

Manufacturers Reference No. for Application

1012



F.I.A. Recognition No.

61

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 TR4 WITH 1991 CC ENGINE Year of Manufacture 1961.

Chassis CI 1 ONWARDS.

Serial No. of
Engine CTA 1 E ONWARDS.

Type of Coachwork 2 SEATER, 2 DOOR, SOFT OR HARDTOP.

Recognition is valid from 16 JAN 1962 In category GRAND TOURING.

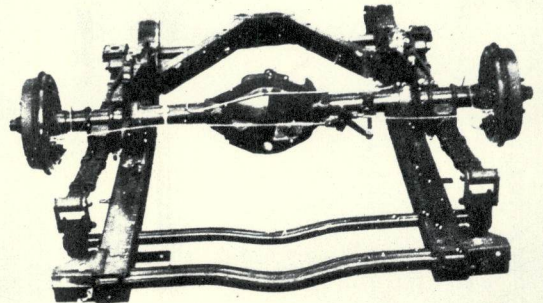
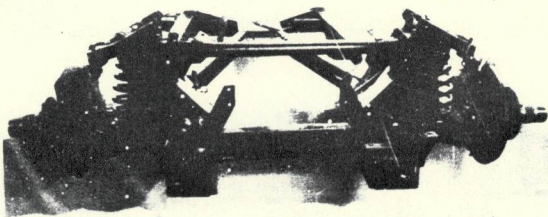
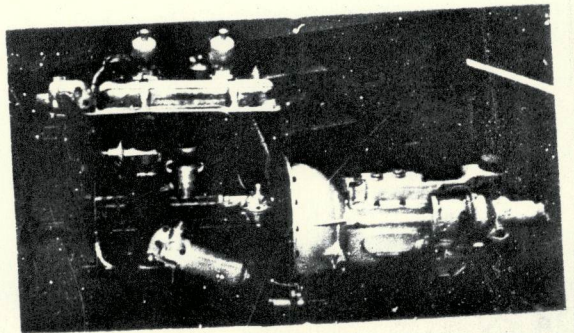
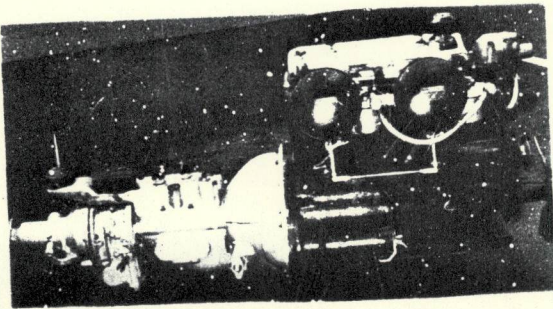
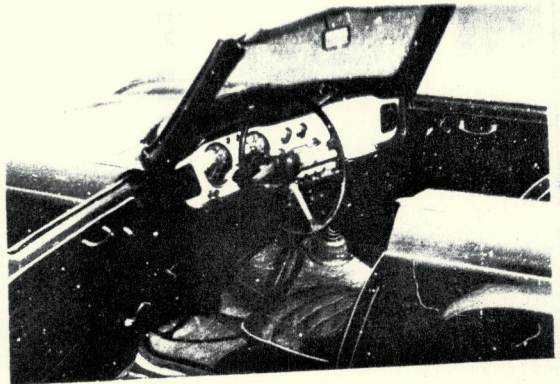


Stamp of F.I.A./R.A.C. to be
affixed here.

Form: R.F.I.A.

General description of car:

Specify here material/s of
chassis/body construction



ENGINE

No. of cylinders 4 in line YES
 in V _____
 opposed _____
 Cycle FOUR STROKE. Firing order 1,3,4,2
 Capacity 1991 c.c. Bore 83 m.m. Stroke 92 m.m.
 Maximum rebore _____ Resultant capacity _____ c.c.
 Material of cylinder block CAST IRON. Material of sleeves, if fitted CAST NICKEL CHROME.
 Distance from crankshaft centre line to top face of block at centre line of cylinders 256 m.m.
 Material of cylinder head CAST IRON Volume of one combustion chamber 63 c.c.
 Compression ratio 9 : 1
 Material of piston Y ALLOY. No. of piston rings 3
 Distance from gudgeon pin centre line to highest point of piston crown 50.90 m.m.
 Bearings { Crankshaft main bearings: Type D2 SIMETAL. Dia. 62.97 m.m.
 Connecting rod big end: Type LEADXINDIUM. Dia. 52.98 m.m.
 Weights { Flywheel 11.4 kg.
 Crankshaft 19 kg.
 Connecting rod .94 kg.
 Piston with rings .6 kg.
 Gudgeon pin 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 DRIVE BY CHAIN.
 Diameter of valves: Inlet 36.9 m.m. Exhaust 29.8 m.m.
 Diameter of port at valve seat: Inlet 37.3 m.m. Exhaust 30.2 m.m.
 Tappet clearance for checking timing: Inlet 0.381 m.m. Exhaust 0.381 m.m.
 Valves open: Inlet 15 B.T.D.C. Exhaust 55 B.B.D.C.
 Valves close: Inlet 55 A.B.D.C. Exhaust 15 A.T.D.C.
 Maximum valve lift: Inlet 9.652 m.m. Exhaust 9.652 m.m. 254 mm CLEARANCE.
 Degrees of crankshaft rotation from zero to—
 Maximum lift: Inlet 125 Exhaust 125
 ¾ Maximum lift: Inlet 73 Exhaust 73
 Valve springs: Inlet Exhaust
 Type COIL
 No. per valve 2
 Carburettor: Type SEMI DOWN DRAUGHT. No. fitted 2
 (up or down draft, horizontal)
 Make S.U. Model H.6
 Flange hole diameter 46 m.m. Choke diameter 44.45 m.m.
 Main jet identification No. 100

Air filter: Type AC 7223403
 Inlet manifold:
 Diameter of flange hole at carburettor
 Diameter of flange hole at port

No. fitted

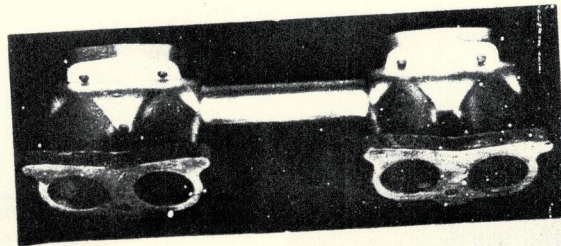
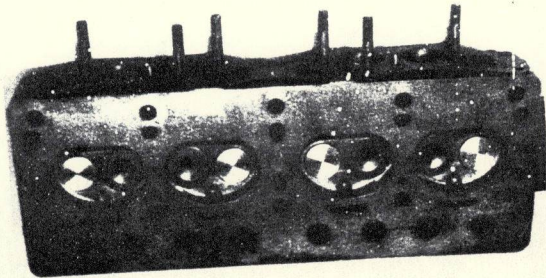
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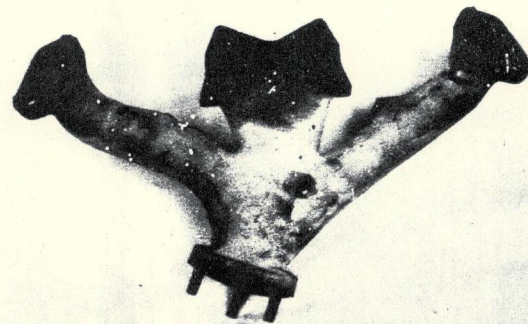
m.m.

38

m.m.



Diameter of flange hole at port 33.3 x 28.2 RECTANGULAR. m.m.
 Diameter of flange hole at connection to silencer inlet pipe 46.48 m.m.



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	25D4
Method of advance and retard	VACUUM AND CENTRIFUGAL AUTOMATIC		
Make of ignition coil	LUCAS	Model	HAI2
No. of ignition coils	I	Voltage	I2
Make of dynamo	LUCAS	Model	C40/I
Voltage of dynamo	I2	Maximum output	20 amps.
Make of starter motor	LUCAS	Model	M/418/G
Battery: No. fitted	I	Capacity	57 amp. hour
	Voltage		I2
Oil Cooler (if fitted)	type Air/Oil Radiator	Capacity	2/3 pints
	Optional Extra.		

Make TRIUMPH TR4

Model I99ICC ENGLA Recognition No.

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TRANSMISSION

Make of clutch BORG AND BECK.

Type 9A6

Diameter of clutch plate 9"

No. of plates I

Method of operating clutch HYDRAULIC.

Make of gearbox STANDARD TRIUMPH.

Type ALL FORWARD GEARS CONS WITH SYNCHROME

No. of gearbox ratios 4 FORWARD I REVERSE.

Method of operating gearshift MANUAL.

Location of gearshift FLOOR MOUNIED.

Is overdrive fitted OPTIONAL EXTRA.

Method of controlling overdrive, if fitted ELECTRICALLY OPERATED

	GEARBOX RATIOS		ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	3.14	$\frac{35}{23} \times \frac{35}{16}$						
2.	2.01	$\frac{35}{23} \times \frac{35}{25}$						
3.	1.33	$\frac{35}{23} \times \frac{21}{31}$						
4.	1.000	DIRECT.						
REV.	3.22	$\frac{35}{23} \times \frac{36}{17}$						

Type of final drive HYPOID BEVEL GEARS.

Type of differential TWO BEVEL PINIONS.

Final drive ratio 3.7 Alternatives 4.1 OR 4.3 OR 4.55

No. of teeth 10/37 10/41 10/43 9/41

Overdrive ratio, if fitted .821 ON TOP, THIRD, OR SECOND (OPTIONAL EXTRA-

WHEELS

Type STEEL DISC 4J X 15 Weight 7.7 kg.

Method of attachment 4 STUD FIXING.

Rim diameter 381 m.m. Rim width 102 m.m.

Tyre size: Front 5.90(5.50/5.90) x 15 Rear 5.90(5.50/5.90) x 15

BRAKES

Method of operation HYDRAULIC.

Is servo assistance fitted? NO

Type of servo, if fitted

No. of hydraulic master cylinders I Bore 17.78 m.m.

	Front	Rear
No. of wheel cylinders	PER BRAKE	1 PER BRAKE
Bore of wheel cylinders	m.m.	17.78 in.m.
Inside diameter of brake drums	m.m.	223.6 m.m.
No. of shoes per brake		2 m.m.
Outside diameter of brake discs	279.4 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	@ END OF III mm m.m.	438.8 m.m.
Width	57 m.m.	44.5 m.m.
Total area per brake	1 000 m.m. ²	39000 m.m. ²

SUSPENSION

	Front	Rear
Type	INDEPENDENT	LIVE AXLE
Type of spring	COIL	SEMI ELLIPTIC LEAF.
Is stabiliser fitted?	OPTIONAL EXTRA.	NO
Type of shock absorber	TELESCOPIC	PISTON TYPE.
No. of shock absorbers	2	2

STEERING

	RACK AND PINION.
Type of steering gear	10 m., approx.
Turning circle of car	2 1/2
No. of turns of steering wheel from lock to lock	2 1/2

CAPACITIES AND DIMENSIONS

Fuel tank	53.5 litres	Sump	6.25 litres
Radiator	7.5 litres		
Overall length of car	396 cm.	Overall width of car	146 cm.
Overall height of car, unladen (with hood up, if appropriate)	127 cm.		
Distance from floor to top of windscreen:			
Highest point	95.3 cm.	Lowest point	66.1 cm.
Width of windscreen:			
Maximum width	115.6 cm.	Minimum width	103.5 cm.
*Interior width of car	123 cm.		
No. of seats	2		
Track: Front	124.5 cm.	Rear	122 cm.
Wheelbase	224 cm.	Ground clearance	15.2 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 946 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.....

Type of drive.....

Model or Type No.....

Ratio of drive.....

Fuel injection, if fitted

Make of pump.....

Make of injectors.....

Location of injectors.....

Model or Type No.....

Model or Type No.....

Optional equipment affecting preceeding information:—

ALUMINIUM SUMP KIT.

SUMP SKID SHIELD KIT.

LONG RANGE FUEL TANK 15 GALLONS.

~~FOUR BRANCH EXHAUST SYSTEM (SEE ATTACHED PHOTOGRAPH)~~

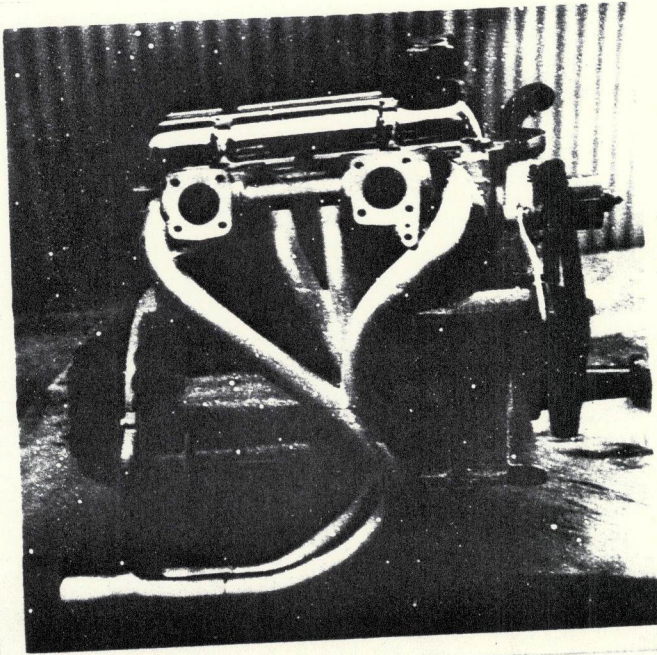
WHEELS.

TYPE WIRE

WEIGHT 7.5 KG.

48 SPOKE 4J X 15 OR 60 SPOKE 4½J X 15.

ATTACHMENT. KNOCK ON CENTRE LOCK NUT.



TRW MP4 - TR 4

MARQUE ET MODELE

1/62

VALIDITE HOMOLOGATION

64

FICHE NR.

GT 2000

GROUPE / CLASSE

[illegible]

Autres homologations du modèle

Vérifiée le 26/1/96 par [Signature] visée ce jour le _____ par _____