



5TH CATEGORY - HISTORIC RACING GROUP S APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current Motorsport Australia Manual.

Make of Car:	MG	Model:	TF 1250
Period of Original Manufacture:	1953 - 1954		
Motorsport Australia Historic Group:	Sa		
Date of Issue of this Document:	30/6/2022		



Update Log

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SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Metal boxed
Period of Manufacture:	1500 - 1955 – 1959 1600 – 1959 - 1961
Manufacturer:	MG
Chassis Number From:	HDxx0501 - HDxx 10100
Chassis Number location:	Scuttle
Material:	Mild steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent by wishbones		
Spring Medium:	Coil		
Damper Type:	Armstrong – lever arm	Adjustable:	No
Anti-sway bar:	No	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:	Spring rates and ride heights may be adjusted		

1.3. REAR SUSPENSION

Description:	Live axle with quarter elliptic springs and upper radius		
Spring Medium:	Semi elliptic		
Damper Type:	Armstrong – lever arm	Adjustable	No
Anti-sway bar:	No	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:	Spring rates and ride heights may be adjusted		

1.4. STEERING

Type:	Rack and pinion	Make:	MGA
Comments	None		

1.5. BRAKES

	Front	Rear
Type - 1500:	Drum	Drum
Dimensions - 1500:	254 mm x 44.45 mm	254 mm x 44.45 mm
Type - 1600:	Disc	Drum
Dimensions - 1600:	273 mm	254 mm x 44.45 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	Girling	
Caliper type:	Fixed	
Material:	Cast iron	
Master cylinder make:	Girling	
Type:	Single	
Adjustable bias:	No	
Servo Fitted:	No	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	MG		
Model:	XPAG		
No. cylinders:	Four	Configuration:	In line
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore – Original:	66.50 mm	Max allowed:	68.0 mm
Stroke – original:	90 mm	Max allowed:	90 mm
Capacity – original:	1250 cc	Max allowed:	1307 cc
Identifying marks:	Right side of engine		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	MG		
No. of valves/cylinder:	Two	Inlet:	One
		Exhaust:	One
No. of ports total:	Five	Inlet:	Two
		Exhaust:	Three
No. of camshafts:	One	Location:	Block
		Drive:	Chain
Valve actuation:	Pushrod and rocker		
Spark plugs/cylinder:	One		
Identifying marks:			
Comments:	None		

2.3. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump pump type:	N/A	Location:	N/a
Oil cooler standard:	No	Location:	N/A
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Points, Coil and Distributor		
Make:	Lucas		
Comments:	None		

2.5. FUEL SYSTEM

Carburettor Make:	SU	Model:	H4
Carburettor Number:	Two		
Size:	1 ½"		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Borg and Beck
Type:	Diaphragm
Diameter:	203 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	4-speed 3-synchro gearbox
Make:	MGA
Gearbox location:	Behind engine
No. forward speeds:	Four
Gearchange type and location:	Remote floor
Case material:	Aluminium
Identifying marks:	
Comments:	None

3.3. FINAL DRIVE

Make:	MG	Model:	
Ratios:	4.875, 4.55, 5.125		
Differential type:	Hypoid – semi floating		
Comments:	Ratios are free		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	One
Location:	Gearbox to final drive
Description:	Tubular with universal joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Wire spoke	Material - Original:	Steel
Wheel type - Allowed:	Wire spoke	Material - Allowed:	Steel
Fixture method:	Centre nut	No. studs:	N/A
Wheel dia. & rim width	FRONT		REAR
Original:	4" x 15"		4" x 15"
Allowed	4" x 15"		4" x 15"
Tyre Section:			
Original:	550 x 15"		550 x 15"
Allowed:	550 x 15"		550 x 15"
	165SRx15 – Michelin X2X		165SRx15 – Michelin X2X
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Rear	Capacity:	57 litres
Fuel pump, type:	Electrical	Make:	SU
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Generator
Battery Location:	Engine bay		
Comments:	None		

4.3. BODYWORK

Type:	Open	Material:	Mild steel/Wood
No. of seats:	Two	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1224 mm – wire wheels	Rear:	1290 mm – wire wheels
Wheelbase:	2388 mm	Overall length:	3740 mm
Dry weight:	880 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix