abiATTACHMENTS SR3 Skid Steer Attachment Setup User Guide

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Product Information

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Product Usage Instructions

Step 1: Ripping or Pulverizing Soil

To pulverize or rip the ground effectively:

1. Turn off the float mode on your skid steerer for extra down pressure.
2. Raise the finish rake off the ground.
3. Set the scarifiers to the desired depth.
4. Rip the soil by backing up, using a serpentine or S motion in heavily compacted areas for faster penetration.

FAQ

- **Q: How do I adjust the depth of the scarifier teeth?**
  - **A:** To adjust the depth of the scarifier teeth, follow the steps provided in the user manual. Ensure proper placement of hydraulic cylinder, scarifier rod, and spindle based on the desired depth range.
- **Q: What is the purpose of controlled ripping?**
  - **A:** Controlled ripping helps break up existing vegetation and debris, allowing for easier soil preparation

and leveling without causing damage to the terrain.

OPERATION

STEP 1:

RIPPING OR PULVERIZING SOIL:

To pulverize or rip the ground for deepest penetration have the float mode shut off on your skid steerer for extra down pressure and the finish rake off the ground. This enables full penetration of the scarifiers. Set the scarifiers to the desired depth. Then back and rip the soil. On heavily compacted areas a serpentine or S motion will help you penetrate the ground at a faster rate.

STEP 2:

ROUGH LEVELING:

After the Ground has been loosened, put the skid steerer back in float mode and using the finish rake with the SR3 on its wheels, push the high areas into the low areas for rough leveling. When backing up to make another pass, tilt the SR3 up keeping the SR3 wheels on the ground. Tilt it back down into position when ready to make the next push. This makes it easier to stay at the same height as the previous push keep the surface uniform and level. For this step and step three the scarifiers can be raised out of play.

STEP 3:

PUSHING DIRT TO EDGES:

With the skid steerer still in float and keeping the SR3 on the tires, use just tilt control to move the SR3 forward to get the finish rake at the correct angle. Take some of your loose topsoil and push it forward around all your edges. Getting as close to the edges as safely possible to eliminate or reduce hand work. Do this around all edges before starting the next step.

STEP 4:

FINAL GRADE:

After completing step three with the SR3 tires still on the ground, tilt the unit back and pull upas close as possible to the edge. Then, tilt the finish rake down at an approximately 30-degree angle and back the skid steerer up to complete the finish grade.

If the soil has a lot of dirt clods, an S or serpentine motion will help break it up faster. Engaging the scarifiers will help keep the soil looser for seeding.

Repeat this step keeping the SR3 on the tires and only using the tilt on the skid steerer to engage and disengage the finish rake until the job is complete. Keeping the SR3 on the tires and only using the tilt gives a more uniform grade.

CONTROLLED RIPPING:

After using the scarifiers to break up existing vegetation, use the SR3 on the tires and tilt the finish rake downward to push vegetation and debris out of the way. The tires will keep the SR3 from angling downward and prevent gouging into the soil.

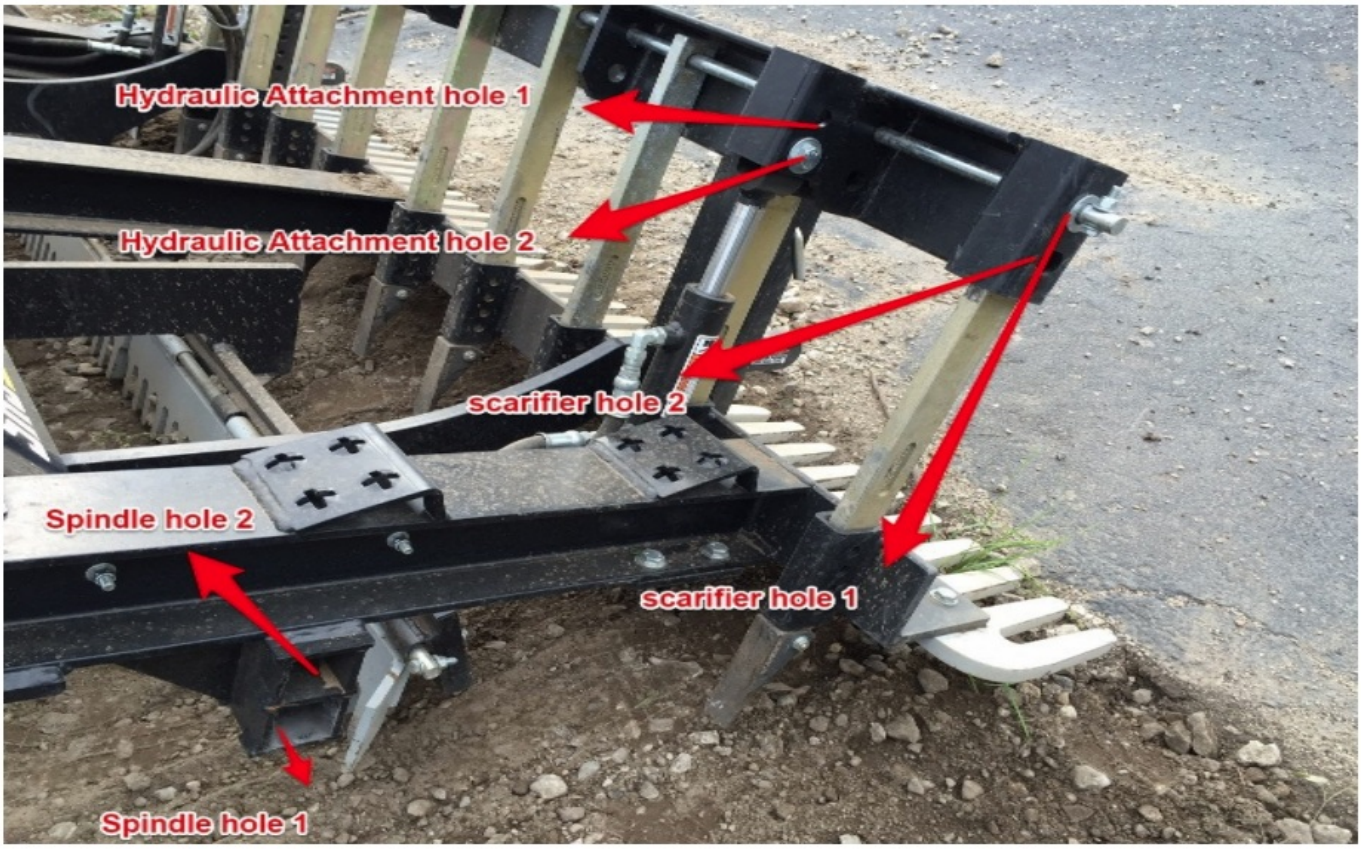
LEVELING BLADE PRESSURE SETTING:

The leveling blade pressure can be adjusted to control the amount of compaction or height of the rock teeth.

By pinning the leveling blade arms all the way down this will help to compact lose areas (such as packing down a driveway) when pulling the SR3 in Reverse.

If grading rocky soil and trying to remove more rocks, the blade can be pinned down at the second hole to limit the lifting of the rock teeth to help capture the rocks when pulled in reverse. Installing the pins in the top holes will leave the unit in free float and allow it to naturally level the soil.

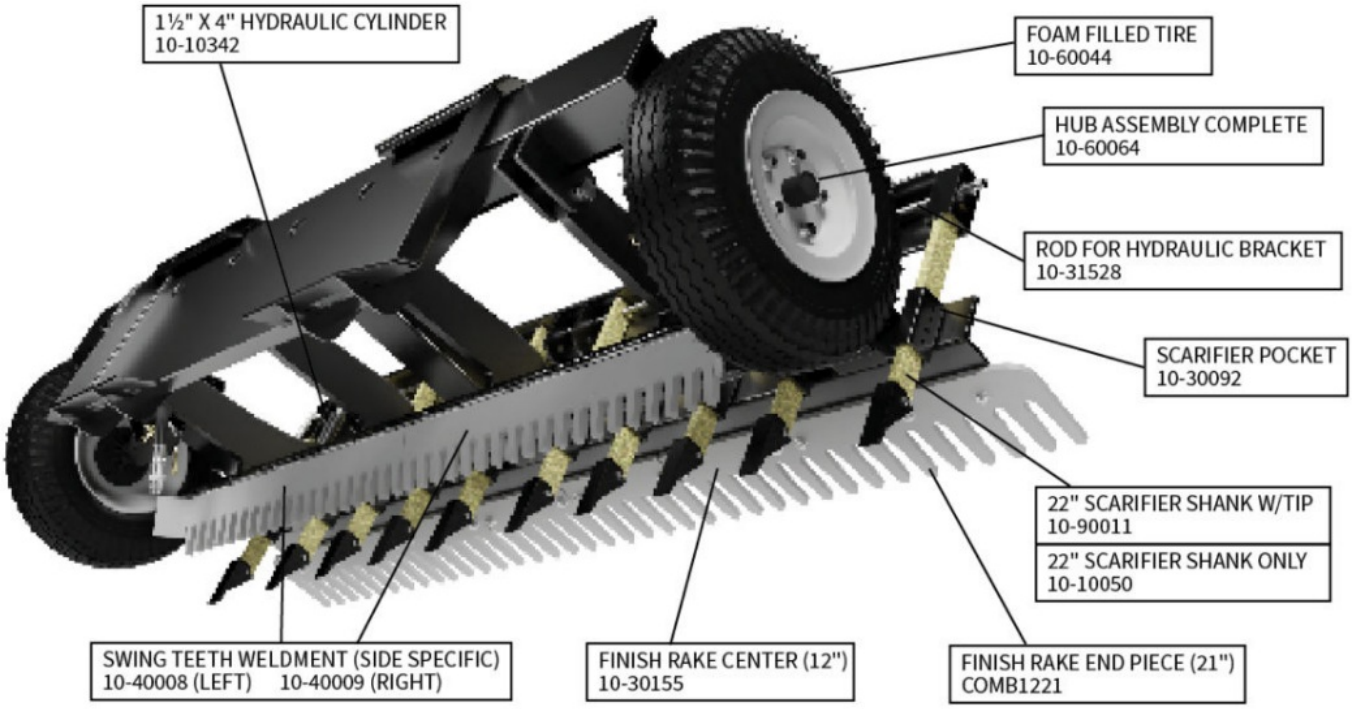
ADJUSTING THE DEPTH OF THE SCARIFIER TEETH:



1. The SR3 ships with the tool set up to dig between one to five inches of depth. For this setting, the hydraulic cylinder will be bolted top hole or Hydraulic attachment hole number one in the picture. The scarifier rod will also be in the top hole which is scarifier hole one in the picture, and the axle or spindle will be pinned in the bottom hole or spindle hole number one in the picture.
2. To set the scarifier range from zero to three inches you will need to bolt the hydraulic cylinder into the bottom hole or hydraulic hole number two in the picture, place the rod in the top scarifier shank hole or scarifier hole one in the picture, and place the tire and spindle in the bottom hole or spindle hole number one in the picture.
3. To set the scarifier range from three to seven inches you will bolt the hydraulic cylinder the bottom hole or Hydraulic hole two in the picture, the scarifier rod will then be placed in the bottom hole or scarifier hole 1 in the picture, and the spindle will get placed in the upper hole or Spindle hole number two in the picture.

Be aware that in these settings the minimum range number will be the distance that the scarifiers will be in the ground when the scarifiers are retracted, so if you choose one to five inches they will be a minimum depth of one inch, and the three to seven inches will be a minimum setting of three inches when retracted.

PARTS DIAGRAM



Documents / Resources

	abiATTACHMENTS SR3 Skid Steer Attachment Setup [pdf] User Guide SR3 Skid Steer Attachment Setup, SR3, Skid Steer Attachment Setup, Steer Attachment Setup, Attachment Setup, Setup

References

- User Manual