Lagondaforum: Kigass copper pipe

Re: Kigass copper pipe
Written by Rich5ltr at Oct 18, 2018 9:36 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...

Re: Kigass copper pipe
Written by davidbracey at Oct 18, 2018 10:53 pm

What’s wrong with it Richard?

Re: Kigass copper pipe
Written by Rich5ltr at Oct 19, 2018 10:11 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.

Re: Kigass copper pipe
Written by davidbracey at Oct 19, 2018 11:49 am

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 perservere 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'f 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 by a service kit. aerovintagespares.com used to sell replacements once but I've no idea if they still do.

Good luck,

David

Re: Kigass copper pipe
Written by cahallett at Oct 19, 2018 1:07 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

Re: Kigass copper pipe
Written by bill at Oct 19, 2018 4:45 pm

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

Re: Kigass copper pipe
Written by Rich5ltr at Oct 19, 2018 5:46 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

was intended for the Ki-Gass pump?

Re: Kigass copper pipe

Written by cahallett at Oct 23, 2018 9:30 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

Re: Kigass copper pipe

Written by Rich5ltr at Oct 23, 2018 3:39 pm

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