



F.I.A. Recognition No. 1162

CONFEDERATION OF AUSTRALIAN MOTOR SPORT

(Authorised to control the sport of Automobilmism in the Commonwealth of Australia.)

Federation Internationale de l'Automobile.

Form of Recognition in accordance with
Appendix J to the
International Sporting Code.

Manufacturer THE BRITISH MOTOR CORPORATION (AUST.) PTY. LTD.

Model WOLSELEY 24/80 Year of Manufacture 1962

Serial No. of Chassis YWBS1

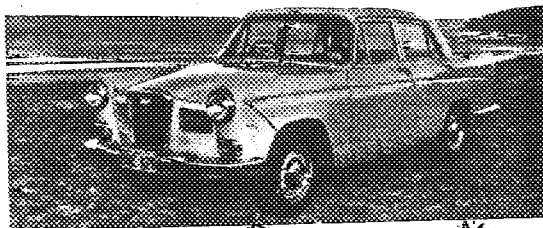
Engine 24Y/ZA/L

Type of Coachwork ALL METAL MONO CONSTRUCTION FOUR DOOR SALOON

Recognition is valid from 29 JAN 1963 In category Tourisme

*liste générale 9
additionnelle 19*

Photograph to be affixed here $\frac{3}{4}$ view of car from front right.



Stamp of F.I.A. to be affixed here.

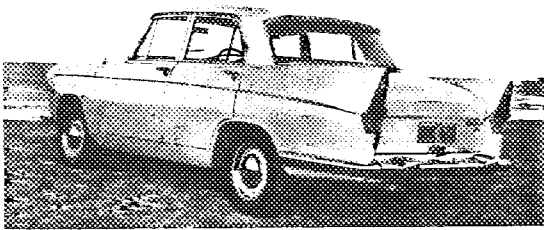


General description of car: specifying materials of coachwork

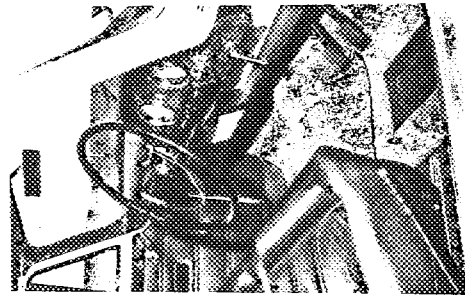
Four door saloon of all metal construction. Divided bench seats in front, full bench seat rear upholstered in Leather and PVC coated cloth. Six cylinder water cooled engine of 2438 cc driving conventional rear axle through a 3-speed gearbox with steering column control. Front suspension is by independent coil springs. Car is classed as 5 seater.

Photographs to be affixed below.

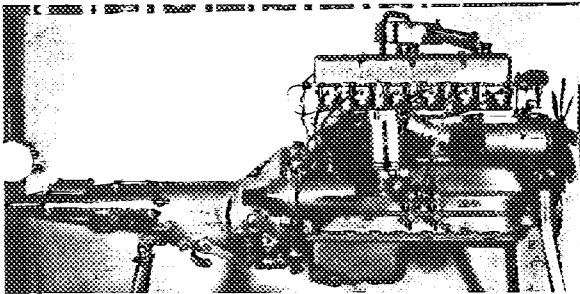
¾-view of car from rear left.



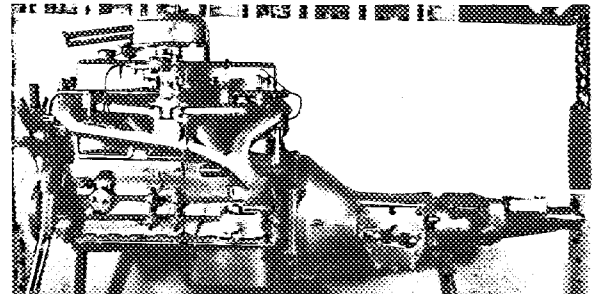
Interior view of car through driver's door.



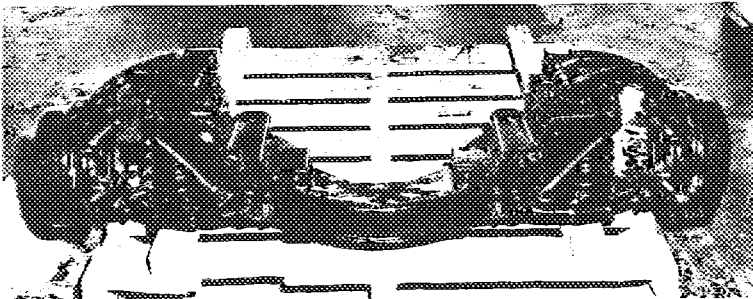
Engine unit with accessories from right.



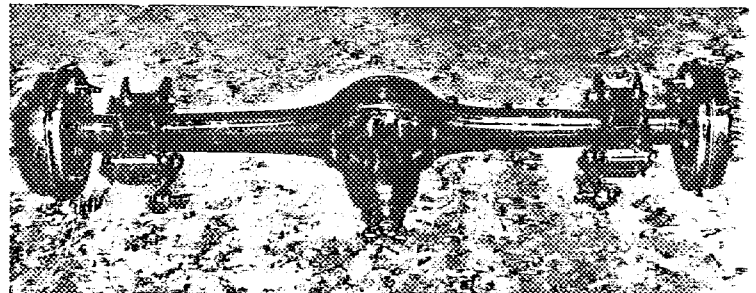
Engine unit with accessories from left.



Front axle complete (without wheels).



Rear axle complete (without wheels).



ENGINE

In line Yes
 No. of cylinders 6 In V -
 opposed -

Cycle Four Firing order 153624
 Capacity 2433 c.c. Bore 76.2 m.m. Stroke 88.9 m.m.
 Maximum rebore 1.01 mm Resultant capacity 2495 c.c.
 Material of cylinder block Cast iron Material of sleeves, if fitted Cast iron
 Distance from crankshaft centre line to top face of block at centre line of cylinders 252.3 to 252.5 m.m.
 Material of cylinder head Cast iron Volume of one combustion chamber 38.7-39.7 c.c.
 Compression ratio 7.7:1
 Material of piston Aluminium Alloy No. of piston rings Four
 Distance from gudgeon pin centre line to highest point of piston crown 41.9 to 42.0 m.m.

Bearings { Crankshaft main bearings: Type Copper lead indium Dia. 54.04-54.06 m.m.
 Connecting rod big end: Type Copper lead indium Dia. 47.67-47.70 m.m.

Weights { Flywheel 12.81 kg.
 Crankshaft 21.42 kg.
 Connecting rod 1.00 kg. (with bearing)
 Piston with rings .36 kg.
 Gudgeon pin .09 kg.

No. of valves per cylinder Two Method of valve operation Push rod
 No. of camshafts One Location of camshafts In block
 Type of camshaft drive Chain

Diameter of valves: Inlet 34.8 - 34.9 m.m. Exhaust 30.0 - 30.1 m.m.
 Diameter of port at valve seat: Inlet 31.4 - 31.9 m.m. Exhaust 27.4 - 27.9 m.m.
 Tappet clearance for checking timing: Inlet .53 m.m. Exhaust .53 m.m.
 Valves open: Inlet TDC Exhaust 35° BBDC
 Valves close: Inlet 50° ABDC Exhaust 15° ATDC
 Maximum valve lift: Inlet 7.9 m.m. Exhaust 7.9 m.m.

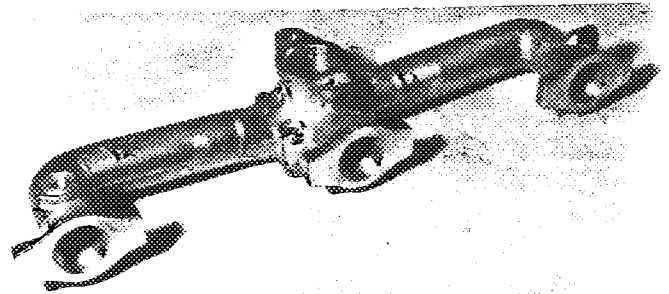
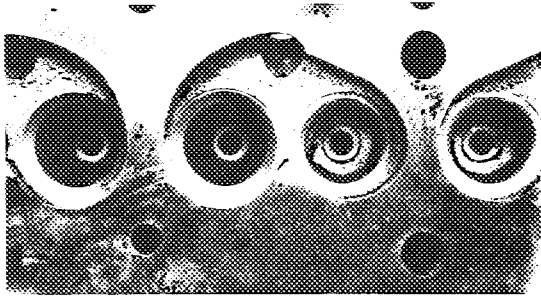
Degrees of crankshaft rotation from zero to—
 Maximum lift: Inlet 115° Exhaust 115°
 1/2 Maximum lift: Inlet 67° Exhaust 67°

Valve springs: Inlet Exhaust
 Type Coil Coil
 No. per valve One One

Carburettor: Type Down draft No. fitted One
 (up or down draft, horizontal)

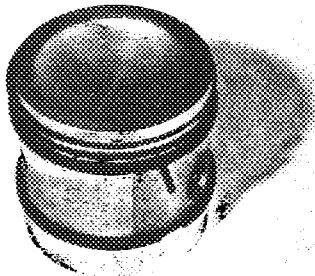
Make Zenith Model 34VN
 Flange hole diameter 34 m.m. Choke diameter 29mm + 1 BAR m.m.
 Main jet identification No. 120

Air filter: Type **Paper Element** No. fitted **One**
 Inlet manifold:
 Diameter of flange hole at carburettor **34.1** m.m.
 Diameter of flange hole at port **34.1 - 34.1** m.m.

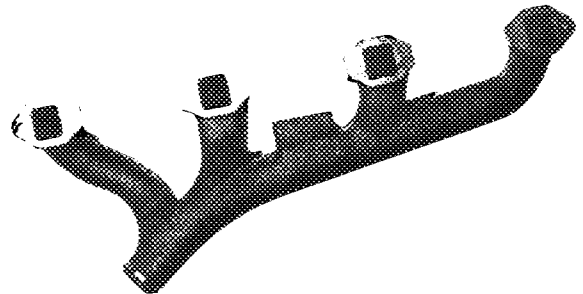


Exhaust manifold: **Two end ports 30.1 x 36.5 Two Centre Ports**
 Diameter of flange hole at port **33.3 x 36.5** m.m.
 Diameter of flange hole at connection to silencer inlet pipe **42.0** m.m.

Photograph of piston showing crown to be affixed here.



Photograph of exhaust manifold to be affixed here.



ENGINE ACCESSORIES

Make of fuel pump **SU** No. fitted **One**
 Method of operation **Electric**
 Type of ignition system **Coil** coil or magneto
 Make of ignition **Lucas** Model **25 D6**
 Method of advance and retard **Centrifugal and Vacuum**
 Make of ignition coil **Lucas** Model **LA12**
 No. of ignition coils **One** Voltage **12**
 Make of dynamo **Lucas** Model **C10/1**
 Voltage of dynamo **12** Maximum output **22** amps.
 Make of starter motor **Lucas** Model **M35G/1**
 Battery: No. fitted **One** Voltage **12** Capacity **38** amp. hour
 at 20 hr. rate.

Make LUCAS Model 12BT 68 F.I.A. Recognition No. _____
 Manufacturers Reference No. of Application _____

TRANSMISSION

Make of clutch Borg and Beck Type DS/G
 Diameter of clutch plate 215.9 No. of plates One
 Method of operating clutch Hydraulic
 Make of gearbox BMC Type "B"
 No. of gearbox ratios Three
 Method of operating gearshift Hand Lever
 Location of gearshift Steering Column for 3-speed
 Is overdrive fitted? No
 Method of controlling overdrive, if fitted _____

	GEARBOX RATIOS		ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	3.09	19/32-18/33						
2.	1.62	19/32-26/25						
3.	Direct	Direct						
4.								
5.								

Type of final drive Hotchkiss
 Type of differential Conventional with differential incorporated in centre of crown wheel
 Final drive ratio 3.91 to 1 Alternatives _____
 No. of teeth 11/43
 Overdrive ratio, if fitted _____

WHEELS

Type Pressed Steel Weight 6.23 kg.
 Method of attachment Four Nuts
 Rim diameter 355.6 m.m. Rim width 114.3 m.m.
 Tyre size: Front 5.90" x 14" Rear 5.90" x 14"

BRAKES

Method of operation Hydraulic
 Is servo assistance fitted? _____
 Type of servo, if fitted _____
 No. of hydraulic master cylinders One Bore 17.7 m.m.

	Front	Rear
No. of wheel cylinders	Two	One
Bore of wheel cylinders	22.2 m.m.	22.2 m.m.
Inside diameter of brake drums	228.8 m.m.	228.8 m.m.
No. of shoes per brake	Two	Two
Outside diameter of brake discs	- m.m.	- m.m.
No. of pads per brake	-	-
Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)		

	Front	Rear
Length	218.4 m.m.	220.0 m.m.
	218.4 m.m.	220.0 m.m.
Width	89.5 m.m.	44.4 m.m.
Total area per brake	27780 sq. m.m. ²	19580 sq. m.m. ²

SUSPENSION

	Front	Rear
Type	Independent	1 Rigid Axle
Type of spring	Coil	Semi Elliptic Leaf
Is stabiliser fitted?	No	No
Type of shock absorber	Lever Arm Hydraulic	Lever Arm Hydraulic
No. of shock absorbers	Two	Two

STEERING

Type of steering gear	Cam and Roller
Turning circle of car	11.2 m., approx.
No. of turns of steering wheel from lock to lock	2.8

CAPACITIES AND DIMENSIONS

Fuel tank	45.4 litres	Sump	3.8 litres	ins. Filter
Radiator	3.0 litres			
Overall length of car	452.1 cm.	Overall width of car	159.8 cm.	
Overall height of car, unladen (with hood up, if appropriate)	181.8 cm.			
Distance from floor to top of windscreen:				
Highest point	91 cm.	Lowest point	106 cm.	
Width of windscreen:				
Maximum width	129 cm.	Minimum width	113 cm.	
*Interior width of car	123 cm.			
No. of seats	Two Bench Front - Bench Rear			
Track: Front	128.2 cm.	Rear	120.4 cm.	
Wheelbase	254.4 cm.	Ground clearance	158.7 m.m.	

*(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.)

Overall weight with water, oil and spare wheel, but without fuel **1153** kgs.

Additional information for cars fitted with two-cycle engines

System of cylinder scavenging.....

Type of lubrication.....

Size of inlet port:

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.²

Size of exhaust port:

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.²

Size of transfer port:

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.²

Size of piston port:

Length measured around piston..... m.m.

Height..... m.m. Area..... m.m.²

Method of pre-compression.....

Bore and stroke of pre-compression cylinder, if fitted..... m.m.

Distance from top of cylinder block to lowest point of inlet port..... m.m.

Distance from top of cylinder block to highest point of exhaust port..... m.m.

Distance from top of cylinder block to highest point of transfer port..... m.m.

Drawing of cylinder ports.

Supercharger, if fitted

Make..... Model or Type No.....

Type of drive..... Ratio of drive.....

Fuel injection, if fitted

Make of pump..... Model or Type No.....

Make of injectors..... Model or Type No.....

Location of injectors.....

Optional equipment affecting preceding information :-