VM 63/3



F.I.A. Recognition No. 1223

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.I.

Federation Internationale de l'Automobile.

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

Manufacturer	••••	VAUXHALL	MOTORS	LTD			
Model	HA - VI	VA			Year of Manufacture	1963	
	Chassis	HAS/D 400	1001				
Serial No. of	Engine	HAS/D 200	1				
Type of Coacl	hwork	Two Door	SALOON				No. of London
Recognition is	s valid from	546	eftember	196	3In category	Touring	
		a'	199				

Photograph to be affixed here 3 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

SHEET METAL INTEGRAL CONSTRUCTION

Photographs to be affixed below.



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.

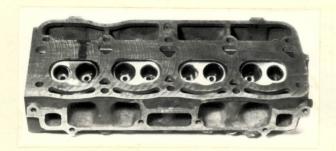


Rear axle complete (without wheels).



Main jet identification No.....

Air filter: Type OIL WETTED - DOMESTIC	No. fitted ONE	
Air filter: Type OIL WETTED - DOMESTIC Inlet manifold: PAPER ELEMENT - EXPORT		
Diameter of flange hole at carburettor	30•73	m.m.
Diameter of flange hole at port	26.9	m.m.





Exhaust manifold:	29.5 x 24.7 END PORTS	
Diameter of flange hole at por	rt 29.5 x 64.0 CENTRE PORT	m.m.
Diameter of flange hole at con		m.m.



ing crown to be affixed here.



EI	NGINE ACCESSORIES			0=
	Make of fuel pump	A.C.DELCO	No. fitted	UNE
	Method of operation	MECHANICAL	DRIVE FROM CAMS	HAFT
	Make of ignition	A.C.DELCO	Model	7952772
	Method of advance and r	etard CENT	RIFUGAL & VACUUN	1
	Make of ignition coil			FILLED
	No. of ignition coils			12V
	Make of dynamo			C40-1
	Voltage of dynamo			itput 22 amps.
	Make of starter motor			M35
	Battery: No. fitted			32 amp. hour
	Oil Cooler (if fitted)	type AIR	Capacity	
	,	, ,		

ke VAUX	CHALL	M	odel	НА	F.I.A. Rec	ognition No.		5 / L
			Manufac	turers Refere	ence No. of	Application.	VM63/	/3
ANSMISS								
Make of	clutch	BORG & E	BECK		Ту	ре6	•0 DS	
Diamete	r of clutch p	late	6"		No	o. of plates.	1- DIA	APHRAG
Method	of operating	clutch		MECHAN	IICAL			
Make of	gearbox	VAUXI	HALL	-	Ту	pe 4 SPI	EED SYN	NCHROM
No. of g	earbox ratio	os. 4	- FOR	WARD -	ONE RE	VERSE		
Method	of operating	g gearshift		FLOO				
Location	of gearshif	t		FLOO)R			
		No			./.			
Method	of controllin	g overdrive,	, if fitted		V A			
	GEARBO	X RATIOS			ALTERNAT	IVE RATIOS		
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	3•765	29 37						700011
2.	2•213	29 29 19 20						
3.	1 • 404	29 23						
4.	1-1	DIRECT						
REVERS	SE TOT	29 34						
5.	3.707	19 14						
Type of f	anal duiva	SPIRA	AI Hyp	OLD.				
		Two F			NE PIE	CE CAST	r Housi	NG
		l•125						
	teeth			Aicernative	-3	9/35	••••••••••	***************************************
Overdriv	e ratio, if fi	tted	N	/A		•		
IEELS								
Туре	Disc			Weig	ht	3.85	3507001.04	k
		nt		0				
Rim dian	neter	304	8 m			88•		
		50 - 12						
KES								
Method o	of operation		Hyp	RAULIC				
		ed? YES						1-1
		edb						

Bore

ONE

No. of hydraulic master cylinders.

17•78

m.m.

	Front		Rear	
No. of wheel cylinders	TWO PER BI	RAKE	ONE PER BE	RAKE
Bore of wheel cylinders	19.05	m.m.	17.78	m.m.
Inside diameter of brake drums	203•2	m.m.	203-2	
No. of shoes per brake	Two			
Outside diameter of brake discs			-	
No. of pads per brake	4		_	
Dimensions of brake linings per dimensions, specify each)				not of same
	Front		Rear	
Length	159.6	m.m.	159•6	m.m.
	04 =5			
Width	31.75	m.m.	31.75	
Total area per brake	10136	m.m.²	10136	m.m.²
USPENSION	Front		Rear	
Туре	INDEPENDANT	WISHBONE	BEAM AX	LE
Type of spring	SINGLE TRAN	ISVERSE	SEMI-EL	LIPTICA
Is stabiliser fitted?	No		-No	
Type of shock absorber	DOUBLE ACT	NG	TELESCO	PIC
No. of shock absorbers	Two		Two	
TEERING				
Type of steering gear	RACK & F	NOINIO		
Type of steering gear	INAUN OLI			
Turning circle of car				
Turning circle of car		9•45		m., approx.
Turning circle of carNo. of turns of steering wheel	from lock to loc	9•45		m., approx.
Turning circle of car No. of turns of steering wheel APACITIES AND DIMENSION	from lock to loc	9•45 k 3•79		m., approx.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 5.00	from lock to loc	9•45		m., approx.
Turning circle of car No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank Radiator 5.88	from lock to loc NS litres	9•45 k 3•79 Sump	3 • 56	m., approx.
Turning circle of car No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank Radiator S•88 Overall length of car 393•	from lock to loc NS litres litres Cm. O	9•45 k 3•79 Sump	3•56 car 150•9	m., approx.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31 • 9 Radiator 5 • 88 Overall length of car, unladen (version of turns)	I from lock to loc NS litres litres Cm. with hood up, if ap	9•45 k 3•79 Sump	3•56 car 150•9	m., approx.
Turning circle of car No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31 • 9 Radiator 5 • 88 Overall length of car 393 • Overall height of car, unladen (value) Distance from floor to top of wing the car.	from lock to loc If the litres In the litres If	9•45 k 3•79 Sump verall width of propriate) 13	3•56 car 150•9 5•4 cm.	m., approx.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31 • 9 Radiator 5 • 88 Overall length of car 393 • Overall height of car, unladen (variable) Distance from floor to top of with this point 104 • 1	from lock to loc If the litres In the litres If	9•45 k 3•79 Sump verall width of propriate) 13	3•56 car 150•9 5•4 cm.	m., approx.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31 • 9 Radiator 5 • 88 Overall length of car 393 • Overall height of car, unladen (variable) Distance from floor to top of wird Highest point 104 • 1 Width of windscreen:	from lock to loc If the litres In the litres If	9•45 k 3•79 Sump verall width of propriate) 13 vest point	3•56 car 150•9 5•4 cm.	m., approx. litres cm.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31 • 9 Radiator 5 • 88 Overall length of car 393 • Overall height of car, unladen (variety) Distance from floor to top of wirth the control of the control of wirth the control of	from lock to loc NS litres g.cm. Or with hood up, if ap indscreen: cm. Lov	9•45 k 3•79 Sump verall width of propriate) 13 vest point	3•56 car 150•9 5•4 cm.	m., approx. litres cm.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31.9 Radiator 5.88 Overall length of car 393. Overall height of car, unladen (variable) Distance from floor to top of wird Highest point 104.1 Width of windscreen: Maximum width 121. *Interior width of car 129.	from lock to loc If the litres In the litres If	9•45 k 3•79 Sump verall width of propriate) 13 vest point	3•56 car 150•9 5•4 cm.	m., approx. litres cm.
No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31 • 9 Radiator 5 • 88 Overall length of car 393 • Overall height of car, unladen (v. Distance from floor to top of wi. Highest point 104 • 1 Width of windscreen: Maximum width 121 • *Interior width of car FOUR	from lock to loc If the litres Grant Comment	9•45 k 3•79 Sump verall width of propriate) 13 vest point	3•56 car 150•9 5•4 cm. 101•6 cn	m., approx. litres cm.
Turning circle of car No. of turns of steering wheel APACITIES AND DIMENSION Fuel tank 31.9 Radiator 5.88 Overall length of car 393. Overall height of car, unladen (variable) Distance from floor to top of wirth the composition of the	from lock to loc NS litres g cm. Or with hood up, if ap indscreen: cm. Lov g cm. M	9•45 k 3•79 Sump verall width of propriate) 13 vest point	3•56 car 150•9 5•4 cm. 101•6 cn 104•1	m., approxlitrescm.

Overall weight with water, oil and spare wheel, but without fuel 632 682 kgs.

Additional information for cars fitted with two-cycle engines System of cylinder scavenging..... Type of lubrication..... Size of inlet port: Height m.m. Area m.m.² Size of exhaust port: Size of transfer port: Length measured around cylinder wall Height m.m. Area m.m.² Size of piston port: Length measured around piston.....m.m.m. Method of pre-compression..... Bore and stroke of pre-compression cylinder, if fitted m.m. Distance from top of cylinder block to highest point of transfer port......m.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 injectors Model or Type No. Location of injectors.....

CODE 274 - DISC BRAKES

NUMBER OF WHEEL CYLINDERS
BORE OF WHEEL CYLINDERS
OUTSIDE DIA. OF DISCS
NO OF PADS/BRAKES
TOTAL AREA/BRAKE

FRONT
Two
41 • 15 mm
210 • 43 mm
Two
4160 mm²

FUEL TANK - 18.7 GALLS (85 LITRES) - 6385586

SUMP & FRONT SUSPENSION PROTECTOR - X7151658

OIL COOLER -- X7153834

WHEEL RIM OPTION - DIA 304.8 MM - WIDTH 101.6 MM.

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VM 63/3A



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Amendment to Form of Recognition

VAUXHALL MOTORS LTD. Manufacturer..... VIVA/EPIC HA Model....

CARBURETTOR

SOLEX MAKE

30 PSE1-6 MODEL

22 MM CHOKE

MAIN JET 100 MM.

STEERING

3.14 TURNS

Date amendment is valid from 16 Nov. 1964

	Front	Rear
No. of wheel cylinders		
Bore of wheel cylinders	m.m.	m.m.
Inside diameter of brake drums .	m.m.	m.m.
No. of shoes per brake		
Outside diameter of brake discs .	m.m.	m.m.
No. of pads per brake		
Dimensions of brake linings per s dimensions, specify each)	hoe or pad (if all shoes or pads in e	
	Front	Rear
Length	m.m.	m.m.
	m.m.	m.m.
Width .	m.m.	m.m.
Total area per brake	m.m.²	m.m. ²
SUSPENSION	Front	Rear
Туре		
Type of spring	/	. 187
Is stabiliser fitted?		
Type of shock absorber		
No. of shock absorbers	<u> </u>	
STEERING		
Type of steering gear		
Turning circle of car		m., approx.
No. of turns of steering wheel for	rom lock to lock	,
CAPACITIES AND DIMENSIONS		
Fuel tank	litres Sump.	litres
Radiator	litres	
Overall length of car	cm. Overall width of car	cm,
	th hood up, if appropriate)	* * * * * * * * * * * * * * * * * * *
Distance from floor to top of wind		
	cm. Lowest point	cm.
Width of windscreen:	•	
Maximum width	cm. Minimum width	cm.
*Interior width of car	cm.	E. Sign.
No. of seats		
Track: Front	A.A.	cm
Wheelbase		m.m.m
*(To be measured at the immediate rear		
in a vertical plane of not less th	an 25 cms.)	Hamberg
Overall weight with water, oil and	spare wheel, but without fuel	kgs.