



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.

Make of Car:	Anglia Anglia Super Anglia 1200	Model:	105E/123E
Period of Original Manufacture:	September 1959 – 1967 (105E) 1962 – 1967 (123E)		
Motorsport Australia Historic Group:	Nb		
Date of Issue of this Document:	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

Description:	Unitary construction
Period of Manufacture:	1959 – 1967
Manufacturer:	Ford
Chassis Number From:	10XE XXXXX
Chassis Number location:	Stamped between the first two strut top bolts
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent - by MacPherson Strut with lower arm and sway bar		
Spring Medium:	Coil		
Damper Type:	Telescopic incorporated in strut	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	Yes	Method:	Toe
Comments:	Refer to Appendix A		

1.3. REAR SUSPENSION

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

1.4. STEERING

Type:	Recirculating ball	Make:	Ford
Comments	None		

1.5. BRAKES

102E

	Front	Rear
Type:	Drum	Drum
Dimensions:	203.2 mm x 31.75 mm	203.2 mm x 38.1 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	N/A	
Caliper type:	N/A	
Material:	N/A	
Master cylinder make:	Girling	
Type:	Single	
Adjustable bias:	No	
Servo Fitted:	No	
Comments:	None	

1.6. BRAKES

123E

	Front	Rear
Type:	Disc, solid	Drum
Dimensions:	12.7 mm x 231 mm	38 mm x 203 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	One
Actuation:	Hydraulic	Hydraulic

Caliper make:	Girling
Caliper type:	Fixed
Material:	Cast iron
Master cylinder make:	Girling
Type:	Single
Adjustable bias:	No
Servo Fitted:	No
Comments:	None

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Ford		
Model:	Pre - cross flow type 105E 113E		
No. cylinders:	Four	Configuration:	In-line
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore - Original:	80.96 mm	Max allowed:	82.46 mm
Stroke - original:	48.41 mm	Max allowed:	48.41 mm
Capacity - original:	997 cc	Max allowed:	1034 cc
Super - Bore - Original:	81 mm	Max allowed:	82.5 mm
Super - Stroke - original:	58.39 mm	Max allowed:	58.39 mm
Super - Capacity - original:	1198 cc	Max allowed:	1249 cc
Identifying marks:	Above the driver's side engine mounting 105E-6015 113E-6015		
Cooling method:	Liquid		
Comments:	Any 7.12" height deck block with the following Engine Casting Block number: 105E-6015, 109E-6015, 113E-6015. Later 5 main bearing engines not permitted.		

2.1. CYLINDER HEAD

Make:	Ford		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Eight	Inlet: Four	Exhaust: Four
No. of camshafts:	One	Location: Block	Drive: Chain
Valve actuation:	Pushrod and Rocker		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	Cylinder head is pre-crossflow type.		

2.1. 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:	None		

2.2. IGNITION SYSTEM

Type:	Points, coil and distributor		
Make:	Lucas/Autolite		
Comments	Breakerless electronic ignition permitted		

2.3. FUEL SYSTEM

Carburettor Make – 105E:	Solex	Model:	B30 PSE1-3
Size:	N/A		
Carburettor Make – 123E:	Weber	Model:	36 DC-01
Size:	Various		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Ford
Type:	Dry plate
Diameter:	184 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh 105E models – no synchromesh on first gear 123E models – all synchromesh
Make:	Ford
Gearbox location:	Behind engine
No. forward speeds:	Four
Gearchange type and location:	Central floor lever
Case material:	Cast iron
Identifying marks:	N/A
Comments:	Alloy bell housing permitted

3.1. FINAL DRIVE

Make:	Ford	Model:	'English 'Banjo type
Type:	Live rear axle		
Ratios:	Various		
Differential type:	Banjo		
Comments:	None		

3.2. TRANSMISSION SHAFTS (EXPOSED)

Number:	One.
Location:	Gearbox to final drive
Description:	Tubular and Open tail shaft with twin uni joints.
Comments:	One

3.1. WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Wheel type - Allowed:	Steel Alloy (period style)	Material - Allowed:	Steel Alloy
Fixture method:	Studs and nuts	No. studs:	Four
Wheel dia. & rim width	FRONT		REAR
Original – 105E:	4" x 13"		4" x 13"
Allowed – 105E	5" x 13"		5" x 13"
Original – 123E:	5.5" x 13"		5.5" x 13"
Allowed – 123E	6" x 13"		6" x 13"
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

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SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Rear	Capacity:	32 litres
Fuel pump, type:	Mechanical on engine block	Make:	AC
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	12	Alternator fitted:	Generator
Battery Location:	Engine compartment		
Comments:	None		

4.3. BODYWORK

Type:	2 door sedan	Material:	Steel
No. of seats:	Four	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1220 mm	Rear:	1220 mm
Wheelbase:	2290 mm	Overall length:	3890 mm
Approved Manufacturer's kerb weight:	754 kg		
Approved minimum racing weight:	731 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix

Suspension

Front

Adjustable strut top mounts and dampers permitted. Spring platform location may be changed; adjustable spring platforms are permitted.
Spring height adjustment permitted.

Rear

Spring height adjustment permitted.