

DESCRIPTION AND MODIFICATIONS

This gearbox is designed and manufactured by the "Turner" Manufacturing Company of Wolverhampton, England.

It is a 5 speed gearbox using synchromesh on all forward gears, the reverse gear being constant mesh.

Consisting of a composite cast iron bell housing and gear case, on the right hand side of which is an aperture for side mounting P.T.O.

The drive line is composed of a primary shaft, layshaft and mainshaft all of which are supported by taper roller bearings.

The reverse idler gear is supported by two parallel needle roller bearings, on its own separate shaft.

All gears are of helical tooth form and shot peened to give maximum gear wear resistance.

The synchromesh assemblies with sliding dog engagement, use a split pin synchronizer design to assist engagement, and a torque lock feature on all gears.

All three selector forks are carried on a single selector rail.

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This may seem a little out of place but I have heard about problems with people stealing work and selling it - for example on eBay.

If you're reading this and you bought this manual anywhere then you have been ripped off.

Please contact me via my email mikejamson@hotmail.com Otherwise I can be found on the dodge50 facebook page, if not then get in contact with Greg and he can pass the message on to me.

I have not done this pdf manual for my own personal gain and wish to see the community of 50 series owners benefit from the information here, and I do not want to see the community get taken advantage of and somebody else gain from it unfairly.

The information in pdf format will hopefully allow more of these wonderful trucks to stay on the road by providing information to everybody.

This has been quite a long and involved process to scan the manual and to convert it into a pdf format. I do apologise as I have used several different scanners and several different computers to do it, so there are no doubt some errors hidden throughout, as well as some editing errors.

I have aimed to balance quality and file size and hope that this balance meets to everybody's approval.

If you see an error please let me know and I will fix it as soon as I can.