

SCHEDULE OF REPAIR TIMES

CONFIDENTIAL
FOR TRADE GUIDANCE ONLY

## M.G.

### MGB

# SCHEDULE OF REPAIR TIMES

The time allowances are based on the actual time required to perform the operation under conditions of normal wear and tear, using the recommended service tools, plus time for handling the car, obtaining tools and replacement parts, and for personal requirements.

The time quoted in the Schedule should be considered as the maximum required for performing the operations to which they refer. When B.M.C.-required mechanics, modern service equipment, and recommended service trained mechanics, modern service equipment, and recommended service tools are employed it should be possible to effect reductions in the time allowances given.

Each operation is complete in itself; no allowance has been made for rusted or seized parts due to neglect or misuse, or for inaccessibility created by accident damage.

If it is necessary to remove a non-standard accessory or component to gain access, a reasonable time allowance may be added.

Testing and reporting only is chargeable. The cost of diagnosis and final test, however, should be absorbed as a normal overhead expense.

Time study report blanks are provided for use should the Distributor or Dealer fail to carry out the operation in the time allowed.

The Company reserves the right to make alterations to this Schedule without notice should it be deemed necessary consequent upon design or other alterations.

M.G. CAR COMPANY LIMITED ABINGDON-ON-THAMES, BERKSHIRE

NUFFIELD EXPORTS LIMITED COWLEY, OXFORD, ENGLAND

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Operation Number	Description of Operation	Hrs.	ne Min.
7111111111	ENGINE		
E.135	Fan pulley, remove and refit or fit new	1	-
E.136	Heater water return pipe, remove and fit new	0-	20
E.137	Heater water return pipe hose, remove and fit new	-	20
E.138	Oil cooler, remove and refit or fit new	-	30
	Oil cooler pipes, remove and fit new, each	6-	20
E.139	Oil pump, remove, dismantle, clean, and refit	2	30
E.140	Petrol hose, between carburetters, remove and fit new	-	20
E.141	Petrol hose to rear carburetter, remove and fit new		15
E.142		1	30
E.143	Petrol pipe, main line, remove and fit new		
E.144	Piston assemblies, remove and fit new set, includes removing cylinder head and sump, measuring cylinder bores checking connecting rod alignment, and reassembling.		30
E.145	Piston assemblies, remove and fit new set, includes removing cylinder head and sump, reboring cylinder block checking connecting rod alignment, and reassembling.	,	30
E.146	Piston assemblies, remove and fit new set, includes removing cylinder head and sump, reboring cylinder block decarbonizing and grinding in valves, checking connecting rod alignment, and reassembling	-	
E.147	Revolution counter drive pinion and/or oil seal, removand fit new	e . 1	15
E.148	Steady stay, remove, fit new buffer rubbers and bushes refit, and adjust	. –	45
E.149	Sump, remove, clean and refit	. 2	45
E.150	Water pump connector pipe, remove and fit new		- 30
E.151	Water pump connector pipe hose, remove and fit new .	1	- 30
2.152	Welch plug, side, remove and fit new, one only		
3.153	Welch plug, side, remove and fit new, set		2 30
1.154	Welch plug, rear, remove and fit new, includes removir and refitting engine	g	

Opera	Description of Operation	Hrs.	me Min.
Numi		1	0
	GEARBOX	6	P
	Gearbox assembly, remove and refit	8	30
G.1 G.2	Gearbox assembly, remove, dismantle, fit new parts as necessary, reassemble, and refit	13	5 30
G.3	Gearbox assembly, remove, fit new front cover gasket, and refit	9	15
G.4	Gearbox assembly, remove, fit new rear extension gasket, and refit	9	45
G.5	Gearbox assembly, remove, fit new side cover gasket, and refit	8	15
G.6	Gearbox assembly, remove, fit new speedometer drive gear, and refit	9	45
G.7	Gearbox assembly, remove, fit new synchromesh units, and refit	12	15
G.8	Gearbox change speed lever draught excluder, remove and fit new	-	20
G.9	Gearbox rear extension oil seal, remove and fit new	1	30
G.10	Speedometer drive gear pinion, remove and fit new		30
G.11	Speedometer drive gear pinion adaptor box, remove and fit new	-	20
	CLUTCH		
C.1	Clutch assembly, remove and refit	7	45
C.2	Clutch assembly, remove, dismantle, fit new parts where necessary, and reassemble	8	15
2.3	Clutch master cylinder, remove and refit or fit new and bleed		
.4	Clutch master cylinder, remove, dismantle, fit new parts as necessary, reassemble, refit, and bleed	-	
	Clutch master cylinder pipe, remove, fit new, and bleed	1	15
	Clutch release bearing, fit new		30
		13	30

C.8 Clutch slave cylinder, remove, dismantle, fit new parts as necessary, refit, and bleed	Operation Number	Description of Operation	Tin Hrs.	Min.	
C.8 Clutch slave cylinder, remove, dismantle, fit new parts as necessary, refit, and bleed		CLUTCH		30	
C.9 Clutch slave cylinder hose, remove, fit new, and bleed — 30  C.11 Clutch and brake pedal assemblies, remove and fit new 1  C.12 Clutch and brake pedal assemblies, remove, rebush, and refit 30  C.13 Clutch withdrawal lever dust cover, remove and fit new — 30  PROPELLER SHAFT  P.1 Propeller shaft, remove and refit — 30  Propeller shaft, front or rear end, dismantle, fit new universal joint, and refit, each 1 15  P.3 Propeller shaft, front and rear ends, dismantle and fit new universal joints, pair 2 2	C.7	Clutch slave cylinder, remove and refit or fit new and ofects			
C.11 Clutch and brake pedal assemblies, remove and fit new	C.8	necessary, rent, and otto	-		
C.11 Clutch and brake pedal assemblies, remove and fit new  C.12 Clutch and brake pedal assemblies, remove, rebush, and refit  C.13 Clutch withdrawal lever dust cover, remove and fit new  PROPELLER SHAFT  P.1 Propeller shaft, remove and refit  P.2 Propeller shaft, front or rear end, dismantle, fit new universal joint, and refit, each  P.3 Propeller shaft, front and rear ends, dismantle and fit new universal joints, pair  REAR AXLE  RA.1 Axle complete, remove and refit, includes bleeding and adjusting brakes  RA.2 Axle half-shaft, remove and refit or fit new  RA.3 Axle half-shaft joint washer, fit new  RA.4 Differential cage bearings, remove and fit new, both  RA.5 Gear carrier assembly, remove and fit new parts as necessary, reassemble, adjust, and refit  RA.7 Hub, rear, remove and fit new and/or new bearings and	C.9	Clutch slave cylinder hose, remove, fit new, and bleed	-	30	
C.12 Clutch and brake pedal assemblies, remove, rebush, and refit		Clutch and brake pedal assemblies, remove and fit new	1		
PROPELLER SHAFT  P.1 Propeller shaft, remove and refit		Clutch and brake pedal assemblies, remove, rebush, and refit	1		
P.1 Propeller shaft, remove and refit	C.13		-		U
P.1 Propeller shaft, remove and refit					
P.2 Propeller shaft, front or rear end, dismantle, fit new universal joint, and refit, each					30
P.3 Propeller shaft, front and rear ends, dismantle and fit new universal joints, pair  REAR AXLE  RA.1 Axle complete, remove and refit, includes bleeding and adjusting brakes  RA.2 Axle half-shaft, remove and refit or fit new  RA.3 Axle half-shaft joint washer, fit new  RA.4 Differential cage bearings, remove and fit new, both  RA.5 Gear carrier assembly, remove and fit new  RA.6 Gear carrier assembly, remove, dismantle, fit new parts as necessary, reassemble, adjust, and refit  RA.7 Hub, rear, remove and fit new and/or new bearings and	P.1	Propeller shaft, remove and refit			
P.3 Propeller shaft, front and rear ends, dismantle and fit new universal joints, pair  REAR AXLE  RA.1 Axle complete, remove and refit, includes bleeding and adjusting brakes	P.2	universal joint, and rent, each			15
RA.1 Axle complete, remove and refit, includes bleeding and adjusting brakes	P.3	Propeller shaft, front and rear ends, dismantle and fit nev		2	
RA.1 Axle complete, remove and refit, includes bleeding and adjusting brakes					
RA.2 Axle half-shaft, remove and refit or fit new 30  RA.3 Axle half-shaft joint washer, fit new 3  RA.4 Differential cage bearings, remove and fit new, both 4  RA.5 Gear carrier assembly, remove and fit new 2  RA.6 Gear carrier assembly, remove, dismantle, fit new parts as necessary, reassemble, adjust, and refit 8  RA.7 Hub, rear, remove and fit new and/or new bearings and					
RA.2 Axle half-shaft, remove and refit or fit new — 30  RA.3 Axle half-shaft joint washer, fit new — 3  RA.4 Differential cage bearings, remove and fit new, both 4  RA.5 Gear carrier assembly, remove and fit new 2  RA.6 Gear carrier assembly, remove, dismantle, fit new parts as necessary, reassemble, adjust, and refit 8  RA.7 Hub, rear, remove and fit new and/or new bearings and	RA.1	Axle complete, remove and refit, includes bleeding an adjusting brakes	nd	4	30
RA.3 Axle half-shaft joint washer, fit new	RA.2				30
RA.4 Differential cage bearings, remove and fit new, both 4  RA.5 Gear carrier assembly, remove and fit new 2  RA.6 Gear carrier assembly, remove, dismantle, fit new parts as necessary, reassemble, adjust, and refit 8  RA.7 Hub, rear, remove and fit new and/or new bearings and	RA.3				3(
RA.5 Gear carrier assembly, remove and fit new	RA.4			4	
RA.7 Hub, rear, remove and fit new and/or new bearings and	RA.5			2	
RA.7 Hub, rear, remove and fit new and/or new bearings and	RA.6	Gear carrier assembly, remove, dismantle, fit new parts necessary, reassemble, adjust, and refit	35	8	
	RA.7	Hub, rear, remove and fit new and/or new bearings a	and	1	

Opera Num			me Min.
Num	REAR AXLE		
RA.8	Gt new oil seal and refit	1	-
RA.9	Hub, rear, remove, fit new studs, and refit	1	10.00
RA.1	Pinion oil seal, remove and fit new	1	-
	STEERING GEAR AND FRONT SUS- PENSION		
SS.11	Steering-column assembly, remove and refit	1	-
SS.12	Steering-column, remove, fit new upper nylon bush and lower felt bush, and refit	1	45
SS.13	Steering rack and pinion assembly, remove and refit	3	15
SS.15	Steering rack and pinion assembly, remove, dismantle, fit new parts as necessary, reassemble, and refit	4	30
SS.16	Steering tie-rod ball ends, remove and fit new, each	_	30
SS.17	Steering tie-rod ball ends, remove and fit new, both	-	45
SS.18	Steering-wheel, remove and refit		30
SS.28	Wheels, check alignment and reset	_	20
SS.29	Wheel, remove, balance, and refit, one only		30
SS.30	Wheels, remove, balance, and refit, complete set, including spare	1	45
SS.32	Shock absorber, front, remove and fit new, each		73
SS.35	Anti-roll bar, remove and refit	1	
SS.36	Anti-roll bar link, remove and fit new		30
S.37		-	20
LEES .	Check rubber, front, remove and fit new	-	20
	Coil spring, remove and refit or fit new, each	1	30
S.39	Hub, front, remove and fit new and/or new bearings and oil seal		
S.40	Hub, front, remove fit new oil and	1	15
	Hub, front, remove, fit new oil seal, and refit	1	-

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#### STEERING GEAR AND FRONT SUS-PENSION Hub, front, remove, fit new studs, and refit \$5.41 Steering-column universal joint, remove and fit new .. - 45 SS.42 Steering-column universal joint, remove, dismantle, over-SS.43 haul, and refit .. .. .. .. .. SS.44 Steering rack and pinion assembly, fit new damper pad and SS.45 Suspension front cross-member assembly, remove and refit, SS.46 includes bleeding brakes .. .. .. .. Suspension front cross-member assembly, remove, com-SS.47 pletely dismantle, fit components to new cross-member, reassemble, and refit, includes bleeding brakes . . 45 Suspension unit complete, remove, dismantle, fit new parts SS.48 as necessary, reassemble, and refit, one side ... 30 Swivel axle and pin assembly, remove, rebush swivel axle, SS.49 30 fit new swivel pin if required, and reassemble ... Swivel pin trunnion link, remove and fit new .. ... SS.50 Swivel pin trunnion link bearing bushes, remove and fit SS.51 45 new, one side .. .. .. .. .. .. SS.52 Wishbone assembly, bottom, remove, fit new and/or 15 bushes, and refit .. .. .. .. .. 30 Wishbone pivot, remove and fit new and/or bushes SS.53 REAR SUSPENSION 30 RS.21 Wheel, remove, balance, and refit, one only Wheels, remove, balance, and refit, complete set, including RS.22 45 Bump rubber, rear, remove and fit new .. .. --RS.42 Road spring, rear, remove and fit new, each .. .. RS.43

Time

Operation Number	Description of Operation	,	Time Hrs. Mi		
	ELECTRICAL				5
EE.116	Map lamp bulb, fit new	**			
EE.117	Map lamp switch, remove and fit new				10
EE.118	Petrol gauge illuminating light bulb, fit new				10
EE.119	Side/flasher lamp lens rim, fit new, each	**			10
EE.120	Tail/flasher lamp lens, remove and fit new, each	**		-	20
	BODY				
BD.1	Bonnet, remove, refit, and adjust			-	30
BD.4	Bonnet lock, remove, fit new, and adjust			-	30
BD.5	Bonnet prop, remove and fit new			===	10
BD.6	Bonnet safety catch, remove, fit new, and adjust			-	15
BD.7	Boot lid, remove, refit, and adjust			-	30
BD.8	Boot lid lock, remove and fit new			-	20
BD.11	Boot lid striker, remove and fit new		• • •	-	10
BD.12	Boot sealing rubber, remove and fit new			-	45
BD.13	Bumper, front, remove and fit new		•••	-	30
BD.14	Bumper, rear, remove and fit new			-	30
BD.15	Bumper, over-rider, remove and fit new			_	20
BD.17	Door, remove and refit, each			-	45
BD.23	Door glass ventilator assembly, remove and refi	t or fi	t new	3	_
BD.25	Door glass window winder assembly, remove a fit new	nd re	efit or	3	15
BD.26	Door handle, inner, remove and refit				10
BD.27	Door handle, outer, remove and refit				
					30
		-			30

BD.110

Time

	BODY		
BD.111	Bonnet hinge, remove and fit new, each		30
BD.112	Boot lid lock push-button assembly, remove and fit new	-	20
BD.113	Boot lid nameplate, 'M.G.', remove and fit new		20
BD.114	Boot lid nameplate, 'MGB', remove and fit new	7	10
BD.115	Door capping, remove and refit	-	45
BD.116	Door hinge, top or bottom, remove and fit new, each door	2	-
BD.117	Door hinges, top and bottom, remove and fit new pair, each door	2	15
BD.118	Door lock, private, remove and fit new	1	-
BD.119	Door lock, remote control, remove and fit new	1	30
BD.120	Door-pull handle, remove and fit new	-4	10
BD.121	Door glass window winder handle, remove and refit		
BD.122	Fairing, body, front, remove and refit	1	30
BD.123	Fascia crash-roll assembly, remove and fit new	2	15
BD.124	Hood, remove and fit new	1	
BD.125	Instrument panel hood, remove and fit new	4	8 (24
BD.126	Radiator diaphragm, remove and fit new	-	45
BD.127	Windshield assembly, remove and refit or fit new	4	
BD.128	Windshield assembly, remove, reglaze, and refit	6	
BD.129			
BD.130	Wing, front, remove and refit, includes removing, refitting, and focusing headlamp	4	30

### MAINTENANCE SERVICE

After Sales service			 		 6	_
3,000 and 9,000 miles	s serv	rice	 		 2	45
6,000 miles service			 		 6	-
12,000 miles service			 	1	 7	30