



J2 TECHNICAL ARTICLE

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From Octagon Heaven

Reference: MG Workshop Manual
by W.E. Blower

J2 MAINTENANCE AND TUNE UP SPECIFICATIONS

Front end :

Steering knuckle angle	9°
Castor angle	6°
King pin angle	6½°
Toe-in	3/16"

Fluid capacities:

Rear axle	1½ pints	- Duckham's Gear oil "N"
Petrol tank	12 gallon	(including 3 gallon reserve)
Engine sump	1 gallon	- summer - Duckham's Adcol NP. 5
		- winter - Duckham's Adcol NP. 5
Gear box	1½ pints	- Duckham's Gear oil "N"
Water capacity	2 gallons	

Engine:

Contact Breaker points	0.015" - 0.020"
Distributor Lucas DJ/4A-7-DA-O	- Points set at T.D.C. auto advance starts at 1,000 rpm and is full at 4,500 rpm, moving through 20° crankshaft angle.

Bore stroke & Capacity	-	57mm x 83 mm	847cc
Compression Ratio	-	6.2 : 1	
Firing order	-	1 3 4 2	
Ignition & Timing	-	12v coil & Distributor	
		auto adv from 20° B.T.D.C. to 40°	
		- Early engines were hand controled,	
Spark Plug	-	14 mm Lodge HD.14 or HNP	
Spark Plug gap	-	0.018"	
Tappet Clearance	-	0.006"	
Oil Pressure	-	40 to 60 lbs/sq. in.	

Tyres:

4.00 x 19"	Dunlop Starndard
tyre pressure	- 32 lbs/sq. in. front and rear

Battery:

Lucas	12 volt.
Amp. Hr. Cap.	10 hour rating - 50