

# MGB

## Servicing Data

AKD 8470 Issue 2 July 1974



Engine oil capacity (including filter)	GT and Tourer: 7½ pt
Later sump (drain plug on angled face)	6 pt
Valve rocker clearance (cold)	0.015 in
Spark plug gap	0.025 in
Distributor gap	0.014–0.016 in
Distributor dwell angle	60±3°
Generator belt deflection	0.5 in
Cylinder head nut torque	45–50 lbf ft
Rocker shaft carrier nut torque	25 lbf ft
Manifold nut torque	15 lbf ft
Road wheel nut torque	60–65 lbf ft
Front wheel alignment	1/8–3/8 in toe-in
Disc brake-pad minimum thickness	1/8 in
Tyres:	
Cross-ply tyre size	560-145
Pressures (lbf/in²)	Tourer F19 R 22 GT F 20 R 24
Radial-ply tyre size	
	Tourer 155SR-14 GT 165SR-14 F 21 R 24
Pressures (lbf/in²)	
	F 21 R 24

Model	Tourer & GT	Tourer & GT	Tourer & GT	Tourer & GT	Tourer & GT
Year	1962-71	1971-73	1971-73	1972-73	1973 on
Distributor serial number	40897 41155	41288	41290	41032	41234 41391
Stroboscopic ignition timing <i>(Crank, degrees, vacuum disconnected)</i>	14° BTDC @ 600 rpm	13° BTDC @ 600 rpm	13° BTDC @ 600 rpm	15° BTDC @ 1000 rpm	11° BTDC @ 1000 rpm
Advance check <i>(Crank, degrees, vacuum disconnected)</i>	33° BTDC @ 2200 rpm	31–35° BTDC @ 2200 rpm	29–33° BTDC @ 3000 rpm	24–29° BTDC @ 2200 rpm	19–23° BTDC @ 2200 rpm
Idle speed (r.p.m.)	500	750–800	750–800	750	850
Fast idle speed (rpm)				1100–1200	1100–1200

# MGB GT V8

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Engine oil capacity (including filter)	8 pt
Spark plug gap	0.035 in
Distributor gap	0.014–0.016 in
Distributor dwell angle	26–28°
Generator belt deflection	0.5 in
Cylinder head nut torque	68 lbf ft
Rocker shaft carrier nut torque	28 lbf ft
Exhaust manifold nut torque	13 lbf ft
Induction manifold nut torque	28 lbf ft
Road wheel nut torque	60 lbf ft
Front wheel alignment	1/8–3/8 in toe-in
Disc brake pad minimum thickness	1/8 in
Radial ply tyre size	
	175HR-14
Pressures (lbf/in²)	
Normal load	F21 R25
Max load and/or sustained high speed	F26 R32

Model	GT V8
Year	1973 on
Distributor serial number	41394
Stroboscopic ignition timing <i>(Crank, degrees, vacuum disconnected)</i>	8° BTDC @ 1000 rpm
Advance check <i>(Crank, degrees, vacuum disconnected)</i>	26–30° BTDC @ 2000 rpm
Idle speed (rpm)	800–850
Fast idle speed (rpm)	1400–1500