

F.I.A. Recognition No. 60

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 RELIANT ENGINEERING CO. (TAMWORTH) LTD. SABRE Model Year of Manufacture 1961/2

Chassis \$200001/\$200131

Serial No. of Engine S216169E/S235118

Type of Coachwork Open 2 Seater (Additional coachwork hardtop and Gran Turismo.

Recognition is valid from = 3 MAI 1962 In category Group 3 Grand Touring.

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



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

Boxed steel chaisis with fibreglass body.

Photographs to be affixed below.

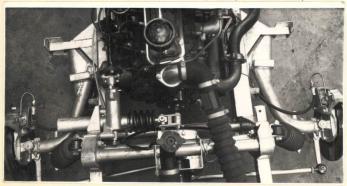
3 view of car from rear left.



Engine unit with accessories from right.

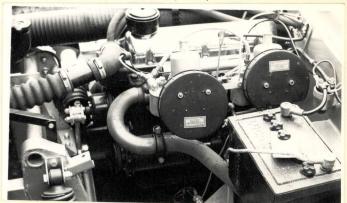


Front axle complete (without wheels).





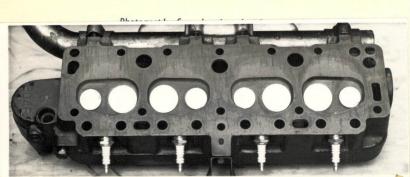
Engine unit with accessories from left.

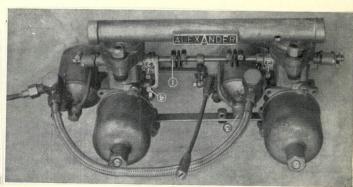


Rear axle complete (without wheels).



Air filter: Type SMITHS	No. fitted 2
Inlet manifold: Diameter of flange hole at carburettor	5.56 m.m.
Diameter of flange hole at port	





Diameter of flange hole at port...

29.97 X 28.45

m.m.

Diameter of flange hole at connection to silencer inlet pipe....

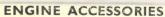
24.86 X 26.13

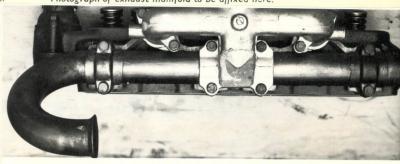
m.m.

Photograph of piston showing crown to be affixed here.

Photograph of exhaust manifold to be affixed here.







OHIL ACCESSORIES	
Make of fuel pump	No. fitted 1
Method of operation MECHANICAL	
Type of ignition system COIL	coil or magneto
Make of ignition LUCAS	
Method of advance and retard AUTOMATIC WITH	H VACUUM SUCTION ADVANCE
Make of ignition coil LUCAS	Model L A 12
No. of ignition coils 1	Voltage
Make of dynamo	
Voltage of dynamo 12 VOLTS	
Make of starter motorLUCAS	
Battery: No. fitted 1 Voltage 12	The state of the s
Oil Cooler (if fitted) type	
	-

TRANSMISSION

Make of clutchFORD	Type DRY PLATE
Diameter of clutch plate8	No. of plates SINGLE
Method of operating clutch HYDRAULIC	
Make of gearbox ZF	Type S4 - 12
No. of gearbox ratios 4 FORWARD 1 REVERSE	
Method of operating gearshift MANUAL	
Location of gearshift CENTRAL FLOOR MOUNTING	
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.	2.53							
2.	1.71							
3.	1.23							
4. DEM	1.00							
REV.	2.59							

Type of final driveSPIRAL BEVEL	,	
Type of differential Nov-locki	NG	
Final drive ratio 3.55 Alte		
No. of teeth 9/32	8/31 8/35	
Overdrive ratio, if fitted		
WHEELS		
Type WIRE SPOKE	Weight 6.577	kg.
Method of attachment KNOCK ON		
Rim diameter 381 m.m.	Rim width 101.6	m.m.
Tyre size: Front 155 X 15	Rear155X15	
BRAKES		
Method of operationHYDRAULIC		***********
Is servo assistance fitted?NO		
Type of servo, if fitted		
No. of hydraulic master cylinders		m.m.

	Front	Rear
No. of wheel cylinders	4	2
Bore of wheel cylinders	48 m.m.	19m.m.
Inside diameter of brake drums	m.m.	228.6 m.m.
No. of shoes per brake	_	2
Outside diameter of brake discs	266.7 m.m.	m.m.
No. of pads per brake	2	-
	shoe or pad (if all shoes or pade	
	Front	Rear
Length (MEAN		219 m.m.
PAD (m.m.	m.m.
Width (47.6 m.m.	44 m.m.
Total area per brake	5600 m,m. ²	19,272 m.m.²
SUSPENSION	Front	Rear
Туре	I.F.S.	LIVE
Type of spring	COIL	COIL
Is stabiliser fitted?	NO	NO
Type of shock absorber	TELESCOPIC D.A.	TELESCOPIC D.A.
No. of shock absorbers	2	2
STEERING		
Type of steering gearRAG	CK & PINION	
Turning circle of car	11	m., approx.
No. of turns of steering wheel	from lock to lock 21	
CAPACITIES AND DIMENSION	S	
Fuel tank	litres Sump3.	+1 litres
11 6	litres	
Overall length of car 419.	.4 cm. Overall width o	f car 155 cm.
Overall height of car, unladen (w		
Distance from floor to top of wir		
	cm. Lowest point	84 cm.
Width of windscreen:		
	cm. Minimum width	95 cm.
Maximum width 109		95 cm.
	. 4 cm.	95 cm.
Maximum width 109 *Interior width of car 119.	<u>.4</u> cm.	95 cm.
Maximum width 109 *Interior width of car 119 No. of seats 2 Track: Front 122	cm. Rear	122 cm.
Maximum width 109 *Interior width of car 119. No. of seats 2	cm. Rearcm. cm. Ground clearance cr of the steering wheel, and the	122cm. 233m.m.

System of cylinder scavenging			
Type of lubrication			
Size of inlet port:			
Length measured around cylinder wa	all		m.n
Height	m.m.	Area	m.m
Size of exhaust port:			
Length measured around cylinder wa	ıll	-	m.n
Height	m.m.	Area	m.m
Size of transfer port:			
Length measured around cylinder wa	ıll <u>-</u>		m.m.m
Height			
Size of piston port:			
Length measured around piston	-		m n
Height			
Method of pre-compression			
Bore and stroke of pre-compression cyl			
Distance from top of cylinder block to			
Distance from top of cylinder block to			
Distance from top of cylinder block to			
	ng of cyline		
Drawn	ig or cyllin	der ports.	
rcharger, if fitted			
Make	N	lodel or Type No.	
Type of drive		Ratio of drive	
injection, if fitted			
Make of pump		Model or Type No	
Make of injectors			
		Model of Type No.	•••••••••••••••••••••••••••••••••••••••

(1) SINGLE ZENITH 34 VN CARBURETTOR Flange hole diameter 34 mm. Choke diameter 26 mm. Main jet no. 97

(2) BOLT-ON PERFORATED DISC WHEELS.

. Hard Dojo



G.T. Direct Stead Coupe



MEMBER OF (3) Rear Axle Ration

ERNATIONALE 3.58 (12/43 texts) 4.1 (10/41) & 3.75 (11/41), 3.91 (11/43), 4.56 (9/41) AUTOMOBILE