

SECTION 2 – ENGINE

2.1 ENGINE

Make: GM
Model: Chevrolet Small Block Cast Iron
No. Cylinders: Eight (8) **Configuration:** Vee
Cylinder Block Material: Cast Iron Four Stroke
Bore – Original: 101.6mm **Max. Allowed:** 103.1mm
Stroke – Original: 82.59mm **Max. Allowed:** 82.59mm
Capacity – Original: 5359cc **Max. Allowed:** 5508cc
Main Bearing Caps: Four (4) bolt Cast Iron
Cooling Method: Water-cooled
Identifying marks: As per attached list
Comments: Further modifications - Refer Group Nc regulations

2.2. CYLINDER HEAD

Make: GM Cast Iron
No. valves/cylinder: 2 **Inlet:** 1 **Exhaust:** 1
No. ports total: 8 **Inlet:** 4 **Exhaust:** 4
No. of camshafts: 1 **Location:** Cyl block **Drive:** Chain
Valve actuation: Cam followers, pushrods and rockers
Spark plugs/cylinder: 1
Identifying marks: As per attached list
Comments: Further modifications - Refer gulations

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: Further modifications - Refer Group Nc regulations

2.4 IGNITION

Type: Battery, coil & distributor
Make: Delco Remy
Comments: Ignition modifications permitted – refer Group Nc regulations

2.5 FUEL FEED

Carburettor Make: Rochester Model: 4V Downdraft Size: Four passages
Fuel Injection Make: N/A Type:
Supercharged: No Type:
Comments: Carburettor modifications permitted – refer Group Nc regulations

SECTION 3 – TRANSMISSION

3.1 CLUTCH

Make: GM Type: Dry plate Diameter: 280mm
No. of plates: One
Actuation: Mechanical/hydraulic
Comments: Clutch modifications permitted – refer Group Nc regulations

3.2 TRANSMISSION

Type: Synchromesh
Make: GM Model: Saginaw
No. forward speeds: 4 Gearbox location: Behind engine
Gearchange type and location: Remote – central floor mounting
Case material: Alloy Identifying marks: N/A
Comments:
Gearbox modifications permitted – refer Group Nc regulations

3.3 FINAL DRIVE

Make: GM, Salisbury Model: 10 Bolt
Wheel drive method: Rear
Ratios: Free
Differential: GM Type: Positive Locking (ratchet or roller)
Comments: Modifications permitted – refer Group Nc regulations

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: One Location: Gearbox to rear axle
Description: Tubular steel with Hardy-Spicer type U/Js
Comments: Modifications permitted – refer Group Nc regulations

3.5 WHEELS & TYRES

Wheel type: Original: Steel
Allowed: Period style alloy
Fixture method: Studs & nuts No. studs: 5
Wheel dia & rim width Front Rear
Original: 14" x 6.00" 14" x 6.00"
Allowed: 15" x 8.0" 15" x 8.0"

Aspect ratio: Minimum: 60% 60%
Comments: Refer Group Nc regulations

SECTION 4 – GENERAL

4.1 FUEL SYSTEM

Tank location: Boot Capacity N/A
Fuel pump type & location: not specified Make: not specified
Comments: Carburettor modifications permitted – refer Group Nc Regulations

4.2 ELECTRICAL SYSTEM

Voltage: 12v Alternator fitted: Yes
Battery location: Engine compartment
Comments: Ignition modifications permitted – refer general regulations

4.3 BODYWORK

Type: Closed touring car Material: Sheet steel and glass
No. of seats: Four (4) No. doors: Two (2)
Comments: Other modifications – refer Group Nc regulations.

4.4 DIMENSIONS

Track – front: 1473 mm Rear: 1480 mm
Wheelbase: 2819 mm Overall length: 4694 mm
Dry weight: 1411 kilograms excluding driver and fuel but including all operating fluids.

Comments: Track is free – refer Group Nc regulations

4.5 SAFETY EQUIPMENT

Fire extinguisher: See Schedule H CAMS Manual
Seat Belt: See Schedule I CAMS Manual
Roll bar: See Schedule J and General regulations article 3 CAMS Manual
Electrical cut-off switch: Required
Safety fuel tank: Optional

ADDITIONAL INFORMATION

Deletion of floor mounted Tachometer and fresh air heater/demister is allowed

Engine Block Casting Numbers

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

OR OTHERS BY SPECIFIC APPROVAL

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