

# CAMS

5TH CATEGORY - HISTORIC RACING

**GROUP Nc**

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 CAMS Manual of Motor Sport.

**Make of Car:** HONDA

**Model:** 7S & 9S Coupe (H1300C)

**Period of Original Manufacture:** 1970 / 1973

**CAMS Historic Group:** Nc

**Date of Issue of this Document:** 27/04/2001



## SECTION 1 - CHASSIS

### 1.1 CHASSIS FRAME

**Description:** Unitary Construction  
**Manufacturer:** Honda Motor Co.Ltd.  
**Chassis no. from:** H1300C-1000001  
**Chassis no. location:** Front of Battery Shelf.  
**Material:** Steel  
**Comments:**

**Period of Manufacture:**  
1970 / 1973

### 1.2 FRONT SUSPENSION

**Description:** Independent –McPherson Strut.  
**Spring medium:** Coil  
**Damper Type:** Telescopic - Internal  
**Anti-sway bar:** Not Fitted  
**Suspension adjustable:** Yes- Toe-In , Caster, Camber.  
**Comments:** Spring Rates and Ride Height free.

**Adjustable:** No  
**Adjustable:** N/A  
**Method:**

### 1.3 REAR SUSPENSION

**Description:** Independent – Swing Axles.  
**Spring medium:** Semi – Elliptic Leaf  
**Damper type:** Telescopic  
**Anti-sway bar:** Not Fitted  
**Suspension adjustable:** No.  
**Comments:** Spring Rates and Ride Height free

**Adjustable:** No  
**Adjustable:** N/A  
**Method:**

### 1.4 STEERING

**Type:** Rack & Pinion  
**Comments:**

**Make:** Honda

### 1.5 BRAKES

	Front	Rear
<b>Type:</b>	Disc	Drum
<b>Dimensions:</b>	190x9.6mm	203x38mm
<b>Material of drum/disc</b>	Cast Iron	Cast Iron
<b>No. cylinders/pots per wheel:</b>	3	1
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper: Make, Material, Type:</b>	Cast Iron -Sumitomo	
<b>Master cylinder make:</b> Honda		<b>Type:</b> Tandem
<b>Adjustable bias</b> No		
<b>Servo Fitted</b> Yes		
<b>Comments:</b> Twin Master Cylinders Permitted		

## SECTION 2 - ENGINE

### 2.1 ENGINE

**Make:** Honda  
**Model:** H1300E  
**No. cylinders:** 4 **Configuration:** In Line  
**Cylinder Block-material:** Alloy **Four Stroke**  
**Bore - Original:** 74mm **Max. allowed:** 75.5mm  
**Stroke - original:** 75.5mm **Max. allowed:** 75.5mm  
**Capacity - original:** 1298cc **Max. allowed:** 1352cc  
**Cooling method:** Air/Oil.  
**Identifying marks:** Engine No.below Alt'r  
Drive Pulley

**Comments:**

### 2.2 CYLINDER HEAD

**Make:** Honda  
**No. of valves/cylinder-** **Inlet:** 1 **Exhaust:** 1  
**No. of ports total:** 8 **Inlet:** 4 **Exhaust:** 4  
**No. of camshafts:** 1 **Location:** Head **Drive:** Chain  
**Valve actuation:** Rockers  
**Spark plugs/cylinder:** 1  
**Identifying marks:**  
**Comments:**

### 2.3 LUBRICATION

**Method ((Wet/Dry Sump)** Dry Sump **Oil tank location:** RHS Engine Bay  
**Dry sump pump type:** High Pressure **Location (If Appl.)** Crankcase  
**Oil cooler standard (Yes/No)** Yes **Location (If Appl.)** Right Grille  
**Comments:**

### 2.4 IGNITION

**Type:** Coil & Distributor  
**Make:** Nippon Denso  
**Comments:**

### 2.5 FUEL FEED (Induction)

**Carburettor/s :** **Fuel Inj'n :** N/A  
**Make :** Klien **Make :**  
**Type/Model :** C.B. **Type/Model :**  
**No. Fitted :** 4 (9S) 1 (7S) **S/Charged (Yes/No)** No  
**Size :** 40mm **Make (If Applic.)**

## SECTION 3 - TRANSMISSION

### 3.1 CLUTCH

**Make:** Honda                      **Type:** Diaphragm                      **Diameter:** 180mm  
**No. of Plates:** 1  
**Method of Actuation :** Cable  
**Comments** Clutch and method of actuation are free.

### 3.2 TRANSMISSION

**Type:** Synchromesh  
**Make:** Honda                      **Model:** H1300  
**No. forward speeds:** 4                      **Gearbox location:** Integral with Engine  
**Gearchange type and location:** Floor - Remote  
**Case material:** Alloy                      **Identifying marks:**  
**Comments:** Ratios Free

### 3.3 FINAL DRIVE

**Make:** Honda                      **Model :** H1300  
**Wheel drive method:** Front Wheel Drive  
**Ratios:** Various  
**Differential Type :** Free  
**Comments:** Ratios Free. Limited Slip Differential Permitted

### 3.4 TRANSMISSION SHAFTS (EXPOSED)

**Number:** 2                      **Location:** Transmission to Front Wheels  
**Description:** Individual Driveshafts with Universal & C/V Joints.  
**Comments:**

### 3.5 WHEELS & TYRES

<b>Wheel type:</b> <b>Original:</b>	Pressed Steel Disc	<b>Material: Original:</b>	Steel
<b>Allowed:</b>	Steel or Period Alloy	<b>Allowed:</b>	Steel or Alloy
<b>Fixture method:</b>	Bolt On	<b>No. studs:</b>	4
	<b>FRONT</b>		<b>REAR</b>
<b>Wheel dia. &amp; rim width</b>	5x13		5x13
<b>Original:</b>	6x13		6x13
<b>Tyre Section</b>			
<b>Original:</b>	155x13		155x13
<b>Allowed:</b>	185x13		185x13
<b>Min. Asp-/Ratio Allowed</b>	60%		60%
<b>:</b>			
<b>Comments:</b>			

## **SECTION 4 - GENERAL**

### **4.1 FUEL SYSTEM**

**Tank Location:** Rear **Capacity:** 45 Litres  
**Fuel pump, type and location:** Electric **Make:** Nippon Denso  
**Comments:** Fuel Pump/s Free

### **4.2 ELECTRICAL SYSTEM**

**Voltage:** 12 **Alternator fitted:**  
**Battery Location:** Engine Bay  
**Comments:**

### **4.3 BODYWORK**

**Type:** Two Door Coupe **Material:** Steel  
**No. of seats:** 4 **No. doors:** 2  
**Comments:**

### **4.4 DIMENSIONS**

**Track - Front:** 1245mm **Rear:** 1195mm  
**Wheelbase:** 2250mm **Overall length:** 4140mm  
**Dry weight:** 850kg.  
**Comments:**

### **4.5 SAFETY EQUIPMENT**

**Fire extinguisher required**  
**Seat belt required**  
**Rollbar optional/required**  
**Electrical cut off switch required**  
**Safety fuel tank optional/required**

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