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:	Honda	**Model:**	H1300C 7S and 9S
Period of Original Manufacture:	1970 – 1973		
Motorsport Australia Historic Group:	Nc		
Date of Issue of this Document:	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 weights

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Unitary construction
Period of Manufacture:	1970 – 1973
Manufacturer:	Honda Motor Company
Chassis Number From:	H1300C-1000001
Chassis Number location:	Front of battery shelf
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent - by Macpherson strut			
Spring Medium:	Coil			
Damper Type:	Telescopic within Macpherson strut		**Adjustable:**	No
Anti-sway bar:	No		**Adjustable:**	No
Suspension adjustable:	Yes	**Method:**	Caster, camber and toe	
Comments:	Refer Appendix A			

1.3. REAR SUSPENSION

Description:	Independent -swinging axles			
Spring Medium:	Semi elliptical leaf			
Damper Type:	Telescopic		**Adjustable:**	No
Anti-sway bar:	No		**Adjustable:**	N/A
Suspension adjustable:	Yes	**Method:**	Spring height	
Comments:	Refer Appendix A			

1.4. STEERING

Type:	Rack and pinion	**Make:**	Honda
Comments	None		

1.5. BRAKES

	Front	**Rear**
Type:	Disc, solid	Drum
Dimensions:	190 mm x 9.6 mm	203 mm x 38 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Three	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	Sumitomo	
Caliper type:	Sliding	
Material:	Cast iron	
Master cylinder make:	Honda	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Honda		
Model:	H1300E		
No. cylinders:	Flour	**Configuration:**	In-line
Cylinder Block-material:	Alloy	**Two/Four Stroke:**	Four
Bore - Original:	74 mm	**Max allowed:**	75.5 mm
Stroke - original:	75.5 mm	**Max allowed:**	75.5 mm
Capacity - original:	1298 cc	**Max allowed:**	1352 cc
Identifying marks:	Below alternator H1300C *******		
Cooling method:	Air/oil		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Honda				
No. of valves/cylinder:	Two	**Inlet:**	One	**Exhaust:**	One
No. of ports total:	Eight	**Inlet:**	Four	**Exhaust:**	Four
No. of camshafts:	One	**Location:**	Head	**Drive:**	Chain
Valve actuation:	Rockers				
Spark plugs/cylinder:	One				
Identifying marks:	N/A				
Comments:	None				

2.3. LUBRICATION

Method:	Dry sump	**Oil tank location**	RHS engine bay
Dry sump pump type:	High pressure	**Location:**	Crankcase
Oil cooler standard:	Yes	**Location:**	Right grille
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Points, coil and distributor
Make:	Nippon Denso
Comments	Breakerless electronic ignition permitted

2.5. FUEL SYSTEM

Carburettor Make:	Keihin	**Model:**	1000-365
Carburettor Number:	One		
Size:	40 mm		
Fuel injection Make:	N/A	**Type:**	N/A
Supercharged:	No	**Type:**	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Honda
Type:	Diaphragm
Diameter:	180 mm
No. of Plates:	One
Actuation:	Cable
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh
Make:	Honda H1300
Gearbox location:	Integral with engine
No. forward speeds:	Four
Gearchange type and location:	Floor remote
Case material:	Alloy
Identifying marks:	N/A
Comments:	None

3.3. FINAL DRIVE

Make:	Honda	**Model:**	H1300
Type:	Front wheel drive		
Ratios:	Various		
Differential type:	Free		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle
Description:	Individuals driveshafts with universal joints and CV joints
Comments:	none

3.5. WHEELS & TYRES

Wheel type - Original:	Pressed disc	**Material - Original:**	Steel
Wheel type - Allowed:	Steel Period alloy	**Material - Allowed:**	Steel Alloy
Fixture method:	Bolt on	**No. studs:**	Four
Wheel dia. & rim width	**FRONT**		**REAR**
Original:	5” x 13’		5” x 13”
Allowed	6” x 13”		6” x 13”
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

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4.1. FUEL SYSTEM

Tank Location:	Rear	**Capacity:**	45 litres
Fuel pump, type:	Electrical	**Make:**	Nippon Denso
Comments:	None		

4.2. ELECTRICAL SYSTEM

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

4.3. BODYWORK

Type:	Coupe	**Material:**	Steel
No. of seats:	Four	**No. doors:**	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1245 mm	**Rear:**	1195 mm
Wheelbase:	2250 mm	**Overall length:**	4140 mm
Approved Manufacturer's kerb weight:	895 kgs		
Approved minimum racing weight:	868 kgs		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix A

Suspension

Front

Spring height adjustment permitted.

Rear

Spring height adjustment permitted.