

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: Ford **Model:** Escort RS1600

Period of Original Manufacture: 1970 - 72

CAMS Historic Group: Nc

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SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary Construction
Manufacturer: Ford Motor Co.
Chassis no. from: BB-49KL 11059
Chassis no. location: Plate on Bulkhead/Stamp on Suspension Turret
Material: Steel
Comments: Further modifications- Refer Group Nc regulations. All Mark 1 bodysells acceptable, but must conform with pre 1972 spec'n.

Period of Manufacture:
1970 - 72

1.2 FRONT SUSPENSION

Description: Independent – McPherson Strut
Spring medium: Coil
Damper Type: Telescopic - Internal
Anti-sway bar: Integral with Lower Arms
Suspension adjustable:
Comments: Modifications permitted. Refer Group Nc regulations.

Adjustable: Permitted
Adjustable: Permitted
Method:

1.3 REAR SUSPENSION

Description: Live Axle with Trailing Links
Spring medium: Semi Elliptic Leaf
Damper type: Telescopic
Anti-sway bar: Not standard but permitted
Suspension adjustable:
Comments: Modifications permitted. Refer Group Nc regulations

Adjustable: Permitted
Adjustable:
Method:

1.4 STEERING

Type: Rack & Pinion
Comments:

Make: Ford

1.5 BRAKES

	Front	Rear
Type:	Disc	Drum
Dimensions:	244 mm	228x44 mm
Material of drum/disc	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	2	1
Actuation:	Hydraulic	Hydraulic
Caliper: Make, Material, Type:	Girling	
Master cylinder make:	Girling	
Adjustable bias:	Permitted	
Servo Fitted :	Yes	
Comments:	Brake modifications permitted. Refer Group Nc regulations. Servo may be removed.	

Type: Single

SECTION 2 - ENGINE

2.1 ENGINE

Make:	Ford	Configuration:	In Line
Model:	BDA	Two/Four Stroke:	4 Stroke
No. cylinders:	4	Max. allowed:	82.47mm
Cylinder Block-material:	Cast Iron	Max. allowed:	77.62mm
Bore - Original:	80.97mm	Max. allowed:	1656cc
Stroke - original:	77.62mm		
Capacity - original:	1601cc		
Cooling method:	Water		
Identifying marks:	711-M 6015BA		
Comments:			

2.2 CYLINDER HEAD

Make:	Cosworth	Inlet:	2	Exhaust:	2
No. of valves/cylinder-		Inlet:	4	Exhaust:	4
No. of ports total:	8	Location:	Head	Drive:	Belt
No. of camshafts:	2				
Valve actuation:	Buckets				
Spark plugs/cylinder:	1				
Identifying marks:					
Comments:	Either 3 or 4 stud exhaust port cylinder heads permitted				

2.3 LUBRICATION

Method ((Wet/Dry Sump)	Wet Sump	Oil tank location:	
Dry sump pump type:	N/A	Location (If Appl.)	
Oil cooler standard (Yes/No)	Yes	Location (If Appl.)	Location free
Comments:	Further modifications – Refer Group Nc Regulations		

2.4 IGNITION

Type: Coil & Distributor
Make: Lucas/Autolite
Comments: Modifications permitted. Refer Group Nc Regulations. Cars using ignition systems with the contact breaker points and condenser removed from the distributor (as per Group Nc Regulations Section (d) Ignition) may vary from point (d) i, in that the ignition module may be removed from the distributor and remote mounted on the inner mudguard or the firewall in the vicinity of the distributor and coil. The module should be mounted on a plate to allow a minimum gap of 10mm between the module and the plate mounting surface. The mounting must comply with points (d)ii and (d)iii of the Group Nc Regulations Section (d) Ignition.

2.5 FUEL FEED (Induction)

Carburettor/s :	Weber	Fuel Inj'n :	
Make :	Weber	Make :	
Type/Model :	Type/Model :	40DCOE	
No. Fitted :	2	S/Charged (Yes/No)	No
Comment:	Modifications permitted. Refer Group Nc Reg'ns.		

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Borg & Beck **Type:** Diaphragm **Diameter:** 203mm
No. of Plates: 1
Method of Actuation : Hydraulic
Comments: Modifications permitted. Refer Group Nc Regulations

3.2 TRANSMISSION

Type: Manual
Make: Ford **Model:** 2000E. (3 rail or Type 3 Single Rail)
No. forward speeds: 4 **Gearbox location:** Behind Engine
Gearchange type and location: Floor
Case material: Cast Iron **Identifying marks:**
Comments: Single Rail "Rocket" gearbox not permitted. Modifications permitted. Refer Group Nc Regulations. See Attachment "A" hereto.

3.3 FINAL DRIVE

Make: Ford **Model :** English Diff. (Atlas not permitted)
Wheel drive method: Rear
Ratios: Free
Differential Type : Semi Floating Hypoid
Comments: LSD or Locker permitted. Modifications permitted. Refer Group Nc Regulations. See Attachment "B" hereto.

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: Pressed Steel	Material: Original: Steel
	Allowed: Period Alloy	Allowed: Steel or Alloy
Fixture method:	Bolt On	No. studs: 4
	FRONT	REAR
Wheel dia. & rim width		
	Original: 5.5 x 13	5.5 x 13
	Allowed: 7 x 13	7 x 13
Tyre Section		
	Original:	
	Allowed:	
Min. Asp-/Ratio	60%	60%
Comments:	Refer Group Nc Regulations	

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Inside Boot **Capacity:** 41 Litres
Fuel pump, type and location: Mechanical **Make:** AC
Comments: Modifications permitted. Refer Group Nc Regulations

4.2 ELECTRICAL SYSTEM

Voltage: 12 **Dynamo/Alternator fitted:**
Battery Location: Boot Alternator
Comments: Modifications permitted. Refer Group Nc Regulations

4.3 BODYWORK

Type: Two Door Saloon **Material:** Steel
No. of seats: 4 **No. doors:** 2
Comments: Other modifications- Steel mudguard extensions to replicate those factory fitted as "Forest Flare". Refer Group Nc Regulations

4.4 DIMENSIONS

Track - Front: 1314mm **Rear:** 1333mm
Wheelbase: 2430mm **Overall length:** 3978mm
Dry weight: 790kg.
Comments: Track is free. Refer Group Nc Regulations.

4.5 SAFETY EQUIPMENT

Fire extinguisher required See Schedule H CAMS Manual
Seat belt required See Schedule J CAMS Manual
Rollbar required See Schedule J CAMS Manual and General Regulations
Electrical cut off switch required Required
Safety fuel tank optional/required Optional

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