Ignition/Throttle Stator Tubes

Written by Southy66 at Feb 01, 2018 8:32 am

Hello,

I'm looking for advice regarding the tubes that run inside the steering column shaft, as the hand throttle control won't budge. I believe it's been crushed by the outer tube when the steering box lunched on its thrust bearings.

It won't rotate inside the shaft, and it will barely budge in or out. I'm thinking the best option is replacement, but does anyone have any experience of the same thing? Does anyone know where a replacement might be found?

I can live without the hand throttle, but because it's stuck fast, it will rotate with the steering wheel and take the horn hub with it, which is no good.

Hoping to have the car ready for a rally in two weeks, any suggestions gratefully received!

Thanks, Mike

Re: Ignition/Throttle Stator Tubes

Written by h14 at Feb 01, 2018 10:45 am

Hi Mike,

I see that unfortunately the scanned dismantled LG6 steering box photos I sent you last year don't include the stator tubes. I can however assure you that the inner tube should pull out of the outer fairly easily. Assuming you have the stator tubes assembly out of the car, try running a blow lamp up and down...that should both expand the outer tube and melt ancient grease sticking the tubes.

You could also measure the presumed damaged area with a micrometer for out of round, then put that area in a vice with the widest measurement to the jaws, compress, and feel as you do for any freeing off of the inner.

Amongst my spares I have some V12 steering head control parts, including the equivalent lever to that for the LG6 hand throttle. From this it is apparent that the control knob ring is merely soldered to the tube.

All this said, your description infers that both stator tubes rotate with the steering wheel shaft?

Laurence

Re: Ignition/Throttle Stator Tubes

Written by Colin M34 at Feb 01, 2018 8:13 pm

Mike,

Good news. I went and checked in the Lagonda Club spares and there is a complete second hand stator assembly with all the the controls pretty well ready to fit.

The part number is (I think) V081 and price is £120.

The delightful Leah is waiting for you to contact her. Or Robin. Phone number is +44 728 604040. email Spares@lagonda-club.com

I'm sure Robin will be able to arrange air freight for you so you may have just what you want in time for your rally.

Following the rule that "no two Lagondas are the same," - it may not fit -
you have been warned! if it does, this is magic!

I assume you are a paid-up Lagonda Club member. Leah will check.

Hopefully see you next time I am in your part of the world.

Colin M34

Re: Ignition/Throttle Stator Tubes

Written by Southy66 at Feb 01, 2018 9:20 pm

Hello Colin,

That is indeed good news. I've already asked the question through the club website, so I'll follow that up with the number you provided, and perhaps provide some measurements for comparison before proceeding. Yes, I am a paid up member (S82). I might just make it in time for the Rutherglen Classic, thanks to your help.

Thank you too, Laurence. To answer your question, the inner-most tube (ignition) rotates freely, but if I try to withdraw it from the shaft, it gets stuck at around about the place where I can see damage on the outer shaft. I can barely get the middle shaft (throttle) to withdraw at all, and only by applying some blows with a hammer and wood block so as not to damage the shaft any further. I have tried heat, without success.

Thank you both again for your responses, this forum is worth its weight in gold!

Regards, Mike

Re: Ignition/Throttle Stator Tubes

Written by Colin M34 at Feb 01, 2018 9:48 pm

Hi Mike

I suggest you speak to Robin tomorrow. Glad to be of help (hopefully)

Colin

Re: Ignition/Throttle Stator Tubes

Written by bill at Feb 02, 2018 4:59 pm

Fantastic help and service Colin ! What a Star !

Yes, this is what the Forum is all about. Enthusiasts just trying to help one another.

Re: Ignition/Throttle Stator Tubes

Written by Colin M34 at Feb 02, 2018 11:05 pm

Robin has put it in the post. I think it is the right one.

Colin

Re: Ignition/Throttle Stator Tubes

Written by Colin M34 at Mar 06, 2018 1:17 pm

Hi Mike,

Did the stator arrive OK and did you make it to the Rutherglen Classic OK in your car?

Colin

Re: Ignition/Throttle Stator Tubes

Written by Southy66 at Mar 07, 2018 4:50 am

Hi Colin,

Thanks for asking. I made the rally but I ended up putting the car back together without the ignition/hand throttle controls. The parts didn't arrive until

the day before I had to leave, so I didn't have time to fit them, but we made it and that's the main thing.

Steering box is back out of the car and back at the workshop to further improve the roller/worm gear clearance - there was too much play still. They will mount to the bench with the steering wheel and pre-load to adjust correctly, and also have a look at the tubes to get them working again.

Cheers, Mike
