

Manufacturers Reference No. for Application

1021



F.I.A. Recognition No.

133

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 TR 4 with 2138 cc ENGINE.** Year of Manufacture..... **1963 Onwards.**
Chassis..... **CT 21441 Onwards.**
Serial No. of Engine..... **CT 21471 E Onwards.**
Type of Coachwork..... **Two Seater, two door, Hard or Soft Top.**
Recognition is valid from..... In category **Grand Touring.**



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



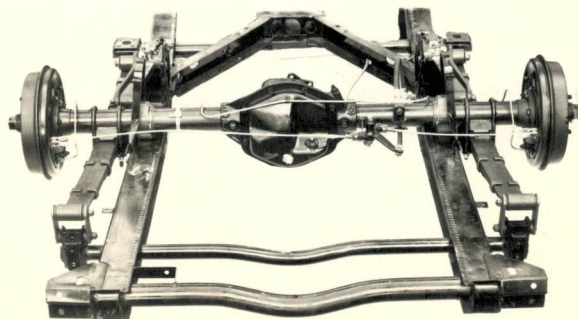
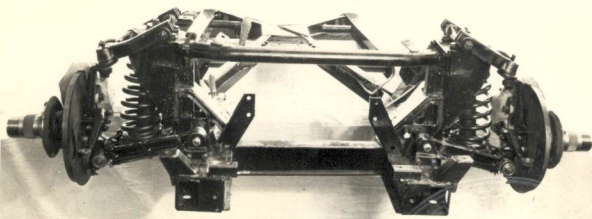
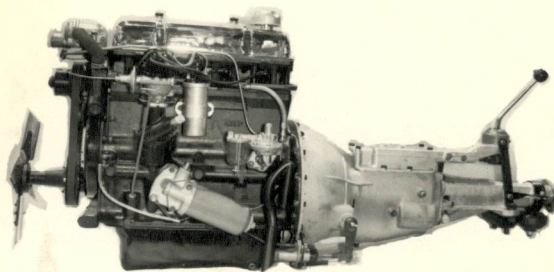
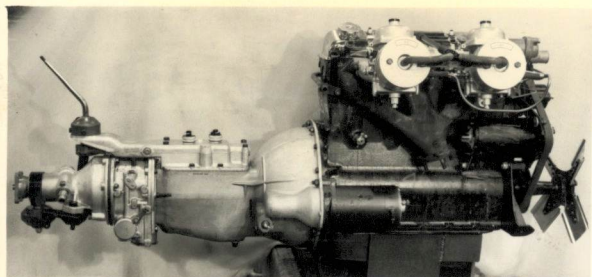
Form: R.F.I.A.

General description of car:

*Specify here material/s of
chassis/body construction*

STEEL CHASSIS.

Separate steel bodywork. Independent front suspension.

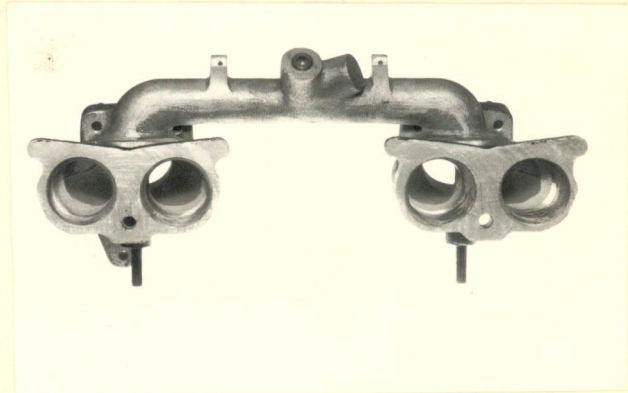
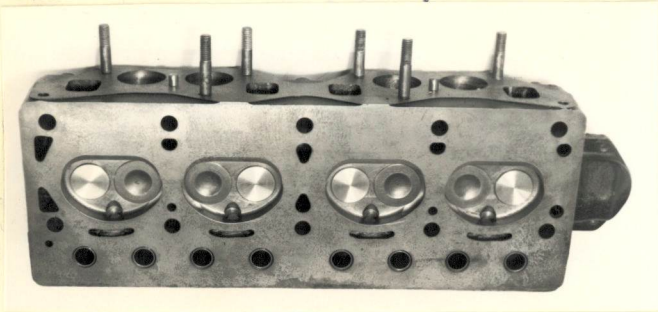


Air filter: Type Wire gauze or Paper Element No. fitted 2

Inlet manifold:

Diameter of flange hole at carburettor..... 46.....m.m.


Diameter of flange hole at port..... 38.....m.m.

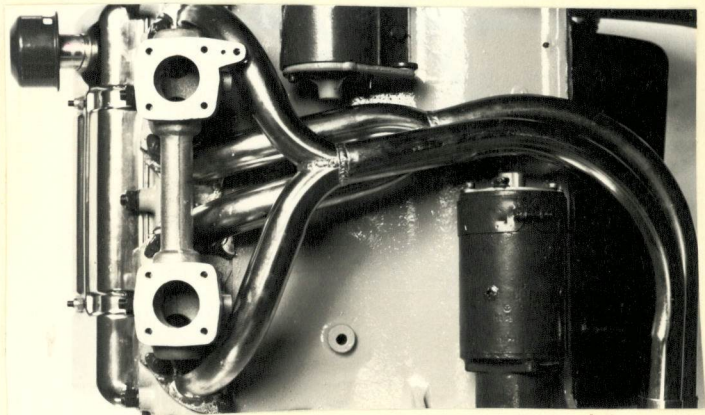


Exhaust manifold:

Diameter of flange hole at port..... 37.5 33 mm Rectangular......m.m.

Diameter of flange hole at connection to silencer inlet pipe..... 50.8.....m.m.

Photo  affixed here.



ENGINE ACCESSORIES

Make of fuel pump..... A.C...... No. fitted 1
Method of operation..... Mechanical.
Type of ignition system..... Coil......coil or magneto
Make of ignition..... Lucas..... Model 25D4
Method of advance and retard..... Centrifugal and Vacuum automatic.
Make of ignition coil..... Lucas..... Model HA12
No. of ignition coils..... 1..... Voltage 12
Make of dynamo..... Lucas..... Model C40/1
Voltage of dynamo..... 12..... Maximum output 20 amps.
Make of starter motor..... Lucas..... Model M/418/G
Battery: No. fitted 1..... Voltage 12..... Capacity 57 amp. hour
Oil Cooler (if fitted) type Air/Oil radiator..... Capacity 2/3 pints
Optional extra

Make Triumph Model TR4 (2130cc) F.I.A. Recognition No. 133

Manufacturers Reference No. of Application 1021

TRANSMISSION

Make of clutch Borg and Beck Type Single Dry Plate.
 Diameter of clutch plate 9" No. of plates 1
 Method of operating clutch Hydraulic
 Make of gearbox Own make Type Manual Synchronesh
 No. of gearbox ratios 4 forward and One reverse.
 Method of operating gearshift Manual.
 Location of gearshift Floor mounted.
 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.	3.14	$\frac{32}{23} \times \frac{32}{16}$						
2.	2.01	$\frac{32}{23} \times \frac{33}{25}$						
3.	1.33	$\frac{35}{23} \times \frac{27}{31}$						
4.	1.00	Direct.						
5.	3.22	$\frac{35}{23} \times \frac{36}{17}$	Reverse .					

Type of final drive Hypoid Bevel.
 Type of differential Non Limited Slip. Limited Slip optional extra.
 Final drive ratio 3.1 to 1 Alternatives 4.1 4.3 4.55
 No. of teeth 10/37 10/41 10/43 9/41
 Overdrive ratio, if fitted .821 to 1 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 x 15" Rear 5.90 x 15"

BRAKES

Method of operation Hydraulic.
 Is servo assistance fitted? Optional extra.
 Type of servo, if fitted Vacuum servo.
 No. of hydraulic master cylinders 1 Bore 17.75 m.m.

	Front	Rear
No. of wheel cylinders	2 per brake	1 per brake.
Bore of wheel cylinders	54 m.m.	17.78 m.m.
Inside diameter of brake drums		228.6 m.m.
No. of shoes per brake		2
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	77 @ Eff rad of 111 m.m.	438.8 m.m.
Width	57 m.m.	44.5 m.m.
Total area per brake	17000 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	No
Type of shock absorber	Telescopic	Lever type
No. of shock absorbers	2	2

STEERING

Type of steering gear	Rack and Pinion.
Turning circle of car	10 m., approx.
No. of turns of steering wheel from lock to lock	2½

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	114.3 cm.	Lowest point	112.4 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..... 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:—

Alternative Carburation:- Twin Double Choke 45DCOE Weber Carburettors and Manifold.

18 Imperial gallon fuel tank.

120 litre fuel tank.

Sump/Radiator skid shield kit.

Aluminium sump kit.

Wheels. 48 spoke wire centre lock 4J x 15".

60 spoke wire centre lock 4½J x 15".

Steel bolt on 5J x 15".

Aluminium alloy bolt-on 5J x 15".

Alternative exhaust system manifold. Flange hole 37.5 x 33 mm rectangular.

Silencer hole 46.48 mm.

Alfin brake drums.

