

## Lagondaforum: Ki-Gass pump repair

### Ki-Gass pump repair

*Written by Peter S30 at Apr 24, 2015 11:13 am*

The Ki-Gass pump on my 2ltr was not working properly anymore. First I asked aerovintagespares.com for a service kit but they only seem to sell complete pumps (good copy of the original but at 399 GBP)

I removed my pump and opened it from the back side (the two fittings where the tubing is attached). In each one you have a small spring and metal ball acting as valves, pay attention to the different directions.

One of the springs was a bad replacement and rusty, the balls also had a bit rough surfaces. I ordered standard stainless steel springs from a company febrotec.de (0X-RDF1187 cost 2.60 EUR a piece, you certainly find other spring manufacturers in your country). The closest standard dimension was 4mm outer diameter, 11mm long and 0.3mm wire thickness. (Even better might be 4mm OD, 12 or 13 mm long and a bit thinner wire). New balls (4mm diameter) I took from a bicycle ball bearing.

It works much better now.

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### Re: Ki-Gass pump repair

*Written by davidbracey at Apr 28, 2015 7:18 am*

Hi Peter,

That is really interesting and useful so I have made a note of your advice in case I need it. Well done for finding a solution to what must have been a frustrating problem.

David

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