



5TH CATEGORY - HISTORIC RACING
GROUP S
 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:	Lancia	Model:	Fulvia Coupe Series I - 1.2 Series I - 1.3 Series I - 1.3S Series I - HF 1.2 Series I - Rallye 1.3S Series II - 3 Series II - Monte Carlo Series II - Safari
Period of Original Manufacture:	Series I - 1.2 – 1965 - 1967 Series I - 1.3 - 1967 - 1969 Series I - 1.3S – 1968 - 1970 Series I - HF 1.2 – 1966 - 1967 Series I - Rallye 1.3S – 1968 - 1970 Series II – 3 – 1974 - 1976 Series II - Monte Carlo – 1974 - 1976 Series II – Safari – 1974 - 1976		
Motorsport Australia Historic Group:	Sb		
Date of Issue of this Document:	30/6/2022		



Update Log

30/6/2022	Document layout

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Platform
Period of Manufacture:	Series I - 1.2 – 1965 - 1967 Series I - 1.3 - 1967 - 1969 Series I - 1.3S – 1968 - 1970 Series I - HF 1.2 – 1966 - 1967 Series I - Rally 1.3S – 1968 - 1970 Series II – 3 – 1974 - 1976 Series II - Monte Carlo – 1974 - 1976 Series II – Safari – 1974 - 1976
Manufacturer:	Lancia
Chassis Number From:	818 Series – Refer Appendix
Chassis Number location:	Engine compartment – front rail
Material:	Mild steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent - double wishbone		
Spring Medium:	Transverse leaf		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	No	Method:	Toe
Comments:	Spring rates and ride height are free		

1.3. REAR SUSPENSION

Description:	Tubular beam axle		
Spring Medium:	Semi elliptic leaf		
Damper Type:	Telescopic	Adjustable	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	Yes	Method:	Toe
Comments:	Spring rates and ride height are free		

1.4. STEERING

Type:	Worm and peg	Make:	Lancia
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc	Disc
Dimensions:	257mm	mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	One or Two	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	Dunlop	
Caliper type:		
Material:	Cast iron	
Master cylinder make:	Lockheed Superduplex	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Lancia		
Model:	828BC1		
No. cylinders:	Four	Configuration:	Transverse
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore – Original – 1.2:	76.0 mm	Max allowed:	77.5 mm
Stroke – original – 1.2:	67.0 mm	Max allowed:	67.0 mm
Capacity – original – 1.2:	1216 cc	Max allowed:	1262 cc
Bore – Original – 1.3:	77.0 mm	Max allowed:	78.5 mm
Stroke – original – 1.3:	69.7 mm	Max allowed:	69.7 mm
Capacity – original – 1.3:	1298 cc	Max allowed:	1350 cc
Bore – Original – 1.6:	82.0 mm	Max allowed:	83.5 mm
Stroke – original – 1.6:	75.0 mm	Max allowed:	75.0 mm
Capacity – original – 1.6:	1584 cc	Max allowed:	1641 cc
Identifying marks:	818 Series – Refer Appendix		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Lancia		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Eight	Inlet: Four	Exhaust: Four
No. of camshafts:	Two	Location: Head	Drive: Toothed belt
Valve actuation:	Overhead cam		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

2.3. LUBRICATION

Method:	Dry 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 allowed		

2.4. IGNITION SYSTEM

Type:	Points, Coil and Distributor		
Make:	Marelli		
Comments	1600cc - Magnetti Marelli Distributor S 139A Fitting Kit: FK720 Performance Kit: CEK160 or CEK150 1300cc - Magnetti Marelli Distributor S105C , Ducellier 4206A Distributor Fitting Kit: FK 316 Performance Kit: CEK160 or CEK150		

2.5. FUEL SYSTEM

Carburettor Make:	Weber	Model:	34 DOC
Carburettor Make:	Solex	Model:	35 PHH 40 DDHF
Carburettor Number:	One		
Size:			
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Lancia
Type:	Dry plate
Diameter:	200 mm
No. of Plates:	One
Actuation:	Mechanical – cable
Comments:	None

3.2. TRANSMISSION

Type:	Manual, synchromesh
Make:	Lancia
Gearbox location:	LH side of engine bay
No. forward speeds:	Four Five Series II – Rallye and HF
Gearchange type and location:	Lever, central floor
Case material:	Aluminium
Identifying marks:	
Comments:	Ratios free

3.3. FINAL DRIVE

Make:	Lancia	Model:	
Wheel drive method	Front		
Ratios:	Various		
Differential type:	Helical		
Comments:	Ratios free Limited slip differential allowed		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle to front wheels
Description:	Individual driveshafts with CV joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Steel	Material - Original:	Steel
Wheel type - Allowed:	Cast alloy	Material - Allowed:	Magnesium alloy
Fixture method:	Bolt on	No. studs:	Four
Wheel dia. & rim width	FRONT		REAR
Original – 1200/1300:	4 ½ "x 14"		4 ½ "x 14"
Allowed – 1200/1300	5" x 14" (1300cc)		5" x 14" (1300cc)
Original - 1600:	4 ½ "x 14"		5 ½ "x 14"
Allowed – 1600	6" x 14"		6" x 14"
Tyre Section:			
Original:	145 SR 14 Series II – 165 SR 14		145 SR 14 Series II – 165 SR 14
Allowed:	175 x 14"		185 14
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Rear -under boot floor	Capacity:	49 litres
Fuel pump, type:	Mechanical and/or electrical	Make:	Lancia
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Alternator
Battery Location:	Engine bay – LHS		
Comments:	None		

4.3. BODYWORK

Type:	Coupe	Material:	Steel
No. of seats:	Two	No. doors:	Two
Comments:	Lightened bodywork, achieved by removing the bumpers, using an aluminium bonnet, doors and boot lid, Plexiglas side and rear windows, and bare steel wheels without hubcaps.		

4.4. DIMENSIONS

Track - Front:	1300 mm	Rear:	1280 mm
Wheelbase:	2330 mm	Overall length:	3975 mm
Dry weight:	990 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix
Chassis numbers

Vehicle	LHD	RHD	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Coupé Rallye 1,2	818.130	818.131	1001 - 6108	6109 - 17613	17614 - 19973	19974 - 20793	20794 - 21436						
Coupé Rallye 1,2 HF	818.140			1001 - 1435	1436 - 1490								
Coupé Rallye 1.3	818.330	818.331			1001 - 10262	10263 - 18467	18468 - 18850						
Coupé Rallye 1.3 HF	818.340	818.341			1100 - 1295								
Coupé Rallye 1.3 HF	818.340	818.341			1404 - 1668	1669 - 2017	2018 - 2089						
Coupé Rallye 1.3 S	818.360	818.361				1001 - 1152	1153 - 10435	10436 - 17827					
1,3S Coupé S2	818.630	818.631						1001 - 4586	4587 - 24696	24697 - 41681	41682 - 55834	55835 - 70703	70704 - 77143
1,3S Coupé S2 Montecarlo	818.630	818.631						1001 - 4586	4587 - 24696	24697 - 41681	41682 - 55834	55835 - 70703	70704 - 77143
1,3S Coupé S3	818.630	818.631						1001 - 4586	4587 - 24696	24697 - 41681	41682 - 55834	55835 - 70703	70704 - 77143
1,3S Coupé S3 Montecarlo	818.630	818.631						1001 - 4586	4587 - 24696	24697 - 41681	41682 - 55834	55835 - 70703	70704 - 77143
1,3S Safari	818.630	818.631						1001 - 4586	4587 - 24696	24697 - 41681	41682 - 55834	55835 - 70703	70704 - 77143

Engine numbers

Name	Version	LHD	RHD	Engine
FULVIA	Coupé Rallye 1,2	818.130	818.131	818.130 / 202
FULVIA	Coupé Rallye 1,2 HF	818.140		818.140
FULVIA	Coupé Rallye 1.3	818.330	818.331	818.302
FULVIA	Coupé Rallye 1.3 HF	818.340	818.341	818.342
FULVIA	Coupé Rallye 1.3 HF	818.340	818.341	818.342
FULVIA	Coupé Rallye 1.3 S	818.360	818.361	818.303
FULVIA	1,3S Coupé S2	818.630	818.631	818.303
FULVIA	1,3S Coupé S2 Montecarlo	818.630	818.631	818.303
FULVIA	1,3S Coupé S3	818.630	818.631	818.303
FULVIA	1,3S Coupé S3 Montecarlo	818.630	818.631	818.303
FULVIA	1,3S Safari	818.630	818.631	818.303