



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>	Honda	<b>Model:</b>	H1300C 7S and 9S
<b>Period of Original Manufacture:</b>	1970 – 1973		
<b>Motorsport Australia Historic Group:</b>	Nc		
<b>Date of Issue of this Document:</b>	30 September 2021		



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

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

### 1.2. FRONT SUSPENSION

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

### 1.3. REAR SUSPENSION

<b>Description:</b>	Independent -swinging axles		
<b>Spring Medium:</b>	Semi elliptical leaf		
<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>	Spring height
<b>Comments:</b>	Refer Appendix A		

### 1.4. STEERING

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

### 1.5. BRAKES

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

## SECTION 2 - ENGINE

### 2.1. ENGINE

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

### 2.2. CYLINDER HEAD

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

### 2.3. LUBRICATION

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

### 2.4. IGNITION SYSTEM

<b>Type:</b>	Points, coil and distributor		
<b>Make:</b>	Nippon Denso		
<b>Comments</b>	Breakerless electronic ignition permitted		

### 2.5. FUEL SYSTEM

<b>Carburettor Make:</b>	Keihin	<b>Model:</b>	1000-365
<b>Carburettor Number:</b>	One		
<b>Size:</b>	40 mm		
<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>	Honda
<b>Type:</b>	Diaphragm
<b>Diameter:</b>	180 mm
<b>No. of Plates:</b>	One
<b>Actuation:</b>	Cable
<b>Comments:</b>	None

**3.2. TRANSMISSION**

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

**3.3. FINAL DRIVE**

<b>Make:</b>	Honda	<b>Model:</b>	H1300
<b>Type:</b>	Front wheel drive		
<b>Ratios:</b>	Various		
<b>Differential type:</b>	Free		
<b>Comments:</b>	None		

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	Two
<b>Location:</b>	Transaxle
<b>Description:</b>	Individuals driveshafts with universal joints and CV joints
<b>Comments:</b>	none

**3.5. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Pressed disc	<b>Material - Original:</b>	Steel
<b>Wheel type - Allowed:</b>	Steel Period 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>	5" x 13'		5" x 13"
<b>Allowed</b>	6" x 13"		6" x 13"
<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>	Rear	<b>Capacity:</b>	45 litres
<b>Fuel pump, type:</b>	Electrical	<b>Make:</b>	Nippon Denso
<b>Comments:</b>	None		

### 4.2. ELECTRICAL SYSTEM

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

### 4.3. BODYWORK

<b>Type:</b>	Coupe	<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>	1245 mm	<b>Rear:</b>	1195 mm
<b>Wheelbase:</b>	2250 mm	<b>Overall length:</b>	4140 mm
<b>Dry weight:</b>	850 kg		
<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.