



5TH CATEGORY - HISTORIC RACING  
**GROUP N**  
 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>	Isuzu	<b>Model:</b>	Bellett GT
<b>Period of Original Manufacture:</b>	1963 – 1973		
<b>Motorsport Australia Historic Group:</b>	Nb		
<b>Date of Issue of this Document:</b>	1 January 2024		



Refer to The *Manual*, Historic Appendix, Vehicle Eligibility, General Requirements & Historic Touring Cars Group N Regulations for permitted modifications.

***Update Log***

1/1/2024	Inclusion of kerb and minimum racing weight

## SECTION 1 - CHASSIS

### 1.1. CHASSIS

<b>Description:</b>	Unitary construction
<b>Period of Manufacture:</b>	1963 - 1967
<b>Manufacturer:</b>	Isuzu
<b>Chassis Number From:</b>	4014933 - 4212552
<b>Chassis Number location:</b>	On the chassis crossmember located approximately under where the passenger would sit
<b>Material:</b>	Steel
<b>Comments</b>	None

### 1.2. FRONT SUSPENSION

<b>Description:</b>	Independent, unequal-length A-arms		
<b>Spring Medium:</b>	Coil springs		
<b>Damper Type:</b>	Telescopic	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	Fitted	<b>Adjustable:</b>	
<b>Suspension adjustable:</b>	Yes	<b>Method:</b>	Castor, camber and toe
<b>Comments:</b>	Refer to Appendix A		

### 1.3. REAR SUSPENSION

<b>Description:</b>	Independent swing axle, shock absorber, diagonal trailing arm with coil springs and leaf spring camber compensator		
<b>Spring Medium:</b>	Coil		
<b>Damper Type:</b>	Telescopic	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	No	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	Yes	<b>Method:</b>	No
<b>Comments:</b>	Refer to Appendix A		

### 1.4. STEERING

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

### 1.5. BRAKES

	Front	Rear
<b>Type:</b>	Disc	Drum
<b>Dimensions:</b>	215 mm x 37.1 mm	215 mm x 37.1 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	Two	
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	Dunlop-Sumitomo MkII	
<b>Caliper type:</b>	Fixed	
<b>Material:</b>	N/A	
<b>Master cylinder make:</b>	Hitachi	
<b>Type:</b>	Single	
<b>Adjustable bias:</b>	No	
<b>Servo Fitted:</b>	Yes	
<b>Comments:</b>	None	

**SECTION 2 - ENGINE**

**2.1. ENGINE**

<b>Make:</b>	Isuzu		
<b>Model:</b>	G160		
<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>	83 mm	<b>Max allowed:</b>	84.5 mm
<b>Stroke - original:</b>	73 mm	<b>Max allowed:</b>	73 mm
<b>Capacity - original:</b>	1579 cc	<b>Max allowed:</b>	1637 mm
<b>Identifying marks:</b>	N/A		
<b>Cooling method:</b>	Liquid		
<b>Comments:</b>	None		

**2.2. CYLINDER HEAD**

<b>Make:</b>					
<b>No. of valves/cylinder:</b>	Two	<b>Inlet:</b>	One	<b>Exhaust:</b>	One
<b>No. of ports total:</b>	Four	<b>Inlet:</b>	Two	<b>Exhaust:</b>	Two
<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>	N/A				
<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>	No	<b>Location:</b>	N/A
<b>Comments:</b>	None		

**2.4. IGNITION SYSTEM**

<b>Type:</b>	Coil and distributor
<b>Make:</b>	Hitachi
<b>Comments</b>	Breakerless electronic ignition permitted

**2.5. FUEL SYSTEM**

<b>Carburettor Make:</b>	Mikuni	<b>Model:</b>	BSW 44
<b>Carburettor Make:</b>	Hitachi	<b>Model:</b>	HJD 38W
<b>Carburettor Number:</b>	Two		
<b>Size:</b>	Mikuni – 54 mm Hitachi – 35.8 mm		
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	N/A
<b>Supercharged:</b>	N/A	<b>Type:</b>	N/A
<b>Comments:</b>	None		

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

<b>Make:</b>	Isuzu
<b>Type:</b>	Dry plate
<b>Diameter:</b>	203 mm
<b>No. of Plates:</b>	One
<b>Actuation:</b>	Mechanical
<b>Comments:</b>	None

**3.2. TRANSMISSION**

<b>Type:</b>	Syncromesh
<b>Make:</b>	Isuzu
<b>Gearbox location:</b>	Behind engine
<b>No. forward speeds:</b>	Four
<b>Gearchange type and location:</b>	Floor mounted H pattern
<b>Case material:</b>	Cast iron
<b>Identifying marks:</b>	N/A
<b>Comments:</b>	None

**3.3. FINAL DRIVE**

<b>Make:</b>	Isuzu	<b>Model:</b>	
<b>Type:</b>	Swing axle		
<b>Ratios:</b>	Various		
<b>Differential type:</b>	Bevel		
<b>Comments:</b>	None		

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	One
<b>Location:</b>	Gearbox to final drive
<b>Description:</b>	Open tailshaft with twin uni joints
<b>Comments:</b>	None

**3.5. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Steel	<b>Material - Original:</b>	Steel
<b>Wheel type - Allowed:</b>	Alloy	<b>Material - Allowed:</b>	Alloy
<b>Fixture method:</b>	Stud and nut	<b>No. studs:</b>	Four
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	13" x 4.6"		13" x 4.6"
	14" x 4.6"		14" x 4.6"
<b>Allowed</b>	13" x 5.6"		13" x 5.6"
	14" x 4.6"		14" x 4.6"
<b>Tyre Section:</b>			
<b>Allowed:</b>	Refer approved tyre list.		
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	None		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

<b>Tank Location:</b>	Boot floor	<b>Capacity:</b>	40 litres
<b>Fuel pump, type:</b>	Mechanical or Electrical	<b>Make:</b>	
<b>Comments:</b>	None		

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	12	<b>Alternator fitted:</b>	Generator
<b>Battery Location:</b>	Engine bay		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Sedan	<b>Material:</b>	Steel
<b>No. of seats:</b>	Four	<b>No. doors:</b>	Two
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1235 mm	<b>Rear:</b>	1215 mm
<b>Wheelbase:</b>	2350 mm	<b>Overall length:</b>	4005 mm
<b>Approved Manufacturer's kerb weight:</b>	917 kg		
<b>Approved minimum racing weight</b>	894 kgs		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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***Appendix A***

**Suspension**

**Front**

Spring height adjustment permitted.

**Rear**

Spring height adjustment permitted.