DATE: April 20, 2024 NUMBER: TB 24-05 FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 5/1/2024. 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.

NOTE: This preliminary version of the Road Racing Technical Bulletin is provided at this time as a service to the membership. These items may be corrected and will not be official until published on the Fastrack page of the scca.com website on or about April 20.

## **American Sedan**

#### AS

1. #35733 (American Sedan Committee) 6th gen Camaro limited prep In AS Spec Lines, classify Chevrolet Camaro 1LE (2016-) as follows:

AS	Wheelbase	Gear Ratios Std. (or Alt.)	Brakes (Max) (in/mm)	Weight (lbs.)	Notes:
Chevrolet Camaro, 1LE (2016-)	110.6	2.66,1.78,1.30,0.74,.5	(F)  345mm x  32mm  Vented  (R) 338mm  x 28mm	275 tire 3600	60mm flat plate restrictor required. Any front 355mm 4 piston caliper and 2-piece rotors permitted. Dry Sump Kit permitted.

2. #35825 (Desi Colon) Chevrolet/Pontiac Camaro & Firebird (82-92) 5.7L V8 LS1 Alum BLK In AS Spec Lines, classify Chevrolet/Pontiac Camaro & Firebird (82-92) 5.7L V-8 LS1 (Aluminum Block, Aluminum Heads) 2 valves per cylinder, as follows:

AS	Wheelbase	Gear Ratios Std. (or Alt.)	Brakes (Max) (in/mm)	Weight (lbs.)	Notes:
Chevrolet/Pontiac	101.0	3.42, 2.28,	13.1 x 1.27	275 Tire	17" max wheel size
Camaro		1.45,1.00 or	disc	3200	Camaro only: To aid cooling, the center of
& Firebird		2.95,			the grill opening (license plate area),
(82-92)		1.94,1.34,			absorbing material, metal bumper in the
5.7L V-8 LS1		1.00, 0.73			resulting open area, and bumper backing
(Aluminum		or3.35, 1.93,			may be removed. OEM-style ball joints with
Block, Aluminum		1.29,1.00,			taller than stock stud lengths are
Heads)		0.61			permitted.
2 valves per cylinder					5.7L LS1:
					GM Performance Parts camshaft Kit P/N-
					19355738 is permitted. Cylinder Bore, 99
					mm; Stroke, 92 mm; Intake Valve Diameter,
					50.8; Exhaust Valve Diameter, 39.4 mm;
					Throttle Body Bore, 75 mm; 65mm
					restrictor plate required, SLP Intake Lid (SLP
					part number 21044 (98-99) and 21045 (00-
					02)) is permitted.
					1-3/4 headers allowed

## 3. #35891 (American Sedan Committee) Full Prep Head

In AS Spec Lines, Chevrolet/Pontiac Camaro & Firebird (82-92), add to Notes the following:

In AS Spec Lines, Chevrolet/Pontiac Camaro & Firebird (93-02), add to Notes the following:

In AS Spec Lines, Chevrolet Camaro (10-15), add to Notes the following:

In AS Spec Lines, Ford Mustang Incl. Cobra & Cobra R (79-93) and Mercury Capri (79-86), add to Notes the following:

In AS Spec Lines, Ford Mustang Including Cobra 94-04, add to Notes the following:

In AS Spec Lines, Ford Mustang GT (05-14), add to Notes the following:

<sup>&</sup>quot;Flo Tek Head part #102-500 are permitted."

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<sup>&</sup>quot;Flo Tek Part # 203-500 are permitted."

<sup>&</sup>quot;Flo Tek Part # 203-500 are permitted."

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### B-Spec/C-Spec

1. #36047 (Club Racing Board) 9.1.10.E.8 B-Spec Wheels

RM 24-03 In GCR Section 9.1.10.E.8., change as follows:

"8. Wheels: All wheels shall be one-piece metal castings or metal two piece welded. Wheels of any offset are permitted provided the tire tread (the portion of the tire that contacts the ground) does not protrude beyond the fender opening when viewed from the top perpendicular to the ground. All four wheels must be the same dimensional offset and does not protrude beyond the fender opening when viewed from the top perpendicular to the ground Wheel spacers and aftermarket wheel studs/bolts are permitted. Wheel bolts may be replaced with studs and nuts. Total offset must be the same left to right for an individual axle but may differ from front to rear.

B-Spec Required wheel/rim diameter is fifteen inches (15"). Maximum wheel/rim width is seven inches (7"). Minimum Wheel/rim weight shall be 13 lbs.

C-Spec Required wheel/rim diameter is seventeen inches (17"). Maximum wheel/rim width is eight inches (8"). Minimum Wheel/rim weight shall be 17 lbs."

#### **B-Spec**

1. #35746 (B-Spec/C-Spec Committee) Delete trim levels/update language for spec lines

In B-Spec Spec Lines, change Model description as follows:

"Chevrolet Sonic 4dr Sedan MT (12-19)"

"Chevrolet Sonic 4dr-Sedan AT (12-19)"

"Chevrolet Sonic 5dr Hatch-Hatchback MT (12-19)"

"Chevrolet Sonic 5dr Hatch Hatchback AT (12-19)"

"Ford Fiesta 5dr-Hatchback (11-19)"

"Ford Fiesta 4dr-Sedan (11-19)"

"Honda Fit MT (07-08)"

"Honda Fit Automatic AT (07-08)"

"Honda Fit MT (09-14)"

"Hyundai Accent GS Hatchback (12-19)"

"Kia Rio 5-door/LX Hatchback (12-19)"

"Nissan Versa <del>S</del> (2020-)"

"Toyota Yaris Hatchback (07-11)"

"Toyota Yaris Hatchback (12-18)"

## C-Spec

1. #35768 (Kent Carter) Errors and Omissions on the C-Spec Spec lines In C-SPEC Spec Lines, Chevrolet Cruze (2010-16), change as follows:

Horsepower/Torque: "138/125"

Notes: "Allow BC Racing Q-06-BR suspension kit or RedShift Q-06-CSPEC."

In C-SPEC Spec Lines, Dodge Dart (2014-16), change as follows:

Horsepower/Torque: "160/148"

Notes: "Allow BC Racing or RedShift Z-06-CSPEC kit."

In C-SPEC Spec Lines, Ford Focus (2012-18), change as follows:

Horsepower/Torque: "160/146"

Notes: "Allow BC Racing E-21-BR or RedShift E-21-CSPEC kit."

In C-SPEC Spec Lines, Honda Civic (2012-15), change as follows:

Horsepower/Torque: "140/128"

Notes: "Allow BC Racing A-58-BR or RedShift A-18-CSPEC kit."

In C-SPEC Spec Lines, Honda Civic (2006-11), change as follows:

Horsepower/Torque: "140/128"

Notes: "Allow BC Racing A-18-BR or RedShift A-58-CSPEC kit."

In C-SPEC Spec Lines, Mazda3i SKYACTIV (2012-13), change as follows:

Horsepower/Torque: "157/148"

Notes: "Allow BC Racing N-03-BR or RedShift N-03-CSPEC kit."

In C-SPEC Spec Lines, Mazda 3i MZR (2010-13), change as follows:

Horsepower/Torque: "148/135"

Notes: "Allow BC Racing N-03-BR or RedShift N-03-CSPEC kit."

In C-SPEC Spec Lines, Toyota Corolla (2007-12), change as follows:

Horsepower/Torque: "132/128"

Notes: 'Allow BC Racing C-02-BR or RedShift C-02-CSPEC kit."

In C-SPEC Spec Lines, Toyota Corolla (2013-18), change as follows:

Horsepower/Torque: "148/129"

Notes: "Allow BC Racing C-24E-BR or RedShift C-24-CSPEC kit."

In C-SPEC Spec Lines, VW Jetta (2011-15), change as follows:

Horsepower/Torque: "115/125"

Notes: "Allowed aftermarket header and cold air intake. Allow RedShift H-43-CSPEC kit."

## **Electric Vehicle**

None.

# Formula/Sports Racing

**P1** 

1. #35907 (Club Racing Board) Update GCR section 9.1.8.B.J.7

In P1, GCR section 9.1.8.B.J.7, change as follows:

"Engines not specified in the table below are not permitted in P1. SCCA does encourages members who wishing to race other engines designs or propulsion systems not listed above, including Diesel internal combustion engines, hybrid or electric drive solutions, below to request consideration on a case—by—case basis via letter to the Club Racing Board at crbscca.com."



#### **P2**

1. #35835 (Bart Wolf) CN Spec ECU

In P2 Engine Table, Spec Line E, change the notes as follows:

"No engine modifications except for dry sump oil system, ECU mapping, and exhaust systemthe following: oil system, ECU, and exhaust are unrestricted."

2. #35900 (Club Racing Board) E&O - Correct FIA Group CN spec line notes

In P2 Table 1, FIA Group CN spec line, change the notes as follows:

"FIA Group CN homologated chassis, brake calipers and discs, hub carriers, and suspension components *are* required. V de V *European Proto* Endurance Series Challenge permitted bodywork, rear diffuser, wing, wheels, and assisted shifting *are* allowed. *Car Ham*ust comply with all other P2 requirements. *Competitors must have copies of FIA Group CN Technical Regulations and V de V <i>European Proto* Endurance Series Challenge Sporting and Technical Regulations in their possession and present them upon requestare available here: https://www.scca.com/pages/technical-forms-and-downloads."

#### **GCR**

1. #35781 (Bruce Beauvais) Accepted Licenses

In Appendix C. Licensing and Types, GCR section 2.8.B.7, add the following:

"Midwestern Council of Sports Car Clubs (MCSCC) Instructor, Full, and Novice permit"

## 2. #35852 (Jonathan Black) SMX Fuel Cell Exemption

In Fuel Cell Specifications, GCR section 9.3.26, add the following:

"All cars must be equipped with a safety fuel cell complying with these specifications, except for Touring, B-Spec, C-Spec, Spec Miata, *Spec MX-5*, Improved Touring, American Sedan restricted prep, production-based Vintage cars, and cars where the stock fuel tank is located between the axle center lines and within the main chassis structure (i.e., frame rails, etc.)."

#### 3. #35858 (SCCA Staff) RM 24-02 9.3.30.1 Flagtronics

In Cars and Equipment, GCR section 9.3.30.1, add the following:

RM 24-02 "All cars competing in the SCCA Runoffs (beginning in 2024) must have a functioning FT200 unit that provides visual notification of changing course conditions to the driver while on track at all times. Driver

notification canmay be made viathrough the FT200 display or through the car's dash via an FT200 CAN Bus connection. It is recommended that the Flagtronics unit be installed with the buttons within the driver's reach while belted in the normal driving position to allow the driver to respond to messages from Race Control in the event of an impact that triggers the Flagtronics impact alert. The unique ID number of the Flagtronics unit shallmust be provided to the SCCA during the event registration process or as defined by the event supplemental regulations."



4. #36003 (SCCA Staff) GCR Page 90 change

In Cars and Equipment, GCR section 9.4.D.4.d, replace photo with image, denote image as Figure 14, and reference as follows: "Cars competing in Improved Touring, Spec Miata, T4, B-Spec, and C-Spec may extend one tube per side from the door bars down to the rocker panel. (Figure 1314) The attachment point may be no larger than 25 square inches and no longer than 8 inches in any direction. The tube must not exceed door bar diameter and thickness. The attachment points must be approximately centered longitudinally in the door openings."

In Cars and Equipment, GCR section 9.4.D.7.b, renumber images as Figures 15 and 16 and reference as follows: "Removable bracing may incorporate connectors of the double-lug, double ear-type, tapered, or muff-type as shown in figures 1415 and 1516. The double-lug type must include a doubler, gusset, or capping arrangement to avoid distortion or excessive strain caused by welding. Double ear-type joints must be fully welded at all the mating surfaces."

#### General

None.

#### **Grand Touring**

#### **GT General**

1. #35009 (Kristofer Olson) Request for Spec Line 1010 Reconsideration In GT2-ST Spec Lines, Acura NSX, change as follows:

Minimum Weight: "27003000" Restrictor: "4345mm TIR"

## GT1

1. #35652 (John Bodnar) Camaro 1993- and 2010-In GCR, Section 9.1.2.E.1.b.3., change as follows: "Camaro (1993-2002)"

#### GT2

1. #35878 (Michael Quattlebaum) Request to Eliminate the FPR from the Corvette (-2013) with LS2 In GT2-ST Spec Lines, Chevrolet Corvette (14-19), change Restrictor as follows: "7880mm flat plate"

#### GT3

1. #35753 (Sam Fouse) Mazda MZR Engines In GT3 Engines-FORD, Duratech, add to Notes as follows: "Hood bulge allowed w/ no openings."

2. #35773 (Robert Stratos) Disenfranchised GT2 Acura RSX to Run GT3 In GT3 Engines -ACURA Spec Lines, K20A, add to Notes as follows: "RSX body only. Disenfranchised GT2\* add 75 lbs."

3. #35885 (Scott Schick) Toyota 4Y Engine Request

In GT3 Engines - TOYOTA, classify 4Y as follows:

#### **GT3 Engines - TOYOTA Engine** Engine Type Bore x Stroke Head Valves / **Fuel Induction** Weight Disp. Notes Family (mm) (CC) Type Cyl. (lbs) **4Y** OHV 91 X 86 2.237 Alum. 2 **Urestricted** 2030 Non-Crossflow

4. #36008 (Grand Touring Committee) GT3 spec lines clean-up In GT3 Cars - TOYOTA, change Model as follows:
"DR86GR86"

5. #36009 (Grand Touring Committee) GT3 Honda spec line clean-up x 2 In GT3 Engines - HONDA Spec Lines, change Engine Family as follows:

"<del>89mm-K20C1</del>"

"<del>1973cc K24</del>"

6. #36010 (Grand Touring Committee) GT3 Mazda spec line clean-up x2 In GT3 Cars - MAZDA Spec Lines, change as follows:

Heading: "4Model" "Unrestricted323"

"<del>2195</del>*626*"

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## GTL

1. #35661 (James Bell) Allow 34 mm chokes for the Datsun 510 In GTL Engines-NISSAN Spec Lines, change L16 (Limited Prep) as follows:

Fuel Induction: "3234mm" Weight: "19502000"

## **Improved Touring**

#### ITS

1. #35968 (Justin Deffenbaugh) Update Spec Line for MX-5 NC In ITS Spec Lines, MX-5 (06-10), change year as follows: "(06-1015)"

## **Legends Car**

None.



#### Production

FP

1. #35876 (Darryl Saylor) Request to Replace CRX Plastic Panels

In FP spec line "Honda CRX / CRX Si (84-87)", add the following wording to the Notes section:

"The plastic **OE** front header/nose body panel, lower rocker side-skirt, and lower door cap panel can be replaced by a replica, which may be constructed of an alternate material, provided its appearance remains stock."

2. #35896 (Production Committee) FP data and parity

In the following FP spec lines, add the following wording to the Notes section:

Acura Integra (90-93)

Acura Integra LS (94-01)

Acura Integra GSR (92-93)

Honda Civic Del Sol VTEC (94-97)

Honda Civic Si (99-00)

"55mm Flat Plate Intake Restrictor is required."

1. #35875 (Darryl Saylor) Replace plastic panels

In HP spec line "Honda CRX/Si (84-87)", make the following change to the Notes section:

"The *plastic OE* front header/nose body panel, *lower rocker side-skirt, and lower door cap panel* can be replaced by a replica, which may be constructed of an alternate material, provided its appearance remains stock."

## Spec Mazda (SM/SMX)

None.

## **Super Production**

None.

## **Super Touring**

None.

#### **Touring**

T1

1. #35987 (Touring Committee) Please Expedite classing the C63 Mercedes

In T1 Spec Lines, classify Mercedes AMG-C63 S (2023) as follows:

T1	Spec Line Number	Maximum Displ.	Min. Weight	Required Restrictor	Engine Notes	Chassis Notes
Mercedes	1530	4000	3700			
AMG-C63 S						
(2023)						

#### **T2**

1. #35895 (David Newman) Competition Adjustment Request/Wheel Size of E46 In T2 Spec Lines, BMW M3 (01-06), change Max Wheel Size (inch) as follows:

"<del>18 x 9 18 x 10</del>"



#### T2-T4

1. #35761 (David Mead) Allow T4 and T3 RX8 to Disable/Remove Factory Oil Inj. In T3 Spec Lines, Mazda RX-8 Base/R3/Sport/ GT (04-12), add to Notes as follows: "OEM oil injection system may be removed or disabled."

In T4 Spec Lines, Mazda RX-8 Base/R3/Sport/ GT (04-12), add to Notes as follows: "OEM oil injection system may be removed or disabled."

2. #35916 (Scotty B White) Driveshafts In GCR Section 9.1.9.2.D.4.b., add the following:

"6. T2-T3- Driveshafts may be replaced with alternative materials ie. carbon fiber, aluminum, steel. Two-piece driveshafts may be replaced with one-piece units. If non-OEM driveshaft is used, add 25 lbs."

#### **T3**

1. #35918 (Touring Committee) Audi S4 HST requirement In T3 Spec Lines, Audi S4 (00-02), add to Notes as follows:

"\*\*This car is not eligible for the Runoffs until it has competed in 3 Super Tour events.\*\*"

#### TΔ

1. #35837 (Coyote Black) 2023 ND2 Miata Classification and Allowances In T4 Spec Lines, Mazda MX5 Miata/Club/ RF (19-21), change Year as follows: "(19-2124)"

In T4 Spec Lines, Mazda MX5 Miata/Club/ RF (19-21), add to Notes as follows:

"Suspension package permitted with a 100 lbs. weight increase that includes the following parts: front springs #0000-04-9700-08, springs up to 500lb front and 300lb rear allowed. Mazda tower brace 0000-04-5626 allowed."

2. #35851 (Andrew Burke) Errors and Omissions for 06-09 VW Rabbit Rotor In T4 Spec Lines, Volkswagen Rabbit 2.5 (06-09), change Brakes as follows: "(F) 228-288 Vented Disc (R) 260 Solid Disc"

3. #35999 (Touring Committee) GCR ERROR - letter not properly applied to GCR In T4 Spec Lines, 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: transmission differential unless specified below. Retractable hardtop option permitted but must be disabled from moving action and positively fastened. Any OEM or aftermarket hardtop is permitted that retains the OEM roof silhouette, including Mazda hardtop part #0000-07-5902-ND and part #0000-07-5901 (discontinued DG Motorsports). 29mm (f) 16mm (r) sway bars allowed. Suspension package permitted with a 100 lbs. weight increase that includes the following parts: front springs #0000-04-9700-08, rear springs #0000-04-9400-07, helper springs #0000-04-HLPR-EB (optional). Up to 500lb front and 300lb rear springs allowed. Mazda Motorsports Header part #0000-06-5410 allowed. Mazda tower brace 0000-04-5626 allowed."