

Recommended Items for 2019

The following are proposed rule changes made by the Club Racing Board. These items will be presented to the Board of Directors for approval at their National Convention meeting. Comments, both for and against, should be sent to the Club Racing Board via <http://www.crbcca.com> or www.clubracingboard.com. The CRB recommendations for implementation of these rule changes, if approved, is noted in each letter. The letter number, Fastrack month, author, and title precede each proposed rule.

AS

1. #24929 (August Fastrack - American Sedan Committee) Changes for RP 93-97 and 98-02 Camaro/Firebird

Add to the specification lines Notes for the Chevrolet/Ponitac Camaro and Firebird (93-97) and (98-02) Restricted Prep. Cars:

May use 9.1.6.D.1.I.1. Flywheel/Clutch and 9.1.6.D.3.a.1. Transmission, Full preparation cars only.

2. #24930 (August Fastrack - American Sedan Committee) Changes for All RP Ford Mustang 4.6L

Add to the Notes for the Restricted Prep. Ford Mustang Cobra and GT (96-98) 4.6L

V8: *May use Trick Flow Engine Kit TFS-K519-390-375. May use 9.1.6.D.1.I.1.*

Flywheel/Clutch and 9.1.6.D.3.a.1. Transmission, Full preparation cars only.

Add to the Notes for the Restricted Prep. Ford Mustang Cobra (99-02) 4.6L V8: *May use Trick Flow Engine Kit TFS-K519-390-375. May use 9.1.6.D.1.I.1. Flywheel/Clutch and 9.1.6.D.3.a.1. Transmission, Full preparation cars only.*

Add to the Notes for the Restricted Prep. Ford Mustang GT (99-04) 4.6L V8: *May use Trick Flow Engine Kit TFS-K519-390-375. May use 9.1.6.D.1.I.1. Flywheel/Clutch and 9.1.6.D.3.a.1. Transmission, Full preparation cars only.*

Add to the Notes for the Restricted Prep. Ford Mustang Mach 1 (03-04) 4.6L V8: *May use Trick Flow Engine Kit TFS-K519-390-375. May use 9.1.6.D.1.I.1. Flywheel/Clutch and 9.1.6.D.3.a.1. Transmission, Full preparation cars only.*

Add to the Notes for the Restricted Prep. Ford Mustang Coupe GT (05-10) 4.6L V8: *May use Trick Flow Engine Kit TFS-K519-390-375. May use 9.1.6.D.1.I.1. Flywheel/Clutch and 9.1.6.D.3.a.1. Transmission, Full preparation cars only.*

B-Spec

1. #22599 (April Fastrack - Charles Davis) Alternate Radiators and Allow Removal of Front Sway Bar

Thank you for your letter. The Advisory Committee is not aware of any specific need for alternate radiators in any B Spec car.

Add to section 9.1.10.E36 the following:

36. Suspension: competitors may use the OEM suspension, any part of the manufacturer upgraded suspension kit or the B14 Bilstein shock and strut kit with no modifications except as required for mounting. Adaptors for mounting are permitted for the B14 kit, and these mounting adaptors must be submitted for approval by the CRB. Any spring up to a maximum spring rate of 500 pounds may be used. Competitors must use the OEM bump stops or the bump stops provided in the manufactures kit. Adjustable sway bar end links may be used on all cars. Front sway bars may be disconnected *and removed*.

F5

1. #23870 (April Fastrack - Will Lahee) Request Wing/Spoiler Rule Clarification
Thank you for your letter. Add to 9.1.1.D.9.h.: h. Wings are prohibited. *A single rear spoiler that may be capable of adjustment is permitted. Cockpit adjustment is not permitted. This spoiler shall be no wider than the surface to which it is attached, and there shall be no gap between the spoiler and the body surface to which it is attached.*

2. #23881 (April Fastrack - Eric McRee) Request Change to F500 to Allow Aluminum Rear Axles

Thank you for your request. Add to 9.1.1.D.3.B.: B. Rear driving axle shall be of solid or tubular steel *or 7075-T6 aluminum*.

3. #24841 (August Fastrack - John McFarland) Request for Overbore Piston Sizes
Add the following to GCR Section 9.1.1.D.14:

I. Forged pistons

Only the following forged replacement pistons are permitted:

1. Kawasaki: Wiseco # 2084M06800

Rotax 494: Wiseco # 2381M06950; *Wiseco # 2381M07000 (0.50mm overbore)*

Rotax 493: Wiseco # 2436M06950; *Wiseco # 2436M07000 (0.50mm overbore)*

Rotax 593: Wiseco # 2411M07600

2. Rotax 593 (standard bore): Wiseco # 2411M07600

3. Rotax 593 (0.010" overbore): Rotax P/N 420889171

J. Overbore pistons

"OEM Type" cast replacement pistons as allowed in 9.1.1.D.14.H. are permitted as acceptable substitutes for those listed below. Engines may be overbored as specified by Rotax to allow fitting of specified piston.

1. Rotax 493 engine only: Rotax OEM 0.010" overbore piston (P/N 420888446); *ProX # 01.5400.050 (0.50mm overbore)*.

2. Rotax 494 engine only: Rotax OEM 0.010" overbore piston (P/N 420887556); *ProX # 01.5598.050 (0.50mm overbore).*

3. Rotax 593 engine only: Rotax OEM 0.010" overbore piston (P/N 420889171).

FC

1. #22958 (March Fastrack - Robert Wright) Sequential Gearbox in FC/FF
In GCR section 9.1.1.B.17, make changes as follows:

Transmission

Any transmission may be used with not more than four (4) forward gears and an operational reverse gear. The change gear ratios are unrestricted.

a. The use of an automatic ~~and/or sequentially shifted~~ gearbox is prohibited.

b. Electronic and/or electro-mechanical assisted gear change mechanisms are prohibited.

c. Flat-shift, throttle blip/cut out or any other type of "shift assist" whether electronic or mechanical is prohibited.

d. Paddle shift is prohibited.

e. Shifting shall be through a mechanical linkage only and shall have no electronic sensors attached or configured for any purpose.

~~e. f.~~ Gearboxes with shafts that are transverse to the longitudinal axis of the chassis are not allowed. The sole exceptions are the gearbox final drive (crownwheel) shaft axis and final drive shafts (half shafts).

~~d. g.~~ All change gears must be located in the case aft of the final drive.

In GCR section 9.1.1.B.20.A. and B., make changes as follows:

Weight

A. Formula F

1. Ford Cortina Engine: 1060 lbs.

2. Ford Kent and Honda Fit Engines: 1110 lbs.

3. Cars complying with the English FF rules under the Alternative Allowance Table which exceed the maximum allowable SCCA body width of 95 cm add 25 lbs. *Effective July 1, 2018 all FF cars shall be required to meet the maximum allowed width as described in 9.1.1.B.4.c; at such time this provision (3) shall become null and void.*

4. Cars running with a sequentially shifted gear box shall add 25 lbs. to minimum weight.

B. Formula Continental

1. Pinto Engine: 1200 lbs.
2. Pinto with aluminum cylinder head: 1200 lbs.
3. Zetec Engine: 1200 lbs.

4. Cars running with a sequentially shifted gear box shall add 25 lbs. to minimum weight.

FV

1. #24663 (July Fastrack - Formula/Sports Racing Committee) Disc Brake Minimum Weight

The CRB recommends a minimum weight of 16.5 lbs for the disc brake assembly in FV for 2019.

In letter #22546 (Recommended Rule Changes 2018) add to the 9.1.1.4.D paragraph:

9.1.1.4.D. Front and/or rear brake drums and backing plate assemblies may be replaced with a disc brake conversion assembly as an option. The front spindle/steering knuckle, rear axle, axle tube, bearing housing and bearing retainer/seal assembly must remain per GCR part 9.1.1. A spacer plate or a portion of the rear caliper support may be fitted beneath the bearing retainer to replace the backing plate dimension. Any ferrous alloy, unvented rotor may be used, but must have a maximum diameter of 11.75 in. and a minimum thickness of 0.20 in. The otherwise smooth rotor may have a maximum of three pad cleaning grooves per side. Any ferrous or aluminum alloy caliper and caliper support may be used. The caliper must have no more than four pistons and weigh a minimum of 1.65 lbs. Brake pads are free. Any hub assembly may be used as long as it can be fitted with part 9.1.1. wheels. *The required minimum weight for the complete disc brake assembly is 16.5 lbs. Assembly includes the following: hub assembly - rotor hat, disc, any hat-to-disc mounting hardware (the disc may be in two pieces) - calipers - bearings (for the front) - pads - caliper bracket - assembly hardware (not including the brake assembly to spindle hardware (front) or brake assembly to axle housing (rear) - lugs or studs with nuts.*

P1

1. #23702 (March Fastrack - Formula/Sports Racing Committee) Remove Unused Line From P1 Engine Table

The supercharged engine option has existed in the sports racing classes since the CSR and DSR days, and the CRB and FSRAC know of no competitor seriously attempting to develop a supercharged engine in P1 or any competitor having previously run one in CSR or DSR. The P1 engine table has sufficient engine options for a development class at this time. If a competitor wishes to run a supercharged engine in the future, the P1 rules include a provision for requesting an engine option not currently approved. Any

proposed engine option submitted on this path can be properly classed in the engine table using the SCCA Power Factor.

2. #23963 (April Fastrack - Formula/Sports Racing Committee) Revise P1 Bodywork Rules To Allow Modern Sports Prototype Designs

The P1 bodywork rules should be updated to permit the aerodynamic designs found on modern sports prototypes such as Group CN cars, while continuing to preserve the appearance of sports prototypes by prohibiting the use of cycle fenders on converted open wheel cars.

In GCR Section 9.1.8.C.C., make the following changes:

2. The bodywork as viewed from the side and above shall cover all mechanical components *including suspension* except that the intake, exhaust, tow hooks, jack points, and radiators may be exposed. As viewed from the side, the bodywork shall extend over the full width of the tires for at least one-third (1/3) of their circumference. Ventilation slots are permitted. The tires shall not be seen as viewed from above except through ventilation slots (louvers) provided that the fore/aft opening through which the tire may be seen does not exceed 3/16 inches when viewed from above, rear tires may be exposed as viewed from the rear. Cycle-type fenders (which ~~only~~ cover *only* the tire and are not continuous with the rest of the body) are prohibited. Fenders shall be firmly attached to the bodywork ~~with no gap between body and fender.~~

4. Width: The maximum width shall not exceed 221cm (87 inches) including all aerodynamic devices. However, no portion shall extend more than 10cm (3.9 inches) beyond a plane tangent to the outer face of the front and rear wheels with tires. The minimum body width between the front and rear wheels *as viewed from above* shall ~~not~~ *may* extend inwards beyond a vertical plane connecting the centerlines of the front and rear tires *for a distance of up to 20% of the length of the wheelbase.*

P2

1. #23919 (July Fastrack - Jeff Shafer) Opposes P2 Assisted Shifting In GCR section 9.1.8.D.J.4, clarify as follows:

Shift operation: all gear changes must be initiated and completed by the driver. Only mechanical gear shifting mechanisms are allowed except as ~~allowed~~ *permitted* by Table 1 Spec Line Cars. This may include cables, rods, or other mechanical linkage systems. Assisted shifting of any kind is not allowed on any car except as allowed by Table 1 Spec Line Cars. Any other assisted shifting mechanisms are specifically not allowed. This prohibition is intended to eliminate the use of electric solenoid shifters, air-shifters and other devices not mechanically actuated and controlled completely by the driver. Devices that allow pre-selected gear changes *and closed-loop systems that use feedback from sensors to vary the timing of the gear selection process* are also prohibited.

Devices that interact with the throttle, ignition, or fuel system during a shift operation (for example: ignitions cuts, flat shifters, blippers) are permitted; ~~and~~ *but* no such devices shall remove the driver's control of the gear change initiation, gear selection or

completion. *The burden of proving that a device is in compliance with this rule shall be upon the competitor.*

GT General

1. #24539 (July Fastrack - Grand Touring Committee) Brake Cooling Fans
Add to 9.1.2.F.7.j.3.: 3. Backing plates/dirt shields may be ventilated or removed. Brake air ducts may be fitted within the provisions of these rules. *One brake duct fan per corner may be added.*

GT3

1. #24697 (July Fastrack - Grand Touring Committee) GT3 Turbo introduction into class
The CRB is proposing the addition of turbochargers to the GT3 class for 2019. The GT3 turbo engines have specification lines in two different configurations. They are as follows:

Insert 9.1.2.F.7.h. (below g. Engine, Rotary Piston, then re-number h. Cooling Systems to i. Cooling Systems and similarly below Cooling Systems):

h. Engines, GT3 Turbocharged Built:

- 1. Engines up to 4 cylinders and 1800 cubic centimeters factory displacement are permitted with a single turbocharger. Engines may be prepared in accordance with 9.1.2.f.*
- 2. Turbo inlet restrictors designed per GCR Appendix F Technical Glossary definition of "Turbo Inlet Restrictor" may be required; see GT3 Turbocharged Built Engines Table.. Swapping of turbochargers between engine makes and models is prohibited.*
- 3. All cars shall use the installed engine's stock air throttling device (e.g., throttle body, carburetor) and intake manifold, unless noted otherwise.*
- 4. Compression ratio on spark-ignition engines is limited to 15.0:1.*
- 5. Dry sump systems are permitted. The oil tank shall be located within the bodywork.*
- 6. Factory turbocharged engines must run the stock turbo or any turbo from the following list:*
 - KKK/Borg-Warner K04*
 - IHI VF30, VF39, or VF48*
 - Garrett GT2554R, p/n 471171-3*

i. Engines, GT3 Turbocharged OEM:

- 1. Engines up to 4 cylinders and 2000 cubic centimeters factory displacement are permitted. Engines must remain in their OEM configuration.*
- 2. Turbo inlet restrictors designed per GCR Appendix F Technical Glossary definition of "Turbo Inlet Restrictor" may be required; see GT3 Turbocharged OEM Engine table.*
- 3. Dry sump systems are permitted. The oil tank shall be located within the bodywork.*

GT3 Turbocharged Built Engines:

Engine Displacement	Valves / Cyl.	Restrictor	Weight (lbs)	Notes
<1400 cc	4	33 mm	2100	
1401-1800 cc	4	34 mm	2250	

GT3 Turbocharged OEM Engines:

GTL

- #24642 (August Fastrack - Kyle Disque) Request to Remove
Thank you for your letter. Remove 9.1.2.F.7.i.7.

ITA

- #20142 (August Fastrack - Robert McManus) Floor Pan Modification
Thank you for your request. Add to the Notes on spec lines for the ITA and ITS (1990-2005): *Spec Miata floor pan modifications allowed.*

ITS

- #20167 (July Fastrack - Charles Baader) Allowance to Modify Interior for Driver Comfort and Safety.
Thank you for your request.

Add 9.1.3.D.9.o.:

o. Floor pans and transmission tunnels may be modified to aid in positioning the driver's seat for improved driver comfort and access to controls. The seat mounts may extend no lower than the lowest part of the stock floor pan in the modified area, and no other components of the car may be modified to accommodate this allowance. Modifications may extend no further than 6 inches from the perimeter of the installed seat in any direction. Any resulting holes shall be closed with sheet metal no thinner than stock. This rule is intended to improve driver comfort while sitting no lower than the stock floor, such as notching the tunnel to floor radius to allow the seat to be centered to the steering wheel, and NOT as an allowance for dropped, smoothed, or replaced floor boards other than as needed to accommodate the seat mounting as described.

SM

- #22904 (March Fastrack - John Adamczyk) Request for Revision of GCR Rule: 9.1.7. Spec Miata Bump Stops
Effective 1/1/19, in GCR section 9.1.7.C.3.b, make the following changes:

"All cars ~~may~~ **shall** use the Fat Cat Motorsports *Spec Miata shock mount* bump stop kit (p/n FCM-MT-KIT-SM) *unmodified and in its entirety* ~~or the unmodified Mazda speed bump stop (p/n 0000-04-5993AW)~~ in conjunction with the 1999 - up 2005 stock upper *shock hats* ~~assembly consisting of the upper mount (p/n: NC10-28-340C),~~

the upper mount bushing (p/n: NC10-28-776) and the upper mount washer (p/n: NC10-28-774), and shock body spacer over the shock shaft (p/n 1234-56-789-AW). All other OEM upper mounting hardware shall be discarded. ~~Non-OEM equivalents may be used in place of the upper mount, upper mount bushing, and upper mount washer only. No other modifications are allowed.~~

STU

1. #24500 (July Fastrack - Eric Heinrich) Request Wheel Clarification
In STU, GCR section 9.1.4.1.F.1, make changes to the wheel sizes as follows:

Wheels may not exceed 47 **18** inches in diameter and 8.0 inches in width *for vehicles under 2950 lbs base weight. Vehicles over 2950 base weight may use a 9 inch wide wheel.*

T2

1. #23739 (April Fastrack - Touring Committee) Touring 2 Allow Solid Bushings for Rear Suspension Cradle
Add 9.1.9.2.D.5.c.2.: *2.All T2 cars are allowed to replace OEM rear suspension cradle bushings with an alternate material. The bushing can serve no purpose other than its original intent.*

2. #23804 (April Fastrack - David Hale) Request Specification Line Adjustments
Thank you for your letter. In T2, change the Notes for the 2006-08 BMW Z4M

Factory paddle shifter is permitted. Sway bars permitted. FLMSE46M3T2KIT. Headers allowed. Spring rates up to 1000 lb max. May locate rear spring on shock. AFE 54-115821, Brembo 3K2.8006A F, 2P2.8002A R, OR Alcon 802161106 F, R98B03-01F7DZ R permitted. ~~BMW cold air intake part #8299520 and #8299525 with ducting are permitted.~~ *Evolve cold air kit #E46M3CSL permitted. M3 front lower control arm #3112229453 left, M3 front lower control arm #3112229454 right, May ream upright for installation of larger joint, Alternative rear lower control arm #TSU9940B77.*

3. #23831 (June Fastrack - Stephen Tise) Request Removal of Mustang Heater Core
Change 9.1.9.2.D.3.b.1.
From:

b. Air Conditioners:

~~1. The factory and/or aftermarket air conditioning system may be removed. The compressor may be retained and disabled or may be replaced with an idler pulley that serves no other purpose.~~

To:

b. Air Conditioners **HVAC**:

1. The factory and/or aftermarket air conditioning **and heating** system may be removed, provided that at least the following items associated with the system are also removed:



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compressor, condenser. All duct work, *vents*, wiring, Freon lines, valves, evaporators, dryers, and dash controls may remain. If the air conditioning compressor is an integral part of the drive system, the compressor may be retained and disabled or replaced with an idler pulley that serves no other purpose.

T2-T4

1. #24106 (May Fastrack - Touring Committee) OE Piston
Make the changes below to 9.1.9.2.D.e Block

1. *Any* ~~o~~Overbore up to .020" permitted T2-T4, ~~.010" maximum overbore~~ with +230 lb. penalty. Oversize OEM *equivalent* pistons are required. This allowance does not apply to any car adhering to spec rules.

T3

1. #23941 (May Fastrack - Scotty B White) Request ECO-Boost Brakes
Thank you for your request. Change/Add to the Notes for the Ford Mustang ECO-Boost (2015+)

36mm TIR required. Rear spring relocated to shock allowed. 800lbs springs (F/R) allowed. Track-package *EcoBoost Performance Package* allowed *in part or complete*. Optional: 6 speed automatic transmission (with paddle shifters). Speed Factory Intercooler, part # SF-55-002 permitted. BMR rear upper control arm camber links part #UTCA064 permitted. *Non-EcoBoost Performance Pack base model 320mm front brakes, 2 piston front calipers allowed (-50lbs).*

The below items were approved by the Board of Directors in their January 2018 meeting.

FC

1. #22970 (January Fastrack - Randall Smart) Pinto Longevity Improvement
Thank you for your letter. The CRB recommends this be effective March 1, 2018.

The CRB is working with Quicksilver Racengines with respect to the development of a long rod and piston option for the Pinto engine as well as an alternative carburetor. The following is recommended for 2/1/2018 subject to confirmation of performance via engine dynamometer testing.

Change 9.1.1.15.f: f. Pistons shall be standard Ford Mahle, AE Hepolite, CP, or J&E or *Wiseco*. Pistons must be unmodified in any way except for balancing and as detailed herein.

Add 9.1.1.15.f.6.: *6. Wiseco piston P/N TBD with rings, pin, Crower connecting rod P/N TBD (with bolts), but without bearings: Minimum permitted weight = TBD grams.*

Change 9.1.1.15.h.: h. Full connecting rods may be standard Ford, Cosworth, Oliver, or Crower. The approved Crower part numbers are SP93230B-4 or SP93230PF-4. ~~Any rod bolts may be used. Floating piston pins may be used.~~ Standard rod length must be 5.00 inches (+.005" -.010"). *Alternative Crower connecting rod part number TBD is permitted.*

*It's length must be **TBD** inches (+.005 -.010"). This rod may be used only with Wiseco piston part number **TBD** as provided above. Any rod bolts may be used. Floating piston pins may be used.* Machining is permitted to remove metal from the balancing bosses to achieve balance only. Tuftriding, Parkerizing, shot peening, shot blasting, polishing, etc., are permitted.

Change 9.1.1.15.k.: k. A single carburetor only will be used on a standard inlet manifold. The carburetor will be a Weber 32/36 DGV 26/27mm venturi, its origin being from a 1600 GT "Kent" or 2000 SOHC NE engine. The Holly 5200 32/36 *or Weber 38DGES (27mm venturis)* carburetor may *also* be used; ~~carburetor with the Swaged fuel inlet fittings shall be replaced by drilling and tapping the carburetor body for a threaded fitting.~~ The air cleaner may be removed and a trumpet fitted, ~~and~~ Jets may be changed, both throttles may open together, cold start devices and diffused bar may be removed, internal and external antisurge pipes may be fitted, and seals on emission control carburetors may be removed. The bottom of the lower column portion of the auxiliary venturi may be machined for purposes of high speed enrichment. No other modifications are permitted. Chokes (venturi) shall remain standard and no polishing or profiling is permitted.

FF

1. #23681 (February Fastrack - Steve Bamford) Request Weight Reduction to Euro Spec Card

Change the Alternate Vehicle Allowance as follows:

Car must comply with published English FF regulations (Formula Ford 1600 – Formula Ford Championship of Great Britain: Dated 01/01/2010; Version 1) Article 3 (Bodywork & Dimensions) *except that (effective July 1, 2018) bodywork, rear spoiler(s) and any attached components except for suspension components shall not exceed a maximum width of 95cm (37.40 inches) as per 9.1.1.B.4.c;* Article 13 (Cockpit); Article 15 (Safety Structure); and Appendix A excepting Wheel width, and ground clearance *and (effective July 1, 2018) maximum width as per 9.1.1.B.4.c.* Allowed Engines: 1600cc Ford Kent or 1500cc Honda per SCCA rules. Tires, wheels, transmission, weight and all other items not specifically governed by the aforementioned English rules must comply with current SCCA FF rules. Competitors must have the English FF rules in their possession and present same upon request.

Change 9.1.1.B.20 as follows: 20. Weight A. Formula F

1. Ford Cortina Engine: 1060 lbs.
2. Ford Kent and Honda Fit Engines: 1110 lbs.
3. Cars complying with the English FF rules under the Alternative Allowance Table which exceed the maximum allowable SCCA body width of 95cm add 25lbs. *Effective July 1, 2018 all FF cars shall be required to meet the maximum allowed width as described in 9.1.1.B.4.c.; at such time this provision (3) shall become null and void.*

GCR

1. #21912 (January Fastrack - Frank Todaro) Contact Impound for Regional Racing

SPORTS CAR CLUB OF AMERICA, INC
PO Box 19400, Topeka, KS 66619-0400
(800) 770-2055 Fax (785) 232-7214 www.scca.com

The CRB recommends this become effective March 1, 2018.

Add 6.11.1.E.: *E. If a driver is involved in significant body contact, the driver and car shall stop at the designated incident investigation site for review of the incident by the stewards before going to their paddock area. The designated incident investigation site shall be identified in the Supplemental Regulations and/or a written driver's meeting. "Significant body contact" includes but is not limited to: contact resulting in 2 or 4 wheels off course, spins, loss of position, or repairs to suspension or bodywork.*

2. #23575 (January Fastrack - GCR Committee) Move Specialty Licensing Requirements to the Specialty Manuals

The CRB recommends this change be effective March 1, 2018.

The Divisional Administrator Coordinators and the Executive Stewards are requesting a change in the GCR Licensing Requirement section to address the reality of the status of our ability to staff events and the number of events our worker force is attending per year. This change also allows for specific technical specialty expertise to be recognized for license and upgrade renewals without mandating the number of events that must be attended. Having the upgrade and renewal requirements listed in each of the Specialty Manuals allows flexibility of handling licenses for each of the Specialties. We may have a very proficient race official that can only attend 2-3 events per year and at the same time a weaker skills race official that attends every event a year. Basing the license level purely on attendance does not address this issue.

1.3. Licensing Requirements

A. Only SCCA members may be licensed.

B. License applications are available from Divisional Specialty Administrators, Regional Licensing Chairmen, online at the SCCA official website, and by mail from the SCCA National Office.

C. Except for the Senior License level, all Licenses are for one year, concurrent with the membership term.

~~D. Following the initial year, the renewal minimums are as follows:~~

~~1. Divisional Renewal: Six (6) days at SCCA Sanctioned events in the preceding 12 months.~~

~~2. National Renewal: Eight (8) days at SCCA Sanctioned events in the preceding 12 months.~~

~~3. Senior Renewal: Must be approved by Divisional Administrator and Executive Steward every three (3) years.~~

~~D. The renewal minimums are stated in each of the Specialty Manuals for which you are licensed. you are licensed for. If you do not have a copy of your Specialty Manual, Contact you Divisional Specialty Administrator for a copy.~~

E. Anyone not meeting the participation requirements for his license (upgrade or renewal) is advised to contact his Divisional Specialty Administrator, who may waive requirements.

F. Upgrading to the next level of license is dependent upon the specialty.

G. License Renewal/Upgrade Forms are mailed automatically to license holders in advance of the expiration of the current License.

3. #23577 (January Fastrack - GCR Committee) Change Split Start Procedure to Allow Gap Starts

The CRB recommends this become effective March 1, 2018

The Executive Stewards are requesting that GCR Section 5.12.3.A. and Section 6.5.5. be changed to allow either the Race Director or the Chief Steward to change the Split Start procedures slightly to allow for either use of the GCR defined split start process or what some regions use called a "gap start". The basic difference is the GCR split start calls for two separate Green Flags. The "gap start" calls for the split groups be close to each other and there would be one continuous Green Flag shown to each group. The current GCR wording prevents a continuous Green Flag. All other requirements of the GCR Split Start Section would remain the same.

The procedure for doing both types of split starts will be laid out in the Stewards Manual.

Change the following GCR Sections:

5.12.3. Chief Steward

The Chief Steward is the executive responsible for the general conduct of the event under the GCR and the Supplemental Regulations. He has the powers and the duties set out in this Section, and he may delegate any duties to Assistant Chiefs. See Appendix D, Duties, Authorities, and Responsibilities of the Chief Steward, for specific powers of the Chief Steward.

A. Execution of the Event

The Chief Steward shall:

1. Execute the program of competitions and other activities safely by controlling drivers, their cars, the Officials, and workers from the commencement of activities until the time for protests from the last competition has expired.
2. Determine whether Officials are at their posts and report any absences to the SOM.

3. Ensure that all Officials and workers are provided with necessary information.
4. Collect all reports and other official information to determine the results.
5. Provide any information required to enable the Chairman SOM to prepare the Observer's Report.
6. Authorize a change of driver or car.
7. Forward to the SOM any Chief Steward proposed modifications the schedule of competitions for approval.
8. Prevent an ineligible driver from competing.
9. *Modify the Split Start procedures.*

6.5.5. Split Starts

A. Split starts are recommended when there is a large differential in speed or cornering ability between the classes or categories in a single race group. *The Race Director or the Chief Steward may modify the Split Start procedures.* The procedure for a split start must be explained in the Supplemental Regulations or at a Drivers' Meeting.

There is no need to change GCR Section 5.12.2. Race Director as it points to GCR Section 5.12.3. as having the same powers as the Chief Steward

4. #23586 (Club Racing Board) Change 3.7.4.C
The CRB recommends this change be effective March 1, 2018.

Change in 3.7.4.C.: ~~All Runoffs-eligible classes are invited to the Runoffs.~~ *Club Racing, in consultation with the Club Racing Board, will determine and announce by January 1 the number of Runoffs-eligible classes invited to the next Runoffs consistent with the event format and venue.*

3. #22578 (February Fastrack - GCR Committee) Establish a Medical Review Board
Change 2.5:

2.5. EXECUTIVE STEWARD DRIVER AND OFFICIAL REVIEW

A Divisional Executive Steward may convene a Review Committee in compliance with Section 2.6 to review a driver or official's conduct, car legality, competition record, and/or other matters, *including driver medical condition.* The Review Committee may invoke penalties as specified in Section 7, suspend or change the grade of any license, and/or return a driver to an SCCA Drivers' School. The driver or official has the right to appeal the decision of the Review Committee to the Court of Appeals, as specified in Section 8.4.

The CRB recommends this be effective 3/1/2018.

GT2

1. #23573 (February Fastrack - James Goughary) Request for Aero Spec Changes
Thank you for your letter. The CRB recommends these changes be effective March 1, 2018. Make the following changes to the GCR:

Modify 9.1.2.F.7.b.12: 12. A spoiler may be fitted to the front of the car. It shall not protrude beyond the overall outline of the car as viewed from above except as follows:

~~•GT2: a front splitter may extend up to 3 inches.~~

Modify 9.1.2.F.7.b.13: 13. A spoiler or a Club Racing specified rear wing for ~~GT2 and~~ GT3 may be fitted to the rear of the car. Note: OEM rear spoilers and wings are not permitted unless specifically listed on the vehicle's specification line. If a spoiler is used, it shall be contiguous with the bodywork and shall comply with the following:

A. Height (max): six (6.0) inches (GT-2 & 3) or five (5.0) inches (GT-Lite) measured from the bodywork along the face of the spoiler from the point of attachment to the top of the spoiler. In the case of a spoiler with a curved top edge conforming to the shape of the bodywork (rearview), the measurement is to be made perpendicular to the tangent of the body at the point of attachment. In the case of a spoiler mounted with a vertical mounting flange on the bodywork, the measurement shall be made ignoring any slight amount of mounting flanges (see below) exposed due to the curvature of the rear bodywork at the point of attachment.

If a Club Racing specified wing is used (~~GT2 and~~ GT3 only), it shall comply with the following:

E. A single element, single plane airfoil scaled to a chord length of 10.75 inches. A maximum 0.50 inch Gurney tab is allowed at the trailing edge of the wing element. The tab must be mounted 90 degrees to the upper wing surface. No air may pass between the tab and the wing. The wing end plates must fit within a rectangle measuring 11.00 inches long by 4.00 inches tall. No portion of the wing element or tab may extend beyond the perimeter of the endplate. The endplates must be mounted parallel to the vehicle centerline, and must be perpendicular to the ground. Endplates must be flat, with no curvature or Gurney tabs.

~~–GT2: The maximum width of the entire wing assembly (wing element, endplates, Gurney tab, and mounting hardware) is 68.00 inches, but no wider than the rear body width including fender flares.~~

F. Wing mounting

~~GT2 and~~ GT3: The entire wing assembly must be mounted below the highest point of the roof or roll cage main hoop whichever is higher measured at the highest point.

~~–GT2 and~~ GT3: The trailing edge of the wing assembly must be located within an area not forward of 6" forward of the rear most bodywork and not rearward of the rearmost bodywork. The rearmost bodywork is to be measured at the vehicle centerline.

Add 9.1.2.F.7.b.16.: *16. 2018 GT2 Aerodynamics:*

1. Front Air Dam

a. A front spoiler/air dam may be added. It shall not protrude beyond the overall outline of the body when viewed from above perpendicular to the ground, or aft of the forward most part of the front fender opening.

b. The spoiler/air dam shall be mounted to the body, and may extend no higher than four (4) inches above the horizontal centerline of the front wheel hubs. The air dam shall have no support or reinforcement extending aft of the forward most part of the front fender wheel opening.

c. The minimum ride height of the air dam is 2.0 inches.

d. Openings are permitted for the purposes of ducting air to the brakes, cooler(s), and radiator(s).

2. Undertray

a. An undertray may be added. The undertray may close out the underbody from the leading edge of the approved bodywork (including air dam) back to the centerline of the front axle.

b. The minimum ride height of the undertray is 2.0 inches.

3. Splitter

a. Definition: A horizontal, single-plane aerodynamic device attached to the lower front of the vehicle, protruding forward. It is intended to divert air and produce downforce through vertical pressure differential. A splitter shall have no vertical deviations.

b. A front splitter may be added. A maximum of 4 rods or cables may be used to support the front and/or sides of the splitter. No other material(s) may be used external to the body to support the splitter.

c. The front splitter must not extend more than 5.0 inches past the forward most surface of the original or approved bodywork as viewed from above for the entire profile of the splitter.

d. No part of the splitter shall extend laterally any further than the widest point of the outside sidewall of the front tires with the wheels pointed straight ahead.

e. The splitter may have vertical deviations, fences, etc., only if they are part of the production bodywork for street use.

f. The minimum ride height of the front splitter is 2.0 inches.

4. Rear Wing

a. The wing shall be mounted to the trunk/deck lid with 2 mounting brackets. Each mounting bracket shall attach to the wing at a point that is at least 2.0 inches inboard of endplates. The wing, and the portion of the mounting brackets located externally to the trunk/deck lid, may only be reinforced by a diagonal strut having no aerodynamic effect, and/or by affixing the external parts of the brackets to internal parts of the brackets within the trunk/cargo area. The internal parts of the brackets may protrude through the trunk/deck lid to allow the two parts of each bracket to be fastened together.

b. Rear Wing: Wings shall be a single element with a maximum chord length of 12.00 inches, including any wicker.

c. The entire wing assembly may be no wider than the widest part of the car, not including fender flares/lips and mirrors, or a maximum width of 72.0 inches, whichever is the lesser.

d. The entire rear wing assembly, including the end plates and any wicker, shall be mounted level with, or below, the peak of the roof.

e. The trailing edge of the rear wing may be mounted no further rearward than the center of the rearmost part of the approved bodywork.

f. Wing end plates must not exceed 144.0 square inches each.

5. Canards or dive planes are permitted up to 50 square inches (per canard) and two per side (max4). Side fences permitted at a maximum of 0.75" from the canard surface.

6. Flat underbody panels are permitted. Underbody panels may start 12" behind the front wheel openings. A minimum engine opening of 12" front to back and 14" side to side must remain open.

7. An underbody close-out panel(s) may be used in the area behind the rear axle. These panels shall not alter the external appearance of the car when looking from the rear and sides of the car (i.e. we want to have to lay on the ground to see them). If the production car uses underbody trim pieces, the OEM trim pieces may be removed or replaced, but any close-out panel(s) used may not visually hide any more of the mechanical components, when looking from the rear and sides of the car, than the OEM trim pieces do. The close-out panels shall not completely bridge the gap between the rear floor pan area and the rear axle centerline. On rear engine cars, any close-out panels shall not extend any further forward than the rear axle centerline. Cars with a fuel cell, engine, etc. that extend down into external visual range shall fit the close-out panel(s) around the component in such a way that it does not alter the external appearance of the car.

ST

1. #23244 (January Fastrack - Samuel Myers) Allowing the Use of Alternate Rocker Arms

The CRB recommends this change be effective March 1, 2018.

Change 9.1.4.G

6. Rocker arm, lifter, follower, pushrod, valve spring, keeper, retainer, guide, seat, and valve materials are free; Titanium is not permitted, except for retainers or OEM parts. The head and camshaft carrier may be machined to fit valve train components. *Alternate valve train components may be used. Rocker arms may be substituted, i.e. solid may convert to roller. OEM valve head diameter must be maintained.*

STU

1. #23274 (January Fastrack - Eric Thompson) OEM and LKQ Front Bumper Discontinued

Thank you for your letter. The CRB recommends this change be effective March 1, 2018.

Change 9.1.4.C Bodywork

12. The OEM front and rear fascias shall maintain the OEM crushable structure/support. The OEM crushable structure/support may be lightened as long as it is still recognizable as being the OEM crushable structure/support. The bumper shock absorbers may be removed. The OEM front and rear fascias shall be attached at the stock locations. *OEM equivalent fascias may be used, must maintain OEM shape. Replacement fascias may not be made of carbon fiber.*

T2

1. #23068 (January Fastrack - Harley Kaplan) Motor Mounts
The CRB recommends this to be effective March 1, 2018.

Due to member feedback and older parts failing that are hard to replace with new parts, recommend the following change for 2018:

Add 9.1.9.2.D.1.i.7.: *7. Fluid filled motor mounts, fluid filled transmission mounts and fluid filled differential mounts may be replaced with non spherical non-metallic mounts. Mounts that are replaced may serve no other function or provide any other performance improvement or alteration than the original purpose.*

2. #23353 (January Fastrack - Joe Aquilante) Increase Front Wheel Size for 2016/2017 Camaro SS

Thank you for your letter. The CRB recommends this be effective March 1, 2018.
Change the specification line:

Chevrolet Camaro, 1LE (2016-)
Wheels: 18x10 (F) 18 x11 (R) *18 x 11*

T2-T4

1. #23190 (January Fastrack - Raymond Blethen) Fix Car Classifications Rules to match what CRB is doing

Thank you for your letter. The CRB recommends this be effective March 1, 2018.

Clarify T2-T4 car classification:

E. Car Classification

~~These classifications shall be reviewed on an annual basis, and shall be effective as of January 1. Once these classifications have been officially published, no changes or additions shall be made after March 1 of the calendar year.~~ *These classifications shall be reviewed on an annual basis, and shall be effective as of January 1. Once these classifications have been officially published, models and or specified OEM parts not available to the public or valid SCCA club members by March 1 of the calendar year will not be classified for competition until the following calendar year.*

2. #23254 (January Fastrack - Touring Committee) 2018 Rule Recommendation Rear Toe Links

Thank you for your letter. The CRB recommends this be effective March 1, 2018.

Add to 9.1.9.2.D.5.a.1:

1. T2-T4: A maximum of 3.0 degrees of negative chamber is allowed on front and rear suspensions. Strut suspensions may de-camber wheels by the use of eccentric bushings, eccentric bolts (crash bolts) at the strut-to-spindle, and/or by use of slotted adjusters at the top of the strut mounting plate. If upper strut slotted plates are used, they shall be located on existing chassis structure, utilizing the manufacturer's original bolt holes and may not serve as reinforcement for that structure. On other forms of suspension, camber adjustment maybe achieved by the use of shims and/or eccentric bushings. Slotted ball joints on A-arms on double wishbone cars may be used for camber adjustment only. *Adjustable toe links are permitted. Spherical bearings/bushings are not permitted in T2-T4 except for adjustable toe links that may serve no purpose other than adjusting toe angle, unless specifically permitted on the vehicle spec line.*

3. #23536 (January Fastrack - Touring Committee) Clean Up Air Conditioner Section

Thank you for your letter. The CRB recommends this be effective March 1, 2018.

~~Change 9.1.9.2.D.3.b.1: 1.The factory and/or aftermarket air conditioning system may be removed, provided that at least the following items associated with the system are also removed: compressor, condenser, H.D. springs/sway bars, H.D. shocks, larger tires, engine and transmission coolers and cooling fans. All duct work, wiring, Freon lines, valves, evaporators, dryers, and dash controls may remain. If the air conditioning compressor is an integral part of the drive system,~~ *The compressor may be retained and disabled or may be replaced with an idler pulley that serves no other purpose.*

4. #23537 (January Fastrack - Touring Committee) Clean Up Gauges in Touring

Thank you for your letter. The CRB recommends this be effective March 1, 2018.

Change 9.1.9.2.D.9.c.1 1. ~~Water temperature, oil temperature, oil pressure, and boost/vacuum gauges are permitted and shall be securely mounted,~~ *Add-on gauges are permitted* and shall perform no other function other than their primary use or data collection.

5. #23538 (January Fastrack - Touring Committee) Add NACA Duct Language to T2-T4 Thank you for your letter. The CRB recommends this be effective March 1, 2018.

Add 9.1.9.D.9.a.2,b: *b. Both front windows, driver and passenger, shall be down (preferably removed) whenever the vehicle is on track. The OEM window opening on the front doors shall not be filled in with any material, other than the material required to mount a NACA-duct for driver cooling. If used, the NACA-duct shall be mounted in the front, lower, corner of the window opening. The area closed off to mount the NACA-duct shall not exceed 50 square-inches. In rain conditions, a quarter window larger than 50 square-inches may be used in the area normally used to mount the permitted NACA-duct, in an attempt to minimize the amount of water entering the cockpit. Enough open area for the driver to exit in an emergency shall remain open at all times.*

Recommended Item for 2019

The following subjects will be referred to the Board of Directors for approval. Address all comments, both for and against, to the Club Racing Board. It is the BoD's policy to withhold voting on a rules change until there has been input from the membership on the presented rules. Member input is suggested and encouraged. Please send your comments via the form at www.clubracingboard.com.

FV

1. #22456 (October Fastrack - Formula/Sports Racing Committee) Disc Brakes in FV - Member Survey

At the recommendation of the FV Ad Hoc committee, the CRB recommends the option of disc brakes in FV.

Add the following:

9.1.1.4.D. Front and/or rear brake drums and backing plate assemblies may be replaced with a disc brake conversion assembly as an option. The front spindle/steering knuckle, rear axle, axle tube, bearing housing and bearing retainer/seal assembly must remain per GCR part 9.1.1. A spacer plate or a portion of the rear caliper support may be fitted beneath the bearing retainer to replace the backing plate dimension. Any ferrous alloy, unvented rotor may be used, but must have a maximum diameter of 11.75 in. and a minimum thickness of 0.20 in. The otherwise smooth rotor may have a maximum of three pad cleaning grooves per side. Any ferrous or aluminum alloy caliper and caliper support may be used. The caliper must have no more than four pistons and weigh a minimum of 1.65 lbs. Brake pads are free. Any hub assembly may be used as long as it can be fitted with part 9.1.1. wheels.



Recommended Rules Changes (August 2018)

GCR

1. #23751 (April Fastrack - Tom Lamb) Request Changes to 9.3.47. TOWING EYES

Note: The CRB is withdrawing this letter because of member input.

Change 9.3.47: 9.3.47. TOWING EYES

All cars without an exposed roll bar shall have a towing eye or strap, front and rear that does not dangerously protrude *beyond the bodywork outline when viewed from above* when the car is racing, to be used for flat towing or hauling the vehicle. A removable towing eye carried inside the car is not acceptable, except in formula cars and Sports Racing cars. These towing eyes or straps shall be easily accessible without removal or manipulation of bodywork or other panels. Towing eye minimum ID 2 inches.