TLW/AR/VH/COMP/2



F.I.A. Recognition No.

107

ROYAL AUTOMOBILE CLUB

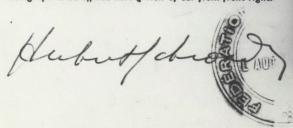
PALL MALL, LONDON, S.W.I.

Federation Internationale de l'Automobile.

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

Manufacturer The Reliant Engineering (Co. (Tamworth) Limited.
Model Sabre Six	Year of Manufacture 1962/3
Serial No. of Engine S167751E /5287709E	(Additional coachwork open 2 str. (and hard top 2 str) Grand touring
Type of Coachwork G.T. fixed head coupe	(and hard top 2 str) Grand touring
Recognition is valid from 9/5/63	

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



General description of car:

Specify here material/s of chassis/body construction

BOXED STEEL CHASSIS WITH GLASS FIBRE BODY.

Photographs to be affixed below.

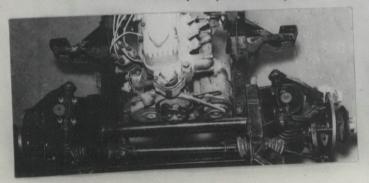
} view of car from rear left.



Engine unit with accessories from right.



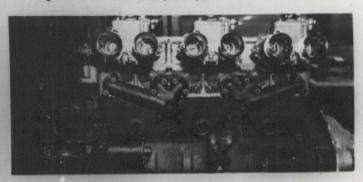
Front axle complete (without wheels).



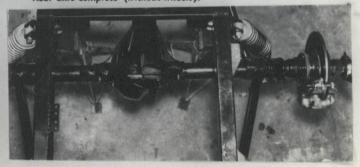
Interior view of car through driver's door.



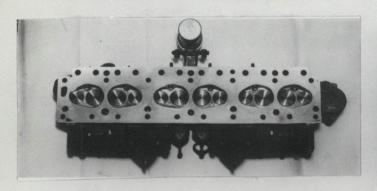
Engine unit with accessories from left.

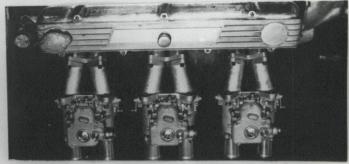


Rear axle complete (without wheels).



Air filter: Type Reliant	No. fitted 6
Inlet manifold:	
Diameter of flange hole at carburettor	45 m.m.
Diameter of flange hole at port	36 m.m.





Exhaust manifold:

Diameter of flange hole	at	port 30 m.m.
Diameter of flange hole	at	connection to silencer inlet pipe 42 m.m.





ENGINE ACCESSORIES

Make of fuel pump	No. fitted 2
Method of operation Electric	
Type of ignition system coil	coil or magneto
Make of ignition Lucas	
Method of advance and retard Automatic with v	vacuum suction advance
Make of ignition coil Lucas	Model 25 0
No. of ignition coils.	Voltage 12
Make of dynamo Lucas	Model C 40 R
Voltage of dynamo 12	Maximum output 23 amps.
Make of starter motor Lucas	Model M 35GR
Battery: No. fitted Voltage 12	Capacity 56 amp. hour
Oil Cooler (if fitted) type Honeycomb	Capacity

TRANSMISSION

Reliant

Make of clutch Berg & Beck	Type Dry Plate
Diameter of clutch plate 216 mm	No. of plates
Method of operating clutch Hydraulic	
Make of gearbox Jaguar (or Ford)	Type JS/GBN;CR (or 214E)
No. of gearbox ratios 4 forward 1 reverse Method of operating gearshift MANUAL	
Location of gearshift Central floor mounting	18.
Is overdrive fitted? Yes	
Method of controlling overdrive, if fitted Elect	tric

	GEARBOX	RATIOS	ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
ı.	3.37		2.98	2100	3.163	30		
2.	1.86		1.74		2.214	27		
3.	1.28		1.21		1.412	22		
4.	1.00		1.00		1.00	21		
5.	JAGU. GBN		JAGUAR GBN		FOR	PD .		

Type of final drive Hypoid			
Type of differential Limited s	lip.		
Final drive ratio 3.58:1 Alte	ernatives	4.56:1 - 4 .1	- 3.91 -
No. of teeth 12/43		9/41 10/41 11/	43 11/41
Overdrive ratio, if fitted Jaguar	0.72 or	0.78 (Ford O.	77)
WHEELS			
Type Wire spoke	Weight	9.75	kg.
Method of attachment Centre Loc	k		
Rim diameter 381 m.m.	Rim width.	140	m.m.
Tyre size: Front 1.85 x 15	Rear	1.85 x 15	
BRAKES			
Method of operation Hydraulic			
Is servo assistance fitted?No			
Type of servo, if fitted			
No. of hydraulic master cylinders2			m.m.

3.73

	rront		Kear	
No. of wheel cylinders	6		6	
Bore of wheel cylinders	56.75	m.m.		
Inside diameter of brake drums		m.m.	***************************************	m.m.
No. of shoes per brake				
Outside diameter of brake discs	266.7	m.m.	273	m.m.
No. of pads per brake	2		2	
Dimensions of brake linings per dimensions, specify each)		hoes or pad	s in each brake are	
	Front 90.2			
Length				m.m.
W/: Jak	50.4		50.1	
Width	91612			m.m. ²
Total area per brake SUSPENSION		m.m	Rear	
	Front	dont	liv	
Туре	Indepen		coi	
Type of spring				
Is stabiliser fitted?	no Telescopic dia.		mologoon	
Type of shock absorber No. of shock absorbers			Telescop	
	2		2	
STEERING Type of steering gearRa	ak and Dinio	n		
Turning circle of car				
No. of turns of steering wheel			Э	•••••
CAPACITIES AND DIMENSION			EE	
Fuel tank 90		ump	5.5	IItres
Radiator 14.75		-11	155	
Overall length of car 401			of car 155	cm.
Overall height of car, unladen (v		opriate)	CIII.	
Distance from floor to top of win		t point	82 6	-m
Width of windscreen:	Cm. Lowes	c point		-1111.
Maximum width117	-6 cm Mini	mum width	99.1	cm
*Interior width of car 116.		mam widen		
No. of seats 2				
Track: Front 132.1		Rear	124	cm
Wheelbase 231				
*(To be measured at the immediate re				
in a vertical plane of not less t	han 25 cms.)			
Overall weight with water, oil an	d spare wheel, but w	ithout fuel	787 kg	s.

	System of cylinder scavenging			
	Size of inlet port:			
	Length measured around cylinder wall			
	Heightn	n.m.	Area	m.m
	Size of exhaust port:			
	Length measured around cylinder wall			mm
	Height		Area	
	Size of transfer port:			
	Length measured around cylinder wall			
	Height	n.m.	Area	m.m.m
	Size of piston port:			
	Length measured around piston			m.m
	Heightm			
	Method of pre-compression			
	Bore and stroke of pre-compression cylinder			
	Distance from top of cylinder block to lowe			
	Distance from top of cylinder block to high	The second		
	Distance from top of cylinder block to high			
	Drawing of	cylinde	er ports.	
	A.			
	16 fts1			
pe	rcharger, if fitted			
	Make	Mo	odel or Type No.	
			odel or Type Noatio of drive	
	Make Type of drive			
el	Make Type of drive injection, if fitted	R	atio of drive	
el	Make Type of drive	R	Model or Type No.	

Optional equipment affecting preceeding information:

(1) Cast Iron cylinder Head. compression ratio 8.3Ll

(2) Zanith Carburettor 42 WIA 2 Choke size .36 mm Main jet 170

Flange hole diameter 44mm
(3) Drum rear wheel brakes
diameter: 228.6 mm

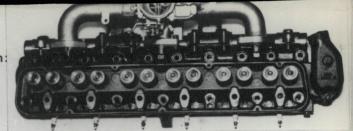
No. of shoes per brake 2. Lining length 219 mm Width 44 mm

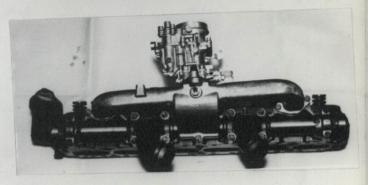
Area 19.272 mm

Fuel tank 54 litres

(5) Bolt on perforated disc wheels.

(6) Radiator 13-75 - litres





HARD TOP



2 - SEATER

