

How To Install The Torsion Spring In An Ariens Snow Blower

By [Vale](#), 7 years ago

Credit for this post goes to [Arien Snow blower user](#).

Guest posted:

I have an Ariens 926LE that I purchased a Quick Turn Chute Rotation Update Kit (52609100). I installed all of the pieces of the kit but could not get the locking arm (00180900) to be forced into the chute gear locking teeth. I believe the issue is with the torsion spring. The somewhat oversimplified directions said to follow the orientation of the original setup. I thought I did that, but the chute still does not work. It will rotate left to right and back, but it won't lock into place. Other than simple orientation of the spring inside the locking arm is there some other installation step/trick of the torsion spring (or other hardware) to get the locking arm to force into the chute gear?

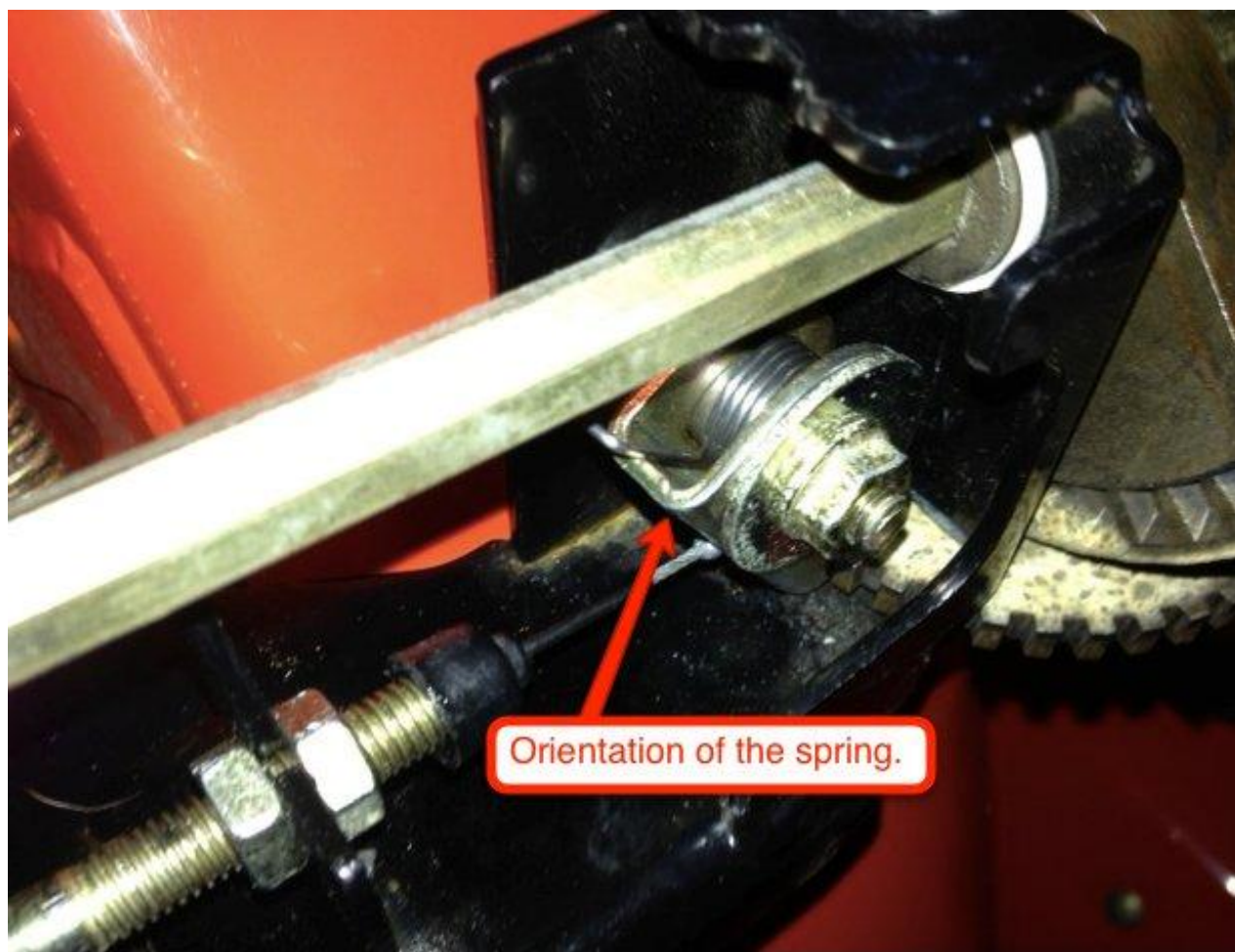
Even though this is a commonly stated problem, all Ariens related manuals (and their Support Line) were useless in this regard.

I came across your post looking for the same answer myself. After trying a few more times, I figured out how to properly install the torsion spring with the locking arm.

I've attached some pictures that should help to show how the spring should be orientated, and the hole in the front where the lower spring arm sits in (which gives the tension on the locking arm which forces it into the gear teeth.

It was difficult to get the lower torsion spring arm/peg into the hole. I was able to do it with a micro screwdriver- you basically need something long and small to reach in and set the lower spring arm/peg in the hole.

Hope the screen shots help.







30 Comments:

Vale:

Does anyone else have any Ariens fixes they can share?

Art:

That was perfect The description and pics helped

Vale:

Thanks for letting us know that it worked for you Art!

sulfam:

Big THANK YOU!!!!

Vale:

Glad it worked Sulfam!

John C.:

Thanks! I've had my eye on that hole for a while now, figured the spring was supposed to go there but just couldn't get it to go. Back to the shop, the spring WILL go into that hole!

Vale:

Good luck!

sverbrugge:

Good morning,

My comments are in response to those of you who may be experiencing the problem of your discharge chute rotating and not staying in position. This problem popped up in me the other day just as I was finishing removing 10 inches of snow from my property. Here's what I found. Upon removing the cover for the "chute gear", I found that the "locking arm" did not fully rest between the teeth of the "chute gear". It appears that the "locking arm" when manufactures was not folded to the proper

dimensional requirements that would allow it to sit between 2 of the gears teeth. I ground some of the metal away from the sides of the "locking arm" and now the arm sits directly between 2 of the "chute gears" teeth. Hope this helps.

Vale:

Thanks for sharing that tip with us!

Bren:

This was the best images of how to position torsion spring. If there was a star rating for this it would be 100. I spent three days of searching how to do this without downloading a video, that probably wouldn't help. The owner manual was no help. images were put this this and this together bolt, washer, and nut.

Stover:

Great help.

Thank you so much for posting the pictures of the orientation and location of the spring. I struggled with it for about an hour before searching for help. You nailed it!

I think it's sad when manufacturers put together a product and don't supply enough documentation on how to fix simple issues that come up. In the day and age where YouTube is a 'Go-To' resource for help, all they have to do is video the process once and post it.

Anyway, thanks again.

Stover

Vale:

I'm glad this helped!

Ron Nygaard:

I installed the torsion spring as you directed and it still doesn't lock the snow chute. Any suggestions?

Vale:

Hi Ron, try posting in the forum, you might get more help there - just use the "ask your question" box

Jim:

I did think of it for a second and just though it wasn't that easy, got frustrated, and here I am. Thanks for the info.

Jim

Vale:

Hi Jim, I can't help you, sorry, but hopefully you managed to post in the forum, just type your question in the "Ask Your Question" box and click submit :)

John:

Thanks I was so surprised to find this, but you had just what I needed. I was having no luck myself trying to figure out how the spring was installed.

Bignorm:

Thank you. This helped to fix my snow blower. Much appreciated.

Joe:

Thank you! I've been struggling with this spring for 2 hours. Didn't realize the lower end of the spring went in the hole. Expecting a foot of snow tonight. I'm good to go now!

Jim:

Thank you very much. I couldn't figure this out either from the horrible instructions supplied with the parts.

Ian:

Hi Jim -

Thanks for posting. I've been noodling this for a couple of hours and was stumped. Still haven't been able to get the pin in the hole, but at least I know what the goal is!

Ian:

Done! Finally. Again, thanks for the guidance!

Chuck:

Thanks for the explanation and pictures. I am having the same problem with my Ariens snowblower. Nothing Ariens has shows how that spring is to be attached. When I took the assembly apart the lower spring arm must not have been in the hole in that bracket which will give that locking arm tension. I bought the update kit as well but I think the real problem here is that the tensioner spring either pops out of the hole in the support bracket or the spring loses tension over time. Thanks for the pictures. They were a real help in solving this issue. You would think Ariens would provide better documentation on this issue. When I called the company they were not very knowledgeable about the whole problem.

Vale:

Glad this helped you!

bernie:

Where is the hole? I am so frustrated trying to get the torsion spring where it supposed to go??? Help???

Vale:

bernie, try posting your question in the forum, just click on the "Ask" at the top of the page

larry:

Hi, same issue, the previous gear looks like the end broke or got worn down. My question is where exactly is the lower spring going, what hole, is it in the hole on the locking arm itself where the cable comes in, or is it into the black metal hole? Also is there a trick to get it to stay in the whole while installing it, as there doesn't seem a good way to "lock it in" so it doesn't slip

Lee:

God bless you my friend. I had the exact problem you addressed and did you hit it exactly on the head. I agree with you that their blue line schematics of product do absolutely nothing in this case for example and in many other areas as well. I believe myself to have a mechanical aptitude, but too often there isn't that help you need like this for example without having to go to a dealer for repairs at one hundred dollars an hour or more. I have replaced starters, PTOs, switches and who knows what on all my equipment from time to time. In this case I just needed to see something as it is a task that I could perform. As usual, no help. But thanks to you, we are back in business. Sir, I truly thank you and appreciate you so very much.

Sincerely,

Lee

mark B:

Thanks so much for this, the issue I am having is getting the spring arm to hold in the hole plus the lengths of the spring ends are equal making it hard to get the length into the hole as you have shown.....it certainly requires immense patience...havent been successful so far.

Exhaust:

This is extremely helpful and well presented! Thanks

About Us

[Contributors](#)

[Moderators](#)

[Company](#)

Support

[FAQs](#)

[Ask a question](#)

[Site support](#)

[Contact us](#)

By entering this site you declare you read and agreed to the [Site Terms](#), acknowledged our [Privacy Policy](#) and you understand that your use of the site's content is made at your own risk and responsibility.

© 2006 - 2022 DIY Forums