

SVRA Supplemental Regulations: C1 Corvettes

(revised 1/2013)

Chevrolet Corvette (1953-1962) as prepared for SVRA Group 3 or 4 competition

The following cars are covered under these regulations:

- 1953-1954 Corvette (OHV in line 6 cyl. 235 CID)
- 1955-1956 Corvette (V-8, 265 CID)
- 1957-1961 Corvette (V-8, 283 CID)
- 1962 Corvette (V-8, 327 CID)

All years may use any of the engine displacements. Class and minimum weight based on engine used.

Engines: .060 maximum overbore allowed

235 CID Bore x stroke.....	3.56" v 3.937"
Carburetion.....	(3) Carter #3706989
265 CID Bore x stroke.....	3.75" x 3.0"
283 CID Bore x stroke.....	3.875" x 3.0"
327 CID Bore x stroke.....	4.00" x 3.25"
Head & block material.....	cast iron
Carburetion.....	Rochester F.I. or (1 or 2) Holley or Carter 4-bbl. or equivalent

Transmissions: Chevrolet 3 or 4-speed or Powerglide A/T, ratios free Tex/Richmond Super T-10 transmission

Chassis: Fiberglass 2-seat roadster on steel X-frame, live rear axle

Wheelbase	102"
Track dimension front.....	57", +/- 2"
rear.....	59", +/- 2"
Wheels	7" x 15"
Brakes	11" drum F & R

Official weight, measured without fuel & driver, all tolerances included:

235.....2790# 265.....2779# 283.....2681# 327.....2862#

SVRA approved options or modifications:

- Accusump or Barnes internal dry sump
- Edelbrock Performer RPM intake manifold; p/n 7101
- 4-bolt main block (correct bore x stroke)
- Stock appearing aftermarket cast iron, straight plug heads
- Roller-tip rocker arms
- MSD type electronic ignition, must be triggered from distributor
- Rear axle panhard bar and traction bars
- Finned brake drums of larger width, vented flange plates, air scoops and ducts
- *Period disc brake conversion using a production iron caliper. (see weight penalty)
- Factory type outside air intake
- Fast steering adapter
- Cross-flow aluminum radiator
- Removal of windscreen (a suitable racing screen must replace the standard unit)
- Removal of bumpers
- Fiberglass hardtop
- Removal of turn signals and parking lamps (head and tail lights must remain in place)
- Substitution of any alternator for the standard generator
- Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct

SVRA approved options or modifications which have weight penalties:

- Replacing headlight assy. w/closed covers, add 20# to official weight
- Removal of passenger seat, add 20# to official weight
- If no charging system, add 25# to official weight
- *Disc Brakes, add 100# to official weight *Under Review*

Specifically prohibited

- Jerico or other dog gear type transmissions and gears
- External dry sump
- Roller camshaft
- Tires: Aspect ratios lower than 60
- Aluminum cylinder heads