

## Lagondaforum: Kigass copper pipe

### Re: Kigass copper pipe

*Written by Rich5ltr at Oct 18, 2018 10:36 pm*

Can I revive this thread from 2011 and ask if anyone can point me to instructions on how to rebuild my Ki-Gass pump? My 16/80 starts very easily without priming but as the pump is there I would like it to work even if it seems I don't need it! Thanks Rich...

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### Re: Kigass copper pipe

*Written by davidbracey at Oct 18, 2018 11:53 pm*

What's wrong with it Richard?

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### Re: Kigass copper pipe

*Written by Rich5ltr at Oct 19, 2018 11:11 am*

There is zero resistance in the pumping action so there is almost certainly no petrol being pumped. When I first got the car 3 years ago you could feel the fuel being pumped after a few pumps but now it just feels empty. I haven't worried too much because the car starts ok.

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### Re: Kigass copper pipe

*Written by davidbracey at Oct 19, 2018 12:49 pm*

It's not a complicated thing Richard, but it is a bit fiddly. A few ball bearings, springs, a diaphragm and graphite cord top seal the shaft. I think the piston has a square section o-ring that could need replacing. Once you start stripping it you'll need to persevere though. I have some graphite cord left over from when I did the one on my Aston. You're welcome to it.

I'm by no means an expert but if there's no resistance my guess is that the spring/ball is gummed up and will just need cleaning. I am pretty sure that some vintage tractors used these as well and that you can buy a service kit. [aerovintagespares.com](http://aerovintagespares.com) used to sell replacements once but I've no idea if they still do.

Good luck,

David

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### Re: Kigass copper pipe

*Written by cahallett at Oct 19, 2018 2:07 pm*

Hi Richard,

Check in the clubs old technical bulletins.

There is somewhere a how to rebuild of the kigass pump (they fitted these pumps to the Spitfire and Hurricane by the way).

The club spares also stock the ball bearings.

Best Regards

Chris

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### Re: Kigass copper pipe

*Written by bill at Oct 19, 2018 5:45 pm*

I believe they also fitted Kigass to certain oldish tractors so spares may be available in that world as well.

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### Re: Kigass copper pipe

*Written by Rich5ltr at Oct 19, 2018 6:46 pm*

Thanks for all the advice chaps, it's appreciated. Sounds like I simply need to remove it one wet Saturday and spread the parts out on the kitchen table! A job for when my wife is visiting her mother in Somerset... There is a tin of waxed string among the spares I inherited with the car, perhaps this

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was intended for the Ki-Gass pump?

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### Re: Kigass copper pipe

*Written by cahallett at Oct 23, 2018 10:30 am*

Hi Richard,

Do you have the Winter 2006/2007 club magazine No.112?

There is an article in there on how to rebuild/modify the Ki-Gas pump.

If not I can PM scanned images to you on FB.

Best Regards

Chris

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### Re: Kigass copper pipe

*Written by Rich5ltr at Oct 23, 2018 4:39 pm*

Received, many thanks Chris. Now to get cracking on it. 😊

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