



5TH CATEGORY - HISTORIC RACING

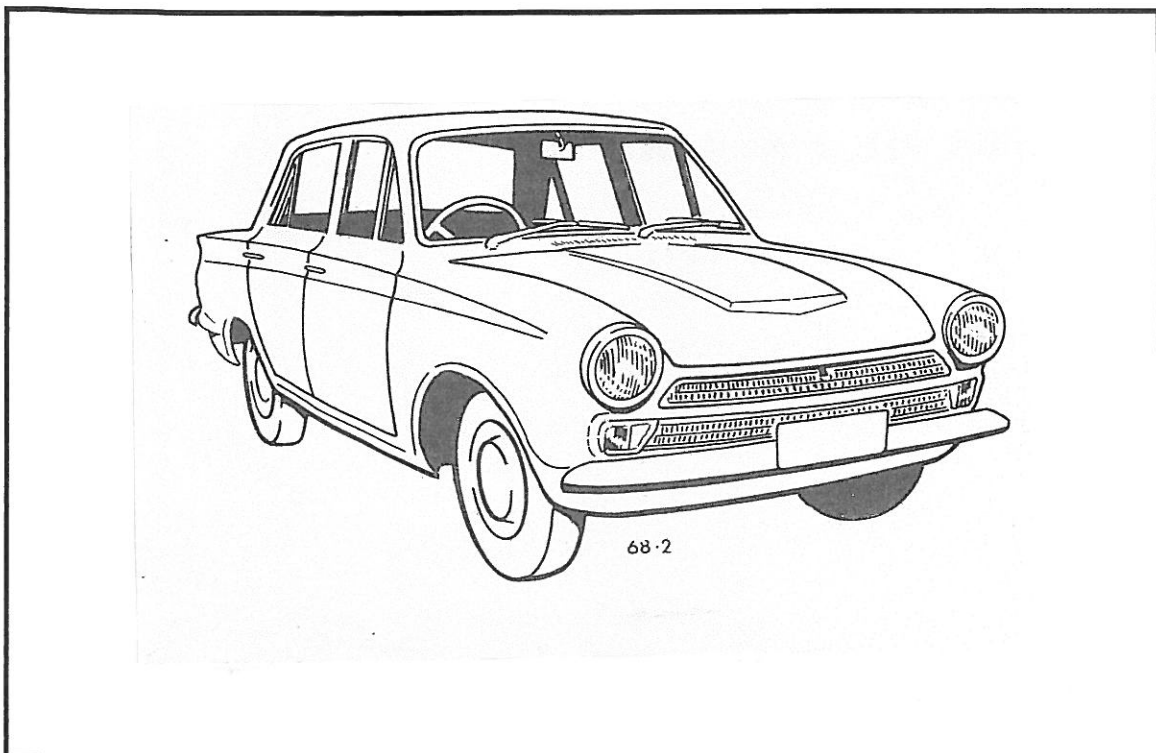
GROUP Nb

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 240 & 440
Period of Original Manufacture: 1963-66
CAMS Historic Group: Group Nb
Date of issue of this document: December 2009

Note: This specification sheet relates to both the early model (with parking lights separate from grille) and the 'Aeroflow Ventilation' model introduced in September 1964.



CHASSIS

1.1 CHASSIS FRAME

Description: Unitary construction **Period of Manufacture:**1963-1966
Manufacturer: Ford Motor Co. Ltd.
Chassis no. from: Body model codes are 12414, 12433 and 12434
Chassis no. location: Later models have ID plate on firewall
Material: Steel
Comments: Refer Group Nb regulations for permitted modifications.

1.2 FRONT SUSPENSION

Description: Independent by McPherson strut plus combined stabiliser/reactor bar.
Spring medium: Coil
Damper Type: Telescopic integral with strut tube. **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: Refer comments **Method:**
Comments: Refer Group Nb regulations for permitted modifications.

1.3 REAR SUSPENSION

Description: Live axle on leaf spring.
Spring medium: Multi-leaf semi-elliptic springs
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: Not fitted **Adjustable:** N/A
Suspension adjustable: No **Method:**
Comments: Refer Group nb regulations for permitted modifications

1.4 STEERING

Type: Recirculating ball **Make:** Ford
Comments: Original type and form of steering, including rod ends must be retained

1.5 BRAKES

	Front	Rear
Type:	Disc	Drum
Dimensions:	244mm x 12.7mm	2239mm x 44.5mm
Material of drum/disc:	Cast iron	Steel
No. cylinders/pots per wheel:	2	1
Actuation:	Hydraulic	
Caliper Make, Material, Type:	Girling cast iron 2-pot	
Master cylinder make:	Girling	Type: Single piston
Adjustable bias:	Tandem or twin master cylinders with latter having adjustable bias permitted but bias adjustment by seated driver prohibited.	
Servo Fitted:	No	
Comments:	Refer Group Nb regulations for permitted modifications.	

SECTION 2 - ENGINE

2.1 ENGINE

Make: Ford
Model: 116E (5 main bearing pre-crossflow engine)
No. cylinders: 4 Configuration: In line
Cylinder block material: Cast iron Two/Four Stroke: Four stroke
Bore - Original: 80.97mm Max. allowed: N/A
Stroke - original: 72.75/72.925mm Max. allowed: 72.5/72.925mm
Capacity - original: 1499cc Max. allowed: 1600cc
Cooling method: Liquid
Identifying marks: Block casting number 129E-6015
Comments: Refer Group Nb regulations for permitted modifications.

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: Block Drive: Chain
Valve actuation: Pushrods & rockers
Spark plugs/cylinder: 1
Identifying marks: N/A
Comments: Refer Group Nb regulations for permitted modifications. Note removal of metal permitted, addition of material prohibited.

2.3 LUBRICATION

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

2.4 IGNITION SYSTEM

Type: Coil & distributor
Make: Autolite
Comments: Refer Group Nb regulations for permitted modifications.

2.5 FUEL SYSTEM

Carburettor Make: Ford/Zenith Model:
Fuel injection Make: Type:
Supercharged: No Type
Comments: Refer Group Nb regulations for permitted modifications.

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Boot floor
Fuel pump type and location: Mechanical on block
Capacity: 36.4 litres
Make: AC
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 12V
Generator/Alternator fitted: Either permitted
Battery Location: Engine compartment.
Comments: Refer Group Nb regulations for permitted modifications.

4.3 BODYWORK

Type: Unitary construction sedan
Material: Steel
No. of seats: 4
No. doors: 2 or 4
Comments: All external and internal trim must be retained. A firewall of aluminium sheet is required between boot and passenger compartment.

4.4 DIMENSIONS

Track - Front: 1290 mm + or – 25mm
Rear: 1270 mm + or – 25mm
Wheelbase: 2489mm + or – 25mm
Overall length: 4275mm
Dry weight: 790Kg (2 door) 818 Kg (4 door)
Comments: Refer Group Nb regulations for permitted modifications.

4.5 SAFETY EQUIPMENT : Refer applicable Group Regulations