



GTtalk → Barn → Lawn & Garden Tractors by Make → Bolens Tractor Forum



My GK

Started by Philgk, Nov 12, 2017 07:51 PM

[bolens,](#) [grounds keeper,](#) [gk960,](#)

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Bolens 1000 **OFFLINE**

Posted January 21, 2018 - 09:49 AM

Philgk, on 20 Jan 2018 - 8:30 PM, said:

yes, i agree, it looks like its been there a long time but i only resently started hearing the hissing. Of course, being new to me, maybe it was already there (I didn't know any better) and it finally got worse so i noticed it.

I will go to your website and order the gasket. I appreciate it.

Not being the most experienced with the THD is there anything else i should be looking for when i open it up?

Thanks again.

Phil

Id take a look at the valves and piston while you have it off see that they are seating properly and clean the carbon while your at it

Philgk **ONLINE**

Posted January 25, 2018 - 08:46 PM

Here are some pictures of the engine after removing the head.

Rear cylinder

Front cylinder (where the gasket failure happened)

Bottom of Head

Doesn't look too bad except a little carbon.

Got a new head gasket from BolensPartsandSupplies.com

oh, yes, I did break one of the bolts off in the block. Still working on those patience. :)

Attached Thumbnails



([https://gardentractortalk.com/forums/uploads/monthly_01_2018/post-](https://gardentractortalk.com/forums/uploads/monthly_01_2018/post-88568-0-59769900-1516927380.jpg)

[88568-0-59769900-1516927380.jpg](https://gardentractortalk.com/forums/uploads/monthly_01_2018/post-88568-0-59769900-1516927380.jpg))



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▲ Edited by Philgk, January 25, 2018 - 09:16 PM.

Philgk ONLINE

Posted January 25, 2018 - 09:08 PM

I found something cool I wanted to share with all y'all. I contacted Knowles Manufacturing in Wisconsin. I told them I was looking for info on the custom trailer Knowles made for Bolens specifically to carry the GK. Within a day I received a cool drawing of the trailer. Not sure if any of these are still in existence but it would be cool to have one.

Attached Thumbnails



([https://gardentractortalk.com/forums/uploads/monthly_01_2018/post-](https://gardentractortalk.com/forums/uploads/monthly_01_2018/post-88568-0-13176400-1516928869.jpg)

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Attached Files

 (https://gardentractortalk.com/forums/index.php?app=core&module=attach§ion=attach&attach_id=258375) **Knowles Tilt Bed Trailer Model B-158.pdf** (https://gardentractortalk.com/forums/index.php?app=core&module=attach§ion=attach&attach_id=258375) 1.25MB 54 downloads

Philgk ONLINE

Posted January 25, 2018 - 09:15 PM

I also found some cool patents a while back that have to do with the GK.

Attached Thumbnails

fireduet1 OFFLINE

Posted January 26, 2018 - 08:43 PM

great stuff! hard to believe the design is from 1969 - on one side it doesn't seem that long ago, other side is it is that long ago-before calculators, cell phones, same year as the Moon landing....

firedudet1 **OFFLINE**

Posted January 26, 2018 - 08:45 PM

separate thoughts - looks like the cylinder top could use a good cleaning

Philgk **ONLINE**

Posted January 27, 2018 - 09:51 AM

Any suggestions for cleaning? Tips? Things NOT to do?

[88568-0-98035200-1516929280.jpg](#)

firedudet1 **OFFLINE**

Posted January 27, 2018 - 02:27 PM

rags around the piston and then scrape - first then is gunk or something similar to cut all the grease and oil on the heads - whatever you use, be sure it doesn't react with aluminum - good soak in Dawn wouldn't hurt to clean off "stuff"

Philgk **ONLINE**

Posted January 27, 2018 - 06:26 PM

Thanks

Philgk **ONLINE**

Posted January 28, 2018 - 07:11 PM

Bolens 1000, on 20 Jan 2018 - 7:58 PM, said:

Looks like its been like that a while , the head gaskets I have instock but would have to order in the bolts, they are not cheap getting them through wisconsin though \$5.21 each!

if you want you can get grade #8 bolts at a hardware store heres the specs:

XD21 -3 required 5/16-18X1-1/2

XD19 15 required 5/16-18X1-1/4

Head gasket below:

<https://bolenspartsand...qd613e-qd613c/> (<https://bolenspartsandsupplies.com/wisconsin-engine-parts/qd613d-wisconsin-engine-vh4d-thd-vf4d-tjd-tfd-te-tf-head-gasket-qd613e-qd613c/>)

-

Philgk **ONLINE**

Posted January 28, 2018 - 07:13 PM

Do you have the bolt pattern? Were do the different length bolts go. All the bolts I took out of my head were 1-1/4" except 1. There are more taller bosses on the head than the 1-1/2" (3) count given in the manual and by you. I don't see a drawing in the manual showing this.

Thanks

Bolens 1000 **OFFLINE**

Posted January 28, 2018 - 07:20 PM

Heres the service manual,

<http://www.wiengines...W2880Repair.pdf> (http://www.wiengines.com/public/static/wm/images/catalogs/wisconsin/TJD_THD_TH_W2880Repair.pdf)

Dont know where the bolts go unfortunately, I usually make a cardboard drawing of the cylinder head and put them in that as I take the bolts out so I know where they go.

Philgk **ONLINE**

Posted January 29, 2018 - 08:13 PM

Ok
Thanks

Corvaireguy **OFFLINE**

Posted January 30, 2018 - 01:07 PM

One trick for "finding out which bolts go in which location" is to drop all the bolts, longer and shorter, in their suspected locations. They should all stand out of the head at the same height (plus a little if they also hold a bracket or something).

Philgk **ONLINE**

Posted January 30, 2018 - 08:17 PM

I'll give it a shot. Thanks

I was concerned about the bolt quality I was getting from Lowe's/HD or TSC and I was having trouble finding 1-1/4" grade 8 bolts so I went to my favorite place. McMaster Carr! I ordered bolts with certs. Only cents more but now I know the quality. All melted and rolled in North America. Canada's ok with me.

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Bolens Transaxle cleaning solvents?

Started by BolensNewb88, Mar 29, 2020 bolens, 1000, 600, 800, wisconsin and 5 more...

5 replies
119 views



29 Chev
Mar 29, 2020

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Started by rayford52, Mar 18, 2020 bolens, tiller, reverse, tines and 2 more...

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1963 BOLENS ESTATE KEEPER

Started by Philgk, Jan 11, 2020 bolens, estate keeper, 1963

0 replies
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Philgk
Jan 11, 2020

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Started by JeffDevisser, Dec 25, 2019 bolens, power ho and 2 more...

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JeffDevisser
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Bolens Grounds Keeper in Northern Idaho

Started by Mark 149 J., Dec 14, 2019 bolens, grounds keeper

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Mark 149 J.
Dec 14, 2019

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