Lagondaforum: 2 Litre Flywheel Ring Gear

2 Litre Flywheel Ring Gear

Written by alanelliott at Dec 30, 2014 5:32 pm

My ring gear is very badly worn, resulting in frequent jamming of the Bendix starter. I intend to fit one of the new ring gears which the Club produced some 25 years ago, when John Oliver was Spares Registrar. (Fortunately I bought one at the time!) I understand that the existing worn teeth must be machined-off the flywheel, and the new gear fitted, with the circle of twelve 0.312" dia bolts. But should it be shrunk on as well? Has anyone had experience of this job? Are there any points to bear in mind? Any advice would be very welcome. Alan Elliott

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Re: 2 Litre Flywheel Ring Gear

Written by Peter S30 at Jan 06, 2015 11:26 am

Dear Alan,

without personal experience: I would assume that 12 bolts and the ring machined so that it is centered without play should be good enough, then there is only shear force on the bolts, I don't see any reason to shrink it on. May be this statement helps to start a discussion or to get confirmation.

By the way I love reading your book: Lagonda Journey - Fifty years of Vintage Motoring

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Re: 2 Litre Flywheel Ring Gear

Written by ray sherratt at Jan 07, 2015 12:10 pm

The ring gear on 2.6/3ltr Lagonds aren`t shrunk on, they are a tight fit on an external diameter machined on the flywheel. There are 6x 5/16" bolts attaching it pluss the clutch to the flywheel. Does the ring gear fit purley onto a flat face without some form of spigot.
Ray.
