



**5TH CATEGORY - HISTORIC RACING**  
**GROUP N**  
 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 Motorsport Australia Manual.

<b>Make of Car:</b>	Ford	<b>Model:</b>	Customline
<b>Period of Original Manufacture:</b>	1955		
<b>Motorsport Australia Historic Group:</b>	Nb		
<b>Date of Issue of this Document:</b>	1 January 2024		



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

***Update Log***

1/1/2024	Inclusion of kerb and minimum racing weights

## SECTION 1 - CHASSIS

### 1.1. CHASSIS

<b>Description:</b>	Uni-body two door coupe or four door
<b>Period of Manufacture:</b>	1955
<b>Manufacturer:</b>	Ford Motor Co.
<b>Chassis Number From:</b>	9(F, R or T)07 02H - 100001
<b>Chassis Number location:</b>	Left hand front inner front fender
<b>Material:</b>	Steel
<b>Comments</b>	None

### 1.2. FRONT SUSPENSION

<b>Description:</b>	Independent - upper wishbone, lower control arm & castor rod		
<b>Spring Medium:</b>	Coil		
<b>Damper Type:</b>	Telescopic	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	Fitted	<b>Adjustable:</b>	No
<b>Suspension adjustable:</b>	Yes	<b>Method:</b>	Caster, camber and toe
<b>Comments:</b>	Refer to Appendix A		

### 1.3. REAR SUSPENSION

<b>Description:</b>	Live rear axle		
<b>Spring Medium:</b>	Semi elliptical leaf		
<b>Damper Type:</b>	Telescopic	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	No	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	No	<b>Method:</b>	N/A
<b>Comments:</b>	Refer to Appendix A		

### 1.4. STEERING

<b>Type:</b>	Recirculating ball	<b>Make:</b>	Ford
<b>Comments</b>	None		

### 1.5. BRAKES

	Front	Rear
<b>Type:</b>	Drum	Drum
<b>Dimensions:</b>	279.4 mm x 44.4 mm	279.4 mm x 44.4 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	One	One
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	N/A	
<b>Caliper type:</b>	N/A	
<b>Material:</b>	N/A	
<b>Master cylinder make:</b>	Ford	
<b>Type:</b>	Tandem	
<b>Adjustable bias:</b>	No	
<b>Servo Fitted:</b>	Yes	
<b>Comments:</b>	None	

## SECTION 2 - ENGINE

### 2.1. ENGINE

<b>Make:</b>	Ford		
<b>Model:</b>	Y-Block V8		
<b>No. cylinders:</b>	Eight	<b>Configuration:</b>	Vee
<b>Cylinder Block-material:</b>	Cast iron	<b>Two/Four Stroke:</b>	Four
<b>Bore - Original:</b>	95.25 mm	<b>Max allowed:</b>	96.75 mm
<b>Stroke - original:</b>	83.82 mm	<b>Max allowed:</b>	84 mm
<b>Capacity - original:</b>	4785 cc	<b>Max allowed:</b>	4929 cc
<b>Identifying marks:</b>	"ECH", "ECJ" or "ECL" followed by " 6015" Engine block number is generally on side of block above oil filter		
<b>Cooling method:</b>	Liquid		
<b>Comments:</b>	None		

### 2.2. CYLINDER HEAD

<b>Make:</b>	Ford		
<b>No. of valves/cylinder:</b>	Two	<b>Inlet:</b> One	<b>Exhaust:</b> One
<b>No. of ports total:</b>	Eight	<b>Inlet:</b> Four	<b>Exhaust:</b> Four
<b>No. of camshafts:</b>	One	<b>Location:</b> Block	<b>Drive:</b> Chain
<b>Valve actuation:</b>	Pushrod and rocker		
<b>Spark plugs/cylinder:</b>	One		
<b>Identifying marks:</b>	Inside rocker cover ECG-A, ECG-C, ECG-D		
<b>Comments:</b>	None		

### 2.1. LUBRICATION

<b>Method:</b>	Wet sump	<b>Oil tank location:</b>	N/A
<b>Dry sump pump type:</b>	N/A	<b>Location:</b>	N/A
<b>Oil cooler standard:</b>	No	<b>Location:</b>	N/A
<b>Comments:</b>	Oil cooler permitted.		

### 2.2. IGNITION SYSTEM

<b>Type:</b>	Points, coil & distributor		
<b>Make:</b>	Autolite		
<b>Comments</b>	Breakerless electronic ignition permitted		

### 2.3. FUEL SYSTEM

<b>Carburettor Make</b>	Holley	<b>Model:</b>	2110
<b>Carburettor Number:</b>	One		
<b>Size:</b>	Various		
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	N/A
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	None		

### SECTION 3 - TRANSMISSION

#### 3.1. CLUTCH

Make:	Ford
Type:	Diaphragm
Diameter:	254 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

#### 3.2. TRANSMISSION

Type:	Synchromesh
Make:	Ford Top Loader
Gearbox location:	Behind engine
No. forward speeds:	Three
Gearchange type and location:	Column. Floor shift optional in USA
Case material:	Cast iron
Identifying marks:	N/A
Comments:	None

#### 3.3. FINAL DRIVE

Make:	Ford	Model:	9 inch
Type:	Live axle		
Ratios:	3.89:1		
Differential type:	Ford		
Comments:	None		

#### 3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	One
Location:	Gearbox to final drive
Description:	Open tailshaft with twin uni joints
Comments:	Steel

#### 3.5. WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Wheel type - Allowed:	Period cast	Material - Allowed:	Alloy
Fixture method:	Studs	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	6" x 15" 6.7" x 15"		6" x 15" 6.7" x 15"
Allowed	6" x 15" 6.7" x 15"		6" x 15" 6.7" x 15"
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

<b>Tank Location:</b>	Boot floor	<b>Capacity:</b>	66 litres
<b>Fuel pump, type:</b>	Mechanical, on engine block.	<b>Make:</b>	Ford
<b>Comments:</b>	None		

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	6	<b>Alternator fitted:</b>	Generator
<b>Battery Location:</b>	Engine compartment		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Closed touring	<b>Material:</b>	Steel
<b>No. of seats:</b>	Four	<b>No. doors:</b>	Two or Four
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1473 mm	<b>Rear:</b>	1422 mm
<b>Wheelbase:</b>	2934 mm	<b>Overall length:</b>	5042 mm
<b>Approved Manufacturer's kerb weight:</b>	1540 kgs		
<b>Approved minimum racing weight:</b>	1509 kgs		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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## **Appendix A**

### ***Suspension***

#### ***Front***

Spring height adjustment permitted.

#### ***Rear***

Spring height adjustment permitted.