



SPEC CORVETTE

RULES

Updated 2-7-18

Approved by SCCA National

Mandated Spec Corvette specifications

Eligible cars are 1997 to 2004 C5 models base coupe, FRC and Z06

Chassis

- Minimum weight ~~-3250~~ **3200** lbs. (**updated 2-7-18**). • Removal of carpet and insulation, AC/heating, windows, radio, passenger seat, parking brake permissible.

Engine

- Engines must be stock LS6 or LS1
- *** 2017 Season: LS1 slated as benchmark engine power. LS6 will run with restrictor plate to bring power to LS1 level.
- *** Under review for 2018 season. LS1 is upgradeable to LS6 intake, heads, cam and oil pump
- Exhaust manifolds must be stock. Removal of catalytic converters and exhaust after manifolds is open to modification
- Tuning for race gas and use of race gas is not permissible • Katech Tensioner allowed to prevent belt walking. . Stock engine ECU mandatory
- Catch cans permissible
- Z06 oil pan or Improved racing baffle kit recommended P/N EGM-202
- Dyno reports required for each car. All engines are stock LS1. No power or efficiency modifications allowed to LS1 engine for 2017 season
- Removal of non-essential wiring OK
- Bigger radiator, engine, tranny and diff coolers are allowed for ruggedness and reliability

Drive Train

- All components must be stock.
- No changes to OEM differential, clutch, flywheel, torque tube/drive shaft and gear box are allowed
- Driver has choice of MN6 or MN12 manual transmission
- No short shifter modifications allowed, although C6 factory shifter is permissible
- Aftermarket shift knob permissible

Chassis

Alignment settings

Front settings

- camber must be -3.0 maximum (+-.2 variance allowed)
- Toe out 1/16 maximum (+-1/16 variance allowed)
- Caster is -6.5 maximum(+-.5 variance allowed)

Rear settings

- camber must be -1.2 maximum (+-1/16 variance allowed)
- Toe out 3/16 maximum (+-1/16 variance allowed)

Rake and ride height on both sides of the car

- Front ride height just in front of factory metal frame rail jacking point is 4.5"
- Rear ride height just in back of factory metal frame rail jacking point is 4.75"

Shocks

- Shocks are aFe single adjustable coil-overs or identically valved substitutes as pre-approved in these rules.
- OEM monoleaf springs and shocks are permissible, including T1
- A-arm bushings upgradeable to monoball, delrin, or polyurethane.
- OEM rubber bushings in factory A-arms are permissible

Shocks

- aFe SPEC Corvette sway bars, brackets, pillows and end-links
- OEM C5, Z06, and T1 are permissible

Hubs

- SKF racing hubs with ARP extended studs optional
- OEM hubs are permissible, but not advised. OEM hubs are guaranteed to crack at the flange under frequent racing conditions.
- upright options
- Stock C5 uprights
- Stock C6 uprights

Brakes

Official Big Brake kit of SPEC CORVETTE Wilwood Brakes

- Wilwood 6 piston **P/N 140-14557-N** with hose kit **P/N 220-8176**
- Race pad compounds are permissible

Official Race Pads and rotors of SPEC CORVETTE Powerstop

- Powerstop "Trackday" race pads
- Front Pads P/N PST-731
- Rear Pads P/N PST-732
- Front Rotors P/N AR8259XPR-HC
- Rear Rotors P/N AR8261XPR-HC
- Stock C5 or C6 OEM brake calipers allowed
- Upgrade to Z51 rotors and brackets permissible, front and rear
- Race pad compounds are permissible
- Stainless steel brake lines are permissible
- Race brake fluid advised
- For durability and economy a two-piece aftermarket rotor is acceptable as long as it is the same size and a steel rotor (No Carbon!)
- Stainless steel caliper pistons are permissible to upgrade factory C5/C6 calipers
- Aftermarket brake ducting is permissible

Wheels

- Wheels must be 18" diameter and a minimum 10" width and maximum 11" width on all four corners
- OEM rear 10.5" x 18" Z06 Speedlines are permissible
- Wheels must weigh 20 lbs. minimum
- Aftermarket wheel studs and lug nuts OK

Tires

Official Tires of SPEC CORVETTE Falken Tire 615K+

- Tires are 315/30x18 on all four corners
- All vehicles MUST RUN the series specific tire Falken 615K+

Other allowed modifications

Official Hood Vents of SPEC CORVETTE Trackspec Motorsports C5 T1 hood vent kit in specified location

- Trackspec Motorsports 3" rear spoiler
- Change of steering wheel with quick-release

Required equipment

- The safety rules within the SCCA GCR are the over-riding guidelines with regards to safety specifications listed below
- Removal of airbags
- Must comply with GCR Sections 9.3 and 9.4
- 10 lb. fire system mandatory
- Electrical cut-off switch
- FIA race seat, halo protection strongly recommended
- HANS or equivalents
- FIA or SFI harness within date requirements
- Window net required
- Tow hooks front and rear required
- Cage must meet SCCA spec's for T1
- Headlights and wipers must work

Specifically disallowed

- Race gas

Any modifications not specifically approved above are not allowed and will result in likely disqualification. So don't try to get away with unapproved modifications.