Aircooled VW Gearbox Rebuild / Upgrade Services

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Limebug Gearbox Reconditioning What you need to know

Why Upgrade / Rebuild your Gearbox?

There is a number of reasons customers look to re-con a gearbox / transmission, most commonly is to keep up with modern traffic; this is achieved by converting the ring and pinion. The ring (or crown) and pinion, is the most desirable of all the conversions as it draws out all the gears by a percentage, rather than just one single gear ratio, the ring and pinion is also known as the final drive in some cases.

The other commonplace reasons for having your gearbox overhauled is to strengthen common weak points, this can be converting from brass to steel selector forks, welding gear sets, machining and re-sleeving thee nosecone, uprated clutch fork Chromoly gears and much more which we can accomodate is required.

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You can also contact us for normal re-conditioning such as popping out of gear, or will not engage at all, reverse issue, whining, leaking, stiff gears/ grinding we can re-condition 99% of cases.

Choosing the right Gearbox Upgrade / Rebuild?

So you've decided for a ring and pinion upgrade, but which one?

Limebug offers 3x unique levels of "flyer" transmission upgrades

Decide on the three simple configurations Limebug has tailored for optimal use on modern roads and highways:

Freeway Flyer: The most common and popular choice,Suitable for Engine Sizes typically from 1600cc up on most models, when installed in a Bay Window or T25 1700-1900cc up, please consider the additional weight of large camper conversions such as Dormobile, Danbury, Westfalia.Will convert your box to:

T1 Gearbox 3.88 R&P, 0.89 4th Gear

002, 091 Gearbox 4.57 R&P, 0.89 4th Gear

Super Flyer: The perfect all rounder,Suitable for Engine Sizes typically from 1776cc up on most models (Will require a full flow cooling system for oil system, for more info on this get in touch), when installed in a Bay Window or T25 2000cc up, please consider the additional weight of large camper conversions such as Dormobile, Danbury, Westfalia.Will

convert your box to:

T1 Gearbox 3.88 R&P, 0.82 4th Gear

002, 091 Gearbox 4.57 R&P, 0.82 4th Gear

Ultra Flyer: The ultimate Long box,Suitable for Engine Sizes typically from 2027cc up on most models (Will require a full flow cooling system for oil system, for more info on this get in touch) also well suited to Subaru and Diesel conversions, when installed in a Bay Window or T25 2332cc up, please consider the additional weight of large camper conversions such as Dormobile, Danbury, Westfalia.Will convert your box to:

T1 Gearbox 3.44 R&P, 0.82 4th Gear

002, 091 Gearbox 4.57 R&P, 0.77 4th Gear

OE Reconditioning:

Furthermore, we are able offer complete OE Restorations on your Gearbox; for those with smaller engines/no desire to lengthen their gear ratios. We stock common size boxes on the shelf – with the further possibility to take your box in part exchange (core charge). Experiencing stiffness & noises in certain gears or RPMs? Our highly knowledgable Gearbox Restoration Team can help diagnose, repair and send back your Transmission; using high quality parts to ensure a long-lasting refresh.

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