

CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Nc

APPROVED VEHICLE SPECIFICATION

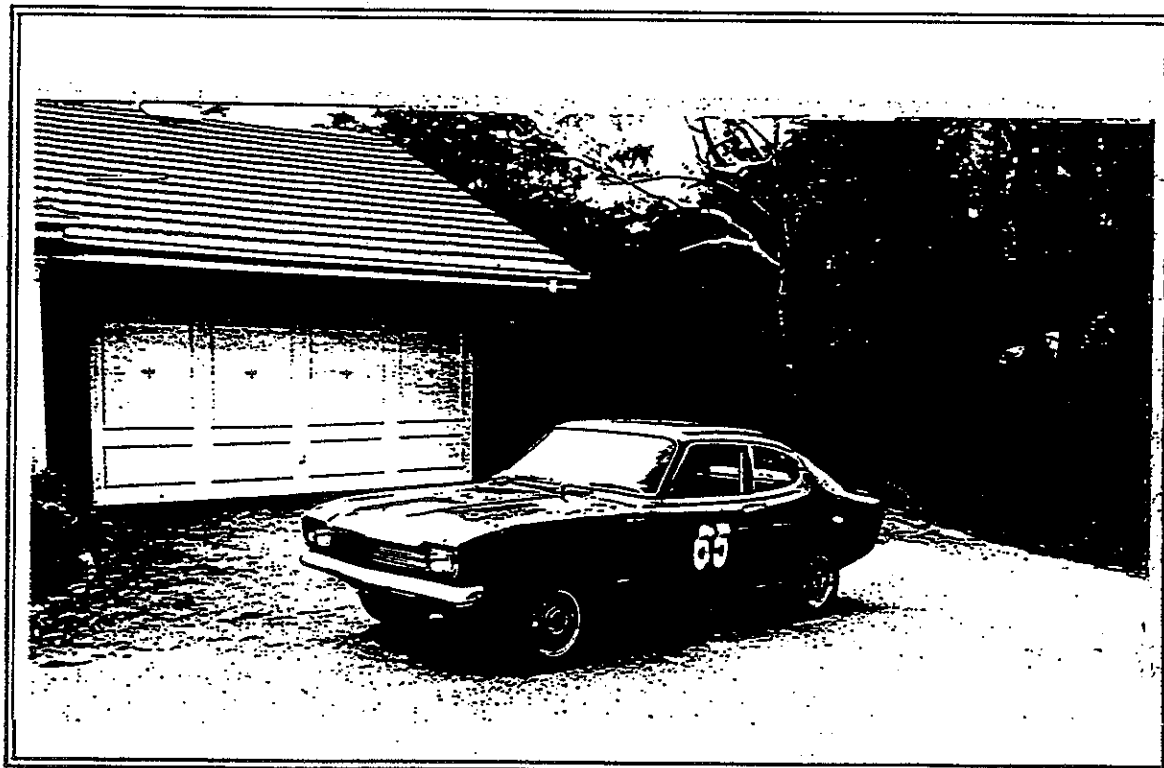
This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

Make of Car: Ford Model: Capri V6 3 Litre

Period of Original Manufacture: 1969 - 1973

CAMS Historic Group: Nc

Date of Issue of this Document: October 2000



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary Construction **Period of Manufacture:**
Manufacturer: Ford Motor Company 1969 - 1973
Chassis no. from:
Chassis no. location: RHS Strut Re-inforcing Panel & Radiator Support Panel
Material: Steel
Comments: None

1.2 FRONT SUSPENSION

Description: Independent - McPherson Strut
Spring medium: Coil
Damper Type: Telescopic **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No **Method:** N/A
Comments: Spring Rates and Ride Height Free. Shock Absorbers free subject to their being of appropriate period type and to the use of original mounts.

1.3 REAR SUSPENSION

Description: Live Axle
Spring medium: Semi Elliptic Leaf
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: Not Fitted **Adjustable:** N/A
Suspension adjustable: No **Method:** N/A
Comments: Rear Suspension Stabilizer Fitted as Production Evolution. May be fitted all cars. Spring Rates & Height Free. Shock Absorbers free subject to their being of appropriate period type and to the use of original mounts. Axle Location may be improved. The original axle and suspension must not be overridden.

1.4 STEERING

Type: Rack and Pinion **Make:** Ford
Comments: None

1.5 BRAKES

| | Front | Rear |
|---------------------------------------|---------------|---------------------|
| Type: | Disc | Drum |
| Dimensions: | 244 x 12.7 mm | 229 x 45 mm |
| Material of drum/disc | Cast iron | Cast iron |
| No. cylinders/pots per wheel: | 2 | 2 |
| Actuation: | Hydraulic | Hydraulic |
| Caliper: Make, Material, Type: | | Girling |
| Master cylinder make: | Girling | Type: Single |
| Adjustable bias | No | |
| Servo Fitted | Yes | |

Comments: Tandem/Twin Master Cylinder permitted. Any Braking System may be fitted, provided the swept area is not increased and all components are of period origin.

SECTION 2 - ENGINE

2.1 ENGINE

Make: Ford
Model:
No. cylinders: 6
Cylinder Block-material: Cast Iron
Bore - Original: 93.67 mm
Stroke - original: 72.42 mm
Capacity - original: 2994 cc
Cooling method: Water
Identifying marks:
Comments: None

Configuration: Vee
Four Stroke
Max. allowed: 95.17 m
Max. allowed: 72.42 m
Max. allowed: 3072 cc

2.2 CYLINDER HEAD

Make: Ford
No. of valves/cylinder- **Inlet:** 1 **Exhaust:** 1
No. of ports total: 12 **Inlet:** 6 **Exhaust:** 6
No. of camshafts: 1 **Location:** Block **Drive:** Chain
Valve actuation: Pushrod
Spark plugs/cylinder: 1
Identifying marks:
Comments: Revised "D" Port heads (P/N 722M-6049-DA) are permitted.

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: Oil Cooler Permitted.

2.4 IGNITION

Type: Coil and Distributor
Make: Lucas
Comments: Coil/Distributor may be replaced with items of different manufacture.

2.5 FUEL FEED

Carburettor: Make: Weber **Model:** 40DFAV **No:** 1 **Size:** 40m
Fuel injection Make: N/A **Type:** N/A
Supercharged: N/A **Type:** N/A
Make:
Comments: Carburettor may be replaced by other/s of period type.

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Various **Type:** Diaphragm **Diameter:** 241 mm
No. of Plates: 1
Actuation: Hydraulic
Comments: Clutch Free

3.2 TRANSMISSION

Type: 4 Speed Synchromesh
Make: Ford **Model:**
No. forward speeds: 4 **Gearbox location:** Behind Engine
Gear change type and location: Floor- Remote
Case material: **Identifying marks:**
Comments: Ratios Free. Both Model Gearboxes Permitted

3.3 FINAL DRIVE

Make: Ford **Model:**
Wheel drive method: Rear
Ratios: 3.22:1, 4.1:1 (Standard)
Differential: Free **Type:** Hypoid Bevel
Comments: Ratios Free LSD Permitted

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 1 **Location:** Gearbox to Final Drive
Description: Tubular Tailshaft with Universal Joints
Comments: None

3.5 WHEELS & TYRES

| | | | |
|-----------------------------------|---------------------------------------|-------------------|------------------------|
| Wheel type: | Original: Pressed Steel Disc | Material: | Original: Steel |
| | Allowed: Steel or Period Alloy | | Allowed: Alloy |
| Fixture method: | 4 Studs | No. studs: | 4 |
| Wheel dia. & rim width | FRONT | | REAR |
| | Original: | 5 x 13 | 5 x 13 |
| | Allowed: | 7 x 13 | 7 x 13 |
| Tyre section: | Original: | 175 x 13 | 175 x 13 |
| | Allowed: | 205/60 x 13 | 205/60 x 13 |
| | Aspect ratio - minimum: | 60% | 60% |
| Comments: | None | | |

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Rear **Capacity:** 61 Litres
Fuel pump, type and location: Mechanical **Make:**
Comments: Electric pump/s permitted.

4.2 ELECTRICAL SYSTEM

Voltage: 12 **Alternator fitted.**
Battery Location: Engine Compartment
Comments: None

4.3 BODYWORK

Type: Four Seat Coupe **Material:** Steel
No. of seats: 4 **No. of doors:** 2
Comments: Body shell may be seam welded.

4.4 DIMENSIONS

Track - Front: 1372 mm **Rear:** 1346 mm
Wheelbase: 2560 mm **Overall length:** 4262 mm
Dry weight: 1002 kg
Comments: None

4.5 SAFETY EQUIPMENT

Fire extinguisher required
Seat belt required
Rollbar required
Electrical cut off switch required
Safety fuel tank optional

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