

Manufacturers Reference No. for Application

1017.



F.I.A. Recognition No. 70

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 INTERNATIONAL LTD.,

Model TRIUMPH VITESSE 6 CONVERTIBLE. Year of Manufacture 1962.

Chassis HB I CV ONWARDS.

Serial No. of Engine HB I HE ONWARDS.

Type of Coachwork CONVERTIBLE.

Recognition is valid from - 5 OCT 1962 In category GRAND TOURING.



Stamp of F.I.A./R.A.C. to be
affixed here.

Form: R.F.I.A.

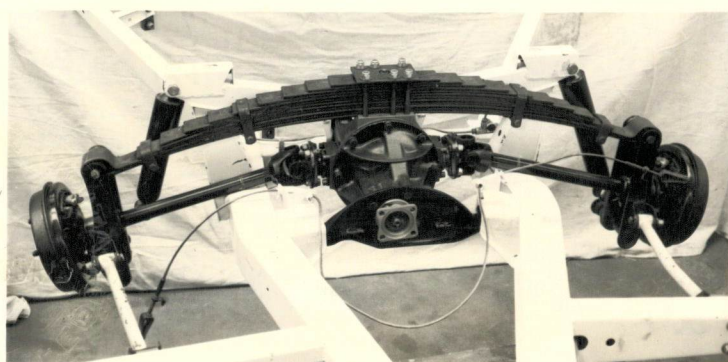
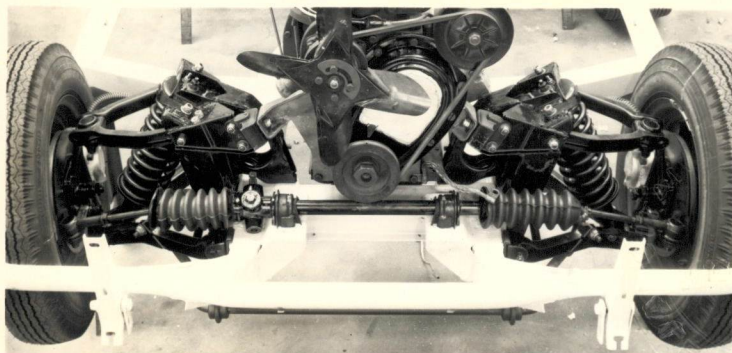
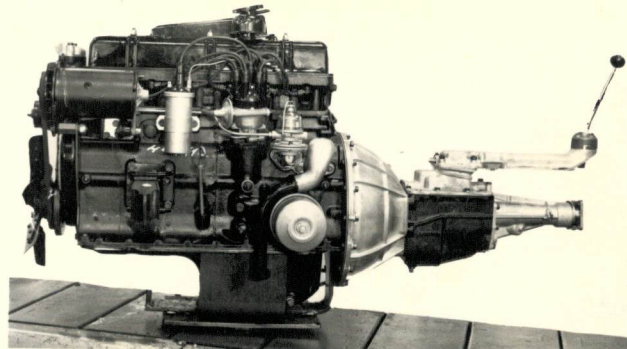
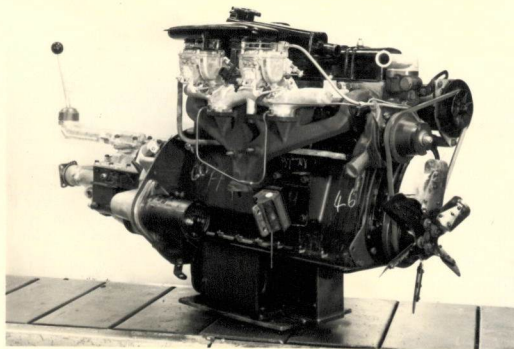
General description of car:

Specify here material/s of
chassis/body construction

STEEL BODY AND CHASSIS.



ffix



ENGINE

No. of cylinders 6 in line
XX
~~OPPOSED~~

Cycle FOUR STROKE. Firing order 1, 5, 3, 6, 2, 4.

Capacity 1596 c.c. Bore 66.75 m.m. Stroke 76 m.m.
 Maximum rebore .040" Resultant capacity 1645 c.c.

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

Distance from crankshaft centre line to top face of block at centre line of cylinders 223 m.m.

Material of cylinder head CAST IRON. Volume of one combustion chamber 29.67 c.c.

Compression ratio 8.75 to 1

Material of piston ALUMINIUM ALLOY. No. of piston rings 3

Distance from gudgeon pin centre line to highest point of piston crown 38.1 m.m.

Bearings { Crankshaft main bearings: Type LEAD INDIUM Dia. 50.8 m.m.
 Connecting rod big end: Type LEAD INDIUM Dia. 47.55 m.m.

Weights { Flywheel 9.1 kg.
 Crankshaft 19.1 kg.
 Connecting rod 0.68 kg.
 Piston with rings .37 kg.
 Gudgeon pin .085 kg.

No. of valves per cylinder 2 Method of valve operation BY PUSHROD.

No. of camshafts 1 Location of camshafts IN SIDE OF BLOCK.

Type of camshaft drive BY CHAIN.

Diameter of valves: Inlet 33 m.m. Exhaust 29.9 m.m.

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

Tappet clearance for checking timing: Inlet 0.4 m.m. Exhaust 0.4 m.m.

Valves open: Inlet 18° BTDC Exhaust 58° BBDC.

Valves close: Inlet 58° ABDC Exhaust 18° ATDC.

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°

$\frac{3}{4}$ Maximum lift: Inlet 76° Exhaust 76°

Valve springs:

Type	<u>Inlet</u>	<u>COIL.</u>	<u>Exhaust</u>	<u>COIL.</u>
No. per valve	<u>2</u>		<u>2</u>	

Carburettor: Type SEMI DOWN DRAUGHT. No. fitted 2
 (up or down draft, horizontal)

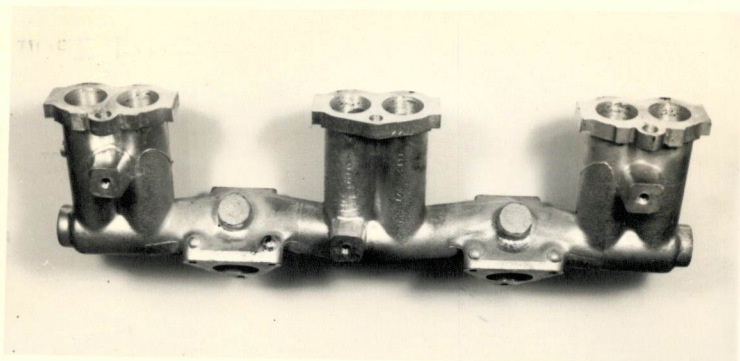
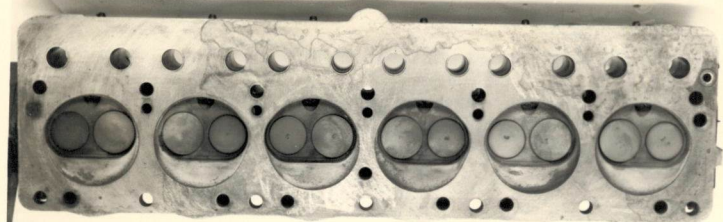
Make SOLEX. Model 32 P.I.H.

Flange hole diameter 32 m.m. Choke diameter 20 m.m.

Main jet identification No. 110.

Air filter: Type A.C. PAPER. No. fitted I

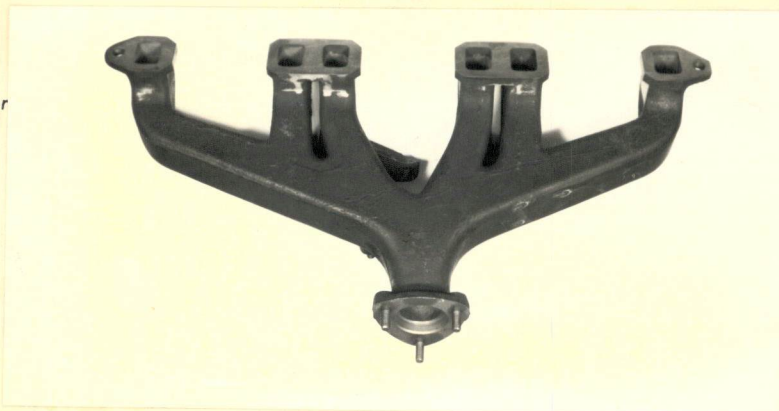
Inlet manifold:
Diameter of flange hole at carburettor 32 m.m.
Diameter of flange hole at port 28.6 m.m.



Exhaust manifold:
Diameter of flange hole at port 28.7 x 23.85 Rectangular. m.m.
Diameter of flange hole at connection to silencer inlet pipe 38.1 m.m.



d her



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 _____
Method of advance and retard CENTRIFUGAL AND VACUUM AUTOMATIC.
Make of ignition coil LUCAS Model HA I2.
No. of ignition coils I Voltage I2.
Make of dynamo LUCAS. Model CV 40
Voltage of dynamo I2 Maximum output 22 amps.
Make of starter motor LUCAS. Model M 35 G.
Battery: No. fitted I Voltage I2 Capacity 37 amp. hour
Oil Cooler (if fitted) type _____ Capacity _____ pints

Make **TRIUMPH VITESSE 6** Model **CONVERTIBLE** F.I.A. Recognition No.

Manufacturers Reference No. of Application **1017**

TRANSMISSION

Make of clutch **BORG AND BECK** Type **SINGLE DRY PLATE**

Diameter of clutch plate **8"** No. of plates **1**

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 IN CENTRE FLOOR**

Location of gearshift **CENTRE FLOOR**

Is overdrive fitted? **OPTIONAL EXTRA**

Method of controlling overdrive, if fitted **ELECTRICAL SWITCH**

	GEARBOX RATIOS		ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	2.932	$\frac{26}{19} \times \frac{30}{14}$						
2.	1.779	$\frac{26}{19} \times \frac{26}{20}$						
3.	1.254	$\frac{26}{19} \times \frac{22}{24}$						
4.	1.000	DIRECT.						
REVERSE	2.932	$\frac{26}{19} \times \frac{30}{14}$						

Type of final drive **HYPOID BEVEL**

Type of differential **NON LIMITED SLIP**

Final drive ratio **4.11** Alternatives **4.55**

No. of teeth **9/37** **9/41**

Overdrive ratio, if fitted **.802 OPTIONAL EXTRA**

WHEELS

Type **STEEL DISC** Weight **5.2** kg.

Method of attachment **4 STUDS AND NUTS**

Rim diameter **330** m.m. Rim width **89** m.m.

Tyre size: Front **5.60 x 13"** Rear **5.60 x 13"**

BRAKES

Method of operation **HYDRAULIC**

Is servo assistance fitted? **OPTIONAL EXTRA**

Type of servo, if fitted **VACUUM**

No. of hydraulic master cylinders **1** Bore **15.8** m.m.

	<u>Front</u>	<u>Rear</u>
No. of wheel cylinders	2 PER WHEEL.	1 PER WHEEL.
Bore of wheel cylinders	42.8 m.m.	18.78 m.m.
Inside diameter of brake drums	m.m.	203 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)		

	<u>Front</u>	<u>Rear</u>
Length	56 m.m.	193.5 m.m.
	m.m.	m.m.
Width	38.1 m.m.	31.8 m.m.
Total area per brake	8732 m.m. ²	20280 m.m. ²

SUSPENSION

	<u>Front</u>	<u>Rear</u>
Type	INDEPENDENT.	INDEPENDENT.
Type of spring	COIL.	TRANSVERSE.
Is stabiliser fitted?	YES.	NO.
Type of shock absorber	TELESCOPIC.	TELESCOPIC.
No. of shock absorbers	2	2

STEERING

Type of steering gear..... RACK AND PINION.

Turning circle of car..... 7.6 m., approx.

No. of turns of steering wheel from lock to lock..... 4~~3~~ OPTIONAL 3~~4~~.

CAPACITIES AND DIMENSIONS

Fuel tank..... 40 litres Sump..... 4 litres

Radiator..... 14 litres

Overall length of car..... 388.5 cm. Overall width of car..... 152.5 cm.

Overall height of car, unladen (with hood up, if appropriate)..... 133.5 cm.

Distance from floor to top of windscreen:

Highest point..... 101.6 cm. Lowest point..... 100.3 cm.

Width of windscreen:

Maximum width..... 120. cm. Minimum width..... 104. cm.

*Interior width of car..... 124. cm. MAX.

No. of seats..... 4

Track: Front..... 124.5 cm. Rear..... 122. cm.

Wheelbase..... 232.5 cm. Ground clearance..... 170. m.m.

*(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..... 876 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:—

ADDITIONAL 9 GALLON FUEL TANK..

RADIATOR AND SUMP SKID SHIELD.

4 $\frac{1}{2}$ x 13" STEEL DISC WHEELS.



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

TRIUMPH - VITESSES CONVERTIBLE

MARQUE ET MODELE

10/69

VALIDITE HOMOLOGATION

70

FICHE NR.

GT/1600

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES

Autres homologations du modèle

Vérifiée le 26/2/96 par [Signature] visée ce jour le _____ par _____