

DATE: November 2, 2021

NUMBER: TB 21-12

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 12/1/2021. 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

##### FC

1. #31554 (Formula/Sports Racing Committee) Clarify Zetec ECU requirements

In FC, GCR section 9.1.1.B.16.j, change as follows:

"ECU: ~~Either the Pectel T2 ECU or the Performance PE-3 unit ECU is required.~~ *Cars that use the Pectel T2 ECU must have an accessible and operable communications port for a stereo jack; cars that use the PE-3 ECU must have an accessible and operable communications port for an ethernet connection.* The ~~current specification SCCA Club tune-file/map for the Pectel and PE-3 or 2013 Pro map as published by~~ *on the official SCCA website* is required. ~~The SCCA Club and 2013 Pro map are available on the SCCA website.~~ *The PE-3 tune-file/map must be loaded with PE-3 Monitor firmware V3.04.35. Competitors may be required to cycle the master switch to kill the engine at the request of a steward on the grid before a qualifying session or race. Competitors are reminded to ensure that the maps available on the SCCA website are those which are loaded in their respective ECUs for SCCA competitions. Competitors are further reminded that the appropriate sized ZETEC restrictor for SCCA is 1.340."*

##### FE

1. #31524 (Robey Clark) Two FE2 Rule Updates

In FE, GCR section 9.1.1.I.2.F.j, add language as follows:

"Enterprise's windscreen *Only* P/N: WM137000 is allowed *as delivered.*"

In FE, GCR section 9.1.1.I.2.P.c, change as follows:

"Racer's tape may be used to repair crash damage, or as a precautionary means of securing the body *panels or* retaining latches. Crash-damage is defined as having occurred during the current event, and the tape should be of an appropriate color if possible. Taping of body joints *seams* is not allowed."

##### FV

1. #31448 (Chris Cox) Formula V Connecting Rod Replacement

In FV, GCR section 9.1.1.C.5.C.6, add the following:

"Crower part #SP93280B *and Brian Crower Racing Rods part #TBD* ~~is~~ *are* allowed as a direct replacement connecting rods but must meet the same minimum weight requirement as the OEM part."

**P2**

1. #31538 (Formula/Sports Racing Committee) BoP adjustment effective 1-1-22

In P2 Engine Table, Spec Line B.1, change as follows:

P2 Engine Table								
Spec Line	Engine Series	Max. Displ. (cc)	Max Valves / Cyl.	Req'd Restrictor flat plate except as noted	up to 70in width	Min. Weight (Lbs)	Notes	
					70in-78.74in width			
B.1	4 cycle Motorcycle-based Kawasaki, Suzuki, Yamaha, Honda, BMW	1005	4	35mm	2009 and newer Stock Engine <del>1025</del> 1075		No modifications allowed on engines manufactured after 2008 model year.	
					37mm	2008 and older Stock Engine 1025		
					35mm	2008 and older Modified Engine 1075		

2. #31539 (Formula/Sports Racing Committee) E&O clarification of "Control Area" definition

In GCR section 9.1.8.D.E, change as follows:

"This "Control Area" is located within the plan view rectangular area defined by the rear edge of the front tires, ~~and~~ the front edge of the rear tires, and the entire width of the ~~body of the car's~~ *lower surface facing the ground, which includes but is not limited to the floor and any extensions of the floor or aerodynamic attachments to the floor, whether fastened to the bottom or top side of the floor. Vertical structures such as "turning vanes" or "fins" that are attached to the car anywhere within the "Control Area" to enhance aerodynamics are prohibited.*"

**SRF**

1. #31523 (Robey Clark) Three Updates to SRF Rules

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

"Wet:

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

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

*Ground clearance is 2.5" with driver as raced when H20 tires are used.*

or

Front – Hoosier P/N 46100 P185/~~60~~65R13 W2 (effective Oct. 4, 2021)

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

In SRF, GCR section 9.1.8.E.2.H.24, change as follows:

"Air Box: P/N G592230 ~~Mandatory unmodified~~ *As delivered*, except as noted under body work, Air Box floor vent must remain open ~~and un-obstructed.~~"

In SRF, GCR section 9.1.8.E.2.H, add a new section as follows:

*"25. SRF3 Restrictor plate: P/N G301048 As delivered, installed between throttle body and intake manifold. Mandatory Jan. 1, 2022."*

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## GCR

### GCR

1. #31504 (SCCA Staff) Clarify definition of Throttle body in Appendix F

In GCR Appendix F., Technical Glossary, add Throttle Body as follows:

**Throttle Body** - A device mechanically and/or electrically controlled by driver input, located on the intake side of the fuel induction system which regulates the volume of air and/or air fuel mixture flowing into the engine. On Throttle body induction systems all air entering the induction system must pass through the throttle body."

## General

None.

## Grand Touring

### GT3

1. #31525 (Grand Touring Committee) 31032 correction to weight

In GT3 Spec Lines, Engines - Volkswagen, "Fun Cup" Beetle Sealed, change weight as follows:

"~~2060~~1850"

2. #31540 (Grand Touring Committee) Add TCR cars to GT3

In GT3 Spec Lines, classify TCR cars as follows:

<b>GT3-TCR</b>					
<b>Make</b>	<b>Model</b>	<b>Trans</b>	<b>Power Level</b>	<b>Weight (lbs)</b>	<b>Notes</b>
Audi	RS3 LMS (2016-2020)	SEQ	100%	3175	Must use 200 tread wear tires
Audi	RS3 LMS (2016-2020)	DSG	100%	3100	Must use 200 tread wear tires
Honda	Civic Type R (2016-2020)	SEQ	100%	3200	Must use 200 tread wear tires
Hyundai	I30N (2016-2020)	SEQ	100%	3200	Must use 200 tread wear tires
Volkswagen	Golf GTI (2016-2020)	SEQ	100%	3175	Must use 200 tread wear tires
Volkswagen	Golf GTI (2016-2020)	DSG	100%	3100	Must use 200 tread wear tires

## Improved Touring

### ITC

1. #31289 (Matt Wolfe) Request Spec Line for Mazda 2 in ITC

In ITC Spec Lines, classify Mazda2 (10-14), as follows:

<b>ITC</b>	<b>Engine Type</b>	<b>Bore x Stroke(mm)/ Displ. (cc)</b>	<b>Weight (lbs)</b>	<b>Notes:</b>
Mazda Mazda2 10-14	4Cyl	78mm X 83mm	2455	

## Legends Car

None.

## Production

1. #31396 (KEVIN Patterson) 944S2 Restrictor

In EP Spec Lines, Porsche 944S2 (89-91), change Notes as follows:

"Comp. Ratio limited to 12.0:1, Valve lift limited to .500", Dry sump is allowed. 56mm Flat Plate Intake Restrictor is required. *In order to facilitate the installation of the FPR, additional spacers/plates may be added to convert the mating area of the throttle body and the intake manifold into a flat surface. These pieces must maintain the stock 60mm throttle body bore, the FPR must be a separate piece that can be independently removed and measured, and the total thickness of all pieces (including the FPR) cannot add up to more than 1" in thickness.* Can use the stock fuel tank if stock rear bumper and bumper support structure retained."

## Prod General

1. #31527 (Brian Heffron) Classing Clarification for 1986 Toyota Corolla FX16

In HP Spec Lines, delete the Toyota Corolla (84-87) Spec Line in its entirety.

In HP Spec Lines, classify the Toyota Corolla GTS (RWD) (84-87):

HP	Pre p. Level	Weight (lbs)	Engine Type	Bore x Stroke mm/(in.)	Displ. cc/ (ci) (nominal)	Block Mat'l	Head/P N & Mat'l	Valves IN & EX mm/ (in.)	Carb. No. & Type	Wheel-base mm/(in.)	Track (F/R) mm/(in.)
Toyota Corolla GTS (RWD) (84-87)	2	2300 * 2358 ** 2415	4 cyl DOHC	81.2 x 77.0 (3.20 x 3.03)	1586 (96.8)	Iron	Alum	(I) 30.7 (1.21) (E) 25.9 (1.02)	Fuel Injection.	2400 (94.5)	1458 / 1450 (57.4 / 57.1)

Wheels (max)	Trans. Speeds (max)	Brakes Std. (mm/(in.))	Brakes Alt.: mm/(in.)	Fuel Injected Equipped Throttle Body Inside Diameter (mm) +/- .25mm	Notes:
15x7	5	(F) 234 (9.2) Vented Disc (R) 231 (9.1) Solid Disc		46 mm	Comp. Ratio limited to 11.0:1. Valve lift limited to .400".

In HP Spec Lines, classify the Toyota Corolla FX16 (FWD) (87-88):

HP	Pre p. Level	Weight (lbs)	Engine Type	Bore x Stroke mm/(in.)	Displ. cc/ (ci) (nominal)	Block Mat'l	Head/P N & Mat'l	Valves IN & EX mm/ (in.)	Carb. No. & Type	Wheel-base mm/(in.)	Track (F/R) mm/(in.)
Toyota Corolla FX16 (FWD) (87-88)	2	2260 * 2317 ** 2373	4 cyl DOHC	81.2 x 77.0 (3.20 x 3.03)	1586 (96.8)	Iron	Alum	(I) 30.7 (1.21) (E) 25.9 (1.02)	Fuel Injection.	2430 (95.7)	1445 / 1425 (56.9 / 56.1)

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Wheels (max)	Trans. Speeds (max)	Brakes Std. (mm/(in.))	Brakes Alt.: mm/(in.)	Fuel Injected Equipped Throttle Body Inside Diameter (mm) +/- .25mm	Notes:
15x7	5	(F) 243 (9.6) Vented Disc (R) 242 (9.5) Solid Disc		46 mm	Comp. Ratio limited to 11.0:1. Valve lift limited to .400".

## Spec Miata

None.

## Super Production

None.

## Super Touring

None.

## Touring

### T1

1. #31315 (Chris Edens) Turbo Miata Help

In T1 Spec Lines, Mazda MX-5 Miata MazdaSpeed, change Min. Weight as follows:

"~~2350~~2550"

In T1 Spec Lines, Mazda MX-5 Miata MazdaSpeed, change Required Restrictor as follows:

"~~39mm~~42mm"

2. #31528 (Touring Committee) Fix the T1 Corvette heading

In T1 Spec Lines, Chevrolet Corvette Cadillac XLR, add as follows:

"Chevrolet Corvette Cadillac XLR (-2019)"

### T2

1. #31173 (Charlie Peter) Typo for BMW M2 CS Cup 2020

In T2 Spec Lines, BMW M2 CS Cup 2020-, change Brakes (mm) as follows:

"(R) ~~390~~380"

### T3

1. #31371 (James Leithauser) Request to correct model years BMW Z4 M Coupe

In T3 Spec Lines, BMW Z4 M Coupe (2007), change as follows:

"BMW Z4 M Coupe (~~2007~~06-08)"

2. #31563 (Touring Committee) Correct letter the 31327

In T3 Spec Lines, Subaru STI (15-20), change weight as follows:

"~~3200~~3350"

## T4

1. #30958 (Michael Updegraff) Nissan Sentra SE-R Spec. V

In T4 Spec Lines, classify Nissan Sentra SE-R Spec V (2007-2012) as follows:

T4	Bore x Stroke(mm)/ Disp. (cc)	Wheel-base (mm)	Wheel Size(in.)	Tire Size (max)	Gear Ratios	Final Drive	Brakes (mm)	Weight (lbs)	Notes:
<i>Nissan Sentra SE-R Spec V (07-12)</i>	<i>89 x 100 2500</i>	<i>2685</i>	<i>17 x 8</i>	<i>245</i>	<i>3.15, 1.95, 1.39, 1.06, 0.81, 0.63</i>	<i>4.43</i>	<i>(F) 320 (R) 292</i>	<i>3000</i>	<i>Any spring up to 800# allowed Front and rear. Any rear sway bar up to 25mm allowed.</i>

2. #31113 (Josh Smith) Mazda RX-8 Spec Line Suspension Parts

In T4 Spec Lines, Mazda RX-8 Base/R3/Sport/ GT (04-12), change Notes as follows:

"Mazdaspeed radiator #0000-01-8501 allowed. Use of 2009 R3 transmission is permitted with alternate gear ratios as listed. R3 transmission must be paired with the listed alternate final drive. ~~Only Mazdaspeed front sway bar kit #0000-04-8302-AD and Mazdaspeed coil spring kit #QSEA34-01Z allowed. 60mm flat plate restrictor required. Alternate sway bar permitted, Progressive Technologies Part Number: 61-0543 and 62-1152 allowed.~~ OE Rear spoiler allowed #F151-V4- 920F. OE front air dam allowed #F151-V4-900f-BB. *Eibach springs 0000-04-9700-08, 0000-04-9400-07, and 0000-04-9926 allowed. Alternate sway bars allowed max 32mm (f) 19mm (r).*"

3. #31307 (Chi Ho) Diverter Valve Plunger Upgrade

In T4 Spec Lines, BMW 320i (14-15), add to notes the following:

*"GFB T9357 aluminum diverter valve allowed."*

4. #31472 (Oscar Jackson) Adjust Honda FWD in T4 to encourage more Drivetrain Diversity

In T4 Spec Lines, Honda Civic Coupe & Sedan EX-T (16-17) Hatch LX & Sport (2016-), change as follows:

Wheel Size (in.): "17 x ~~7~~8"

Tire Size (max): "~~235~~245"

Add to Notes: "*Front sway bar allowed 29mm max. Rear Sway bar allowed 22mm max.*"

5. #31482 (Touring Committee) Touring 4 BOP adjustments for 2022

In T4 Spec Lines, T4 Mazda MX-5 Miata/Club (16-18), change Notes as follows:

"Factory bolt-in roll bar/ cross member may be removed to facilitate roll cage installation. The following item(s) must remain stock: ~~shock/struts (including mounts), original wheels, and transmission differential~~ - unless specified below."

In T4 Spec Lines, Volkswagen Rabbit 2.5 (08-09), change Weight as follows:

"~~2850~~2675"

In T4 Spec Lines, Ford Mustang V6 (05-10), add to Notes as follows:

"GT 8.8 rear axle assembly with 3.55 final drive allowed with +25lb penalty. *7.5 rear axle assembly with 3.45:1 final drive allowed with +25lb penalty.* Cold Air Intake allowed"

In T4 Spec Lines, Mazda MX-5 / Club Model (06-15), change Weight as follows:

"~~2550~~*2625*"

In T4 Spec Lines, Mazda RX-8 Base/R3/Sport/ GT (04-12), change Weight as follows:

"~~3075~~*3125*"

In T4 Spec Lines, Honda Civic Coupe & Sedan EX-T(16-17)Hatch LX & Sport (2016-), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Honda Civic Si (06-11), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Honda Civic Si (12-13), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Honda Civic Si (14-15), change Wheel Size as follows:

"~~17~~*18* x ~~7~~*8*"

In T4 Spec Lines, Acura RSX/RSX Type-S (02-06), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Chevrolet Cobalt SS, Sport Coupe (06-10, change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Chevrolet Cobalt SS, Sport Coupe (06-10, add ) after date as follows:

"(06-10)"

In T4 Spec Lines, Mazda3 S (04-09), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Mazda3 S (10-13), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Mazda3 (14-18), change Wheel Size as follows:

"~~17~~*18* x ~~7~~*8*"

In T4 Spec Lines, Volkswagen Rabbit 2.5 (06-07), change Wheel Size as follows:

"17 x ~~7~~*8*"

In T4 Spec Lines, Volkswagen Rabbit 2.5 (08-09), change Wheel Size as follows:

"17 x ~~7~~*8*"