



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.

Make of Car:	Isuzu	Model:	Bellett
Period of Original Manufacture:	1963 – 1973		
Motorsport Australia Historic Group:	Nb		
Date of Issue of this Document:	1 January 2024		



Refer to Motorsport Australia Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

Update Log

SECTION 1 - CHASSIS

1.1. CHASSIS

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

1.2. FRONT SUSPENSION

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

1.3. REAR SUSPENSION

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

1.4. STEERING

Type:	Rack and pinion	Make:	Isuzu
Comments	None		

1.5. BRAKES

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

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Isuzu		
Model:	G150		
No. cylinders:	Four	Configuration:	In-line
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore - Original:	79 mm	Max allowed:	80.5 mm
Stroke - original:	75 mm	Max allowed:	75 mm
Capacity - original:	1471cc	Max allowed:	1526cc
Identifying marks:	N/A		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Isuzu		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Four	Inlet: Two	Exhaust: Two
No. of camshafts:	One	Location: Block	Drive: Chain
Valve actuation:	Pushrod		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
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:	Coil and distributor		
Make:	Hitachi		
Comments	Breakerless electronic ignition permitted		

2.5. FUEL SYSTEM

Carburettor Make:	Nihon Kikaki	Model:	2D-32AU-2
Carburettor Number:	One		
Size:			
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	N/A	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

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

3.2. TRANSMISSION

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

3.3. FINAL DRIVE

Make:	Isuzu	Model:	
Type:	Swing axle		
Ratios:	Various		
Differential type:	Bevel		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

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

3.5. WHEELS & TYRES

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

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Boot floor	Capacity:	40 litres
Fuel pump, type:	Mechanical	Make:	
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	12	Alternator fitted:	Generator
Battery Location:	Engine bay		
Comments:	None		

4.3. BODYWORK

Type:	Sedan	Material:	Steel
No. of seats:	Four	No. doors:	Four
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1235 mm	Rear:	1215 mm
Wheelbase:	2350 mm	Overall length:	4032 mm
Approved Manufacturer's kerb weight:	910 kg		
Approved minimum racing weight	887 kgs		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix A

Suspension

Front

Spring height adjustment permitted.

Rear

Spring height adjustment permitted.