



Alpine-Renault A106/A108/A110/A310

as prepared for SVRA Group 1, 3 or 8 competition

Make and Model Supplemental Regulations

Revision Date 11/10/2012

Background and philosophy:

Group One cars must be prepared to 1967 SCCA standards. Similar models prepared to the FIA or other regulations are included and are classified accordingly

Group Three consists mainly of medium displacement sports cars and sedans that represent the 'Golden Age' of club racing in the USA.

Post 1967 cars listed as eligible but must be prepared to 1967 standards. Similar models prepared to the FIA or other regulations are included and are classified accordingly.

Group Eight classes generally follow the SCCA classes of 1973, with some adjustments for cars that were either not recognized by the SCCA or have specifications that significantly changed their relative performance.

Modifications:

As listed in the SVRA General Rules and Regulations, the Supplemental Rules for the make and model, the SVRA Tire Regulations and any period rules that are deemed appropriate

Relevant Documents:

- General Rules and Regulations
- SVRA Group Description and Class List
- SVRA Group Supplemental Regulations
- SVRA Tire Regulations

Notes:

These groups have tire restrictions listed in the SVRA Tire Regulations.



The following cars are covered under these regulations:

- (1955-56) A106 (747cc) OHV inline 4 cyl.
- (1957-62) A108 (845cc, 904cc, 998cc) OHV inline 4 cyl.
- (1963-1977) A110 (956cc, 1108cc, 1149cc, 1470cc and 1605cc) OHV inline 4 cyl.
- (1971-1985) A310 (1565cc) OHV inline 4 cyl.
- (1976-1985) A310/A310 (2664cc) SOHC V6
- (1985-1988) A310GTA (2849cc) SOHC V6

Engines:

- .047" (1.2mm) maximum overbore allowed
- (747cc)...Bore x stroke.....54.5mm x 80mm
- (845cc)...Bore x stroke.....58mm x 80mm
- (904cc)...Bore x stroke.....60mm x 80mm
- (956cc)...Bore x stroke.....65mm x 72mm
- (998cc)...Bore x stroke.....63mm x 80mm
- (1108cc)...Bore x stroke.....72mm x 80mm
- (1255cc) 1300G... Bore x stroke....74.5mm x 72mm
- (1289cc) V85.... Bore x stroke....73mm x 77mm
- (1296cc) 1300S... Bore x stroke....75.7mm x 72mm
- *(1470cc)1500 Bore x stroke....76mm x 81mm
- *(1565cc)1600S... Bore x stroke...77mm x 84mm
- *(1596cc) 1600S... Bore x stroke....77.8mm x 84mm
- *(1605cc).... Bore x stroke.....78mm x 84mm
- *(1647cc) SX...Bore x stroke.....79mm x 84mm
- *(1798cc) Gordini ...Bore x stro.....82.5mm x 84mm
- (2664cc)...Bore x stroke.....unspecified
- Block material.....cast iron or *aluminum
- Head material.....cast iron or aluminum as appropriate

Carburation:

-(1 or 2) Weber DCO or DCOE or similar Solex
- Bosch fuel injection if appropriate

Chassis:

- Rear engine, steel backbone chassis, all independent suspension, swing arms at rear
- (A106/A108):
Fiberglass Coupe, Cabriolet and Berlinette "Tour de France"
- (A310)
Fiberglass 2+2 coupe
- Wheelbase:.....102.4"
- Track dimension:
front.....51.8", +/- 2 rear 51.8, +/- 2"
- Wheels:
(B18).....6" x 15" (B20).....7" x 15"

Suspension : Per Production

- Brakes:
11" Disk front 9" Drum rear

Transmissions:

- Renault 4 or 5-speed, ratios free

Official weight,

- measured without fuel & driver, all tolerances included:
A108 / A110 / A110 (1605)... 1116# / 1205# / 1317#
A310 - (I-4)... 1819# - (V-6)... 2161#
A310GTA.....2261#

SVRA approved options:

- Internal engine parts are free including roller rockers
- Accusump
- Front mounted radiator where appropriate
- MSD type electronic ignition, must be triggered from distributor
- Alfin brake drums
- RT16 TS brakes
- Removal of bumpers
- Removal of turn signals and parking lamps (head and tail lights must remain in place)
- Springs, torsion bars, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct
- A310, factory rear spoiler and front shelf type air dam
- A310GTA, 2458cc turbo charged engine
- if no headlights, add 20# to official weight (Group 1 and 3)
- if no charging system, add 25# to official weight
- Removal of passenger seat, add 20# to official weight (Group 1 and 3)
- Unlisted fiberglass body parts or wheel arch flairs as appropriate

