



**THE BRITISH MOTOR CORPORATION  
(AUSTRALIA) PTY. LIMITED**

**AUSTIN FREEWAY  
WOLSELEY 24/80**

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**SCHEDULE OF REPAIR AND  
ADJUSTMENT TIME ALLOWANCES**

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FOR TRADE GUIDANCE ONLY

CONFIDENTIAL

**PART No. TP 678**

**BRITISH MOTOR CORPORATION  
(AUST.) PTY. LTD.**

**AUSTIN FREEWAY  
WOLSELEY 24'80**

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**SCHEDULE OF REPAIR TIMES**

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This Schedule is issued as a guide to MAXIMUM time allowances under conditions of normal wear and tear and is based on the times required by the average mechanic using recommended service tools where necessary.

On an isolated operation it is permissible to make a minimum charge for 30 minutes' work even if the scheduled time allowance be less than 30 minutes.

Increased time may be allowed:—

When difficulties arise due to rust, seizure of parts, or the need for excessive cleaning down.

When an abnormal condition of the vehicle (damaged in accident, etc.) necessitates extra work.

When extra time is required for additional road-testing at speed outside a restricted or congested area.

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

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<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
<b>ENGINE</b>		
E.1	Engine only, remove and refit	10 —
E.2	Engine only, remove from frame, fit replacement, change over all ancillary equipment, including cleaning and adjusting carburetter, distributor, and air cleaner	11 30
E.3	Engine, gearbox and front suspension complete unit, remove and refit	7 —
E.4	Engine and gearbox, remove from frame, fit replacement power unit, changing over all ancillary equipment	8 30
E.5	Air cleaner, remove and fit new element	15
E.6	Carburetter, adjust idle	10
E.7	Carburetter, remove, dismantle and clean, completely overhaul, refit, and adjust	1 30
E.8	Carburetter, remove and refit	45
E.9	Connecting rod bearings, remove and refit, one pair only	2 45
E.10	Extra per pair	10
E.11	Crankshaft and camshaft gears, remove and refit or fit new	3 15
E.12	Crankshaft damper pulley, fit new	1 —
E.13	Cylinder drain tap, remove and refit	20
E.14	Cylinder head, remove and refit	3 —
E.15	Cylinder head bolts, tighten and check rocker clearances	45
E.16	Cylinder side plates, fit new gaskets	30
E.17	Decarbonize, grind in valves, and tune	8 —
E.18	*Crankshaft, remove and refit. Fit new bearings	4 30
E.19	Camshaft, remove and replace	4 —
E.20	Engine mounting rubbers, front, remove and fit new	2 —
E.21	Exhaust pipe and silencer complete assembly, remove and fit new	1 15
E.22	Exhaust down-pipe, remove and fit new	1 15

\* After power unit removal from vehicle

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
<b>ENGINE—continued</b>		
E.23	Exhaust tail-pipe, remove and fit new ....	30
E.24	Fan belt, adjust ....	10
E.25	Fan belt, fit new ....	15
E.26	Fan blades, fit new ....	30
E.27	†Flywheel, remove and refit ....	1 —
E.28	Manifolds, exhaust and induction, remove and refit ....	1 —
E.29	Oil filter, remove and fit new ....	10
E.30	Oil gauge pipe assembly, fit new ....	45
E.31	Oil pressure relief valve, clean and refit ....	20
E.32	Oil pump, remove, dismantle, clean and refit ....	3 30
E.33	Petrol pipes, flexible to petrol pump, remove and fit new, each ....	30
E.34	Petrol pipe, flexible, main line to carburetter, remove and fit new ....	10
E.35	Petrol pipe, main line, remove and fit new ....	1 15
E.36	Petrol pump, remove and fit new ....	45
E.37	Piston assemblies or piston rings remove and fit new set, including removal of cylinder head, sump, measuring cylinder bores, checking connecting rod alignment, and reassembling ....	10 —
E.38	Radiator, remove and fit new ....	1 —
E.39	Radiator bottom hose, fit new ....	20
E.40	Radiator top hose, fit new ....	15
E.41	Rockers, adjust, set ....	30
E.42	Rocker cover, fit new gasket ....	15
E.43	Rocker shaft assembly, remove, clean oilways, and reassemble ....	1 15
E.44	Rocker shaft assembly, remove, overhaul, and refit ....	3 15
E.45	Sump, remove, clean, and refit ....	2 30
E.46	Tappets, remove and fit new ....	2 30
E.47	Thermostat, remove and fit new ....	15

† After removal of gearbox

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
<b>ENGINE—continued</b>		
E.48	Throttle ball joint linkage, remove, fit new, and adjust	20
E.49	Timing gear cover, remove and refit	2 30
E.50	Timing chain, fit new	3 15
E.51	Tune engine, including adjusting rockers, cleaning and adjusting sparking plugs and distributor points, cleaning and adjusting carburetter, cleaning petrol pump filter, checking air cleaner, and adjusting ignition timing	3 —
E.52	Water pump, remove and fit new	2 —
E.53	Water pump, remove, overhaul, and refit	2 45
<b>GEAR BOX</b>		
G.1	Gearbox assembly, remove and refit	4 —
G.2	Gearbox assembly, remove and refit, completely dismantle, fit new parts where necessary and reassemble	8 —
G.3	Gearbox front cover, remove and fit new gasket	4 30
G.4	Gearbox rear extension cover, fit new oil seal	1 —
G.5	Adjust gearshift linkage and test	30
G.6	Gearchange cross shaft, remove and fit new	1 15
<b>CLUTCH</b>		
C.1	Clutch assembly, remove and refit	4 30
C.2	Clutch release bearing, fit new	4 15
C.3	Clutch slave cylinder, remove, dismantle, fit new part as necessary, reassemble, refit and bleed	1 15
C.4	Master cylinder, clutch, remove, dismantle, fit new parts as necessary, refit, and bleed	1 30
<b>PROPELLER SHAFT</b>		
P.1	Propeller shaft, remove and refit	30
P.2	Propeller shaft, front or rear end, dismantle and fit new universal joint	1 —
P.3	Propeller shaft, front and rear ends, dismantle and fit new universal joints	1 30
P.4	Propeller shaft, dismantle universal joints, clean repack and replace	— —

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
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### REAR AXLE

RA.1	Axle complete, remove and refit, including bleeding and adjusting brakes	4 —
RA.2	Axle shaft joint washer, fit new	15
RA.3	Differential cage bearings, remove and fit new, both	4 —
RA.4	Gear carrier assembly, remove and refit	2 —
RA.5	Gear carrier assembly, remove and refit, reset pinion preload and position	5 —
RA.6	Gear carrier assembly, remove, dismantle, fit new parts as necessary, reassemble, adjust, and refit	6 —
RA.7	Hub bearing, remove and fit new, each	45
RA.8	Hub oil seal, remove and fit new, each	1 —
RA.9	Pinion oil seal, remove and fit new, each	1 —

### STEERING GEAR AND SUSPENSION

SS.1	Coil spring, front, remove and refit or fit new, each	45
SS.2	Front suspension unit, remove, overhaul, bleed and adjust brakes, and refit, one side only (not removing crossmember)	3 30
SS.3	Front suspension unit, remove, overhaul, bleed and adjust brakes, and refit, both sides (removing crossmember)	6 30
SS.4	Front hub, remove, dismantle, fit new bearings, and refit, one side only	1 —
SS.5	Front hub, remove, fit new oil seal, and refit, one side only	45
SS.6	Road springs, rear, remove and fit new, each	1 —
SS.7	Road springs, rear, remove, dismantle, clean, reassemble, and refit, each	1 45
SS.8	Shock absorber, front, remove and fit new, each	1 —
SS.9	Shock absorber, rear, remove and fit new, each	30
SS.10	Steering arms, remove and fit new, each	1 —



<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
<b>BR A K E S—<i>continued</i></b>		
B.13	Hand brake cable assembly, remove and fit new	45
B.14	Hand brake lever pawl and ratchet, remove, fit new, and adjust	1 —
B.15	Hose, remove and fit new, including bleeding brakes, each	45
B.16	Hoses, remove and fit new set, including bleeding system	1 15
B.17	Master cylinder, brake, remove, dismantle, fit new parts as necessary, refit, and bleed	1 30
B.18	Wheel cylinder, remove, dismantle, fit new parts as necessary, reassemble, bleed and adjust brakes, each	1 15
B.19	Wheel cylinder, remove, dismantle, fit new parts as necessary, reassemble, bleed and adjust brakes, set of front	2 30
B.20	Wheel cylinder, remove, dismantle, fit new parts as necessary, reassemble, bleed and adjust brakes, set of rear	2 —
<b>E L E C T R I C A L   E Q U I P M E N T</b>		
EE.1	Battery, remove and refit or fit new	20
EE.2	Battery, check specific gravity readings clean terminals, and top up	15
EE.3	Battery fixing bolts, remove and fit new pair	15
EE.4	Coil, remove and fit new	15
EE.5	Control unit, remove and fit new	20
EE.6	Control unit, check and reset charge rate	20
EE.7	Dip switch, remove and fit new	30
EE.8	Distributor, fit new contact breaker points and adjust	45
EE.9	Distributor, fit new H.T. leads	30
EE.10	Distributor unit, remove, refit and retime	30
EE.11	Distributor unit, remove, dismantle, clean and fit new parts as necessary	1 30
EE.12	Dynamo, remove and fit new	30

**ELECTRICAL EQUIPMENT**

—continued

EE.13	Dynamo, remove, clean, check, and refit	1	15
EE.14	Dynamo connections, clean and tighten		15
EE.15	Flasher indicator unit, fit new bulb		5
EE.16	Flasher switch, remove and refit or fit new		45
EE.17	Flasher unit, remove and refit or fit new		15
EE.18	Headlamp assembly, remove, fit new, and focus, each		30
EE.19	Headlamp bulb, fit new		10
EE.20	Headlamps, refocus, pair		30
EE.21	Headlamp glass assembly, remove and fit new		15
EE.22	Headlamp and side lamp rim cover, remove and fit new		10
EE.23	Headlamp warning light bulb, fit new		10
EE.24	Heater, complete assembly, fit and wire up:		
	Wolseley	5	—
	Freeway	1	—
EE.25	Heater unit, remove and refit or fit new motor:		
	Wolseley	3	—
	Freeway		45
EE.26	Horn, remove and fit new, each		15
EE.27	Ignition starter switch, remove and refit or fit new		30
EE.28	Ignition warning light bulb, fit new		10
EE.29	Interior dash lamp bulb, remove and fit new, each		10
EE.30	Interior dash lamp door switch, remove and fit new, each		10
EE.31	Lighting switch, remove and refit or fit new		30
EE.32	Panel light bulbs, fit new, each		5
EE.33	Panel light switch, remove and refit or fit new		20
EE.34	Rear number-plate lamp bulb, fit new		10
EE.35	Rear number-plate lamp complete, remove and fit new		20
EE.36	Sidelamp, remove and refit or fit new		30

**ELECTRICAL EQUIPMENT**

—continued

EE.37	Sidelamp bulb, fit new	10
EE.38	Sidelamp glass, remove and fit new	10
EE.39	Sparking plugs, remove, clean, adjust, and refit, set	30
EE.40	Starter motor, remove and fit new	1 —
EE.41	Starter motor, remove, dismantle, clean, check, and refit	1 45
EE.42	Starter solenoid, remove and fit new	20
EE.43	Stop lamp switch, remove, fit new, and bleed brakes	15
EE.44	Tail lamp, remove and refit or fit new, each	30
EE.45	Tail lamp bulb, remove and fit new, each	10
EE.46	Tail lamp glass, fit new, each	15
EE.47	Windshield wiper blade, remove and fit new	5
EE.48	Windshield wiper motor, remove and fit new	2 30
EE.49	Windshield wiper motor, drive cable, and wheel-box assembly, remove and fit new	3 15
EE.50	Windshield wiper switch, remove and fit new	20
EE.51	Windshield wiper wheelbox assembly, remove and fit new, each	1 —

**INSTRUMENTS**

I.1	Mixture control, remove and fit new	30
I.2	Oil pressure gauge, remove and fit new	30
I.3	Petrol gauge dash unit, remove and fit new	30
I.4	Petrol gauge tank unit, remove and fit new	1 —
I.5	Speedometer head, remove and fit new	30
I.6	Speedometer cable complete, remove and fit new	30
I.7	Temperature gauge, remove and fit new	45
I.8	Time clock, remove and fit new	30

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
<b>BODY</b>		
BD.1	Bonnet, remove, refit, and adjust ....	30
BD.2	Bonnet lock, remove, fit new, and adjust ....	30
BD.3	Bonnet prop, remove and fit new ....	10
BD.4	Boot lid, remove, refit, and adjust ....	1 —
BD.5	Boot lid, handle remove and refit or fit new ....	15
BD.6	Boot lid lock, remove and refit or fit new ....	15
BD.7	Boot sealing rubber, fit new ....	45
BD.8	Bumper bar, front, remove and refit ....	45
BD.9	Bumper bar, rear, remove and refit ....	1 15
BD.10	Bumper, rear side-piece, remove and fit new, each	20
BD.11	Door front or rear, remove and refit, each ....	1 15
BD.12	Door, front or rear, exterior finisher, remove and fit new, each ....	30
BD.13	Door check, remove and fit new ....	45
BD.14	Door glass, front or rear, remove and fit new ....	2 —
BD.15	Door glass, front, ventilator assembly, remove and fit new ....	2 30
BD.16	Door handle, inner, remove and refit ....	10
BD.17	Door handle, outer, remove and refit ....	45
BD.18	Door hinges front, remove and fit new, each hinge ....	1 —
BD.19	Door lock, front or rear, remove and fit new ....	30
BD.20	Door sealing surround rubber, fit new ....	45
BD.21	Door striker plate, remove and fit new ....	10
BD.22	Door trim panel, front or rear, remove and fit new ....	20
BD.23	Fascia panel, remove and refit ....	7 —

<i>Operation Number</i>	<i>Description of Operation</i>	<i>Time Hrs. Mins.</i>
<b>BODY—continued</b>		
BD.24	Fascia panel crash pad, remove and refit	3 —
BD.25	Parcel tray, remove and refit	1 —
BD.26	Petrol tank, remove and fit new	2 —
BD.27	Radiator, remove and fit new	1 —
BD.28	Radiator grille, remove and fit new	30
BD.29	Rear seat squab, remove and refit	45
BD.30	Rear window glass, remove, refit or fit new channel rubber, seal and water-test	4 —
BD.31	Roof lining, remove and fit new	10 —
BD.32	Seat, front, remove and refit	30
BD.33	Windshield glass, remove, fit new or fit new channel rubber, seal and water-test	4 30
BD.34	Mudguard, front exterior finisher, remove and fit new	1 —
BD.35	Mudguard, rear, remove and fit new	6 —
BD.36	Mudguard, front, remove and fit new	5 —

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