

F.I.A. Recognition No. 1358

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.I.

Federation Internationale de l'Automobile.

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

Manufacturer.	SINGER MOTOR CAR COMPAN	Y LIMITED.	AND LEW BREUT
Model CHA	MOIS.	Year of Manufacture	1964.
Serial No. of	Chassis B.43-1-000001 Engine B.43-1-000001		
	work SALOON TWO DOOR.		bods to loss
Recognition is	valid from 16th Nov.	1964 In category	TOURING.

Photograph to be affixed here 3 view of car from front right.



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Stamp of F.I.A./R.A.C. to be affixed here.

Form: R.F.I.A.

General description of car:

Specify here material/s of chassis/body construction

2 DOOR FOUR SEATER SALOON CAR.

All steel integral chassis/body unit.

Photographs to be affixed below.

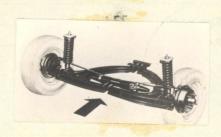
 $\frac{3}{4}$ view of car from rear left.



Engine unit with accessories from right.



Front axle complete (without wheels).



Interior view of car through driver's door.



Engine unit with accessories from left.



Rear axle complete (without wheels).



.....m.m.

20

m.m.

Choke diameter.

30

Flange hole diameter.....

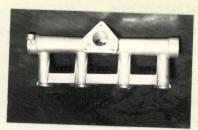
Main jet identification No. 105.

Air filter: Type Paper Element.	No. fitted
Inlet manifold:	Switching of cylinder semenging
Diameter of flange hole at carburettor	
Diameter of flange hole at port	24.584 m.m.

Photograph of combustion chamber to be affixed here.



Photograph of inlet manifold to be affixed here.



Exhaust manifold:

Diameter of flange hole at port 21.32	m.m.
Diameter of flange hole at connection to silend	er inlet pipe 26.40 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	No. fitted 1.
Method of operation Mechanical.	
Type of ignition system Coil.	
Make of ignition Lucas	
Method of advance and retard Centrifugal and Vac	uum.
Make of ignition coil Lucas.	Model HA.12.
No. of ignition coils 1	Voltage 12.
Make of dynamo Lucas .	Model C.40.
Voltage of dynamo 12.	Maximum output 23 amps.
Make of starter motor Lucas.	Model M.35.G.
Battery: No. fitted 1. Voltage 12	Capacity 38 amp. hour
Oil Cooler (if fitted) type	

Manufacturers Reference No. of Application CH AMOIS .I

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TR			•		

Make of clutch Laycock.	Type Diaphragm.
Diameter of clutch plate 5.65#	No. of plates 1.
Method of operating clutch Hydraulic	
Make of gearbox Rootes	Type Indirect Constant Mesh.
No. of gearbox ratios 4 Forward and Reverse.	
Method of operating gearshift Manual.	
Location of gearshift On Floor.	
Is overdrive fitted? No.	
Method of controlling overdrive, if fitted	

	GEARBO	X RATIOS	ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
l.	3.416	41/12					100	
2.	1.831	33/18				*		
3.	1.166	28/24						
4.	0.851	23/27					V TIME TO SEC	
Rev.	2.841	37/13.						

Type of final drive	Hypoid.		
Type of differential	Bevel Gear.		
Final drive ratio 4.8	57 Alternative	s 4.774	5.142
No. of teeth 7	- 34	7 - 33	7 - 36
Overdrive ratio, if fitted.			

WHEELS

Type Pressed Steel.	Weight 4.87 kg.
Method of attachment 4 Studs.	
Rim diameter 304 m.m.	Rim width 114 m.m.
Tyre size: Front 5.50# + 12#	Rear 5.50" + 12"

BRAKES

Method of operation Hydraulic.			
Is servo assistance fitted? Optional.			
Type of servo, if fitted Girling.			
No. of hydraulic master cylinders 1.	Bore	178	m m

	Front		Rear	
No. of wheel cylinders	2		2	
Bore of wheel cylinders	178	m.m	191 -	m.m.
Inside diameter of brake drums		m.m	2040	m.m.
No. of shoes per brake	2		2	
Outside diameter of brake discs	, and the second se	m.m		
No. of pads per brake		•••••	***************************************	
Dimensions of brake linings per	r shoe or pad (if all s	hoes or pads in	each brake are no	t of same
dimensions, specify each)	Front		Rear	
	160.0		160.0	m m
Length				
	28 4		38.1	
Width	38.1			
Total area per brake	6080	m.m.²	6080	m.m.²
SUSPENSION	Front		Rear	and the second
Туре	Swing axle		Trailing	
Type of spring	Coil		Coil	
Is stabiliser fitted?	Optional		Optional	
Type of shock absorber	Telescopio	3 3 3 3 3 3 - 3 - 3	Telescop	ic
No. of shock absorbers	2		2	
STEERING			many Autom M. na.	
Type of steering gear Ra				
Turning circle of car				
No. of turns of steering whee	I from lock to lock	2.7	5	
CAPACITIES AND DIMENSION				
Fuel tank 27, 276/48, 48	3 litres S	ump 2.8	4	litres
2 (00	litres			
Overall length of car 352		rall width of	car 151.77	cm.
Overall height of car, unladen (
Distance from floor to top of w				
Highest point		st point 97	_79cm.	
Width of windscreen:				
Maximum width 111.	76 cm. Min	imum width	106.68	cm.
*Interior width of car 121				
No. of seats 4				
		Rear 12	1.67	cm.
Track: Front 124.66 Wheelbase 208.28	cm. Groun		-13-97	
*(To be measured at the immediate r				
in a vertical plane of not less			7.55.55.50	
Overall weight with water, oil a	nd spare wheel, but w	rithout fuel	kgs.	

712,00

Type of Jubrication		eliendroug, do zganko	
Size of inlet port:			
Height	m.m.	Area	m.m
Size of exhaust port:			
Length measured around	d cylinder wall		m.n
Height	m.m.	Area	m.m
Size of transfer port:			
Length measured around	d cylinder wall		m.m.n
Height	m.m.	Area	m.m.m
Size of piston port:		La lime un alea camera forma.	
Length measured arour			
Height	m.m.	Area	m.m.m
Method of pre-compression	on		
Bore and stroke of pre-cor	mpression cylinder, if fir	ted	m.n
Distance from top of cylin	der block to lowest poi	nt of inlet port	m.n
Distance from top of cylin	der block to highest po	oint of exhaust port	m.n
Distance from top of cylin	der block to highest po	oint of transfer port	m.n
	Drawing of cylind	der ports.	
	•		
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		, Desiradoch Luis en B	
		. Li Ou - Horaya Training	
.æs			
ercharger, if fitted	. Towns Land Land		
Make Make		Add on Turn No.	
Type of drive		lodel or Type No	
TYPE OF GLIAG		Ratio of drive	
EQ LOGICILIA		•S.J. commy &	
injection, if fitted Make of pump		. a note la reservacione	

Location of injectors.

Optional equipment affecting preceeding information:-



CHAMOIS. 1.



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Amendment to Form of Recognition

Manufacturer Singer Motor Car Company Limited. Chamois. Model

- Manual Choke Carburettor now fitted to this model as standard 1. equipment - Model Solex 30 PIH - B 15355. Part No. 7100560.
- Optional gearbox now available giving ratious of:-2.

1st 3.416	No.	of teeth.	41/12.
2nd 1.831			33/18.
3rd 1.273	11	11 11	22/28.
4th .923		11 11	26/24.
Rev. 2.841	- 11	11 11	37/13.

Alternative final drive ratios previously homologated of 3. 4.714 and 5.142:1 are no longer available.

Stamp of F.I.A./R.A.C. affixed here.

amendment is valid from.....

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PALL MALL, LONDON, S.W.I.

Federation Internationale de l'Automobile.

Amendment to Form of Recognition

Manufacturer	Singer	Motor	Car	Company	Limited.	
Model	Chamois	3.				

The track measurements quoted on the original Recognition Form are incorrect and should read as follows:-

Track: Front 125.7 cms. Rear 123.1 cms.

The following equipment is now available for this car.

- Magnesium alloy wheels 304.8 x 127 mm. Part No. 7096101, no resulting increase in track of car.
- Long range fuel tank, capacity 10 gallons (45 litres). 2. Part No. 6674525.

Change of Title (Certain European Export Territories only) .

The car, identical in every way except badges is called

"Sunbeam Chamois".

Stamp of S.A./R.A.C. to be

Date amendment is valid from 1st December 19
Form: R.F.I.B.