# 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.

ManufacturerROOTES	
Model HUMBER HAWK (SERIES IA)	Year of Manufacture 1959
Chassis	4 4
Serial No. of Engine	e e e
Type of Coachwork FOUR DOOR FOUR LIGHT FIVE	SPATER SALO N.
Recognition is valid from IST SEPTEMBER, 1959	In category 1 2.

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



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



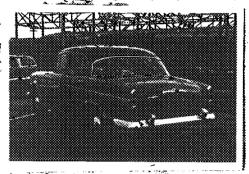


#### General description of car:

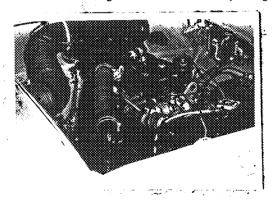
, Door. Four Edglit Salloon.

### Photographs to be affixed below.

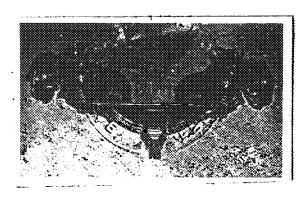
 $\frac{3}{4}$  view of car from rear left.



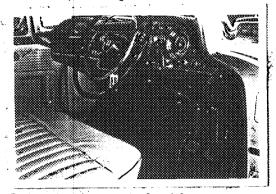
Engine unit with accessories from right.



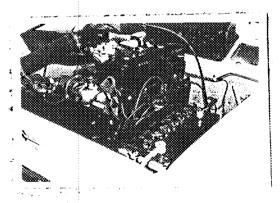
Front axle complete (without wheels).



Interior view of car through driver's door.



Engine unit with accessories from left.



Rear axle complete (without wheels).



.....3

(up or down draft, horizontal)

Carburettor:

Flange diameter.....

Main let identification No.....

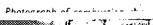
No. fitted.....

Model.....

36 UT: 2

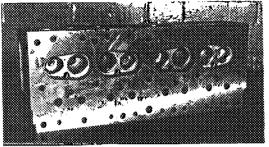
Choke diameter 23. m.m.

Air filter: Type	No. fitted
Inlet manifold: Diameter of flange at carburettor	m.m.
Diameter of flance at part	



: offixed here.

Photograph of inlet manifold to be offixed here.



exnaust manifold:

Diameter of flange at port

Photograph of histor showing crown to be affixed here.



EMUTINE ACCESSORIES

Make of fuel pump.....

Make of starter motor...

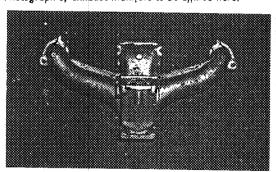
Battery: No. fitted....

#### Photograph of exhaust manifold to be affixed here.

No. fitted

Model

Voltage Capacity amp. hour



Method of operation	•
Type of ignition system	coil or magneto
Make of ignition	Model
Method of advance and retard	, e.
Make of ignition coil	the control of the co
No. of ignition coils	Voltage
Make of dynamo	Model
Voltage of dynamo	Maximum output amps.

Make	.Model	·	F.I.A. Reco	gnition No	*******	
TRANSMISSION						
Make of clutch Borg ar	nd Beck		Тур	e Sing	le Ory	Plste
Diameter of clutch plate	9.16"		No			
Method of operating clutch						
Make of gearbox Humbs				oe Syno	hromesi	1.
No. of gearbox ratios						
Method of operating gearshif	t Manual	Remote	Control			
Location of gearshift	Stearin	ng Column	1			***************************************
Is overdrive fitted?	Option	al Extra	ı			1
Method of controlling overdr	-					
GEARBOX RATIO	5		ALTERNAT	IVE RATIOS		₩, .
No. of Ratio Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
l. l.00:1 Direc						
	1.0					4.4
2 1.392:1 29x2	5					
3. 2.141 : 29x3 20 2				- 1 - 1	**	14 <del>2</del>
		PA DO PROPERTO				
4. 3.3/6:1 <u>29</u> x3 20 1	<u>0</u>					
		4		•		100 f
Reverse 4.239: 29x3	3 1 15					179
		_				
Type of final drive Hypo	id Revel	Gear.	***************************************			
Type of differential Norm	~1					
Final drive ratio 4.222			es <u>4.5</u>			***********************
No. of teeth 9/38						***************************************
Overdrive ratio, if fitted	•1112 <b>i</b> =	(20.00	<i>k</i>			
WHEELS						
TypePressed Ste	el Disc	Weis	zht	7.9	************************	kg
Method of attachment			-			-
Rim diameter 380						
Tyre size: Front 6.00/6.						
RRAKES						
Method of operation	Lockhesd :	Hvdrauli	G .			13
Is servo assistance fitted?	No				_	3 Tr
Type of servo, if fitted			******************************		<u> </u>	
No. of hydraulic master cyline						m m

		Front			Rear	
	No. of wheel cylinders	46	·····		2	
	Bore of wheel cylinders	23,8,	m.m.		23,8	m.m.
	Inside diameter of brake drums	279	m.m.		254	m.m.
	No. of shoes per brake	2			2 4.2	
	Outside diameter of brake discs	mat.	m.m.	art. "	500	m.m.
	No. of pads per brake	- · · · · · · · · · · · · · · · · · · ·	101		NO.	
	Dimensions of brake linings per s dimensions, specify each)	shoe or pad (if all s	hoes or pa	ds in each l	orake are not	of same
		Front			Rear	
	Length	267	m.m.		24,3	m.m.
	•	267	m.m.	***********	243	m.m.
	Width	57	m.m.	··········	57	m.m.
	Total area per brake	<u> </u>	m.m.²	***************************************	27800	m.m.²
SU:	SPENSION	Front			Rear	
	Туре	Independent	Wishbon	e Li	ve Axle.	Year - 127
	Type of spring	Helical Soi	l Spring	: S	emi-Ellipt	tic Leaf
	Is stabiliser fitted?	Yes .		Ne	)	
	Type of shock absorber	Armstrong &	t 9	έγ	estrona e	t. 9
	No. of shock absorbers	2			2	
STE	ERING	•				
	Type of steering gear Burman	iF: Type Re-c	irculati	nø Bell		*****
	Turning circle of car 11		•	•	m:	
	No. of turns of steering wheel t	from lock to lock				• •
CA	PACITIES AND DIMENSION			_		
٠,٠	Fuel tank 57		5.6 Sump 6.1		only.	litres
Engine &	Radiator 11.4; 12.0 with					
<u> </u>	Overall length of car 469.		rall width	of car	יסי ר	cm
	Overall height of car, unladen (w	ith hood up if appr	opriste)	155		
	Distance from floor to top of win		орг тассу			
	Highest point. 112		st point	102	cm	
	Width of windscreen:	Ciri. LOWC	se ponne			
	Maximum width 142	· cm Min	imum widt	ь` 129	12.	cm
	Interior width 147	cm.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Cin.
	No. of seats 2					
	Track: Front 1/2	 cm	Rear	7/7:		cm
	No. of seats 2  Track: Front 1/2  Wheelbase 280	cm Grow	nd clearance	<u></u> 178		m m
(То	be measured at the immediate real in a vertical plane of not less the	of the steering wh				
	Overall weight with water, oil and		vithout fuel	1353	køs.	
		6			·o	

	ging	
Type of lubrication		
Size of inlet port:		
Length measured around	cylinder wall	m.r
	m.m. Area	
Size of exhaust port:		
Length measured around	cylinder wall	m.n
	m.m. Area	
Size of transfer port:		
•	cylinder wall	m n
	m.m. Area	
Size of piston port:		
	f piston	
	m.m. Area	
	1	
	pression cylinder, if fitted	
	er block to lowest point of inlet port	
Distance from top of cylind	er block to highest point of exhaust po	art m n
	er block to highest point of transfer po	
	er block to highest point of tran <b>sfer</b> po	
	er block to highest point of tran <b>sfer</b> po	
	er block to highest point of tran <b>sfer</b> po	
	er block to highest point of tran <b>sfer</b> po	ortm.n
	er block to highest point of tran <b>sfer</b> po	
	er block to highest point of tran <b>sfer</b> po	ortm.n
	er block to highest point of tran <b>sfer</b> po	ortm.n
	er block to highest point of tran <b>sfer</b> po	ortm.n
Distance from top of cylinder	er block to highest point of tran <b>sfer</b> po	ortm.n
Distance from top of cylind	er block to highest point of tran <b>sfer</b> po	ortm.n
Distance from top of cylinder	er block to highest point of transfer po  Drawing of cylinder ports.	ort m.m
ercharger, if fitted	er block to highest point of transfer po  Drawing of cylinder ports.	ort m.m
ercharger, if fitted  Make Type of drive	Drawing of cylinder ports.  Model or Type No. Ratio of drive	ort m.n
ercharger, if fitted  Make Type of drive  I injection, if fitted	Prawing of cylinder ports.  Model or Type No. Ratio of drive	ortm.m.

#### Optional equipment affecting preceeding information:-

Borg Marner Automatic Transmission available at extra cost for usegaith 4.22 Axle Batio.



# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

RODTES	S-HUMI	BER HAWK	9/50	1020
	MARQUE ET MO	DOELE	VALIDITÉ HOMOLOGATION	FICHE NR.
				T/2500 GROUPE/CLASSE
EXTENSIONS	DEBUT VALIDITE	DE	ESCRIPTION	NOTES
Autres homologati	ons du modèle			
		7		
Vérifiée le .	Ph par	visée ce jour	le par _	500 1.1