



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:	Nota	Model:	Fang SC TS
Period of Original Manufacture:	1968 - 1976		
Motorsport Australia Historic Group:	Sc		
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Update Log

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SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Tubular steel space frame		
Period of Manufacture:	1968 - 1976		
Manufacturer:	Nota Engineering		
Chassis Number From:			
Chassis Number location:	Front scuttle or rear bulkhead		
Material:	Steel		
Comments	None		

1.2. FRONT SUSPENSION

Description:	Independent - upper and lower wishbone		
Spring Medium:	Coil over damper		
Damper Type:	Telescopic	Adjustable:	Yes
Anti-sway bar:	Optional	Adjustable:	Yes
Suspension adjustable:	Yes	Method:	
Comments:	Spring rates and ride height are free		

1.3. REAR SUSPENSION

Description:	Independent - lower wishbone, upper rocker		
Spring Medium:	Adjustable ball and cone		
Damper Type:	Telescopic	Adjustable	Yes
Anti-sway bar:	Optional	Adjustable:	Yes
Suspension adjustable:	Yes	Method:	
Comments:	Spring rates and ride height are free		

1.4. STEERING

Type:	Rack and pinion	Make:	
Comments	None		

1.5. BRAKES

	Front	Rear
Type - SC:	Drum	Drum
Dimensions - SC:	203 mm	177 mm
Material of drum/disc - SC:	Cast iron	Cast iron
Type - TS:	Drum	Drum
Dimensions - TS:	203 mm	177 mm
Material of drum/disc - TS:	Cast iron	Cast iron
Type - TS:	Disc	Disc
Dimensions - TS:	215 mm	203 mm
Material of drum/disc - TS:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	Girling	
Caliper type:		
Material:	Cast iron	
Master cylinder make:	Girlock	
Type:	Twin	
Adjustable bias:	Yes	
Servo Fitted:	Optional	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	BMC		
Model:	"A" Series		
No. cylinders:	Four	Configuration:	In line
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore – Original - SC:	64.6 mm	Max allowed:	66.1 mm
Stroke – original - SC:	83.7 mm	Max allowed:	83.7 mm
Capacity – original - SC:	1100 cc	Max allowed:	1134 cc
Bore – Original - TS:	70.6 mm	Max allowed:	72.1 mm
Stroke – original - TS:	81.3 mm	Max allowed:	81.3 mm
Capacity – original - TS:	1275 cc	Max allowed:	1327 cc
Identifying marks:			
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	BMC				
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				
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:	Yes on TS	Location:	Mudguard arch
Comments:	Oil cooler permitted on all cars		

2.4. IGNITION SYSTEM

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

2.5. FUEL SYSTEM

Carburettor Make:	SU	Model:	HS4
Carburettor Number:	Two		
Size:	1 ½"		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	TS alternate fit Weber 45DCOE. All cars may be fitted with either twin SUs or single Weber		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Various
Type:	Diaphragm
Diameter:	185 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh
Make:	BMC
Gearbox location:	Below engine
No. forward speeds:	Four
Gearchange type and location:	Floor – remote
Case material:	Alloy
Identifying marks:	
Comments:	Gear ratios are free

3.3. FINAL DRIVE

Make:	BMC	Model:	
Wheel drive method	Rear		
Ratios:	Various		
Differential type:	Free		
Comments:	Limited slip differential permitted		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle to rear wheels
Description:	Individual driveshafts
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Nota	Material - Original:	Steel Alloy
Wheel type - Allowed:	Nota	Material - Allowed:	Steel Alloy
Fixture method:	Bolt on	No. studs:	Four
Wheel dia. & rim width	FRONT		REAR
Original:	Various x 13"		Various x 13"
Allowed	6" x 13" – SC 7" x 13" - TS		6" x 13" – SC 7" x 13" - TS
Tyre Section:			
Original:	Various		Various
Allowed:	175 x 13" – SC 195 x 13" - TS		175 x 13" – SC 195 x 13" - TS
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Twin or single behind seats	Capacity:	34 litres – single 2 x 22 litre 1 x 22 litre
Fuel pump, type:	Mechanical	Make:	Nota
Comments:	None		

4.2. ELECTRICAL SYSTEM

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

4.3. BODYWORK

Type:	Two seat roadster	Material:	GRP
No. of seats:	Two	No. doors:	Optional
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1320 mm (+/- 15 mm) – SC 1350 mm (+/- 15 mm) – TS	Rear:	1250 mm (+/- 15 mm) – SC 1300 mm (+/- 15 mm) – TS
Wheelbase:	2190 mm (+/- 40 mm)	Overall length:	3470 mm (approx.)
Dry weight:	430 kg (approx.)		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix