



5TH CATEGORY - HISTORIC RACING

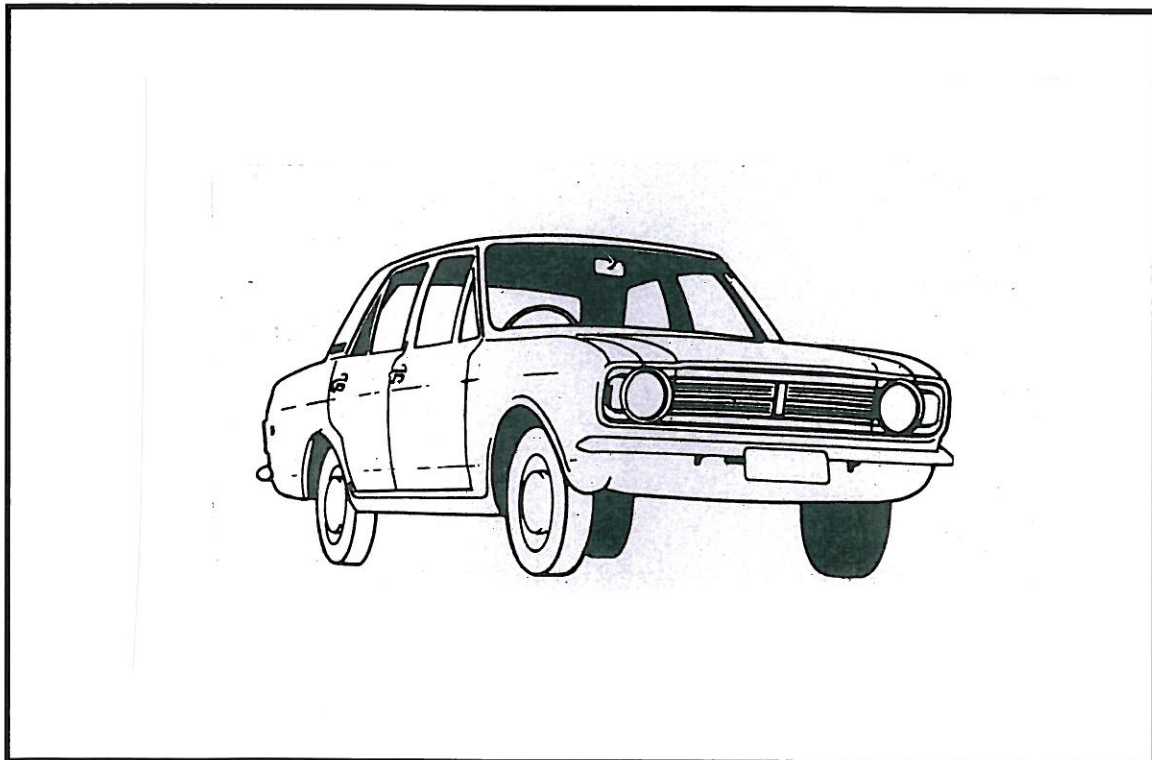
GROUP Nc

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:** Cortina GT Mk II
Period of Original Manufacture: 1969-71
CAMS Historic Group: Nc
Date of issue of this document: 21 July 2009

This Specification Sheet relates to the 1600cc cross-flow engine model introduced late in 1969.



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary construction **Period of Manufacture:**1969-71
Manufacturer: Ford Motor Company
Chassis no. from:
Chassis no. location:
Material: Steel
Comments:

1.2 FRONT SUSPENSION

Description: Independent by McPherson strut
Spring medium: Coil
Damper Type: Telescopic within McPherson strut **Adjustable:** Permitted
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No **Method:**
Comments: For permitted modifications refer Group Nc regulations

1.3 REAR SUSPENSION

Description: Live rear axle
Spring medium: Leaf springs
Damper type: Telescopic **Adjustable:** Permitted
Anti-sway bar: No **Adjustable:**
Suspension adjustable: No **Method:**
Comments: For permitted modifications refer Group Nc regulations.

1.4 STEERING

Type: Recirculating ball **Make:** Ford
Comments: Original form including rod ends must be retained

1.5 BRAKES

	Front	Rear
Type:	Disc	Drum
Dimensions:	244mm x 12.7mm	229mm x 44.5mm
Material of drum/disc:	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	2	1
Actuation:	Hydraulic	Hydraulic
Caliper Make, Material, Type:	Girling, Cast Iron	
Master cylinder make:	Girling	Type: Single cylinder
Adjustable bias:	Permitted	
Servo Fitted:	Permitted	
Comments:	Dual master cylinder with adjustable bias permitted – refer Group Nc regulations	

SECTION 2 - ENGINE

2.1 ENGINE

Make: Ford
Model: 2737E cross-flow engine
No. cylinders: 4 **Configuration:** In line
Cylinder block material: Cast iron **Two/Four Stroke:** Four stroke
Bore - Original: 80.97mm **Max. allowed:** 82.47mm
Stroke - original: 77.62mm **Max. allowed:** 77.62mm
Capacity - original: 1599cc **Max. allowed:** 1660cc
Cooling method: Liquid cooled
Identifying marks: 691M-6015-BA
Comments: For permitted modifications refer Group Nc regulations.

2.2 CYLINDER HEAD

Make: Ford
No. of valves/cylinder: 2 **Inlet:** 1 **Exhaust:** 1
No. of ports total: 8 **Inlet:** 4 **Exhaust:** 4
No. of camshafts: 1 **Location:** Cyl. block **Drive:** Chain
Valve actuation: Pushrods & rockers
Spark plugs/cylinder: 1
Identifying marks:
Comments: For permitted modifications refer Group Nc regulations.

2.3 LUBRICATION

Method: Wet sump **Oil tank location:**
Dry sump pump type: **Location:**
Oil cooler standard: No but permitted **Location:**
Comments:

2.4 IGNITION SYSTEM

Type: Coil & distributor
Make: Lucas or Autolite
Comments: For permitted modifications refer Group Nc regulations

2.5 FUEL SYSTEM

Carburettor Make: Weber **Model:** 32 DFM2 x 1
Fuel injection Make: **Type:**
Supercharged: **Type:**
Comments: Group Nc regulations allow carburettor freedoms

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Ford **Type:** Diaphragm **Diameter:** 190.5mm
No. of Plates: 1
Actuation: Hydraulic
Comments:

3.2 TRANSMISSION

Type: 4-speed synchromesh
Make: Ford Model 2000E
No. forward speeds: 4 **Gearbox location:** Behind engine
Gear change type and location: Central remote
Case material: Cast iron **Identifying marks:**
Comments:

3.3 FINAL DRIVE

Make: Ford **Model:** Banjo style live rear axle
Wheel drive method: Rear
Ratios: 3.9:1
Differential: Free **Type:**
Comments: For permitted modifications refer Group Nc regulations.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 1
Description: Tubular tailshaft with Hardy Spicer type U/joints.
Comments:

3.5 WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Allowed:	Period alloy	Allowed:	Alloy
Fixture method:	Studs & nuts	No. studs:	4
	FRONT		REAR
Wheel dia. & rim width - Original:	4" x 13"	Original:	4" x 13"
Allowed :	6" x 13"	Allowed :	6" x 13"
Tyre Section - Original:			
Allowed :			
Aspect ratio - minimum:	60%		
Comments:	Tyre used must be on Group N Tyre list and be of a size compatible with rim.		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Boot floor
Fuel pump type and location: Mechanical on cyl. block
Capacity: 44.5 Litres
Make: Ford
Comments:

4.2 ELECTRICAL SYSTEM

Voltage:
Generator/Alternator fitted: Alternator
Battery Location: Engine compartment
Comments: Relocation of battery in boot permitted.

4.3 BODYWORK

Type: Closed
Material: Steel
No. of seats: 4
No. doors: 4
Comments:

4.4 DIMENSIONS

Track - Front: 1270mm
Wheelbase: 2490mm
Dry weight: 820 Kg.
Rear: 1270mm
Overall length: 4280mm
Comments:

4.5 SAFETY EQUIPMENT : *Refer applicable Group Regulations*