

DISTRIBUTOR TEST DATA

JAGUAR Mark 1 and 2

			VACUUM ADVANCE (distributor degrees) The distributor must be run immediately below the speed at which the centrifugal advance begins to function to obviate the possibility of an incorrect reading being registered.				CENTRIFUGAL ADVANCE (distributor degrees) Mount distributor in synchrograph and set to spark at zero degrees at 100 rpm.				
Distributor Type	Lucas Service Number	Lucas Vacuum Unit Number	Inches		No advance below in Hg	Lucas Advance Springs Number	Accelerate to rpm indicated and note advance in degrees		Decelerate to rpm indicated and note advance in degrees		No advance below rpm
			Hg	Degrees			rpm	Degrees	rpm	Degrees	
DMBZ 6A	40557A	424374	20 13 9½ 6½ 4	10-12 9½-11½ 6-8½ 1½-5 0-½	2½	424377	3500	24-26	2500 1650 1400 950 500	22-24 17-19 15-17 8-10 1-3	300
DMBZ 6A	40528A	423461	18 11½ 7½ 4 2½	11-13 10-12½ 5½-9 0-4 0-½	1	423750	3200	20-23	2500 1700 1100 800 450	18-20 14-16 11-13 8-11 ½-3½	300
DMBZ 6A	40578A	424374	20 13 9½ 6½ 4	10-12 9½-11½ 6-8½ 1½-5 0-½	2½	425183	3500	16-18	2400 1300 1100 650	14-16 10-12 7-10 ½-3½	400
DMBZ 6A	40576A	421027	20 12 8½ 6½	8-10 6-8 3-5 ½-3	5	424950	3200	17-19	2250 1000 800 450	15-17 10-12 7½-10½ ½-3½	275
DMBZ 6A	40617A	54410415	20 13 9 7½ 6	7-9 6-8½ 2½-5½ 0-3 0-½	4½	54410416	2000	12	850 450	7-9 0-2½	325
DMBZ 6A	40640A	54410709	25 14 10 6	6-8 4½-7½ 1-4½ 0-½	5	425183	3400	19	3000 2300 1300 1000 500	17-19 14-16 10-12 8-10 1-3	250
DMBZ 6A	40665A	421189	15 12 6 4	7-9 6-9 0-3 0-½	2½	54411290	2000	13	1500 1100 800 550 400	11-13 8-10 6-8 2½-4½ ½-2½	225

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Centrifugal advance weights, Lucas number 410033/S

Ignition distributors:

	2·4-litre		3·4-litre		3·8-litre	
Distributor type	DMBZ. 6A		DMBZ. 6A		DMBZ. 6A	
Type of carburettor air-cleaner	Oil bath	Oil bath	Paper element	Oil bath	Paper element	
7 : 1 compression ratio	40557A	40578A	40640A	40640A	40640A	
8 : 1 compression ratio	40528A	40576A	40640A	40640A	40640A	
9 : 1 compression ratio	—	40617A	40665A	40665A	40665A	
Cam dwell angle	35° ± 2°		35° ± 2°		35° ± 2°	
Contact-breaker gap	0·014-0·016in		0·014-0·016in		0·014-0·016in	
Contact-breaker spring tension (free contact)	18-24oz		18-24oz		18-24oz	