



LANDSHARK™

PS-2003 Spring Platform Owner's Manual



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We would like to thank you for your purchase of our professional grade LandShark Spring Platform for the Pro Sulky 2003. All our products are fabricated and assembled using quality parts and heavy gauge steel materials in our Bellevue, Ohio facility. The product you have is designed to provide many years of service.

The LandShark Team

Disclaimer:

If you are using this as a retrofit to an older sulky, some mechanical ability will be required to install the blocks that hold the platform.



Safety Concerns

1. Installing the platform improperly may cause injury.
2. Ensure the spring bolts are always tight. This will keep the spring plate from moving inappropriately side to side or flipping freely.
3. Please read through this instruction thoroughly before drilling. If anything is unclear call us at 1-800-973-5276!

How to Install

1. The objective is to locate the block mounting hole such that the blocks will be positioned similar to the picture below on the inside of the pan.



2. The hole in this case will be drilled to match the right threaded hole per the picture above and per the measurements listed below.



3. Measurements for the holes in the sides of the pan:
 - a. The pan side-hole measurements are critical to get the spring plate to align with the bottom plate. The second row on top plate should align with the first row on the bottom pan. This will allow the springs to line up and hold the spring plate to the bottom pan.
 - b. From the outside-bottom of the pan, measure 1.0 inch up.



- c. From the outside-back of the pan, measure 2-15/16 inch toward the middle.
- d. Use a punch to dimple the hole-center.
- e. You can set the block on the outside and see if the hole is approximately in the correct location as a double check.
- f. Drill both sides of the pan with 1/2 drill bit.
- g. This may require disassembly of the casters and/or wheels.

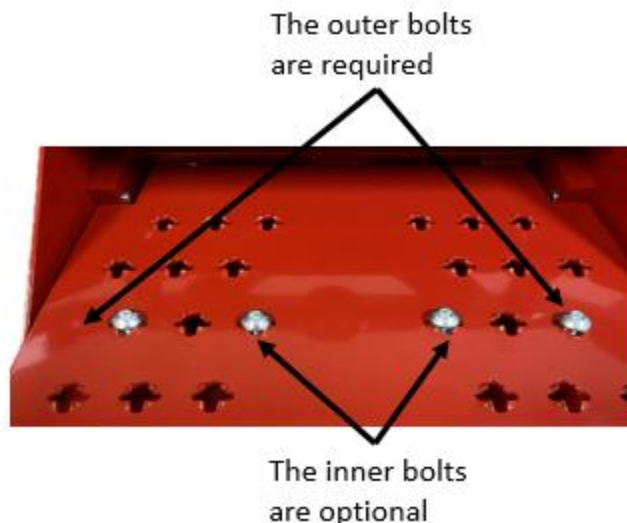
4. Assembly

- a. Place a block on each side of the rod at the front of the spring plate and slide the blocks into the pan.
- b. Move the blocks to the inside of the pan and install the 3/8-16 x 1.0" serrated bolt through the side holes and thread them into the blocks.
- c. This will lock the spring plate into the sulky.
- d. Spring Table – Recommendations, weights are not exact and should be used as a starting point.

Spring Count	Approximate Weight Supported
2 Springs	130-160 lbs
3 Springs	160-200 lbs
4 Springs	200-240 lbs
5 or more	Call **

** This may be exceeding the limits of the sulky.

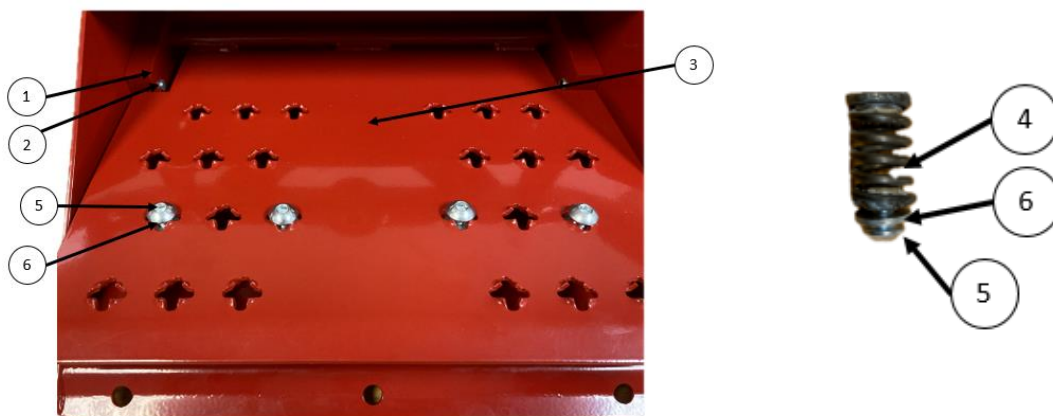
- e. The number of springs required will be determined by operator comfort. Test the ride and determine if the correct number of springs are being used. If not, add or remove as necessary to achieve the optimal comfort level.
- f. Two (2) springs should be the minimum. It is recommended to put the two springs in the middle tread "X" on each side of the row for balance.
- g. Three (3) or more should be used per the illustration below. Two (2) springs to the outside tread "X" and one (1) or two (2) in the inner tread "X".
- h. If a fifth (5) spring is required, add it to the middle left or right tread "X" between the installed springs.





- i. Install the springs using a 3/8-16x3/4" button head, hex cap screw and 5/16 USS washer on top placing the bolt through the tread "X" and into the washer and top of the spring.
- j. Install the same 3/8-16x3/4" bolt into the bottom tread "X" with a 5/16 USS washer on top of the pan (between the pan and spring bottom) and then thread the bolt into the spring bottom.
- k. Tighten both top and bottom bolts into all springs.
- l. Springs may need to be pushed or pulled a little to the center of the tread "X". Any more than a little movement of the springs means the side holes were not positioned correctly.
- m. If springs feel like they are bottoming out while riding, check to make sure the washers are in place. If that is correct, add another spring per above.

Parts Illustration



Parts List

Item	Qty	Part No	Description
Kit		12787	Assembly Kit
1	2	12787-2	Mounting Block
2	2	12267	Bolt, Serrated 3/8-16 x 1.0"
3	1	12787-1	Spring plate
4	4	12788	Welded Spring
5	8	12806	Bolt, Button Head Hex Cap Screw 3/8-16 x 1.0"
6	8	11366	Washer 5/16 USS

For questions and technical information,
contact your LandShark Team at:

1-800-973-5276

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