



# Volvo P1800/1800S/1800E (1961-1973)

as prepared for SVRA Group 1 or 3 competition

## Make and Model Supplemental Regulations

Revision Date 11/10/2012

### Background and philosophy:

**Group One** consists mainly of small displacement sports cars and sedans that represent the 'Golden Age' of club racing in the USA

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

Cars are expected to be prepared to the SCCA standards that were in effect at the end 1967.

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.

### 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:

(1961-67) Volvo P1800/1800S (1778cc) ....[SU carbs] **Group 1FP**.....[dual Weber carbs] **Group 3EP**  
 (1968) Volvo P1800 (1986cc).....[SU carbs] **Group 3EP**.....[dual Weber carbs] **Group 3DP**  
 (1969-71) Volvo P1800E (1986cc).....[SU carbs] **Group 3EP**.....[dual Weber carbs] **Group 3DP**  
 (1971-73) Volvo P1800ES (1986cc)..... [F.I.] **Group 3DP**

### Engines:

.047" (1.2mm) maximum overbore allowed

B18 (1778cc, I-4)

Bore x stroke.....3.313" x 3.15"

B20 (1982cc, I-4)

Bore x stroke.....3.50" x 3.15"

Note:

**Block & head material:**

..... cast iron

**Carburation:**

..... Two S.U. or Stromberg

..... Two Weber

..... Bosch fuel injection if appropriate

### Official weight,

measured without fuel & driver, all tolerances included:

all models 2233 lbs

### Chassis:

Two seat, fixed-roof GT coupe, all-steel body on frame

**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:

B18 engine:

4-speed, overdrive optional, ratios free

3-speed automatic

B20 engine:

5-speed with overdrive, ratios free

### SVRA approved options:

- Internal engine parts are free including roller rockers
- Accusump
- MSD type electronic ignition, must be triggered from distributor
- Single or dual Weber carburetors & manifold
- P1800E & ES; rear disc brakes (10.7" or 11.6")
- Alfin brake drums
- Removal of bumpers
- Rear axle locating Panhard bar
- Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct
- Any other option not already listed that appears on the FIA recognition form
- Removal of turn signals and parking lamps, if no headlights, **add 20# to official weight**
- Substitution of any alternator for the standard generator; if no charging system, **add 25# to official weight**
- Removal of passenger seat, **add 20# to official weight**

**Note:** It is specifically authorized to modify or replace the standard rear axle to obtain a "floater" design.

### Items specifically not allowed by the SVRA:

- Coil over suspension
- Wheel arch flairs
- Crank-fire ignition

