



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.

<b>Make of Car:</b>	Nota	<b>Model:</b>	Fang TSS
<b>Period of Original Manufacture:</b>	1968 - 1976		
<b>Motorsport Australia Historic Group:</b>	Sc		
<b>Date of Issue of this Document:</b>	30/6/2022		



***Update Log***

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## SECTION 1 - CHASSIS

### 1.1. CHASSIS

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

### 1.2. FRONT SUSPENSION

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

### 1.3. REAR SUSPENSION

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

### 1.4. STEERING

<b>Type:</b>	Rack and pinion	<b>Make:</b>	
<b>Comments</b>	None		

### 1.5. BRAKES

	Front	Rear
<b>Type:</b>	Disc	Disc
<b>Dimensions:</b>	242 mm	1215 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	Two	Two
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	Girling	
<b>Caliper type:</b>		
<b>Material:</b>	Cast iron	
<b>Master cylinder make:</b>	Girlock	
<b>Type:</b>	Twin	
<b>Adjustable bias:</b>	Yes	
<b>Servo Fitted:</b>	No	
<b>Comments:</b>	None	

## SECTION 2 - ENGINE

### 2.1. ENGINE

<b>Make:</b>	BMC		
<b>Model:</b>	"A" Series		
<b>No. cylinders:</b>	Four	<b>Configuration:</b>	In line
<b>Cylinder Block-material:</b>	Cast iron	<b>Two/Four Stroke:</b>	Four
<b>Bore – Original:</b>	71.108 mm or 71.616 mm	<b>Max allowed:</b>	73.116 mm
<b>Stroke – original:</b>	81.3 mm	<b>Max allowed:</b>	81.3 mm
<b>Capacity – original:</b>	1293 cc or 1310 cc	<b>Max allowed:</b>	1363 cc
<b>Identifying marks:</b>			
<b>Cooling method:</b>	Liquid		
<b>Comments:</b>	None		

### 2.2. CYLINDER HEAD

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

### 2.3. LUBRICATION

<b>Method:</b>	Wet sump	<b>Oil tank location:</b>	N/A
<b>Dry sump pump type:</b>	N/A	<b>Location:</b>	N/a
<b>Oil cooler standard:</b>	Yes on TS	<b>Location:</b>	Mudguard arch
<b>Comments:</b>	Oil cooler permitted on all cars		

### 2.4. IGNITION SYSTEM

<b>Type:</b>	Points, Coil and Distributor		
<b>Make:</b>	Lucas		
<b>Comments:</b>	None		

### 2.5. FUEL SYSTEM

<b>Carburettor Make:</b>	Weber	<b>Model:</b>	45DCOE
<b>Carburettor Number:</b>	One		
<b>Size:</b>			
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	N/A
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	None		

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

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

**3.2. TRANSMISSION**

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

**3.3. FINAL DRIVE**

<b>Make:</b>	BMC	<b>Model:</b>	
<b>Wheel drive method</b>	Rear		
<b>Ratios:</b>	Various		
<b>Differential type:</b>	Spin resistant		
<b>Comments:</b>	Limited slip differential permitted		

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	Two
<b>Location:</b>	Transaxle to rear wheels
<b>Description:</b>	Individual driveshafts
<b>Comments:</b>	None

**3.5. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Nota - composite	<b>Material - Original:</b>	Steel Alloy
<b>Wheel type - Allowed:</b>	Period steel Alloy	<b>Material - Allowed:</b>	Steel Alloy
<b>Fixture method:</b>	Bolt on	<b>No. studs:</b>	Four
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	7" x 13"		9" x 13"
<b>Allowed</b>	7" x 13"		9" x 13"
<b>Tyre Section:</b>			
<b>Original:</b>	Various		Various
<b>Allowed:</b>	As appropriate		As appropriate
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	Refer approved tyre list.		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

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

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	Twelve	<b>Alternator fitted:</b>	Alternator
<b>Battery Location:</b>	Engine bay		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Two seat roadster	<b>Material:</b>	GRP
<b>No. of seats:</b>	Two	<b>No. doors:</b>	Optional
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1360 mm (+/- 15 mm)	<b>Rear:</b>	1350 mm (+/- 15 mm)
<b>Wheelbase:</b>	2190 mm (+/- 40 mm)	<b>Overall length:</b>	3410 mm (+/- 20 mm)
<b>Dry weight:</b>	430 kg (approx.)		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix**