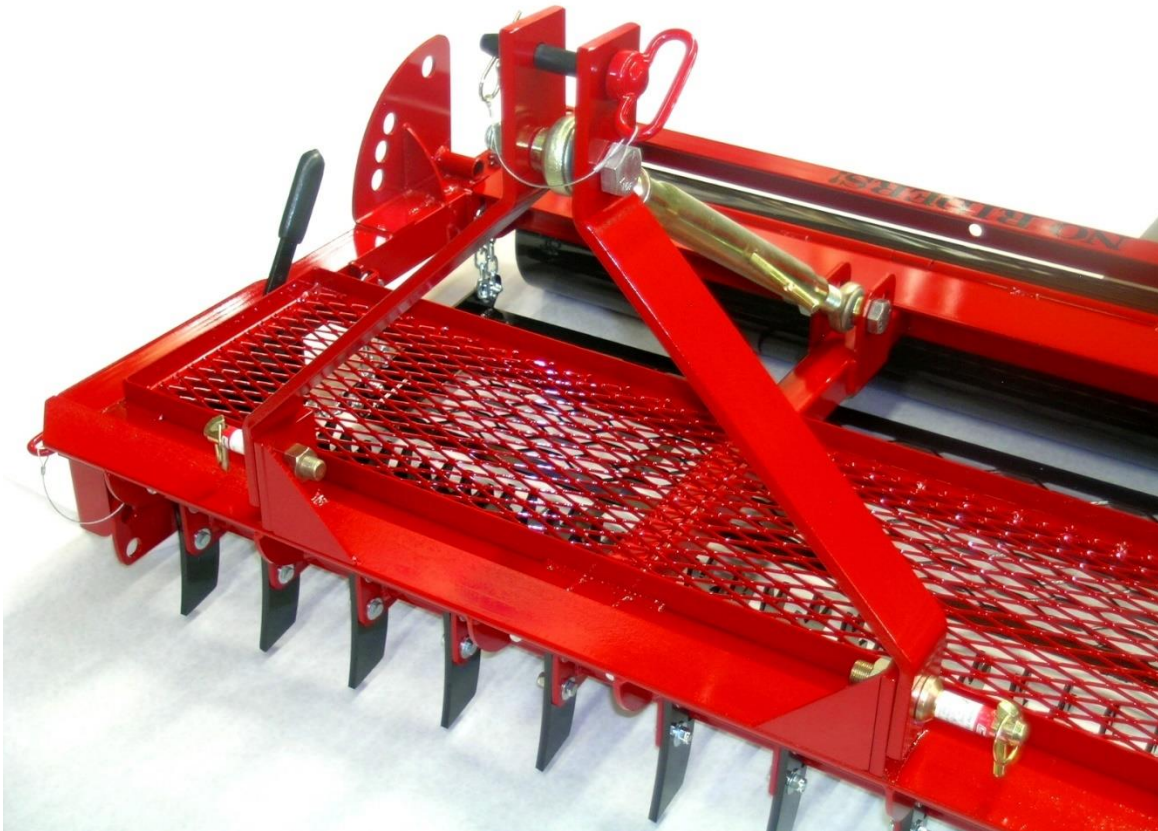




Product Manual

DirtDoctor™ 3-Point Infield Groomer

10003681



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DirtDoctor™ 3-Point Infield Groomer

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Thank you for purchasing the Newstripe DirtDoctor 3-Point Infield Groomer.

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

Please check the serial number on your unit. This Manual is for units with serial number 1035175 and above only. For units with serial numbers below 1035175, please contact Newstripe for the correct manual.



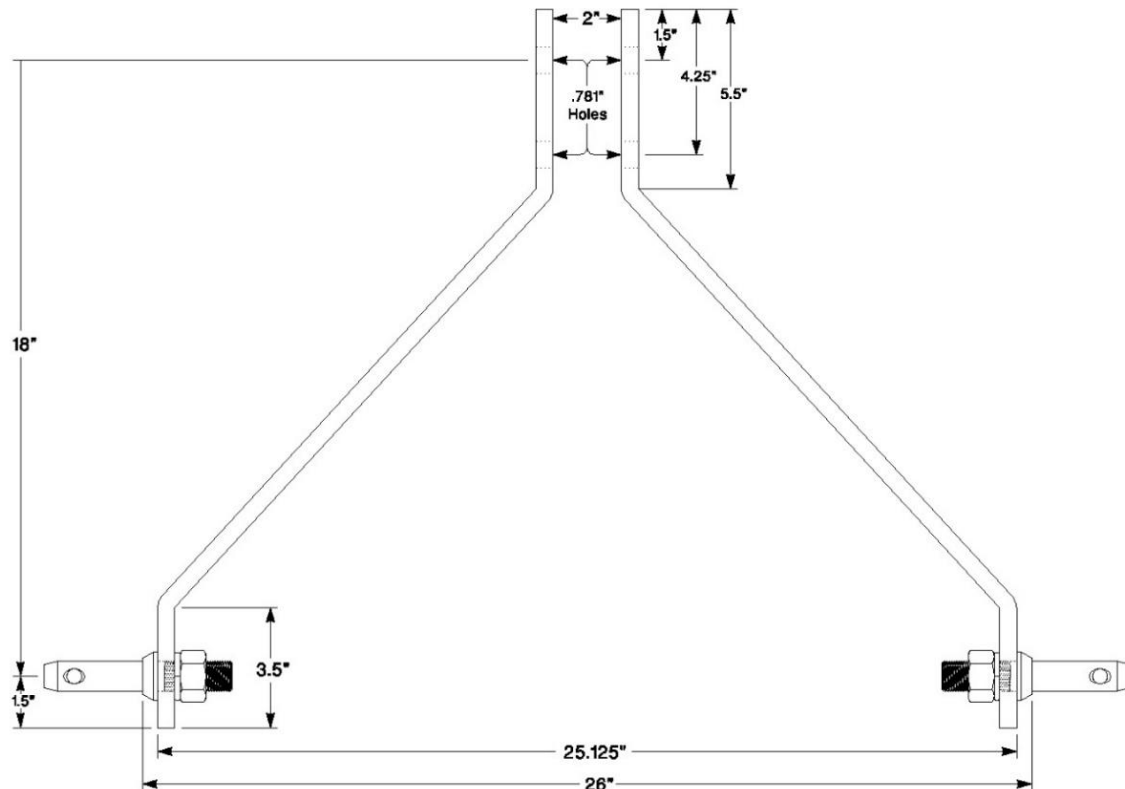
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PRECAUTIONARY WARNINGS

- 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, up to and including death.
- **CAUTION:** When adjusting the pulverizer up or down, make sure that the T-Handle quick release pin engages the hole in the pulverizer mount on each side of the unit. If the pin does not engage the hole and is either in front of or behind the pulverizer mount, severe damage may occur during use.
- **NEVER** place your hands or any body parts in front of the equipment or within the frame area while operating.
- **NEVER** allow anyone to ride on the DirtDoctor while it is being operated or towed. This may result in severe injury or death.
- **ALWAYS** consult your Facility Safety and/or Personnel Department for specified safety protocols prior to operating this equipment.

DirtDoctor 3-Point (Category 1) Hitch Dimensions



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ADJUSTING RIPPER BLADES AND PULVERIZER

1. Lift the DirtDoctor with the tractor's 3-Point Hitch, so that the ripper blades and pulverizer bar are not in contact with the ground.
2. Adjust the ripper blade height by removing the hitch pins on either side of the frame and move the ripper bar up or down to the desired height. Slide the hitch pin into the ripper blade height adjustment plate and secure it with the hairpin on the hitch pin lanyard.

NOTE: The upmost position of the ripper blade bar is used for transport or non-cutting.

3. To adjust the pulverizer height, push the button in on the T-Handle quick release pin and remove it on either side of the frame. Move the height adjustment lever to raise or lower the pulverizer to the desired height. Align the pulverizer adjustment plate with the desired hole in the frame. Push the T-Handle pins into the frame hole and adjustment plate, ensuring the pins lock fully in place.

CAUTION: Make sure all pins are fully inserted and secured at all times to avoid serious damage to the equipment during transport and operation.

APPROXIMATE RIPPER BLADE AND PULVERIZER DEPTHS

Pulverizer in the 1st Position (Bottom)		Pulverizer in the 3rd Position	
Ripper Blades in the Lowest Position	¼" - ½" Deep	Ripper Blades in the Lowest Position	1 ¾" Deep
Ripper Blades in the Middle Position	0" Deep	Ripper Blades in the Middle Position	¾" Deep
Pulverizer in the 2nd Position		Pulverizer in the 4th Position (Top)	
Ripper Blades in the Lowest Position	1" Deep	Ripper Blades in the Lowest Position	2 ½" Deep
Ripper Blades in the Middle Position	0" Deep	Ripper Blades in the Middle Position	1 ½" Deep

Place the Ripper Blades in the top position for non-cutting applications, where the unit rides on the pulverizer only. This position is also recommended for transport.

Multiple combinations may be required to achieve the correct results for your particular soil and application.

ADJUSTING CENTER DRAG SECTION

1. After setting the ripper blade and pulverizer bar height, adjust the center drag chain lengths to allow the drag to contact the ground, but not interfere with the compacting roller.

NOTE: When the center drag section is reversed, the grating will scarify the ground less aggressively.

2. To reverse the center drag section, disconnect the chains and rotate the center section around. Reconnect the chains to allow the drag to contact the ground, but not interfere with the compacting roller.

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OPERATION

1. Ensure that the DirtDoctor is properly attached to the tractor that will be used for grooming.
2. Adjust the top link on the tractor to allow the unit to sit as close to level as possible when grooming.
3. Adjust the ripper blades and pulverizer to the desired height. **(See the ADJUSTING RIPPER BLADES AND PULVERIZER section)**
4. Set the center drag section for aggressive or passive scarification and adjust the height. **(See the ADJUSTING CENTER DRAG section)**
5. Rotate the scraper to rest against the roller. This will keep build up from occurring during operation.
6. If your DirtDoctor is equipped with a finishing brush, you may lower it while the unit is on the ground when making your final passes.
7. If the 3-Point Hitch on your tractor does not have down force, additional weight may be added to the weight tray on the top front of the DirtDoctor to aid with deeper cutting of hard soil surfaces. Use caution if applying down force with your tractor to avoid damage.



PRECAUTIONARY WARNINGS

- **NEVER** place your hands or any body parts in front of the equipment or within the frame area while operating.
- **NEVER** stand or ride on the equipment.
- **NEVER** place your hands or any body parts in front of the equipment or within the frame area while operating.
- Use only for intended grooming applications.

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MAINTENANCE

ITEM	CHECK	MAINTENANCE ACTION
Four Pillow Block Bearings (Two Pulverizer and Two Roller)	Before Each Use	Using a Grease Gun, Grease Weekly With High Pressure Bearing Grease.
Ripper Blades	Before Each Use	Reverse If Worn for a Fresh Cutting Edge. If Already Reversed, Replace Them When Worn.
Pulverizer	Before Each Use	Clean Off Excess Dirt Buildup. Grease Bearings as Recommended Above. Replace if Worn.
Center Drag Section	Before Each Use	Clean Off Excess Dirt Buildup. Replace if Worn.
Roller	Before Each Use	Clean Off Excess Dirt Buildup.
Finishing Brush (If Equipped)	Before Each Use	Lubricate Arm Pivot Points Weekly With Light Machine Oil. Replace Brush Segments if Worn.

TROUBLESHOOTING GUIDE

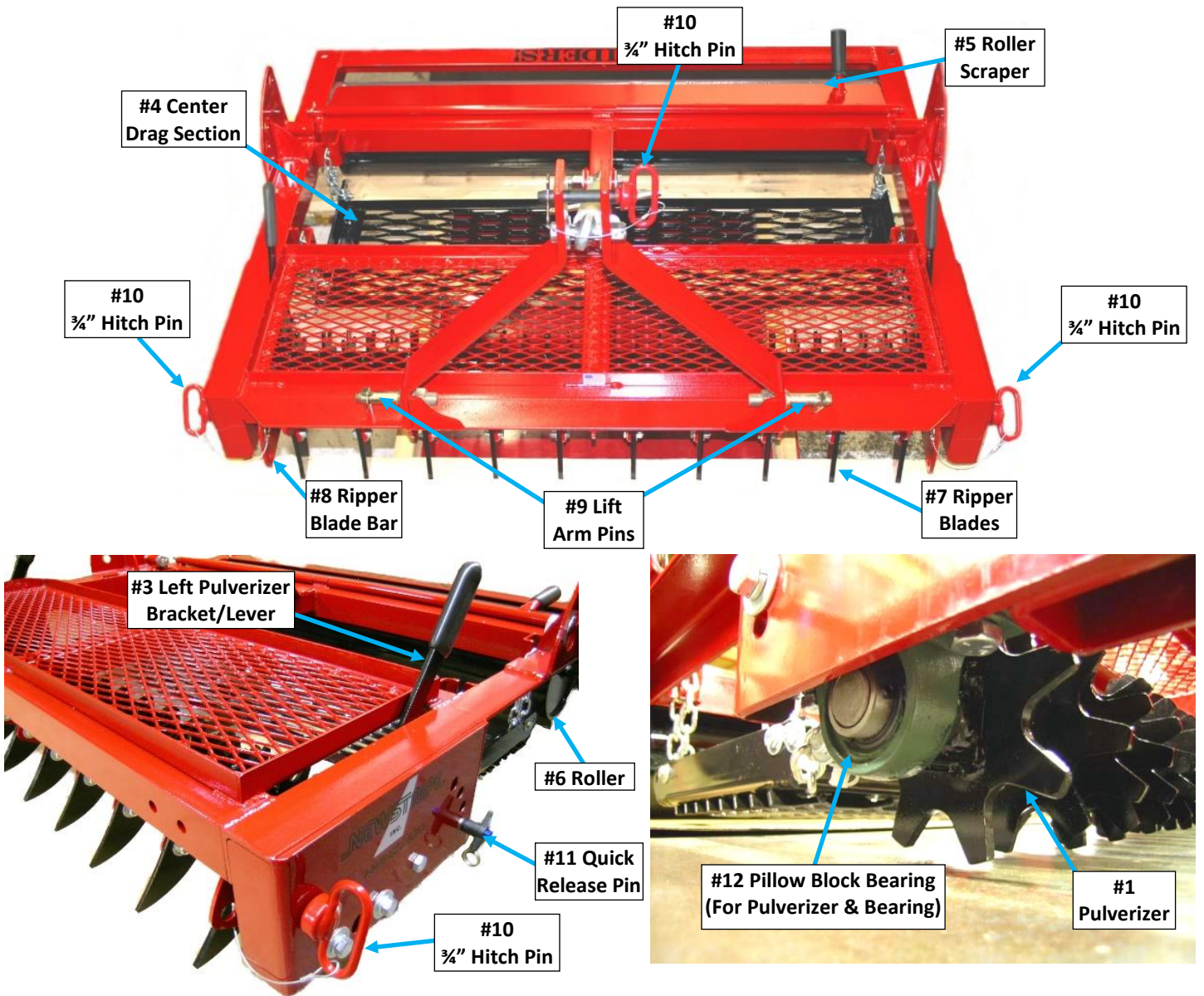
PROBLEM	REMEDY
Ripper blades are not cutting deep enough.	<ol style="list-style-type: none"> 1) Adjust the ripper blades to the lowest position for maximum cutting depth. 2) Verify the soil conditions to ensure there is adequate moisture to make the ground soft enough for proper operations. 3) Additional weight or downforce may be needed for hard soil conditions.
Ripper blades are cutting too deep.	<ol style="list-style-type: none"> 1) Raise the unit slightly. 2) Adjust the pulverizer bar to fully contact the ground. 3) Verify the soil conditions to ensure the ground is not too saturated and soft for proper operations.
The center drag section is producing uneven results.	<ol style="list-style-type: none"> 1) Check each of the four center drag section chains to ensure that the link adjustment is the same on all four corners. 2) Ensure the center drag section is not contacting the roller.
The roller is not compacting the surface to the desired result.	<ol style="list-style-type: none"> 1) Lower the unit slightly until the roller contacts the ground as desired. 2) Change the angle of the unit by adjusting the top link on the tractor until the roller contacts the ground as desired.
The finishing brush (if equipped) is producing uneven results.	<ol style="list-style-type: none"> 1) Ensure that the ripper blades are not in use, and that the roller is in full contact with the ground. 2) Inspect the brush segments to insure that they are not worn or broken.

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PARTS LIST

Item	Description	Part Number
#1	Pulverizer	10000732
#2	Right Pulverizer Bracket/Lever	10000733
#3	Left Pulverizer Bracket/Lever	10000734
#4	Center Drag Section	10000735
#5	Roller Scraper	10000688
#6	Roller	10000736

Item	Description	Part Number
#7	Ripper Blades (10 Required)	10000529
#8	Ripper Blade Bar	10000737
#9	Lift Arm Pin (2 Required)	10003212
#10	$\frac{3}{4}$ " Hitch Pin (3 Required)	10003213
#11	$\frac{1}{2}$ " Quick Release Pin (2 Required)	10000738
#12	Pillow Block Bearing (4 Required)	10003220



Your machine is designed to be simple and safe to operate.
 Please call Newstripe at 303-364-7786 if you have any questions.

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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 had 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.

