

EFFECTIVE FIRST DAY OF THE MONTH UNLESS OTHERWISE NOTED

DATE: July 20, 2021

NUMBER: TB 21-08

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

SUBJECT: Errors and Omissions, Competition Adjustments, Clarifications, and Classifications

All changes are effective 8/1/2021. If any day of a race event falls on the first day of the month, the previous month's rules will be in effect for that event only. The new rules will become effective at the conclusion of the race event, unless otherwise noted.

## American Sedan

None.

## B-Spec

None.

## Electric Vehicle

None.

## Formula/Sports Racing

### F5

1. #30871 (Formula/Sports Racing Committee) Clarify allowable assisted shifting systems

In F5, GCR section 9.1.1.D.6.B.4, make changes as follows:

"All gear changes must be initiated and ~~made~~ **completed** by the driver. Only mechanical gear shifting mechanisms are permitted. This may include cables, rods, or other mechanical linkage systems. All other shifting mechanisms are not permitted. This prohibition shall include electric solenoid shifters, air-shifters, ~~etc.~~ **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, 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."*

2. #30976 (Jim Murphy) Request to correct terminology

In F5, GCR section 9.1.1.D.1, change as follows:

"A class for single seat, open wheel, ~~rigid~~ **limited** suspension race cars using either a snowmobile-derived engine and drive components or a 600cc motorcycle engine."

### FA

1. #30822 (Formula/Sports Racing Committee) Move Toyota 1800 to Table 2

In FA Table 2, add the following:

Table 2 (Spec Line Cars)						
Car	Engine	Wheel Width (in) ± .060	Aero	Transmission	Weight	Notes

<i>Ralt RT40, Ralt RT41, Swift 008, and Swift 014 chassis only</i>	<i>Toyota 4A-GE 1800</i>	<i>(F) 10 (R) 14 Min. &amp; 15 Max.</i>	<i>See FA rules</i>	<i>5-speed</i>	<i>1280</i>	
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In FA Table 1, remove the Toyota 4A-GE 1800 line in its entirety.

2. #30939 (Formula/Sports Racing Committee) E&O Swift 016 wheel width reference  
In FA Table 2, Swift 016 2.3 liter Mazda MZR/Ford Duratec spec line, change as follows:  
"(F) 10 (R) 14 Min. & 15 ~~in~~Max."

In FA Table 2, Swift 016 2.5 liter Mazda MZR/Ford Duratec spec line, change as follows:  
"(F) 10 (R) 14 Min. & 15 ~~in~~Max."

## FX

1. #30950 (Robert Wright) Rules Adjustment

In FX Table 1, USF2000 Tube Frame spec line, change the notes as follows:

"Car must comply with FRP MAZDA MZR F2000 Technical Specifications (2018) *found here, <https://www.scca.com/pages/technical-forms-and-downloads>, with the following exceptions.* ~~except that a~~ Any Hoosier radial tire measuring 20.5 x 7.0 x 13 (front) and 22.5.x 8.0 x 13 (rear) may be used. *Spec sealed Dynamics 1640 shock absorbers may be replaced with any shock absorber that complies with the current FC rules. Spec PFC brakes may be replaced with Wilwood Calipers No. 120-13863-N (right) and No. 120-13864-N (left) and Wilwood Pad No. 150-14781K. Spec Mazda spark plugs may be replaced with Bosch spark plug Part No. F 000 KEO P45 7ZB.*"

## P1

1. #30890 (Formula/Sports Racing Committee) Add 1355cc spec line

In P1 engine table, change as follows:

P1 Engine Table						
Spec Line	Engine Series	Max. Displ (cc)	Max. Valves / Cyl.	Req'd Restrictor	Min Weight (lbs)	Notes
<i>C</i>	<i>4 cycle Motorcycle Based</i>	<i>1355</i>	<i>4</i>	<i>None Required</i>	<i>1075</i>	
<i>€ D</i>	4 cycle Motorcycle Based	1455	4	38mm flat plate intake restrictor	1100	<del>FPIR not</del> <i>No restrictor</i> required at 1150 lbs. min. wt. <del>1355cc max. may run without FPIR at 1075 lbs. min. wt.</del>

## P2

1. #30856 (Club Racing Board) F5 P2 Conversion

In P2 Table 1, AMAC, Asteck, Cheetah, Decker, Fox, LeGrand, Converted F5 cars spec line, change the notes as follows:

"Converted F5 cars must *retain suspension compliant with F5 requirements and* meet all P2 non-spec line requirements except minimum width is 55 inches."

2. #30859 (Formula/Sports Racing Committee) Clarify minimum body width requirement

In P2, GCR section 9.1.8.D.D.3, add the following:

"The minimum body width between the front and rear wheels *as viewed from above* shall not extend inwards beyond a vertical plane connecting the centerlines of the front and rear tires."

## SRF

### 1. #30849 (Robey Clark) SRF Wet Tires

In SRF, GCR section 9.1.8.E.1.X.f, make changes as follows:

"Dry:

Front – Hoosier P/N 46340 P185/60ZR13 *SRF*

Rear – Hoosier P/N 46350 P205/60ZR13 SRF

Wet:

Front – Hoosier P/N 46100 P185/60R13 H20

Rear – Hoosier P/N 46105 P205/60R13 H20

*or*

*Front – Hoosier P/N 46100 P185/60R13 W2 (effective Oct. 4, 2021)*

*Rear – Hoosier P/N 46105 P205/60R13 W2 (effective Oct. 4, 2021)"*

### 2. #30961 (Robey Clark) SRF Update Maintenance, Repairs and Seals

In SRF, GCR section 9.1.8.E.1.C, make changes as follows:

"If any ~~official~~ Enterprises seal is broken, by *an Enterprises Customer Service Rep. (CSR) emergency field repair*, accident, or intent, the procedures outlined under ~~C-20,~~ *section 5* shall be followed. Parts with an Enterprises part number having the prefix "10" are considered to be unrestricted, ~~providing~~ *provided* their dimensions are comparable."

In SRF, GCR section 9.1.8.E.1.S, make changes as follows:

"SCCA Enterprises' seals on engine are required for all races *must be present on driveline components in designated locations for all SCCA sanctioned events*. Any competitor who runs *participates in* an event without all proper engine seals in the required locations shall have his engine removed and shipped to Enterprises for testing and sealing after that event *must remove his unsealed component and it must be inspected by a Customer Service Rep. (CSR) or Enterprises. Notation shall be made in the vehicle logbook and seals checked prior to the next event*. The competitor will be responsible for all cost incurred by this procedure. ~~regardless of the findings, and~~ *If the component is found to be out of specification, the competitor is* subject to penalty by the SOM ~~if engine is found to be not as specified.~~"

"SCCA Enterprises' seals are required on all SPEC RACER FORD engines *and transmissions*."

## SRF3

### 1. #30926 (Robey Clark) SADEV-SRF3 Transmission

In SRF, GCR section 9.1.8.E.2.K, make changes to gear ratios as follows:

"Gear Ratios:

*Ford/Mazda OEM 5-Speed:*

1st 3.42 : 1

2nd 1.84 : 1

3rd 1.29 : 1

4th 0.97 : 1

5th 0.77 : 1

Final Drive Ratio: 3.85

*OR*

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**SADEV-SRF3 6-Speed Sequential (beginning Oct. 4, 2021):**

- 1st 3.0000 : 1
- 2nd 2.0667 : 1
- 3rd 1.5556 : 1
- 4th 1.2727 : 1
- 5th 1.0833 : 1
- 6th 0.9200 : 1
- Final Drive Ratio: 3.20"

**GCR**

**GCR**

1. #30317 (Jim Locke) SOC vs Black Flag

In GCR, Appendix F. Technical Glossary, add the following:

*"Stewards of the Course (SOC) – The location on track where incidents are investigated by the stewards, may also be called Black Flag Station."*

2. #30789 (Laurie Sheppard) GCR 8.1.1. (Chief Steward's Action) Has Incorrect Reference

In GCR, Section 8.1.1., change as follows:

~~"8.12.23."~~

**General**

None.

**Grand Touring**

**GT General**

1. #30615 (Butch Kummer) Request to Update GTA Obsolete Part Numbers

In GCR, Section 9.1.2.G.16., change as follows:

~~"0-80541-1"~~ **0-80541-2"**

In GCR, Section 9.1.2.G., Appendix Z 5.a. change as follows:

~~"0-80541-1"~~ **0-80541-2"**

In GCR, TA2 Appendix B.3.4, change as follows:

~~"#6010"~~ **6014X"**

**GT2**

1. #30339 (Keith Kimberly) Request the 04-06 Pontiac GTO WC Car Be Added to the GT2/ST Chart

In GT2/ST, classify World Challenge Pontiac GTO (04-06) as follows:

GT2-ST	Maximum Displacement	Minimum Weight	Restrictor	Notes
<i>04-06 World Challenge Pontiac GTO</i>	<i>6062</i>	<i>3000</i>		<i>Must be prepared to World Challenge Pontiac GTO rules. Competitor must have build rules in their possession.</i>

2. #30973 (Grand Touring Committee) GTX class correction to GT2/ST  
In GTX Spec Lines, eliminate GRULLON line in its entirety.

In GT2/ST, classify GRULLON as follows:

GT2-ST	Maximum Displacement	Minimum Weight	Restrictor	Notes
<i>GRULLON GT</i>	<i>2.0L 2003-2006 Acura K20</i>	<i>2350 lbs.</i>	<i>Unrestricted</i>	<i>Must comply with factory specifications, must have factory spec manual in possession at each event.</i>

## Improved Touring ITS

1. #30376 (Andrew Fox) Request to Move 83-88 Porsche 944 to ITA  
In ITA Spec Lines, classify Porsche 944 (2V) (83-88), as follows:

ITA	Engine Type	Bore x Stroke(mm)/ Displ. (cc)	Weight (lbs)	Notes:
<i>Porsche 944 (2V) (83-88)</i>	<i>4 Cyl SOHC</i>	<i>100.0 x 78.9 2479</i>	<i>2955</i>	

## Legends Car

None.

## Production

1. #30548 (Michael Unger) Request to Allow F22c Engine for 2000-2003 Honda S2000  
In EP Spec Lines, delete Honda S2000 (00-03) and Honda S2000 (04-09) in their entirety.

In EP Spec Lines, classify Honda S2000 as follows:

EP	Prep. Level	Weight (lbs)	Engine Type	Bore x Stroke mm/(in.)	Displ. cc/ (ci) (nominal)	Block Mat'l	Head/PN & Mat'l	Valves IN & EX mm/ (in.)	Carb. No. & Type	Wheel-base mm/(in.)	Track (F/R) mm/(in.)
<i>Honda S2000</i>	<i>2</i>	<i>1997cc: 2450 *2511 **2573  2157cc: 2510 *2573 **2636</i>	<i>4 cyl DOHC</i>	<i>87.0 x 84.0 (3.43 x 3.31)  87.0 x 90.7 (3.43 x 3.57)</i>	<i>1997 (121.9)  2157 (131.6)</i>	<i>Alum</i>	<i>Alum</i>	<i>(I) 36.0 (1.42) (E) 31.0 (1.22)</i>	<i>Fuel Injection</i>	<i>2400 (94.5)</i>	<i>1577 / 1618 (62.1 / 63.7)</i>

Wheels (max)	Trans. Speeds (max)	Brakes Std. (mm/(in.))	Brakes Alt.: mm/(in.)	Fuel Injected Equipped Throttle Body Inside Diameter (mm) +/- .25mm	Notes:

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17 x 8.5 18 x 8	6	(F) 300 (11.8) Vented Disc (R) 282 (11.1) Solid Disc	62	Comp. Ratio limited to 12.0:1. Valve lift limited to .500".
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2. #30873 (Brett Whisenant) Request a review of the S14 240SX in EP.

In EP Spec Lines, Nissan 240-SX S13/S14 (91-98), change as follows:

Weight (lbs):

"~~2600~~2400

\*~~2665~~2460

\*\*~~2730~~2520"

Notes: "Comp. Ratio limited to ~~10.5:1~~12.0:1. Valve lift limited to ~~.450~~500". "

### Spec Miata

1. #30720 (Eric Hill) Request Revision to Rule 9.1.7.8.a

In GCR, Section 9.1.7.8.a.1., change as follows:

"All modifications shall be contained between the transmission tunnel, driver's side rocker, rear bulk- head and no more than ~~24~~29" forward of the rear bulkhead."

### Super Production

None.

### Super Touring

#### STU

1. #30682 (David Mead) Request to Add Honda K23 Spec Line

In STU, classify Honda K23 as follows, effective 1/1/2022:

STU	Maximum Displacement (cc's)	Minimum Weight	Notes
Honda K23	2354	Chart	May use K24 block. Must maintain all K23 internals. Must use K23 cylinder head. Maximum bore of 87mm.

### Touring

#### T1

1. #30934 (Touring Committee) T1 E46 BOP E&O for Letter # 29970

In T1 Spec Lines, BMW E46, E46-M3, E36, E36-M3, Z3, change as follows:

Min Weight: "~~2600~~2700"

Engine Notes: "The 3.4L (87.0 bore x 93.0 stroke) engine is permitted at ~~2650 lbs~~2750 lbs."

#### T2

1. #30933 (Touring Committee) 997.1 EO

In T2 Spec Lines, Porsche 911/ 997.1 (06-08), add to Notes the following:

"Alternate exhaust manifold Cargaphicts **CARP97DFIFKR** allowed."