



# Mazda RX 2, 3 (1971-1985) as prepared for SVRA Group 8 competition

## Make and Model Supplemental Regulations Revision Date 11/10/2012

### Eligibility:

Recognized series produced sports cars and sedans in production prior to 1985 and later cars by invitation.

### Background and philosophy:

Group Eight consists mainly of medium displacement sports cars and sedans.

Cars are expected to be prepared to the SCCA standards for 1972 or earlier, even though an individual car or make may have been produced later than 1972.

Group Eight classes generally follow the SCCA classes of 1972, 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 that are appropriate. All competitors are expected to obtain and understand these regulations

### Relevant Documents:

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

### Notes:

This group has tire restrictions listed in the SVRA Tire Regulations.

### The following cars are covered under these regulations:

1971-78 Mazda RX2, RX3 (1146cc)

#### Engines:

Engines: **12A**  
2 rotor rotary piston, lateral inlet port  
SCCA rated capacity, 2292cc

#### Block & head material:

.....aluminum

#### Carburation:

..... Nikki 1.1" Pri., 1.3" Sec. or equivalent

#### Transmissions:

Toyo Kogyo..... 5 speed, ratios free

#### Chassis:

2-door, steel uni-body sports coupe.

**Wheelbase:** .....90"

#### Track dimension:

front..55.3", +/- 2" , rear:.... 54.9", +/- 2"

**Wheels:** .....7" x 13"

#### Suspension :

MacPherson strut w/coil spring; front  
Live rear axle, trailing arms, Watts link, coil springs; rear

**Brakes:**.....8.9" Disc Front 7.9 Drum Rear

#### Official weight, \*Under Review\*

measured without fuel & driver, all tolerances included:

.....2242#

### SVRA approved options:

- Accusump
- MSD type electronic ignition, must be triggered from distributor
- Removal of passenger seat
- Removal of turn signals and parking lamps (head and tail lights must remain in place).
- Peripheral inlet port rotor housing
- Springs, torsion bars, 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
- if no headlights, add 20# to official weight
- no charging system, add 25# to official weight

### Items specifically not allowed by the SVRA:

- Undocumented fiberglass body parts
- Wheel arch flares
- Air dams, spoilers, etc.
- Ducting thru headlight openings
- Crank-fire ignition
- Fabricated front control arms (A-frames)
- Remote reservoir shock absorbers

