

CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Na

APPROVED VEHICLE SPECIFICATION

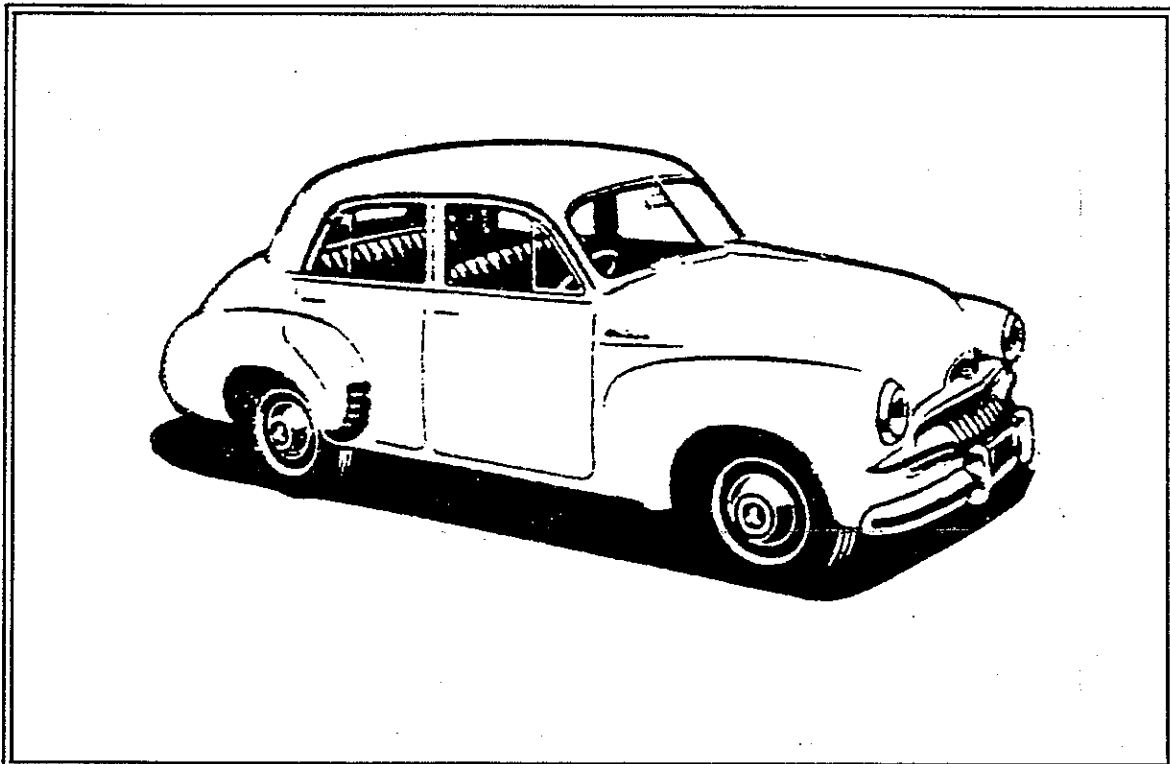
This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the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

Make of Car: Holden **Model:** 48/215 ("FX") & FJ

Period of Original Manufacture: 1948 - 1956

CAMS Historic Group: Na

Date of Issue of this Document: 14 August 1997



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unit Body Shell
Manufacturer: GMH
Chassis no. from:
Chassis no. location:
Material: Mild Steel
Comments:

Period of Manufacture:
1948 to 1956

1.2 FRONT SUSPENSION

Description: IFS Twin Wishbones
Spring medium: Coil
Damper Type: Tubular *
Anti-sway bar: No
Suspension adjustable: No
Comments: *Earlier cars fitted with lever arm dampers. All cars approved for competition with tubular dampers.

Adjustable: No
Adjustable: No
Method: N/A

1.3 REAR SUSPENSION

Description: Live Axle
Spring medium: Semi Elliptic Leaf
Damper type: Tubular *
Anti-sway bar: No
Suspension adjustable: No
Comments: *Earlier cars fitted with lever arm dampers. All cars approved for competition with tubular dampers.

Adjustable: No
Adjustable: No
Method: N/A

1.4 STEERING

Type: Worm & Sector
Comments:

Make: Holden

1.5 BRAKES

	Front	Rear
Type:	Drum	Drum
Dimensions:	9" x 1.5"	9" x 1.5"
Material of drum/disc	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	1	1
Actuation:	Hydraulic	Hydraulic
Caliper: Make, Material, Type:	Holden	
Master cylinder make:	Holden	Type: Single
Adjustable bias	No	
Servo Fitted	No	
Comments:	Tandem M/Cyl Allowed Servo Allowed	

SECTION 2 - ENGINE

2.1 ENGINE

Make : **HOLDEN** Model : **FJ & FX**
Engine no. range :
No. cylinders : **6** Configuration : **IN LINE** **FOUR stroke.**
Block material : **CAST IRON**
Bore ; original : **76.2 mm** Max. allowed : **77.7 mm**
Stroke ; original : **79.4 mm** Max. allowed : **79.4 mm**
Capacity ; original ; **2173 CC** Max. allowed : **2260 CC**
Cooling method : **WATER**
Identifying marks : **NIL**
COMMENTS : **NIL**

2.2 CYLINDER HEAD

Make : **HOLDEN**
No. valves per cyl : **2** Inlet : **1** Exhaust **1**
No of ports, total : **7** Inlet : **3** Exhaust **4**
No of camshafts : **1** Location : **BLOCK** Drive : **GEAR**
Valve actuation : **OHV**
Spark plugs per cyl. : **1**
Identifying marks : **-**
COMMENTS : **NIL**

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 ALLOWED**

2.4 IGNITION SYSTEM

Type : **DISTRIBUTOR AND COIL** Make : **BOSCH**
COMMENTS : **NIL**

2.5 FUEL SYSTEM

Carburettor ; Make : **STROMBERG** Model : **BXOV.1** No. : **1**
Size :
Fuel injection ; Make : **NO** Type :
Supercharger : **NO** Type :
Make : **N/A** Drive :
COMMENTS : **THREE STROMBERG CARBURETTORS ALLOWED**
THROAT SIZE UNRESTRICTED

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make : **BORG & BECK** Type : **COIL** Dia. :
No. of plates : **1**
Actuation : **ROD**
COMMENTS : **NIL**

3.2 TRANSMISSION

Make : **HOLDEN** Model : **FJ & FX**
Case material : **CAST IRON**
No. of forward speeds : **3** Gearchange Type **COLUMN CHANGE**
Gearbox location : **BEHIND ENGINE**
COMMENTS : **RATIOS FREE**

3.3 FINAL DRIVE

Make : **HOLDEN** Model :
Wheel drive : **REAR**
Ratio : **4.375:1**
Differential : **FREE** Type : **HYPOID BEVEL**
COMMENTS : **RATIOS FREE**

3.4 TRANSMISSION SHAFTS (EXPOSED)

No. **1** Location : **TAILSHAFT**
Description : **TUBULAR**
COMMENTS : **NIL**

3.5 WHEELS AND TYRES

Wheel , type; original : **DISC** Material; original : **STEEL**
 Allowed : **DISC** Allowed : **STEEL**
Fixture method : **BOLT ON** No. studs : **5**

	Front	Rear
Wheel dia. & rim width	Original : 15 x 4"	15 x 4"
	Allowed : 15 x 5"	15 x 5"
Tyre section :	Original : 590 x 15	590 x 15
	Allowed : 195 x 15	195 x 15
Aspect ratio, minimum :	65%	
COMMENTS :	TYRES MUST BE FROM THE APPROVED TYRE LIST	

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank location :	IN BOOT FLOOR	Capacity, litres :	40
Fuel pump; type :	MECHANICAL	Make :	AC
COMMENTS :	NIL		

4.2 ELECTRICAL SYSTEM

Power supply :	GENERATOR		
Battery; location :	R/H SIDE FIREWALL	Voltage :	6
COMMENTS :	NIL		

4.3 BODYWORK

Type :	SEDAN	Material :	STEEL
No. of seats :	5	No. doors :	4
COMMENTS :	NIL		

4.4 DIMENSIONS

Track; front ;	1346 mm	Track, rear :	1372 mm
Wheelbase;	2616 mm	Overall length :	4394 mm
Dry weight :	1026 kg		
COMMENTS :	NIL		

4.5 SAFETY EQUIPMENT

Fire Extinguisher :	REQUIRED
Seat belt :	REQUIRED
Roll bar :	REQUIRED
Battery cut off switch :	RECOMMENDED
Safety fuel tank :	RECOMMENDED
COMMENTS :	NIL