



J2 TECHNICAL ARTICAL

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From Octagon Heaven

Resource: Blower's Manual

GEAR BOX RATIOS ON THE VINTAGE CARS

Although the gear ratio specifications have been listed earlier in a technical article, there are some questions on finding replacement gears.

The J2 was a WOLSELEY 4- SPEED BOX and some of ther other Vintage or MMM car gear box have the same gear ratios, thus the gears are of the same diameter and number of teeth.

Model	RATIO					Rev.
	1st	2nd	3rd	4th		
*J1, 2, 3	3.58/1	2.14/1	1.36/1	1/1		3.58/1
KN	4.18	2.32	1.36	1/1		4.18
*L1, 2	3.58	2.14	1.36	1/1		3.58
PA	4.18	2.32	1.36	1/1		4.18
*PB	3.58	2.14	1.36	1/1		3.58
NA, B	4.18	2.32	1.36	1/1		4.18
*NE	3.58	2.14	1.36	1/1		3.58

The M.G.F and the M.G.J4 had a E.M.V. 4 Speed gear box and ratios are different.

J4	2.69	1.86	1.36	1/1	2.83
F	4.02	1.83	1.36	1/1	2.69

Since those cars with Wolseley gear box set ups have the same ratio as the J2, I am told that the gear box was the same, thus the gears and shafts are the same and if you need a replacement gear, you can accept one from another car. Note those above marker*.

The key to remember is that the number of teeth must be the same, the bore size must be the same, the inside spline must have the same number of teeth, the outside diameter must be the same. Hope will have it that all other critical gear specifications will be the same!