

HSR Supplemental Regulations (GM-5):

Chevrolet Corvair

HSR Group 2 Class S5

(last revised 1/29/21)

Vintage Sedan Category

The following cars are covered under these regulations:

(1960-64) EM/Chevrolet Corvair (145/164cid, ohv, opposed, 6 cylinder)

(1965-69) LM/Chevrolet Corvair (164cid, ohv, opposed, 6 cylinder)

Includes Yenko Stinger running in Sedan Category.



Engines: .047" (1.2mm) maximum overbore allowed

(145cid)	Bore x stroke.....	3.44" x 2.60"
(164cid, 2688cc)	Bore x stroke.....	3.44" x 2.94"
	Block & head material.....	aluminum
	Induction.....	two or four Rochester 1-bbl or turbocharger

Transmissions: Chevrolet transaxle, 4-speed, or Powerglide automatic

Chassis: 2 door sedan, steel unibody

Suspension: Front; stamped steel upper & lower A-arms, coil springs
Rear; semi-trailing arm, swing axle or fully independent, coil springs

Wheelbase.....108"

Track dimension, front.....55", +/- 2"

Track dimension, rear.....57.2", +/- 2"

Wheels.....7" x 13"

Brakes..... **EM 9" drum F/R** LM 9.5" drum F/R

Official weight, measured without fuel & driver, all tolerances included: *Optional **Including Driver** 2200/*2375#

Level 1: Period Correct Specifications and Options (1967 SCCA GCR/PCS)

- Stock crankshaft, connecting rods, rocker arms; may be lightened and balanced
- Stock cylinder heads may be milled, ported and polished
- Camshaft, exhaust system free
- Substitution of any alternator for the standard generator, but not removal
- Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct
- PCS listed gearbox ratios
- Rear axle ratios: 3.27, 3.55, 3.89
- Positraction
- Delco-Moraine power brakes
- Removal of bumpers
- No spoilers or air dams
- Removal of passenger and back seat
- No flares or unlisted alternate body parts
- Factory turbocharger
- Camber compensator (Empi, etc.)
- Removal of turn signals and parking lamps. Head and taillights must remain in place



Level 2: Additional Specifications and Options (HSR-Generally accepted for Vintage Racing)

- Internal engine parts are free including roller rockers
- Accusump, no dry sump
- Transistor or MSD type electronic ignition, must be triggered from distributor
- 390 cfm Holley carb/4-runner manifold**
- Disc brakes: **Single piston GM metric caliper/S-10 vented 10.5" rotor or equivalent.**
- Gearbox and rear axle ratios free
- Fiberglass engine deck lid w/spoiler & adjustable air scoops
- Fitch shock stabilizer set
- Removal headlights
- Lexan or perspex alternate windows & windscreen



Level 3: Additional Specifications and Options (post 1972 SCCA) HSR Group 3

Weber/PMO down draught carbs/manifold

Holley 4bbl carb/6-runner manifold

Factory spec fiberglass body parts

Flat plate spoiler

Modified wheel arches (flares)

15" wheels

Unlimited disc brakes

Specifically prohibited:

Fabricated front control arms (A-frames)

Remote reservoir shock absorbers

Crank-fire ignition

Coil over suspension

