

mini-62

Manufacturers Reference No. for Application

1010



F.I.A. Recognition No.

1115

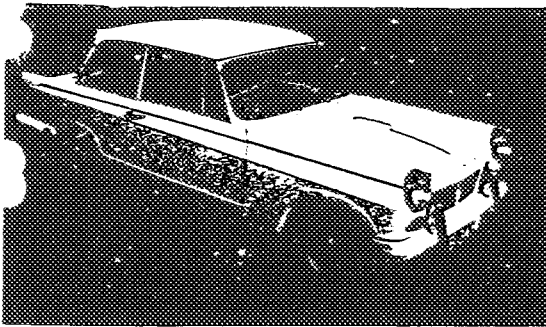
ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.1.

Federation Internationale de l'Automobile.

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

Manufacturer STANDARD TRIUMPH SALES LIMITED.
 Model HERALD 1200 SALOON Year of Manufacture 1962
 Serial No. of Chassis GA I DL
 Engine GA I BE
 Type of Coachwork SALOON
 Recognition is valid from 27 FEB 1962 In category TOURING.

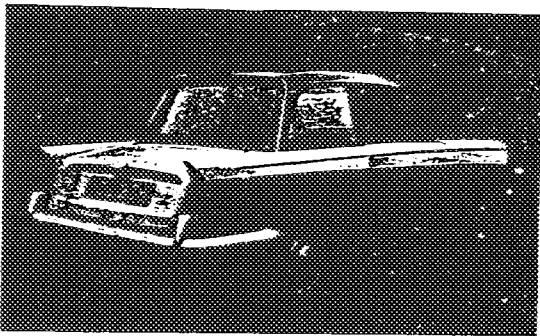


FEDERATION INTERNATIONALE DE L'AUTOMOBILE
Svenska Bilförbundet

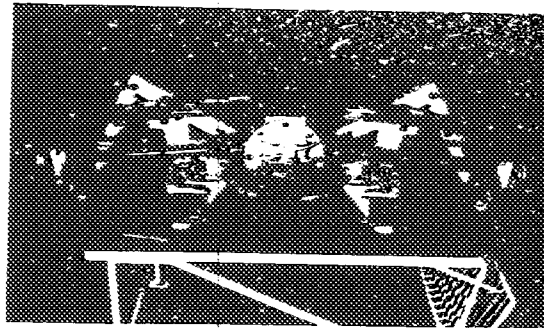
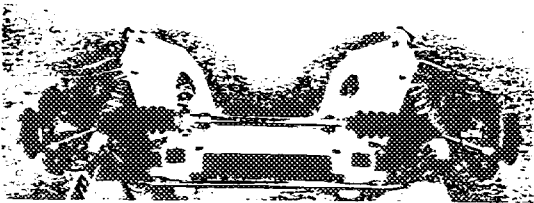
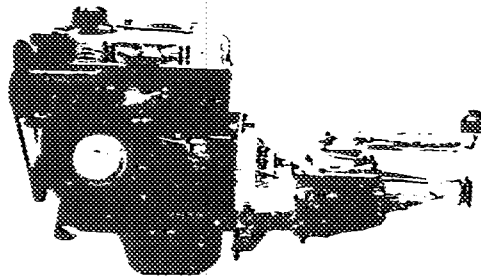
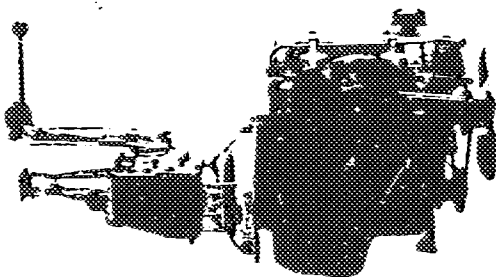
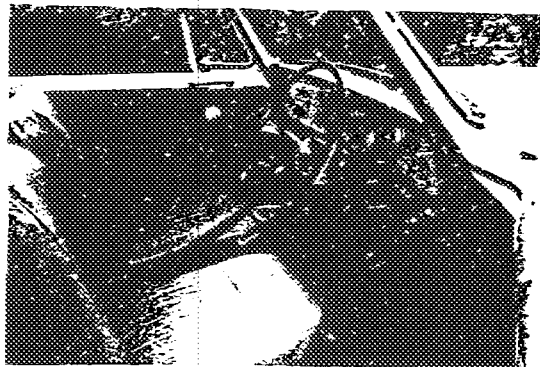
Stamp of F.I.A. to be
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General description of car:



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ENGINE

No. of cylinders 4 in line _____
~~XXX~~
~~XXX~~

Cycle 4 STROKE Firing order I, 3, 4, 2

Capacity 1147 c.c. Bore 69.5 m.m. Stroke 76 m.m.

Maximum rebore I m/m Resultant capacity 1171 c.c.

Material of cylinder block CAST IRON Material of sleeves, if fitted NOT FITTED.

Distance from crankshaft centre line to top face of block at centre line of cylinders 275.5 m.m.

Material of cylinder head CAST IRON Volume of one combustion chamber 35.81 c.c.

Compression ratio 9.5 : 1

Material of piston ALUMINIUM ALLOY No. of piston rings 3

Distance from gudgeon pin centre line to highest point of piston crown 38.46 m.m.

Bearings { Crankshaft main bearings: Type LEAD INDIUM Dia. 50.8 m.m.
 Connecting rod big end: Type LEAD INDIUM Dia. 41.28 m.m.

Weights { Flywheel 5.69 kg.
 Crankshaft 10.88 kg.
 Connecting rod .61 kg.
 Piston with rings .3 kg.
 Gudgeon pin .09 kg.

No. of valves per cylinder 2 Method of valve operation PUSH RODS
 No. of camshafts 1 Location of camshafts IN BLOCK

Type of camshaft drive CHAIN

Diameter of valves: Inlet 33.17 m.m. Exhaust 29.21 m.m.

Diameter of port at valve seat: Inlet 30.2 m.m. Exhaust 27 m.m.

Tappet clearance for checking timing: Inlet .254 m.m. Exhaust .254 m.m.

Valves open: Inlet 79 B.B.D.C. Exhaust 58 B.B.D.C.

Valves close: Inlet 58 A.B.D.C. Exhaust 18 A.T.D.C.

Maximum valve lift: Inlet 7.92 m.m. Exhaust 7.92 m.m.

Degrees of crankshaft rotation from zero to—
 Maximum lift: Inlet 128 Exhaust 128
 1/4 Maximum lift: Inlet 76 Exhaust 76

Valve springs: Inlet Exhaust
 Type COIL SPRING COIL SPRING
 No. per valve 2 2

Carburettor: Type HORIZONTAL No. fitted 2
 (up or down draft, horizontal)

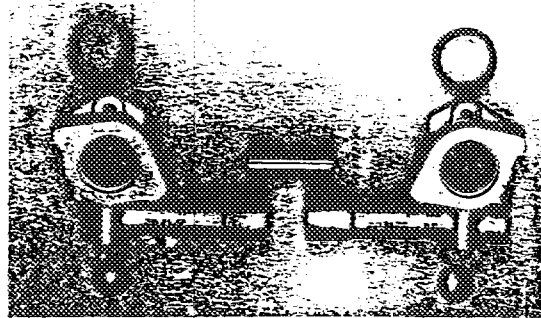
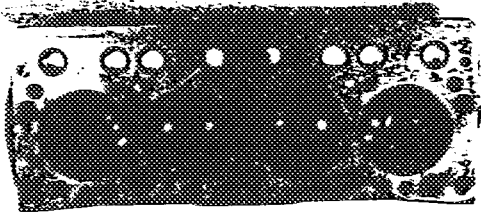
Make SU Model H I

Flange hole diameter 31.7 m.m. Choke diameter VARIABLE m.m.

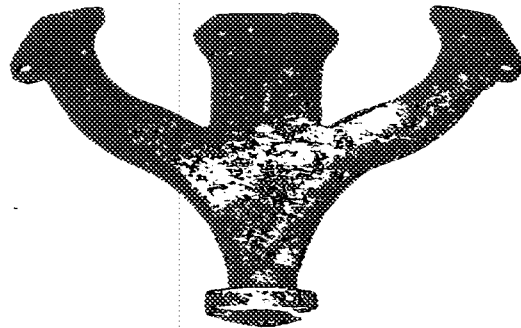
Main jet identification No. 9

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Air filter: Type PAPER ELEMENT No. fitted I
 Inlet manifold:
 Diameter of flange hole at carburettor 29 m.m.
 Diameter of flange hole at port 32 m.m.



Exhaust manifold:
 Diameter of flange hole at port 25 or 25.45 OF ANGULAR m.m.
 Diameter of flange hole at connection to silencer inlet pipe 39 m.m.



ENGINE ACCESSORIES

Make of fuel pump A.C. No. fitted I
 Method of operation MECHANICAL
 Type of ignition system COIL coil or magneto
 Make of ignition LUCAS Model DK 2
 Method of advance and retard CENTRIFUGAL AND ~~VACUUM~~ AUTOMATIC
 Make of ignition coil LUCAS Model LA 12
 No. of ignition coils I Voltage 12
 Make of dynamo LUCAS Model 340 I
 Voltage of dynamo 12 Maximum output _____ amps.
 Make of starter motor LUCAS Model K 350/I
 Battery: No. fitted I Voltage 12 Capacity 35 amp. hour **AT 10 HR RATING**

Make FERALD Model I200 SAIGON F.I.A. Recognition No. _____
 Manufacturers Reference No. of Application _____

TRANSMISSION

Make of clutch BORG AND BECK Type S.D.P.
 Diameter of clutch plate 6 7/8 ins No. of plates I
 Method of operating clutch HYDRAULIC
 Make of gearbox OWN MAKE Type MANUAL
 No. of gearbox ratios 4 FORWARD AND 1 REVERSE
 Method of operating gearshift LEVER ON CENTRE FLOOR
 Location of gearshift CENTRE FLOOR
 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.	3.746	$\frac{29 \times 21}{16 \times 15}$						
2.	2.158	$\frac{29 \times 25}{16 \times 21}$						
3.	1.394	$\frac{29 \times 20}{16 \times 26}$						
4.	1.000	DIRECT.						
5.								

Type of final drive HYPOID BEVEL
 Type of differential NON LIMITED SLIP
 Final drive ratio 4.11 Alternatives 4.55
 No. of teeth 3/37 9/41
 Overdrive ratio, if fitted _____

WHEELS

Type STEEL DISC Weight 5.2 kg. **WHEEL ONLY**
 Method of attachment 4 BOLTS AND NUTS
 Rim diameter 330 m.m. Rim width 89 m.m.
 Tyre size: Front 5.20 x 13" Rear 5.20 x 13"

BRAKES

Method of operation HYDRAULIC
 Is servo assistance fitted? NO
 Type of servo, if fitted _____
 No. of hydraulic master cylinders I Bore 15.9 m.m.

	Front		Rear	
No. of wheel cylinders	1 PER WHEEL		1 PER WHEEL	
Bore of wheel cylinders	42.8	m.m.	19.08	m.m.
Inside diameter of brake drums		m.m.	178	m.m.
No. of shoes per brake			2	
Outside diameter of brake discs	232	m.m.		m.m.
No. of pads per brake	2			
Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)				

	Front		Rear	
Length	56	m.m.	178	m.m.
		m.m.		m.m.
Width	38.1	m.m.	31.8	m.m.
Total area per brake	3732	m.m. ²	17735	m.m. ²

SUSPENSION

	Front	Rear
Type	INDEPENDENT	INDEPENDENT
Type of spring	COIL SPRINGS	TRANSVERSE LEAF
Is stabiliser fitted?	YES	NO
Type of shock absorber	TELESCOPIC	TELESCOPIC
No. of shock absorbers	2	2

STEERING

Type of steering gear	RAK AND PINION	
Turning circle of car	7.7	m. approx.
No. of turns of steering wheel from lock to lock	3 $\frac{1}{2}$	

CAPACITIES AND DIMENSIONS

Fuel tank	32	litres	Sump	4.4	litres FROM DRY
Radiator	4.8	litres			

Overall length of car 389 cm. Overall width of car 152.5 cm.

Overall height of car, unladen (with hood up, if appropriate) 132 cm.

Distance from floor to top of windscreen:

Highest point	101.6	cm.	Lowest point	100.3	cm.	MEASURED FROM FOOT WELL.
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Width of windscreen:

Maximum width	120	cm.	Minimum width	104	cm.
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*Interior width of car 124 cm. MAX.

No. of seats 4

Track: Front	124	cm.	Rear	122	cm.
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Wheelbase	232	cm.	Ground clearance	170	m.m.
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*(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.)

Overall weight with water, oil and spare wheel, but without fuel 781 kgs.

Additional information for cars fitted with two-cycle engines

System of cylinder scavenging _____

Type of lubrication _____

Size of inlet port:

Length measured around cylinder wall _____ m.m.

Height _____ m.m. Area _____ m.m.²

Size of exhaust port:

Length measured around cylinder wall _____ m.m.

Height _____ m.m. Area _____ m.m.²

Size of transfer port:

Length measured around cylinder wall _____ m.m.

Height _____ m.m. Area _____ m.m.²

Size of piston port:

Length measured around piston _____ m.m.

Height _____ m.m. Area _____ m.m.²

Method of pre-compression _____

Bore and stroke of pre-compression cylinder, if fitted _____ m.m.

Distance from top of cylinder block to lowest point of inlet port _____ m.m.

Distance from top of cylinder block to highest point of exhaust port _____ m.m.

Distance from top of cylinder block to highest point of transfer port _____ m.m.

Drawing of cylinder ports.

Supercharger, if fitted

Make _____ Model or Type No. _____

Type of drive _____ Ratio of drive _____

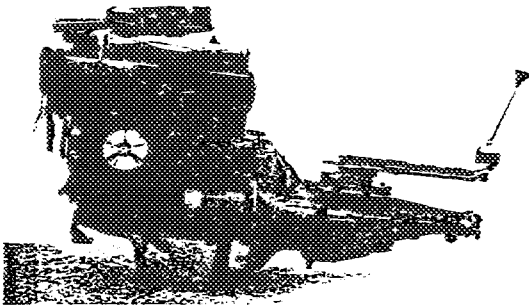
Fuel injection, if fitted

Make of pump _____ Model or Type No. _____

Make of injectors _____ Model or Type No. _____

Location of injectors _____

Optional equipment affecting preceding information:—



Single Carburettor Engine.

Differing from Twin S.U. Engine as shown:—

Compression Ratio	8:1	
Valves Open	Inlet 12° BTDC	Exhaust 52° BBDC
Valves Close	52° ABDC	12° ATDC

Max. Valve Lift. Inlet & Exhaust 7.11 mm.

Degrees Crankshaft rotation from zero to:—

Maximum Lift. Inlet 122° Exhaust 122°

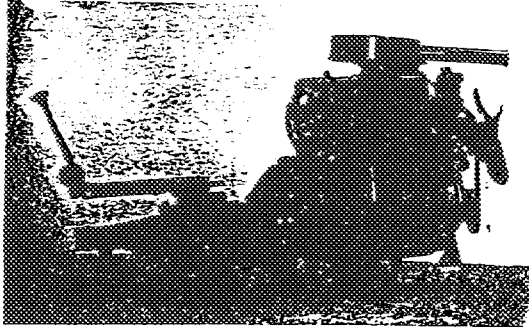
$\frac{3}{4}$ Maximum Lift. Inlet 73° Exhaust 73°

Carburettor 1 Down Draught Solex.

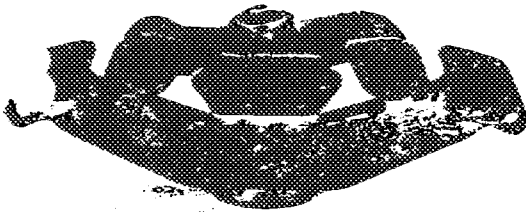
Model 30 ZIC/3 or B30 P.S.E.I.

Flange Dia. 30 mm. Choke Dia. 21 or 21.5 mm.

Main jet identification No. 112.5



Inlet Manifold. Flange Hole dia. Carb. 31.75mm.
Exhaust Manifold. Flange Hole dia. Port 25x25 RECT.
Flange Hole to Silencer 32.13 mm.

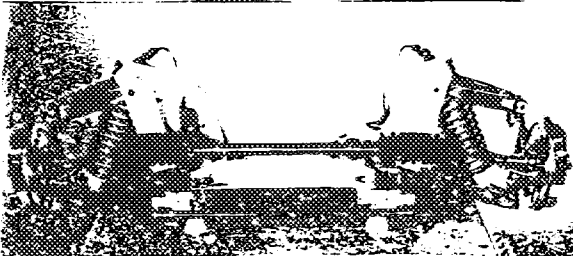


Front Suspension with Drum Brakes

Bore of wheel cylinders 19.08 mm.
Inside dia. of brake drums 203 mm.
No. of shoes per brake 2.
Brake Lining Length 20.3 mm.
Width 31.8 mm.
Total Brake Area 20270 mm.

5.60" x 13" Tyres.
Sump Skid Shield.

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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

TRIUMPH - HERALD 1200 SALOON

2/68

1115

MARQUE ET MODELE

VALIDITE HOMOLOGATION

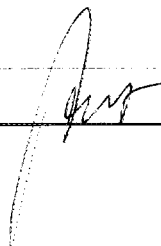
FICHE NR.

TUR / 1150

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES

Autres homologations du modèle

Vérifiée le 26/10/96 par  visée ce jour le _____ par _____