

TECHNICAL BULLETIN

DATE: April 20, 2021

NUMBER: TB 22-05

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 5/1/2022. 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

1. #32378 (Kyle Keenan) Request to Remove Part Numbers from Kia/Hyundai Spec Lines

In B-Spec Spec Lines, Hyundai Accent GS Hatchback (13-19), change Notes as follows:

~~"36-39mm flat plate restrictor required. Allow AKSJ03-10-001 Damper Frt Assembly; AKSJ03-20-001 Damper-AST-Rear; KSJ03-20-003 Rear Upper Spring Perch Delrin; KSJ03-20-004 Rear Spring Spacers Aluminum; KSJ03-20-005 Rear Spring Spacer Intermediate; AKSJ03-60-001 Sump Pan Extension. Allow rear torque bar Evilla Motorsports #KR-B1."~~

In B-Spec Spec Lines, Kia Rio 5-door/LX (12-19), change Notes as follows:

~~"36-39mm flat plate restrictor required. Allow AKSJ03-10-001 Damper Frt Assembly; AKSJ03-20-001 Damper-AST-Rear; KSJ03-20-003 Rear Upper Spring Perch Delrin; KSJ03-20-004 Rear Spring Spacers Aluminum; KSJ03-20-005 Rear Spring Spacer Intermediate; AKSJ03-60-001 Sump Pan Extension. Allow rear torque bar Evilla Motorsports #KR-B1."~~

Electric Vehicle

None.

Formula/Sports Racing

FA

1. #32491 (Club Racing Board) Update FR Americas rulebook requirement

In FA Table 2, FR Americas Ligier JS F3 spec line, change as follows:

~~"Car must comply with FR Americas rules. Competitors must have current copies of FIA Formula 3 Regional Technical Regulations"~~
Formula Regional Americas Championship Sporting Regulations, Onroak Automotive Ligier JS F3 Information Manual, and HPD engine-related specifications and instructions in their possession and present them upon request."

2. #32522 (Club Racing Board) Clarify verification of sealed engine compliance

In FA, GCR section 9.1.1.A.2, add a new section as follows:

"e. Engines that are required to be sealed are subject to full inspection by SCCA stewards and/or technical staff. The competitor will be responsible for all costs associated with reassembly and resealing of the engine."

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3. #32523 (Club Racing Board) Clarify Formula Lites and FR Americas sealed engine requirement

In FA Table 2, Formula Lites FL15 spec line, change the notes as follows:

"Engine must be sealed in compliance with Formula Lites requirements. Car must comply with all Formula Lites technical regulations found here:"

In FA Table 2, FR Americas Ligier JS F3 spec line, change the notes as follows:

"Engine must be sealed in compliance with FR Americas or prior F3 Americas requirements. Car must comply with FR Americas rules."

P1

1. #32468 (Club Racing Board) E&O Clarification of Bodywork Rules

In P1, GCR section 9.1.8.B.C.2, add the following:

"Cycle-type fenders ~~(which~~*that* cover only the tire and are not continuous with the rest of the body) *and may thereby permit a view of the ground from above* are prohibited."

In P1, GCR section 9.1.8.B.C.3, add the following:

"As viewed from the side, the outermost surface of body between the front and rear wheel openings *and above the floor* must have a minimum height equal to the height of the front axle centerline."

In P1, GCR section 9.1.8.B.D.1, add the following:

"It is not permitted to duct air through any part of the bodywork for the purpose of providing aerodynamic downforce on the car. *This prohibition includes openings above the front spoiler or splitter that allow air to pass through the front bodywork for the purpose of providing aerodynamic downforce.*"

P2

1. #32469 (Club Racing Board) E&O Clarification of Chassis Construction Requirements

In P2, GCR section 9.1.8.C.A.1, add the following:

"Chassis fully composed of composite structural materials *or chassis partially composed of composite materials that is not capable of rolling on its wheels without the composite materials being installed.*"

In P2, GCR section 9.1.8.C.C.1, add the following:

"Allow for any form of chassis construction except fully composite chassis. *A chassis partially composed of composite materials must satisfy the requirements of section 9.4.5.A, B, C, E, F and be capable of rolling on its wheels without the composite materials being installed.*"

2. #32525 (Formula/Sports Racing Committee) Clean up P2 wording

In P2, GCR section 9.1.8.C, change as follows:

"PROTOTYPE 2 (*P2*) CLASSIFICATION"

In GCR CONTENTS, change as follows:

"PROTOTYPE 2 (*P2*) CLASSIFICATION"

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GCR

1. #32295 (Kevin Kloefer) Tire Warmer Clarification

In Cars and Equipment, GCR Section 9.3.46. TIRE WARMERS, change as follows:

~~"Pre-heating of tires prior to competition by electrically heated covers or similar means is prohibited on the grid."~~ *The use of tire warmers or cooling methods other than natural air convection or conduction is prohibited."*

2. #32296 (SCCA Staff) Update App C 2.8.B, Accepted Equivalent License List

In Appendix C. Licensing and Types, GCR Section 2.8., change the following:

"6. IMSA *Issued License*

7. Midwestern Council of Sports Car Clubs (MCSCC) Full and Novice permit

8. Miller Motorsports Park Racing Association Full Competition License

~~9~~8. NASA Full Competition

~~10~~9. Ontario Region CASC Regional

~~11~~0. Porsche Club of America Full Competition

~~12~~1. SCCA Pro Racing *licenses (F4, FR, Trans Am, FRP)* ~~or SCCA Vintage~~

12. SCCA Vintage

13. Sportscar Vintage Racing Association (SVRA)

14. Vintage Auto Racing Association Full Competition

16. Waterford Hills Road Racing Club Full and Novice permit

17. West Canada Motorsport Association Amateur

18. Eastern Motor Racing Association (EMRA) Competition License.

19. Atlantic Region Motor Sports (ARMS) Regional Competition License

20. Grand American Road Racing Association (Grand-Am)

~~21~~0. Autobahn Country Club Level 1/Level 2

~~22~~. Independent Motorsports Group (IMG)

~~23~~1. Indy Car MX-5 Cup *Issued License*"

3. #32403 (Philip Gott) To Pin or Not to Pin Clip-In Harness Restraints

In Cars and Equipment, GCR Section 9.3.18. DRIVER'S RESTRAINT SYSTEM, add as follows:

"G. Snap-in mounting clips must be pinned to help prevent inadvertent opening of the clip if the manufacturer has provided a hole for such purpose."

4. #32410 (National Staff) GCR Updates - ID's accepted and Official Results

In Penalties, GCR Section 7.5. AMENDMENT OF RESULTS, change as follows:

"Whenever a penalty or correction affects the ~~final~~ *official* results, including when a driver or car is disqualified or reinstated, the SOM shall advance or demote subsequent competitors in the finishing order and advise the Chief of Timing and Scoring of any amendment to the results. *The results must then be labeled "Revised Official Results" and include the revision date and time.*"

In Appendix C. Licensing and Types, GCR Section 2.5.B.2., change as follows:

"Proof of Age: A photocopy of both sides of his State Operator's Permit/Driver's License, government issued identification, passport, or birth certificate."

General

None.

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Grand Touring

GT2

1. #32308 (Richard Gray) Typo in rules for shocks

In GT-2, 3, LITE CATEGORY SPECIFICATIONS, GCR Section 9.1.2.F.7.c.11., change as follows:

"Shock absorbers: It is not permitted to alter the number of shock absorbers. The make of shock absorber *is free* and its points of attachment may be moved."

2. #32424 (Grand Touring Committee) additional response to letters #31898 & 32083

In GT2 Spec Lines, Engines - PORSCHE, add to Notes as follows:

SOHC - 100 x 78.9: "**2V only:** May use Borg Warner EFR 76/70 42mm SIR @2280 lbs. Alt.4 valve head #944 104 013 03"

SOHC - 104 x 78.9: "**2V only:** May use Borg Warner EFR 76/70 42mm SIR @2330 lbs."

SOHC - 95.0 x 70.4: "**2V only:** May use Borg Warner EFR 76/70 42mm SIR @2405 lbs."

GT3

1. #32247 (Grand Touring Committee) wheel size addition

In Grand Touring Category Specifications, GCR Section 9.1.2.F.10.b, change as follows:

"The maximum wheel size for GT3 cars is 15 x 7". *Alternatively: GT3 cars may run up to a maximum 17" x 9" wheel with a weight penalty equal to three (3) percent of the car's weight as listed on the specification line. The maximum vehicle weight shall be rounded to the nearest pound.*

Alternatively, a **Additionally:** Any wheel up to 18" with a maximum tire cross section of 12.0" and a maximum tire diameter of 26.0" may be used with a weight penalty equal to ~~eight~~ **five (5)** percent of the car's weight as listed on the specification line. The minimum vehicle weight shall be rounded to the nearest pound. A maximum brake rotor diameter of 13.0" may be used with alternate wheels. Cars using 15" American Racer 23.5- 10.0-15, bias ply, non-belted tire may do so without the weight penalty."

GTX

1. #31981 (Henry Hill) Add Classification to the accepted Model Table

In GTX Table 4, add a spec line as follows:

Table 4					
Marque	Model	Engine	Restrictor	Min Weight (lbs)	Notes
<i>Wolf</i>	<i>GB08 F1</i>	<i>Ford 52XS V8</i>	<i>NA</i>	<i>1725</i>	<i>Must comply with specifications found here: https://www.scca.com/pages/technical-forms-and-downloads</i>

Attached is PDF document to be uploaded to <https://www.scca.com/pages/technical-forms-and-downloads>

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2. #32254 (Joe Aquilante) Request to classify C7 Corvette Grand Sport IN GTX Misc

In GTX Spec Lines, classify C7 Corvette Grand Sport as follows:

GTX - MISC

Make	Homologation	Model	Restrictor (mm)	Weight (lbs)	Notes
<i>C7 Corvette</i>		<i>Grand Sport</i>	<i>NA</i>	<i>3200</i>	<i>May remove "displacement on demand" valve train system</i>

3. #32511 (Club Racing Board) E&O list of eligible prototypes

In GTX, GCR section 9.1.2.H.B, change as follows:

"10. IMSA GTP (~~1994-1998~~ *1981-1993*)

11. -IMSA Camel Lights (1985-1993)

12. -Le Mans Prototype 1 (1999-2013)

13. -Le Mans Prototype 2 (1999-Present)

14. -Le Mans Prototype 3 (2017-Present)

15. -Le Mans Prototype Challenge (2009-2018)

16. -World Sports Car (1994-1998)

~~11.~~ *17. Vehicles listed in Table 4 below."*

Improved Touring

None.

Legends Car

None.

Production

1. #32370 (Mark Uhlmann) Please Class BMW 128i in EP

In EP Spec Lines, classify the BMW 128i (08-13) 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>BMW 128i (08-13)</i>	<i>2</i>	<i>2700 * 2768 ** 2835</i>	<i>6 cyl DOHC</i>	<i>85.0 x 88.0 (3.35 x 3.46)</i>	<i>2996 (182.8)</i>	<i>Alum</i>	<i>Alum</i>	<i>(I) 34.2 / (1.35) (E) 28.0 / (1.10)</i>	<i>Fuel Injection</i>	<i>2736 / (104.7)</i>	<i>1590 / 1623 (62.6 / 63.9)</i>

Wheels (max)	Trans. Speeds (max)	Brakes Std. (mm/(in.))	Brakes Alt.: mm/(in.)	Fuel Injected Equipped Throttle Body Inside Diameter (mm) +/- .25mm	Notes:
<i>18x8</i>	<i>6</i>	<i>300 / (11.8) Disc 300 / (11.8) Disc</i>		<i>Stock Throttle Body ID</i>	<i>Comp. Ratio limited to 11.0:1. Valve lift limited to .400".</i>

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FP

1. #32398 (STEVE STRICKLAND) Request to classify the 1999-2000 Mazda Protege in FP

In FP Spec Lines, classify the Mazda Protégé ES (99-00) as follows:

FP	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>Mazda Protégé ES (99-00)</i>	<i>2</i>	<i>2150 * 2204 ** 2258</i>	<i>4 cyl DOHC</i>	<i>83.0 x 85.0 (3.27 x 3.62)</i>	<i>1839 (112.2)</i>	<i>Iron</i>	<i>Alum</i>	<i>(I) 31.5 / (1.24) (E) 27.6 / (1.09)</i>	<i>Fuel Injection</i>	<i>2611 / (102.8)</i>	<i>1544 / 1549 (60.8 / 61.0)</i>

Wheels (max)	Trans. Speeds (max)	Brakes Std. (mm/(in.))	Brakes Alt.: mm/(in.)	Fuel Injected Equipped Throttle Body Inside Diameter (mm) +/- .25mm	Notes:
<i>15x7</i>	<i>5</i>	<i>258 / (10.2) Disc 261 / (10.3) Disc</i>		<i>Stock Throttle Body ID</i>	<i>Comp. Ratio limited to 11.0:1. Valve lift limited to .450".</i>

Prod General

1. #32396 (Production Committee) Inconsistency in Body Work Descriptions

In Production Category Specifications, GCR Section 9.1.5.E.9.a.12 change as follows:

"Open cars must remove convertible soft tops and all attaching bracketry and hardware. If the stock windshield is retained, OEM and aftermarket hardtops are allowed. Aftermarket hardtops must retain OEM appearance in all exterior profiles, and carbon fiber construction is not allowed. Any hardtop must be attached by positive fasteners."

Spec Miata

None.

Super Production

None.

Super Touring

STU

1. #32381 (Edwin Soto-Quinones) Opposed to the Proposed STU Weight Chart

In STU, GCR Section 9.1.4.1.H, add the following after weight chart:

"Any STU car that qualified to run 9 inch wheels in 2021, may continue to run 9 inch wheels thru 2022 only."

2. #32414 (Bill Damron) Clarification request for GCR 9.1.4.D.3.a Splitter Definition

In ST Category Specifications, GCR Section 9.1.4.D.3.a, change as follows:

"Definition: A horizontal, single-plane aerodynamic device attached to the lower *rest point of the* 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."

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Touring

T2

1. #32456 (Harley Kaplan) Request BoP E92 torque

In T2 Spec Lines, BMW E92 M3 (08-14), change Notes as follows:

"~~77~~78"

2. #32535 (Touring Committee) Classify Cadillac Blackwing

In T2 Spec Lines, classify Cadillac CT4-V Blackwing (2022+) as follows:

T2	Bore x Stroke(mm)/ Disp. (cc)	Wheel- base (mm)	Max Wheel Size (inch)	Tire Size (max)	Gear Ratios	Final Drive	Brakes (mm)	Weight (lbs)	Notes:
Cadillac CT4-V Blackwing 2022+	94 x 85.6 3564	2776	(f) 18 x 10 (r) 18 x 11	295	MT 2.66, 1.78, 1.30, 1.00, 0.8, 0.63 AT 4.70, 2.99, 2.16, 1.78, 1.53, 1.28, 1.00, 0.85, 0.69, 0.64	MT 3.73 AT 2.85	380 (f) 339 (r)	3800	Suspension and engine components must remain OE or OEM unless noted below: ECU and all other computers must remain unmodified and must utilize OEM programming unless noted below. Carbon Fiber package RPF-PFZ allowed. Rear spring allowed #84004133. eLSD Calibration permitted. THIS CAR DOES NOT QUALIFY FOR SCCA RUNOFFS COMPETITION UNTIL IT HAS BEEN RACED IN AT LEAST 3 SCCA SUPER TOUR EVENTS.

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T2-T4

1. #32452 (Raymond Blethen) Request Alternate Front & Rear Strut/Shock Top Hats

In TOURING (T2-T4) CATEGORY, GCR Section 9.1.9.2.D.5.b.2, add the following:

"f. Cars with an alternative spring allowance are permitted to use performance alternative top hats on shocks and struts. These top hats are permitted to utilize spherical bearings."

T3

1. #31750 (Touring Committee) correct wording

In T3 Spec Lines, Honda Civic Si (2017-), change Notes as follows:

"HPD CAT Delete pipe 18150-F23S-R6; HPD 4th Gear Set 23460-F23S-R6; HPD Differential 41100-F23S-R6; HPD RR Damper Mount 52670-F23S-A6; HPD RR Spring Adjuster 52691-F23S-A6; HPD Adjustable RR Upper Arm 52390-F23S-A6; HPD ABS Modulator 57100-F23S-R6; Alternate grill Custom Tuning FG-CIV16- V3-TR-BK allowed. Any sway bar front/rear up to 30mm allowed. Front springs up to 800lb allowed, rear springs up to 1000lb allowed. 36mm TIR required. Wheels up to 10" wide allowed with 50 lb. penalty. ~~1-piece rotor required.~~"

In T3 Spec Lines, Honda Civic Si (2017-), change Car as follows:

"Honda Civic Si (2017-) (~~Changes effective 03/01/2022~~)"

2. #31999 (John Weisberg) 2005-2008 Porsche Boxster 2.7

In T3 Spec Lines, classify Porsche Boxster Base (2005-2008) as follows:

T3	Bore x Stroke(mm)/ Disp. (cc)	Wheel-base (mm)	Max Wheel Size (inch)	Tire Size (max)	Gear Ratios	Final Drive	Brakes (mm)	Weight (lbs)	Notes:
Porsche Boxster Base (2005-2008)	85.8 x 78 2687	2415	18 X 8	245	3.5, 2.118, 1.429, 1.091, 0.838,	3.556	298 (f) 299 (r)	3000	Alternate exhaust manifold permitted, 966-111-102-05 (left) and 996-111-101-05 (right). Any OEM or aftermarket hardtop permitted that retains the OEM roof silhouette.

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3. #32483 (Kevin Anderson) 2022 Subaru BRZ and Toyota 86 twins

In T3 Spec Lines, Subaru BRZ (2022-), change as follows:

Wheel Size (in.): "18 x 98"

Gear Ratios: "Auto 3.54, 2.06, 1.41, 1.00, 0.71, 0.58

Manual 3.63, 2.19, 1.54, 1.21, 1.00, 0.77"

Final Drive: "Auto 3.91

Manual 4.1"

Notes: "Any spring up to 750 F/R permitted. Front strut tower brace permitted. SPC rear lower control arms permitted. Cold air intake allowed. *Subaru brake parts 26292CA070 & 26292CA060 allowed with 100 lb penalty.*"

In T3 Spec Lines, Toyota 86 (2022-), change as follows:

Wheel Size (in.): "18 x 98"

Gear Ratios: "Auto 3.54, 2.06, 1.41, 1.00, 0.71, 0.58

Manual 3.63, 2.19, 1.54, 1.21, 1.00, 0.77"

Final Drive: "Auto 3.91

Manual 4.1"

Notes: "Any spring up to 750 F/R permitted. Front strut tower brace permitted. SPC rear lower control arms permitted. Cold air intake allowed. *Toyota brake parts SU003-07197 & SU003-07198 allowed with 100 lb penalty.*"

T4

1. #32395 (Michael Ogren) Request to Add Spec Line for 2004-2009 Mazda3 i 2.0

In T4 Spec Lines, Mazda 3 S (04-09), change as follows:

Bore x Stroke(mm)/ Displ. (cc): "87.5 x 94.0 2260 or 87.5 x 83.1 1999"

Weight (lbs): "2.3I 2500, 2.0I 2425"