



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 a 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:	Mustang
Period of Original Manufacture:	1966		
CAMS Historic Group:	Nc		
Date of issue of this document:	Nov 2017		



Refer to CAMS Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Uni – body
Period of Manufacture: 1965 – 66
Manufacturer: Ford Motor Co
Chassis no. from: 6(F,R or T)07(A,C,D,F or K)000001 Eg 6F07D00001
Chassis no. location: LHF inner front fender
Material: Steel

1.2 FRONT SUSPENSION

Description: Independent with upper wishbone, lower control arm & tension rod
Spring Medium: Coil
Damper Type: Telescopic **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No

1.3 REAR SUSPENSION

Description: Live axle
Spring medium: Semi – elliptical leaf
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: No
Suspension adjustable: No

1.4 STEERING

Type: Recirculating ball & nut **Make:** Ford
Comments: For fitment of a collapsible steering column refer to the Appendix

1.5 BRAKES

	Front	Rear
Type:	Disc, vented	Drum, twin leading shoe
Dimensions:	287 x 21 mm	254 x 45 mm
Material:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Four	Two
Actuation:	Hydraulic	Hydraulic
Caliper Make:	Kelsey Hays	
Caliper Type:	Fixed	
Caliper Material:	Cast iron	
Master cylinder make:	Kelsey Hays / Girling	Type: Tandem
Adjustable bias:	No	
Servo Fitted:	Yes	

SECTION 2 - ENGINE

2.1 ENGINE

Make:	Ford	Configuration:	Vee
Model:	289	Two/Four Stroke:	Four
No. cylinders:	Eight	Max. allowed:	103.1 mm
Cylinder block material:	Cast iron	Max. allowed:	72.898 mm
Bore - Original:	101.6 mm	Max. allowed:	4869 cc
Stroke - original:	72.898 mm		
Capacity - original:	4728 cc		
Cooling method:	Liquid		
Identifying marks:	N/A		

Comments:

Ford M-6010-BOSS 302 block with a rev limit of 7500rpm as a replacement for the Windsor 289 or 302 block is approved for use. Log book endorsed and the engine sealed required.

2.2 CYLINDER HEAD

Make:	Ford	Inlet:	One	Exhaust:	One
No. of valves/cylinder:	Two	Inlet:	Four	Exhaust:	Four
No. of ports total:	Eight	Location:	Block	Drive:	Chain
No. of camshafts:	One				
Valve actuation:	Pushrod & rocker				
Spark plugs/cylinder:	One				
Identifying marks:	N/A				

Comments:

2.3 LUBRICATION

Method:	Wet sump
Oil cooler standard:	No

2.4 IGNITION SYSTEM

Type:	Coil & distributor
Make:	Autolite

2.5 FUEL SYSTEM

Carburettor Make:	Autolite	Model:	4V
Carburettor number:	One	Size:	600

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Ford
Type: Diaphragm
Diameter: 267 mm
Actuation: Hydraulic
No. of Plates: One

3.2 TRANSMISSION

Type: Ford
Make: Toploader
No. forward speeds: Four
Gear change type and location: Centre / floor
Case material: Cast iron
Gearbox location: Behind engine
Identifying marks: N/A

3.3 FINAL DRIVE

Make: Ford
Type: Live rear axle
Wheel drive method: Rear
Ratios: Various
Differential type: Open / free
Model: Hotchkiss

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: One
Description: Tubular steel open tailshaft

3.5 WHEELS & TYRES

Wheel type - Original:	Disc	Material - Original:	Steel
Allowed:	Period cast	Allowed:	Alloy
Fixture method:	Studs	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	14 or 15 x 6 inch		14 to 15 x 6 inch
Allowed:	14 or 15 x 8 inch		14 to 15 x 8 inch
Tyres original:	N/A		N/A
Tyres allowed:	60% minimum aspect ratio, refer approved tyre list.		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:	Boot floor	Capacity:	102 litre
Fuel pump type and location:	Mechanical / engine	Make:	AC

4.2 ELECTRICAL SYSTEM

Voltage:	12	Generator or Alternator:	Alternator
Battery Location:	Engine bay		

4.3 BODYWORK

Type:	Fixed head coupe	Material:	Steel
No. of seats:	Four	No. doors:	Two

4.4 DIMENSIONS

Track - Front:	1460 mm	Rear:	1460 mm
Wheelbase:	2743 mm	Overall length:	4612 mm
Dry weight:	1200 Kg		

4.5 SAFETY EQUIPMENT

Refer applicable Group Regulations

Replacement of solid steering column with collapsible type.

The original steering column main outer tube and steering shaft is replaced with a collapsible steering column main outer tube and steering shaft from an Australian XA to XC Ford Falcon.

The Ford Falcon main tube is modified by removing the spot welded Ford Australia mount and drilling a hole in the column for the Ford USA mount that bolts into the dashboard.



The Ford Falcon main outer tube will locate in the original lower firewall mount. An original Ford Australia coupler can then be used to join the collapsible inner shaft to the original steering box.



The original Ford USA steering column top and switches can then be mounted on the top of the Collapsible column to retain the original look and functions.

