

# Corvette C2 (Mid-Year) SVRA Supplemental Regulations

(revised 1/2013)

Chevrolet Corvette Sting Ray (1963-1967)

as prepared for SVRA Group 6 competition

## The following cars are covered under these regulations:

1963-1967 Corvette Sting Ray roadster & fastback coupe (327 CID) B/Production

1965 Corvette Sting Ray roadster & coupe (396 CID) B/Production

1966-1967 Corvette Sting Ray roadster & fastback coupe (427 CID) A/Production

All year models may be updated or backdated within the specifications of a recognized configuration

## Engines:

.060" maximum overbore allowed, **Stroke must remain standard for displacement**

327 CID Bore x stroke.....4.00" x 3.25"

Head & block material.....cast iron (straight plug heads only)

Carburation.....Rochester F.I. (or) One Holley or Carter 4-bbl. or equivalent

396 CID Bore x stroke.....4.09" x 3.76"

Head & block material.....cast iron

Carburation.....One Holley 4 bbl. (1.67" throttle) or equivalent

427 CID Bore x stroke.....4.25" x 3.76"

Head material.....cast iron or aluminum

Block material.....cast iron

Carburation.....One Holley 4 bbl.(1.75" throttle) or equivalent

## Transmissions:

Chevrolet 4-speed.....models M-20, M-21 or M-22

ratios free, except that first gear must not be numerically lower than 2.20

## Chassis:

Fiberglass roadster or coupe body on pressed steel X-member chassis, steel "bird cage" cockpit structure

Coil spring front suspension w/ unequal A-frames, independent rear suspension w/transverse leaf spring

**Wheelbase**.....98"

**Track dimension**, front.....58.9", +/- 2" rear.....59.7", +/- 2"

**Wheels**.....7.5" x 15"

**Brakes**.....11.75" discs F & R

**\*Official weight**, measured without fuel & driver: 327(B/P)...2856# 396 (B/P)...3056# 427 (A/P)...2906#

## SVRA approved options or modifications:

L88 & L89 engine options (no reduction in official weight)

Z06 Drum brakes

J56 brake system (iron calipers only)

Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct

Removal of turn signals, parking lamps, bumpers

Flat plate lip spoiler not to exceed 215 sq. in. and 58.5" width

(This plate should be mounted at approx. 45 degree angle, completely below the hub centerlines and behind the foremost body part)

Flip-up headlights may be converted to fixed type with polycarbonate cover (Sebring/LeMans type)

Windshield may be removed on roadster; must be replaced with suitable racing windscreen

Wheel openings may only be mildly relieved for legal wheel and tire clearance. Contour must appear stock when viewed from the side.

Any 1963-67 hood with appropriate air scoop and vents

Side mounted exhaust system with exit tips behind door openings

Removal of vent windows, side windows and roll-up mechanism

\*After market "offset" or "heavy duty" trailing arms with no change in attachment point location

\*Stock appearing aftermarket heads of correct material and plug location (i.e. Dart, World Products, etc.)

\*Roller type camshaft & roller rocker arms

\*MSD type electronic ignition, must be triggered from distributor

\*Accusump, Barnes internal dry sump or external dry sump

\*Edelbrock Performer RPM intake manifold; p/n 7101, 7161 or 7163, as appropriate

\*Tex/Richmond Super T-10 transmission

\*Polycarbonate windshield and rear window on coupe, side windows may be replaced or removed

\*2-piece rotors of correct diameter (aluminum hat & steel rotor)

\*8.5" American Racing Torq-Thrust D (105 series) wheels

## **SVRA Supplemental Regulations: Corvette C2 (Mid-Year) (continued from page 1)**

### **SVRA approved options or modifications which have weight penalties:**

\*If headlights are removed completely, *add 20# to official weight*

\*Jerico, T101 transmission, 2.20 or higher first gear, *add 150# to official weight*

If no charging system, *add 25# to official weight*

### **Specifically prohibited**

Removal or modification to factory "birdcage" structure except to repair rust damage or install roll cage

Set back or lowered engine

Non-approved intake manifolds (i.e. Victor Jr, etc.)

Fabricated front control arms (A-frames) and non stock appearing fabricated trailing arms

Aluminum brake calipers

Remote reservoir shock absorbers

Computer controlled traction systems

Aluminum cylinder heads on 327 or 396

Unlisted spoilers (i.e. '78 Pace Car)

Stroked Engines of any Displacement

**\*These options are SVRA approved but may not be period correct under SCCA GCR/PCS regulations**