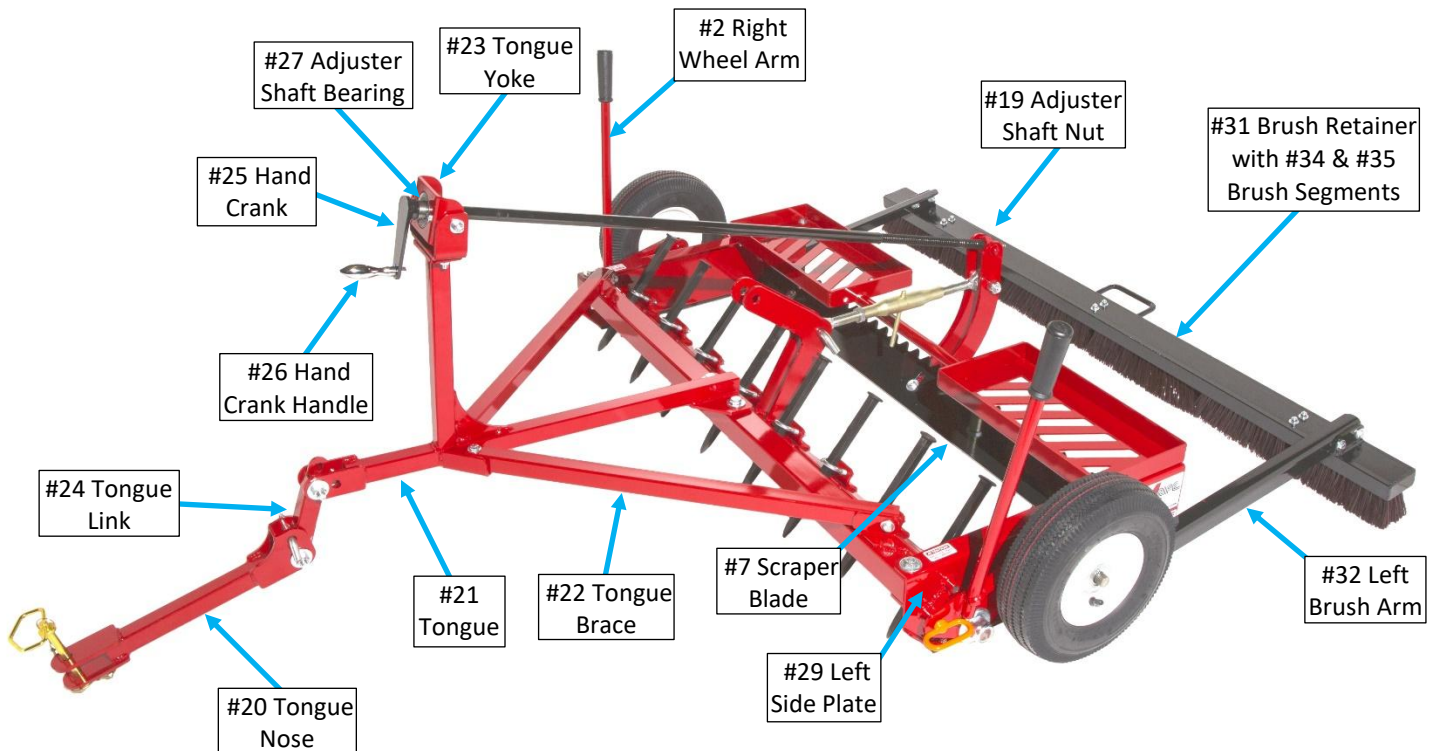
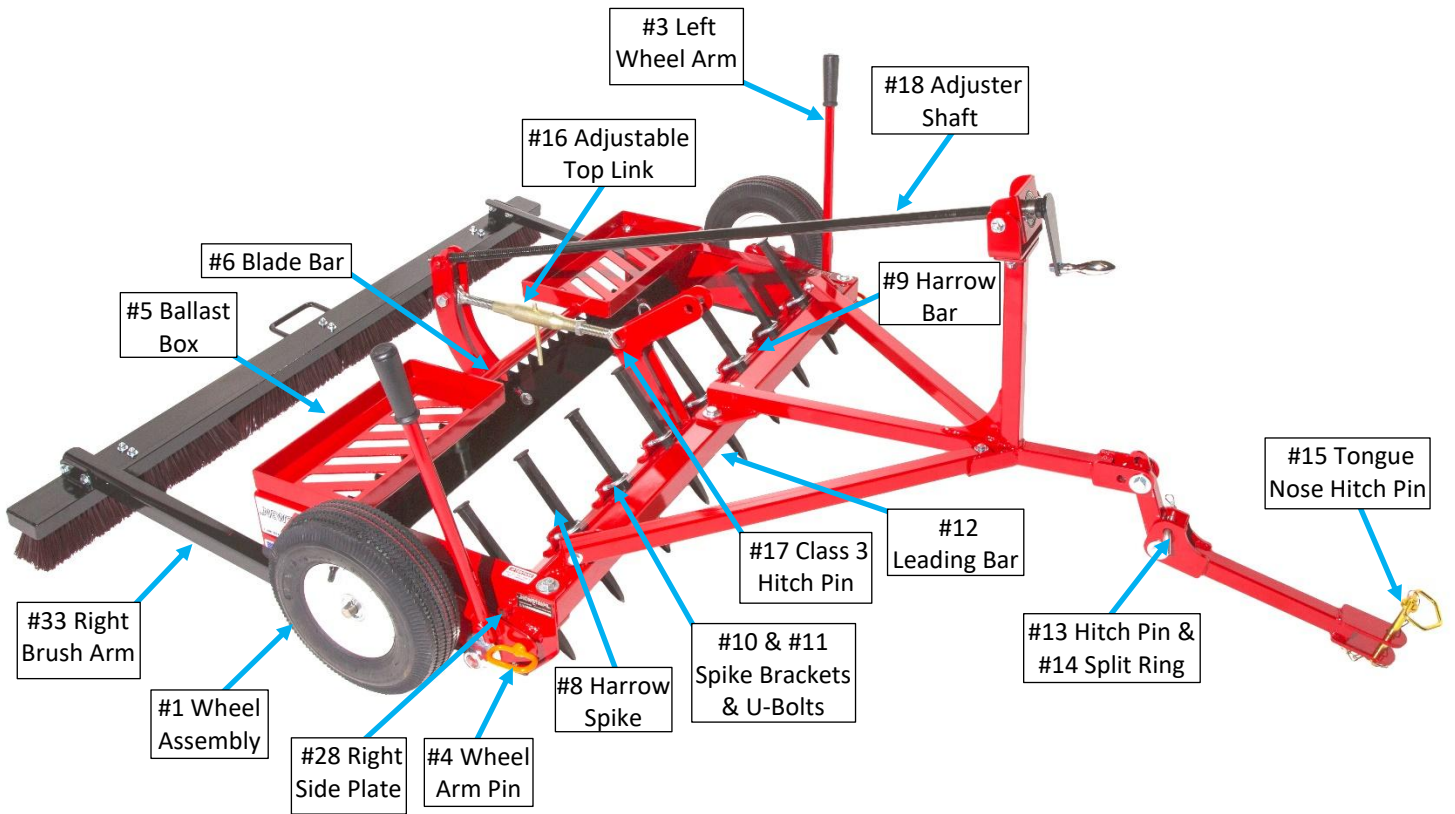
Item	Check	Maintenance Action
Harrow Bar	Weekly	Grease the bearings on the ends of the harrow bar.
Harrow Spikes	Monthly	Adjust the spikes down as needed when they become worn.
Scraper Blade Bar	Weekly	Grease the bearings on the ends of the scraper blade bar.
Wheel Arms	Monthly	Use dry lubricant to coat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

PARTS LIST

Item	Description	Part Number
1	410/350 x 6 Wheel Assembly (2)	10000129
2	Right Wheel Arm	10002614
3	Left Wheel Arm	10002613
4	Wheel Arm Pin (2)	10002554
5	Ballast Box	10002607
6	Scraper Blade Bar	10004683
7	Scraper Blade	10002604
8	Harrow Spike (8)	10002315
9	Harrow Spike Bar	10004650
10	Harrow Spike Bracket (8)	10004649
11	U-Bolts with Nuts (8)	10002342
12	Leading Bar	10002602
13	½" Class 2 Tongue Hitch Pin	10000314
14	Split Ring (For Tongue Hitch Pin)	10002567
15	½" x 4" Tongue Nose Hitch Pin	10002565
16	Adjustable Link	10002552
17	5/8" Class 3 Hitch Pin	10000315
18	Adjuster Shaft	10004125

Item	Description	Part Number
19	Adjuster Shaft Nut	10004126
20	Tongue Nose	10002587
21	Tongue	10002589
22	Tongue Brace (2)	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) *Not Shown	10002583
31	Brush Retainer	10004686
32	Left Brush Arm	10004684
33	Right Brush Arm	10004685
34	18" Outside Brush Segment (2)	10001934
35	24" Center Brush Segment	10001935

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18 Month Warranty

Newstripe, Inc. ("Newstripe") 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 in misuse, neglect, accident, improper operation, or normal wear and tear.

* Gasoline engines, compressors, low pressure pumps, and transaxles are furnished with their respective manufacturers' warranties only and are not covered by any warranty of Newstripe. High pressure pumps manufactured by Newstripe (excluding wear items like diaphragms and valves) are warranted for materials and workmanship for 12 Months after the date of purchase.

Damage incurred in shipment from Newstripe to the purchaser is the total responsibility of the shipping carrier. The purchaser is responsible for noting any damages on the Bill of Lading of the shipping carrier and Newstripe will work with the shipping carrier to resolve any damages incurred.

The Newstripe 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, the purchaser shall obtain an approved Return Materials Authorization (RMA) from Newstripe and then ship the defective part or parts of the equipment, transportation prepaid by the purchaser, to Newstripe together with a written description of any claimed defect and proof of purchase date of the materials being returned. To review Newstripe's complete guidelines for warranty claims and returns, please visit our website at www.newstripe.com.

The responsibilities described above are the only responsibilities of Newstripe under this written warranty or any implied warranty and may be exercised only within 18 (Eighteen) Months from the date of original purchase. In no event shall Newstripe be liable for incidental or consequential damages and no person has any authority to bind it to any representation or warranty. Newstripe is not 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 of negligence, shall Newstripe be liable for incidental or consequential damages.



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