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HUB, REAR WHEEL – RIGID ONLY

ASSEMBLY GUIDE

1941 - 1945

MATCHLESS G3L MILITARY MODELS

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by

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INTRODUCTION.

This guide is produced to allow the author to assemble parts for year/model specific restorations. I hope that this information is of value to other collectors.

My interest is assembling bikes which are correct for the year and model. Whilst all the bikes are not necessarily “correct” I am always on the lookout for the “correct” part. Like all addicts, I will never “be finished”.

DISCLAIMER.

This Restoration Guide has been prepared solely for the use of John Ready. Use by any other party is completely at the risk of that party.

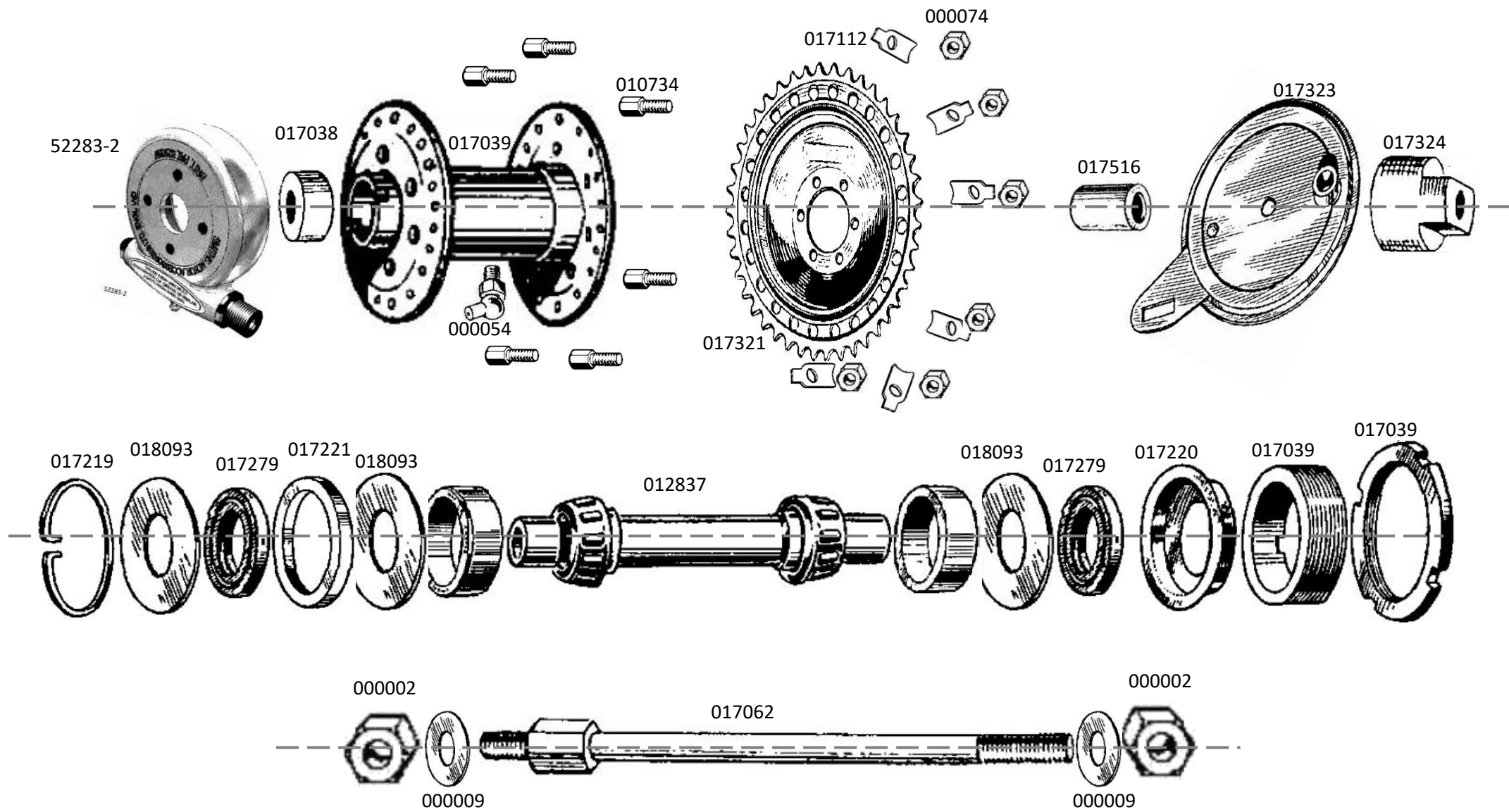
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1941 - 1945 350cc & 500cc Matchless G3L Military Models



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Description Common	No Off	Model	Year Model	Part No	Part No To Use	Notes
Hub, rear wheel, shell only	1	G3L	41/G3L	KF-W41-G3L-H2	017039	
Nipple, grease, for rear wheel hub, angular	1	G3L	41/G3L	STD-54	000054	
Spindle, hollow, with roller bearings, rear wheel	1	G3L	41/G3L	UF-11905	012837	only sold as a complete bearing. 1.500" O.D.
Oil-seal, for rear hub bearings	2	G3L	41/G3L	UF-11909	017279	Felt washer
Ring, spring, locating rear hub bearings	1	G3L	41/G3L	UF-11910	017219	
Cup, for rear hub bearing oil seal	1	G3L	41/G3L	UF-11911	017220	
Ring, spacing, for hub bearing oil-seal	1	G3L	41/G3L	UF-11912	017221	1.495" O.D x 1.190" I.D. x 0.185" thick.
Retaining ring, for felt washer or oil seal	3	G3L	41/G3L	UF-11913	018093	Part 017222 was also a replacement No.
Nut, lock, for the rear hub bearing adjusting ring	1	G3L	41/G3L	UF-11914	017223	1.945" O.D. x 1 9/16" 26 t.p.i. inside
Ring, adjusting, for the rear hub bearings	1	G3L	41/G3L	UF-11915	017224	1 9/16" O.D 26 t.p.i. x 0.595" long
Sprocket and brake drum, for rear wheel, 42 teeth, six-hole fixing	1	G3L	41/G3L	UF-41-G3-B15	017321	Chain, rear, 5/8" by .380
Bolt, retaining sprocket to rear hub	6	G3L	41/G3L	CF-37-12-H17	010734	
Washer, lock, sprocket retaining nut	6	G3L	41/G3L	CF-38-12-H18	017112	
Nut, sprocket retaining bolt	6	G3L	41/G3L	CF-STD-74	000074	
Spindle, centre, solid, for rear wheel	1	G3L	41/G3L	CF-W41-G3L-H4-A	017062	
Plate, cover, rear brake	1	G3L	41/G3L	KF-W41-G3L-B20	017323	
Spacer, for spindle (next to cover plate)	2	G3L	41/G3L	CF-W41-G3L-H106	017516	
Distance piece, for spindle (fits in fork end)	1	G3L	41/G3L	CF-W41-G3L-B54	017324	
Spacer, rear solid spindle (for speedometer gearbox)	1	G3L	41/G3L	CF-W41-G3L-H26-S	017038	
Nut, for solid spindle	2	G3L	41/G3L	CF-STD-2	000002	
Washer, for solid spindle	2	G3L	41/G3L	CF-STD-9	000009	