

I.A.C. COPY - PLEASE RETURN.



F.I.A. Recognition No. 1064

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.1.

Federation Internationale de l'Automobile.

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

Manufacturer The Austin Motor Company Limited

Model Austin Seven Countryman Year of Manufacture 1960

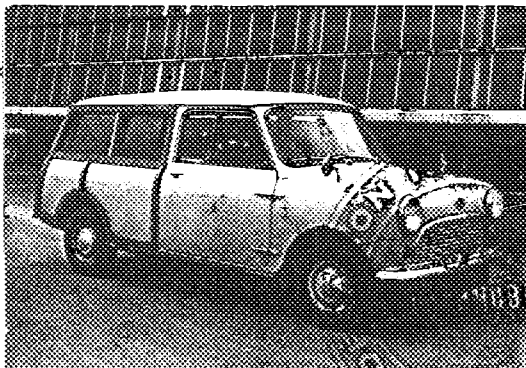
Serial No. of Chassis AAW7

Engine 8 AM-U-M

Type of Coachwork Estate Car

Recognition is valid from 29 AVR 1961 In category T

Ref. No. ADO15AC/60

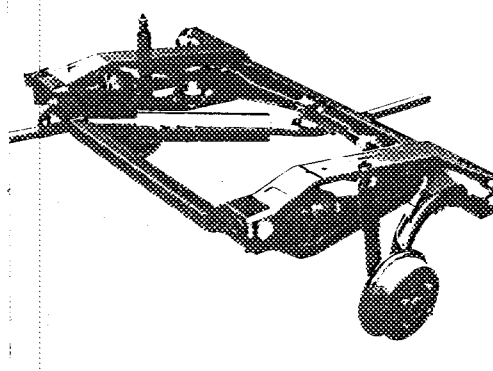
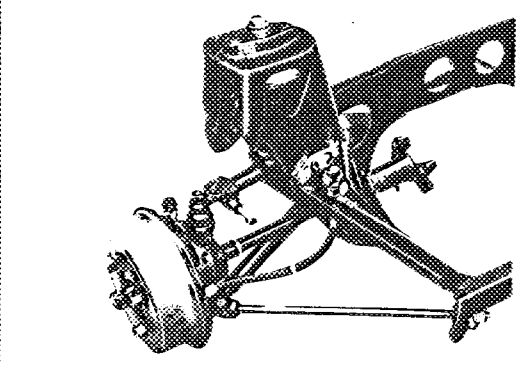
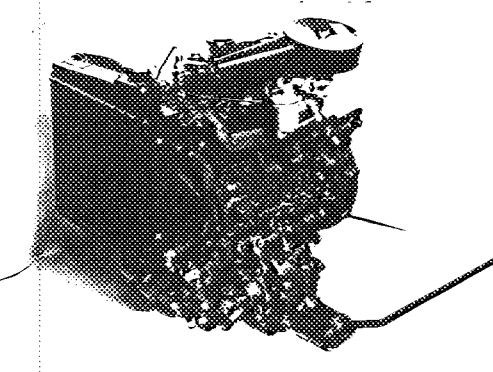
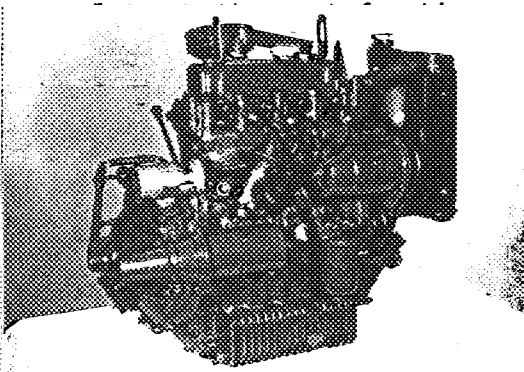
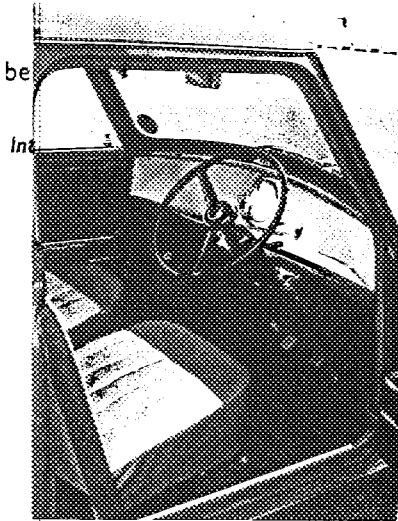
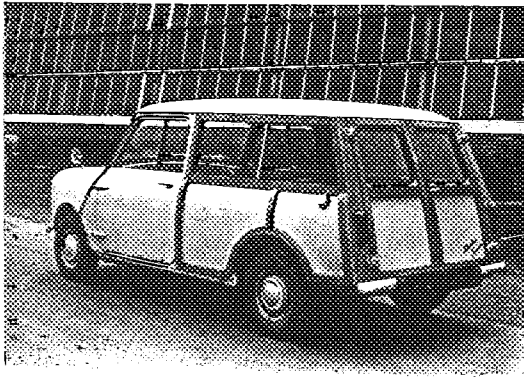


Stamp of F.I.A. to be affixed here.

Hubert Schorn

General description of car:

Photographs to be affixed be



ENGINE

in line **Yes**

No. of cylinders **4** in V **-**
 opposed **-**

Cycle **4 Stroke** Firing order **1,3,4,2**

Capacity **84.8** c.c. Bore **62.94** m.m. Stroke **68.26** m.m.

Maximum rebore **1.016 mm** Resultant capacity **878** c.c.

Material of cylinder block **Cast Iron** Material of sleeves, if fitted **CI (service purposes only)**

Distance from crankshaft centre line to top face of block at centre line of cylinders **218.4** m.m.

Material of cylinder head **Cast Iron** Volume of one combustion chamber **24.5** c.c.

Compression ratio **8.3:1**

Material of piston **Aluminium** No. of piston rings **4**

Distance from gudgeon pin centre line to highest point of piston crown **38** m.m.

Bearings { Crankshaft main bearings: Type **Thinwall - white Metal** Dia. **44.5** m.m.
 Connecting rod big end: Type **Thinwall-Copper Lead** Dia. **41.33** m.m.

Weights { Flywheel **7.03** kg.
 Crankshaft **8.5** kg.
 Connecting rod **.82** kg.
 Piston with rings **.271** kg.
 Gudgeon pin **.122** kg.

No. of valves per cylinder **2** Method of valve operation **Push Rod**

No. of camshafts **1** Location of camshafts **Cylinder Block**

Type of camshaft drive **Roller Chain**

Diameter of valves: Inlet **27.8** m.m. Exhaust **25.4** m.m.

Diameter of port at valve seat: Inlet **24.6** m.m. Exhaust **23.06** m.m.

Tappet clearance for checking timing: Inlet **.48** m.m. Exhaust **.48** m.m.

Valves open: Inlet **5° B.T.D.C.** Exhaust **40° B.B.D.C.**

Valves close: Inlet **68° A.B.D.C.** Exhaust **10° A.T.D.C.**

Maximum valve lift: Inlet **8.24** m.m. Exhaust **7.24** m.m.

Degrees of crankshaft rotation from zero to—
 Maximum lift: Inlet **115°** Exhaust **115°**
 ¾ Maximum lift: Inlet **67.5°** Exhaust **67.5°**

Valve springs: Inlet Exhaust
 Type **Single** **Single**
 No. per valve **One** **One**

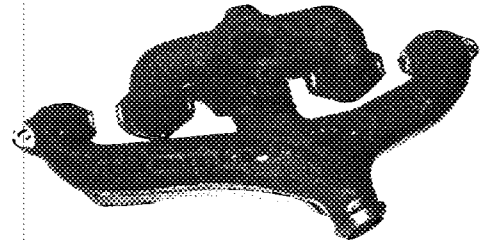
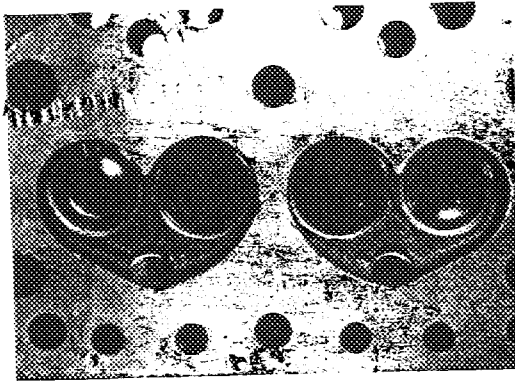
Carburettor: Type **Semi-down draught** No. fitted **One**
 (up or down draft, horizontal)

Make **S.U.** Model **HS2**

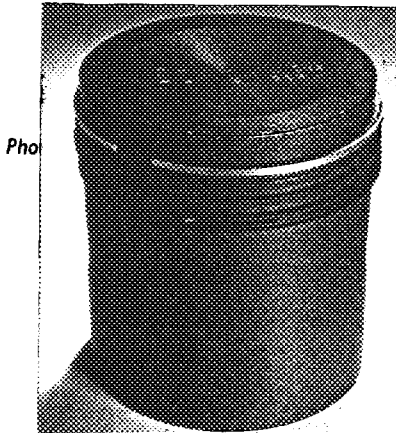
Flange diameter **65** m.m. Choke diameter **31.75** m.m.

Main jet identification No. **0.090" Needle - EB standard.**

Air filter: Type Paper Element No. fitted One
 Inlet manifold:
 Diameter of flange at carburettor 31.75 m.m.
 Diameter of flange at port 26.98 m.m.



Exhaust manifold:
 Diameter of flange at port 22.23 x 26.98 m.m.
 Diameter of flange at connection to silencer inlet pipe 28.57 m.m.



Photo

affixed here.

Photograph of exhaust manifold to be affixed here.

ENGINE ACCESSORIES

Make of fuel pump S.U. No. fitted One
 Method of operation Electric
 Type of ignition system Coil coil or magneto
 Make of ignition Lucas Model DM2
 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 Q40/1
 Voltage of dynamo 12 Maximum output 22 amps.
 Make of starter motor Lucas Model L35G1
 Battery: No. fitted One Voltage 12 Capacity 34 or 43 amp. hour

Make Austin Model 7 Countryman F.I.A. Recognition No.

TRANSMISSION

Clutch

Make of clutch B.K.C. with Newton & Bennet Type Friction

Diameter of clutch plate 7¹/₈" No. of plates One

Method of operating clutch Hydraulic

Make of gearbox B.M.C. Type Synchromesh 2nd, 3rd, Top

No. of gearbox ratios 4 forward, one reverse

Method of operating gearshift Direct

Location of gearshift Floor

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.	3.6275	$\frac{28}{19} \times \frac{32}{13}$						
2.	2.1717	$\frac{28}{19} \times \frac{28}{19}$						
3.	1.412	$\frac{28}{19} \times \frac{23}{24}$						
4.	1							
X R	3.627	$\frac{28 \times 32 \times 18}{19 \times 18 \times 13}$						

Type of final drive Single Helical Spur Gears

Type of differential Bevel

Final drive ratio 3.765 Alternatives -

No. of teeth 64/17

Overdrive ratio, if fitted

WHEELS

Type Disc Weight 2.58 kg.

Method of attachment Four Stud

Rim diameter 254 m.m. Rim width 88.9 m.m.

Tyre size: Front 5.20 x 10 Rear 5.20 x 10

BRAKES

Method of operation Hydraulic

Is servo assistance fitted? No

Type of servo, if fitted -

No. of hydraulic master cylinders One Bore 19.05 m.m.

	Front		Rear	
No. of wheel cylinders	One		One	
Bore of wheel cylinders	23.81	m.m.	19.05	m.m.
Inside diameter of brake drums	177.8	m.m.	177.8	m.m.
No. of shoes per brake	2		2	
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	158.7	m.m.	158.7	m.m.
		m.m.		m.m.
Width	31.7	m.m.	31.7	m.m.
Total area per brake	10,062	m.m. ²	10,062	m.m. ²

SUSPENSION

	Front		Rear	
Type	Transverse Wishbone		Trailing Arm	
Type of spring	Rubber Cone		Rubber Cone	
Is stabiliser fitted?	No		No	
Type of shock absorber	Telescopic		Telescopic	
No. of shock absorbers	2		2	

STEERING

Type of steering gear	Rack and Pinion			
Turning circle of car	9.983			m., approx.
No. of turns of steering wheel from lock to lock	2 $\frac{1}{3}$			

CAPACITIES AND DIMENSIONS

Fuel tank	29.6	litres	Sump	5.12	litres
Radiator	3.0	litres			
Overall length of car	325.9	cm.	Overall width of car	141	cm.
Overall height of car, unladen (with hood up, if appropriate)	136.0	cm.			
Distance from floor to top of windscreen:					
Highest point	104.8	cm.	Lowest point	101.6	cm.
Width of windscreen:					
Maximum width	112.0	cm.	Minimum width	104.8	cm.
Interior width	116.8	cm.			
No. of seats	4				
Track: Front	120.6	cm.	Rear	116.5	cm.
Wheelbase	213.8	cm.	Ground clearance	162.0	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 640.5 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:—

Radio



AOSTIN - SEVEN COUNTRYMAN

MARQUE ET MODELE

4/61

VALIDITE HOMOLOGATION

1064

FICHE NR.

T/P50

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES

Autres homologations du modèle

Vénifiée le 21/9/86 par [Signature] visée ce jour le _____ par _____