IMSA CODE

COMPETITION RULES

OF THE

INTERNATIONAL
MOTOR SPORTS
ASSOCIATION, Inc.

P. O. Box 805
Fairfield, Conn. 06430
(203) 259-5233

Price: $1.50

race organizer, require all contestants to use the same kind of fuel, or the fuel provided.

10.2 Mechanical Condition

Each entered car must be inspected and approved by the Technical Inspector before it will be allowed to participate in competition or practice.

Cars damaged or altered after they have been approved at inspection are subject to reinspection and approval. Major body components must be maintained in normal position throughout the competition, questionable cars subject to decision of the Race Director.

10.3 Technical Inspection

Technical Inspection will cover:

a. Eligibility under IMSA rules.
b. Safety and design and construction per inspection form.
c. Appearance—clean and neat, no old damage.
d. Identification Numbers—legible to satisfaction of Timekeeper.
e. Racing Tires—mandatory, unless SR provide otherwise.
f. Leakage—not allowed.
g. Driver safety equipment, per Art. 5.6.

10.4 IMSA SEDAN CATEGORY ('Baby Grands')

1. **Purpose**

This category is intended to promote interest in race competition for volume-produced cars familiar to the American public; to generate publicity for competing drivers, entrants and manufacturers; to encourage individuals to become active competitors and to enable them to compete in professional races with relatively modest investments and maintenance costs.

2. **Eligibility**

IMSA will recognize specific makes and models of cars eligible to compete in the Sedan Category. To qualify, a model must be:

—produced and marketed in sufficient volume so that its specifications are standard and may be easily checked, and so that cars and spare parts may be obtained easily;
—marketed in the U.S.A. as 1968, 1969, 1970, or 1971 models;
—able to seat 4 average-sized adults comfortably at the same time, as sold to the public;
— produced with an integral hardtop.

3. **Classes—By engine displacement, as produced:**

A—up to 2000cc (pushrod)/1600cc (overhead cam)
B—2000-4000cc (pushrod)/1600-2300cc (overhead cam)

4. **Fuel**
Pump fuel only must be used. The supplementary regulations for an event may require all competitors to use the fuel provided by the organizers.

5. **Configuration**
IMSA Sedans must conform to standard production configuration. Except where these rules allow modifications or substitutions, all components of the cars must be identical to those produced and delivered to the public in the U.S.A. Standard appearance must be maintained strictly. Each model will have a recognized official weight which must be met or exceeded as raced, without fuel or driver.

6. **Required Modifications**
   A. Doors must be pinned or bolted shut, but may not be welded.
   B. Roll bars of approved design are mandatory in all cars.
   C. Driver restraint system of approved design must be installed and worn.
   D. Passenger seats, seat backs, mats and other such loose gear must be removed.
   E. Hoods and deck lids must be secured with pins or straps in addition to their normal latches.
   F. Steering lock mechanisms must be removed.
   G. Headlite bulbs must be protected against breakage or else removed and the socket covered with non-shattering material. Functional wiring must remain installed.
   H. Metal bulkheads must be installed, if none exist, to separate the driver's compartment from the fuel tank and engine compartments.

7. **Optional Modifications**
   A. **Bodywork**
      1) Accessories, lights, gauges and switches may be added or removed, and other interior modifications made for the comfort and convenience of the driver, provided there is no effect on the car's mechanical performance. Driver's seat may be replaced.
      2) Cables and lines may be rerouted and protected.
      3) Safety fuel tanks of an approved type may be installed in place of the original tank.
      Maximum size — 15 gal for Class A
      22 gal for Class B
      If production tank is retained, standard filler opening and

attachment must be used. If safety tank is used, quick fuel fillers and breathers may be installed and bodywork modified accordingly, but check valves must also be installed to prevent loss of fuel if car becomes inverted. Safety tanks must be located in standard tank position.

4) Undercoating may be removed.

B. **Chassis—Tires—Brakes—Wheels**

1) Shock absorbers may be modified or replaced with others installed in the original supports and brackets, provided that riding height is not affected by more than 1" from standard. Anti-sway bars, torque rods and similar axle-locating devices may be added or substituted.

2) Original wheels may be strengthened but must remain of size and offset specified for that model. Spare wheel may be removed. All four road wheels (and tires) must be of the same dimensions.

3) Standard or replacement type tires as marketed to the public must be used; no racing or recapped tires are permitted.

4) Standard brakes must be used, but may be modified as follows:
— any dual master cylinders and pressure-equalizing devices may be used
— lining material is free
— backing plates and dirt shields may be ventilated and air ducts installed provided no modifications are made in the bodywork.
— hand brake may be removed.

C. **Electrical System**

1) Battery may be replaced with another of same voltage, similar size and weight, and installed in original location.

2) Any make of ignition coil, condenser, spark plugs, fuses, relays and regulators of original type may be used.

3) Any battery ignition system may be used.

D. **Engine and Drive Train**

1) Engine and drive train must be as produced in combination with body and chassis of each recognized make and model. Except where these rules allow modifications or substitutions, all components must be mounted in standard locations, conform to standard dimensions, with no mechanical extension or material added.

2) Cylinder head may be ported and polished; however, inlet and exhaust port sizes at the manifold face may not exceed the dimensions specified for the model engine concerned.

3) Engine may be clearanced (blueprinted) and balanced.

4) Pistons and piston rings are free.

5) The valve train, consisting of camshaft, lifters, followers, pushrods, springs, keepers, retainers and valves are free; however, their basic type and the locations of valves and camshaft(s) may not be changed. (i.e.—solid lifters may not be replaced with roller tappets).

6) Jets may be substituted in the standard carburetor(s) or fuel injection system.

7) Exhaust manifold is free; exhaust emission devices may be removed and any resulting holes plugged.

8) Oil sump and oil pickup may be modified to increase oil capacity and to control surge, but no dry sump system may be used. Standard oil pump must be retained.

9) Vents, breathers and oil filters may be added or substituted, but no oil cooler may be added.

10) Any radiator which will fit the standard location and does not alter the car's appearance may be installed and shrouded.

11) Fuel pumps are free in type, size and number, but if an electric type is used, the car must be equipped with an automatic ignition shut-off device which will function on impact.

12) Axle ratios are limited to those listed for the make and model concerned. Differentials may be modified to produce a limited-slip or locked action.

E. **Non-Standard Components**

The following components may be added or replaced with others of any origin:

— nuts, bolts, screws, washers and other fasteners, including safety wiring
— electrical wiring
— gaskets and seals
— fuel and brake lines
— any bearings of standard dimensions and type
— drive belts
— bushings

F. **Eligibility**

Class A

Alfa Romeo	Giulia Super	(1570)	OHC
Austin	Mini	(998)	
	Mini-Cooper	(1275)	
	America	(1275)	
Audi	Super 90	(1760)	
	100 LS	(1760)	
BMW	1600	(1573)	OHC
Datsun	1200	(1171)	
	1600	(1585)	OHC
Dodge	Colt	(1600)	OHC
Fiat	850 Sedan	(843)	
	124 Sedan	(1197)	
	124 Sport Coupe	(1438)	
		(1608)	OHC
Ford	Cortina 1600 GT	(1599)	
	Pinto 1.6	(1599)	
Honda	1300	(1298)	OHC
Lancia	Fulvia Berlina GT	(1298)	OHC
	Flavia Berlina	(1800)	
Mazda	1200		(Wankel)
Mercury	Capri 1.6	(1599)	
NSU	1000	(996)	OHC
	1200	(1177)	OHC
Opel	Kadett 1100	(1078)	
	Kadett 1900	(1897)	
Peugeot	304	(1288)	
	404	(1618)	
	504	(1796)	
Plymouth	Cricket	(1500)	
Renault	10	(1289)	
	16	(1565)	
SAAB	96 V-4	(1498)	
Simca	1204	(1200)	
Subaru	1100	(1088)	
Sunbeam	Alpine	(1725)	
Toyota	Corolla	(1077)	
	Corona	(1166)	
		(1858)	

Volkswagen	Beetle 1300, 1500, 1600 Super Beetle 1600 Fastback 1600 411	(1679)	
Volvo	122/124	(1986)	
	142/144	(1986)	

Class B

AMC	Gremlin 232 Hornet 232		
Alfa Romeo	1750 Berlina	(1779)	OHC
BMW	2002	(1990)	OHC
Chevrolet	Vega 2300 Corvair Corsa		OHC
Ford	Pinto 2.0 Maverick 170/200		OHC
Mercury	Capri 2000 Comet 170/200		OHC
Rover	2000, 2000TC		OHC
SAAB	99	(1709)	OHC
Toyota	Corona II	(1858)	OHC

10.5 INTERNATIONAL 100 FORMULA

1. **Definition**—A class of single-seat open-wheel racing cars using approved standard engines of approximately 100 cubic inches displacement, and otherwise restricted in specification to promote low cost of ownership and maintenance.

2. **General Rules**

   A. **Body**

      1) No part of the frame or body may project beyond a plane connecting the vertical centerlines of the front and rear tires.

      2) The driver must be able to enter his seat without the removal or manipulation of any body part or panel.

      3) Wheel protectors may be installed, subject to approval.

      4) Approved roll bar must be installed to protect driver in case of upset. Seamless mild steel tubing minimum 1½"

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D. Passenger seats, seat backs, mats and other such loose gear must be removed.

6. Required Modifications (Continued)

E. Hoods and deck lids must be secured with pins or straps in addition to their normal latches.
F. Steering lock mechanisms must be removed.
G. Headlite bulbs must be protected against breakage or else removed and the socket covered with non-shattering material. Functional wiring must remain installed.
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7. Optional Modifications (Continued)

C. Electrical System
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F. Eligibility

Class A

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				1200 (1177) OHC	
Austin	Mini (998)				
	Mini-Cooper (1275)		Opel	Kadett 1100 (1078)	
	America (1275)			Kadett 1900 (1897)	
Audi	Super 90 (1760)		Peugeot	304 (1288)	
	100 LS (1760)			404 (1618)	
				504 (1796)	
BMW	1600 (1573) OHC				
			Plymouth	Cricket (1500)	
Datsun	1200 (1171)				
	1600 (1585) OHC		Renault	10 (1289)	
				16 (1565)	
Dodge	Colt (1600) OHC				
			SAAB	96 V-4 (1498)	
Fiat	850 Sedan (843)				
	124 Sedan (1197)		Simca	1204 (1200)	
	124 Sport Coupe (1438)(1608) OHC				
			Subaru	1100 (1088)	
Ford	Cortina 1600 GT (1599)				
	Pinto 1.6 (1599)		Sunbeam	Alpine (1725)	
Honda	1300 (1298) OHC				
			Toyota	Corolla (1077) (1166)	
Lancia	Fulvia Berlina GT (1298)OHC			Corona (1858)	
	Elavia Berlina (1800)				
			Volkswagen	Beetle 1300, 1500, 1600	
Mazda	1200 (Wankel)			Super Beetle 1600	
				Fastback 1600	
Mercury	Capri 1.6 (1599)			411 (1679)	
			Volvo	122/124 (1986)	
				142/144 (1986)	

Class B

AMC	Gremlin 232		Mercury	Capri 2000	OHC
	Hornet 232			Comet 170/200	
Alfa Romeo	1750 Berlina (1779)	OHC	Rover	2000, 2000TC	OHC
BMW	2002 (1990)	OHC	SAAB	99 (1709)	OHC
Chevrolet	Vega 2300	OHC	Toyota	Corona II (1858)	OHC
Ford	Pinto 2.0	OHC			
	Maverick 170/200				