



SERVICE

TECHNICAL SERVICE BULLETIN

The British Motor Corporation / Hambro Inc.

734 GRAND AVENUE, RIDGEFIELD, NEW JERSEY 07657

April 28, 1967

TO ALL DISTRIBUTORS AND DEALERS

Re: Tuning and Transmission Data

1275 MG Midget Mk III
Austin Healey Sprite Mk IV

Tuning information listed in some Driver Handbook Supplements has been found to be incorrect.

This Bulletin contains the correct information pertaining to the above listed models.

ENGINE	Engine type	1200 (4-cylinder overhead valve)
	Bore	2.78 in. (70.61 mm.)
	Stroke	3.2 in. (81.28 mm.)
	Cubic capacity	77.53 cu. in. (1275 c.c.)
	Compression ratio	8.8:1 or 8.0:1
	Firing order	1, 3, 4, 2
	Valve rocker clearance (cold)	.012 in. (.3 mm.)
	Idling setting	700 r.p.m. (hot)
	Oil pressure:	
	Normal (approx.)	40-70 lb./sq. in. (2.81-4.92 kg/cm ²)
	Idling (approx.)	20 lb. sq. in. (1.4 kg/cm ²)
IGNITION	Sparking plugs	Champion UN12Y
	Sparking plug gap	.024-.026 in. (.62-.66 mm.)
	Static ignition timing:	
	High Compression	7° B.T.D.C.
	Low Compression	7° B.T.D.C.
	Stroboscopic ignition timing	22° at 1,000 r.p.m.
FUEL SYSTEM	Contact breaker gap	.014-.016 in. (.35-.38 mm.)
	Carburettors	Twin S.U. type HS2
	Carburettor needles	Standard AN, Weak GG, Rich H6
	Spring	Light blue
	Pump	S.U. (Electric) type AUF 206
TRANSMISSION	Rear axle ratio	4.22:1
	Overall gear ratios:	
	First	13.504:1
	With Second	8.085:1
	Synchromesh Third	5.726:1
	Fourth	4.22 : 1
	Reverse	17.395:1

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