

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: Holden **Model:** Monaro HG350

Period of Original Manufacture: 1970

CAMS Historic Group: Nc

Date of Issue of this Document: March 2004



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary Construction
Manufacturer: General Motors Holdens
Period of Manufacture: 1970/71
Chassis no. from:
Chassis no. location: Chassis Rail
Material: Steel
Comments:

1.2 FRONT SUSPENSION

Description: Independent - Double Wishbones
Spring medium: Coil
Damper Type: Telescopic
Adjustable: Permitted
Anti-sway bar: Fitted
Adjustable: Permitted
Suspension adjustable: Yes
Method: Shims
Comments: Modifications permitted. - Refer Group Nc regulations.

1.3 REAR SUSPENSION

Description: Live Axle - Upper Traction Bars
Spring medium: Semi Elliptic Leaf.
Damper type: Telescopic
Adjustable: Permitted
Anti-sway bar: Not Originally Fitted
Adjustable: Permitted
Suspension adjustable: Yes
Method: Shims
Comments: Modifications permitted - Refer Group Nc regulations.

1.4 STEERING

Type: Recirculating Ball
Make: General Motors
Comments:

1.5 BRAKES

Type:	Front	Rear
	Disc	Drum
Dimensions:	10.6 in.	10 in.
Material of drum/disc	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	1	1
Actuation:	Hydraulic	Hydraulic
Calliper: Make, Material, Type:	Unspecified	
Master cylinder make:	General Motors	Type: Tandem
Adjustable bias:	No	
Servo Fitted:	No	
Comments:	Modifications permitted - Refer up Nc regulations	

SECTION 2 - ENGINE

2.1 ENGINE

Make: General Motors
Model: Chev. Small Block C.I.
No. cylinders: 8 **Configuration:** Vee
Cylinder Block-material: Cast Iron **Two/Four Stroke:** 4 Stroke
Bore - Original: 101.6mm **Max. allowed:** 103.1mm
Stroke - original: 88.39mm **Max. allowed:** 88.39mm
Capacity - original: 5735cc **Max. allowed:** 5895cc
Cooling method: Water
Identifying marks: Per Attached List
Comments: Modifications permitted – Refer Group Nc regulations

2.2 CYLINDER HEAD

Make: GM – Cast Iron
No. of valves/cylinder- **Inlet:** 1 **Exhaust:** 1
No. of ports total: 16 **Inlet:** 8 **Exhaust:** 8
No. of camshafts: 1 **Location:** Block **Drive:** Chain
Valve actuation: Pushrod
Spark plugs/cylinder: 1
Identifying marks:
Comments: Modifications permitted – Refer Group Nc regulations

2.3 LUBRICATION

Method ((Wet/Dry Sump): Wet Sump **Oil tank location:**
Dry sump pump type: **Location (If Appl.):**
Oil cooler standard (Yes/No): No **Location (If Appl.):**
Comments: Modifications permitted- Refer Group Nc regulations

2.4 IGNITION

Type: Coil & Distributor
Make: Delco Remy
Comments: Modifications permitted – Refer Group Nc regulations

2.5 FUEL FEED (Induction)

Carburettor/s : **Fuel Inj'n :**
Make : Rochester **Make :**
Type/Model : 4V Downdraft **Type/Model :**
No. Fitted : 1 **S/Charged (Yes/No):**
Size : **Make (If Applic.):**
Comments: Modifications permitted – Refer Group Nc regulations

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: GM **Type:** Dry Plate **Diameter:** 280mm
No. of Plates: 1
Method of Actuation : Hydraulic
Comments: Modifications permitted – Refer Group Nc regulations

3.2 TRANSMISSION

Type: Synchronesh
Make: GMH **Model:** Saginaw
No. forward speeds: 4 **Gearbox location:** Behind Engine
Gearchange type and location: Floor - Remote
Case material: Cast Iron **Identifying marks:**
Comments: Modifications permitted – Refer Group Nc regulations
Muncie Transmission not permitted.

3.3 FINAL DRIVE

Make: GM - Salisbury **Model :** 10 Bolt
F/R/All Wheel Drive: Rear
Ratios: Free
Differential Type : Positive Lock – Ratchet **Make:** GM
or Roller
Comments: Modifications permitted – Refer Group Nc regulations

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number : 1 **Location:** Gearbox to Final Drive
Description: Tailshaft with Universal Joints
Comments: Modifications permitted - Refer Group Nc regulations

3.5 WHEELS & TYRES

Wheel type: Original:	Steel or Alloy	Material: Original:	Steel or Alloy
Allowed:	Steel or Period Alloy	Allowed:	Steel or Alloy
Fixture method:	5 Studs	No. studs:	5
	FRONT		REAR
Wheel dia. & rim width			
Original:	6 x 14		6 x 14
Allowed:	8 x 15		8 x 15
Tyre Section			
Allowed:			
Min. Asp.Ratio Allowed :	60%		60%
Comments:	Refer Group Nc regulations		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Boot Capacity: Not Specified
Fuel pump, type and location: Not Specified Make: Not Specified
Comments: Fuel pump/s free

4.2 ELECTRICAL SYSTEM

Voltage: 12 Dynamo/Alternator fitted:
Battery Location: Engine Bay Alternator
Comments: Modifications permitted- Refer General regulations

4.3 BODYWORK

Type: Two Door Fixed Head Coupe Material: Steel
No. of seats: 4 No. doors: 2
Comments: Other Modifications – Refer Group Nc regulations
Fluted Bonnet/Guards and GTS Dash & Console to be fitted

4.4 DIMENSIONS

Track - Front: 1482mm Rear: 1482mm
Wheelbase: 2819mm Overall length:
Dry weight:
Comments: Track if Free – Refer Group Nc regulations

4.5 SAFETY EQUIPMENT

Fire extinguisher required: Refer Schedule H – CAMS Manual
Seat belt required: Refer Schedule I – CAMS Manual
Rollbar required: Refer Schedule J & Art 3 Gen. Regulations – CAMS Manual
Electrical cut off switch required.
Safety fuel tank optional.

ANNEXURE A.

Engine Block Casting Numbers.

#3782870	#3790721	#3791362	#3858174	#3858180
#3892657	#3903352	#3914660	#3914678	#3932386
#3932388	#395618	#3970010	#3970014	#3970016

Cylinder Head Casting Numbers.

#3782461	#3890462	#3917291	#3917292	#3917293
#3927185	#3927186	#3927187	#3927188	#3932441
#3947041	#3973414	#3973487	#3986316	#3986339
#3991492	#3998916	#3998993		

OR OTHERS BY SPECIFIC APPROVAL

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