

TECHNICAL BULLETIN

DATE: December 20, 2020

NUMBER: TB 21-01

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 1/1/2021. 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.

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 December 20.

American Sedan

AS

1. #29514 (Scott Marcero) Request for 2015 -2017 Ford Mustang Spec Line

In AS, Spec Lines, classify the Ford Mustang GT 5.0l (15-17) Restricted Preparation as follows::

AS	Wheel-base	Gear Ratios Std. (or Alt.)	Brakes (Max) (in/mm)	Weight (lbs)	Notes:
<i>Ford Mustang GT 5.0l (15-17) Restricted Preparation</i>	<i>107.0</i>	<i>3.66, 2.43, 1.69, 1.32, 1.00, .65</i>	<i>(14.0/355)</i>	<i>295 tire: 3600</i>	<i>Max. Wheel Size: 18 x 10. Stock brakes or alternate Ford Brembo Brake caliper (Ford Racing Kit #M-2300-S) may be used. 55mm flat plate restrictor required. Rear spring relocation to shock permitted.</i>

2. #29591 (Tom Brown) Request Trunk lid / Rear Hatch clarification

In GCR, Section 9.1.6.D.7.d.4., change as follows:

"Underhood bracing on stock hoods, *trunks, and rear decks* may be modified or removed."

3. #29759 (Dale Cattell) Common Weight for CTS-V Tire

In AS, change Weight (lbs.) (tire sizes are max) as follows:

Cadillac CTS-V (04-07):

"~~275 Tire: 3420~~ 295 Tire: ~~3470~~ *3450*"

Chevrolet Camaro SS (V8) (10-13):

"~~275 Tire: 3550~~"

Dodge Challenger (08-20):

"~~295 Tire: 3500~~ 315 Tire: 3600"

4. #30041 (American Sedan Committee) Correction to specifications inadvertently deleted

In AS, classify the Chevrolet/Pontiac Camaro & Firebird (93-02) as follows:

AS	Wheel-base	Gear Ratios Std. (or Alt.)	Brakes (Max) (in/mm)	Weight (lbs)	Notes:
<i>Chevrolet/Pontiac Camaro & Firebird (93-02)</i>	<i>101.1</i>	<i>See 9.1.6.D.3.a.1.a</i>	<i>13.1 x 1.27 Disc</i>	<i>3250 Over 313 CID 3500</i>	<i>Underside of cowl may be modified to facilitate carb installation. The cowl and shock tower sheet metal may be modified to allow the installation of an 82-92 F-body brake booster and master cylinder. Engine/transmission installation procedure as provided by SCCA Road Racing Technical Department shall be utilized. Engine built to A/S Build Sheet specifications with the following: Head Casting #'s: 14101081, 14014416; Port Volume (Max.): 081 casting: 170.00 cc IN/65.00 EX; 416 Casting 168.00cc IN/60.00 EX with a 200 lb weight reduction. Edelbrock Cylinder Head Part #'s 608979, 608879 are permitted.</i>

In AS, classify the Ford Mustang GT (05-14) as follows:

AS	Wheel-base	Gear Ratios Std. (or Alt.)	Brakes (Max) (in/mm)	Weight (lbs)	Notes:
<i>Ford Mustang GT (05-14)</i>	<i>107.1</i>	<i>See 9.1.6.D.3.a.1.a</i>	<i>13.1 x 1.27 Disc</i>	<i>3350 Over 313 CID 3600</i>	<i>Engine/transmission installation procedure as provided by SCCA Road Racing Technical Department shall be utilized. Engine built to A/S Build Sheet specifications with the following: Head Casting #s: F3ZE AA (GT40), F1ZE-AA (GT-40), F77E-AA (GT-40P), Port Volume (Max.): 143.00cc IN/54.00cc EX (GT-40 & GT-40P) with a 200 lb weight reduction. Edelbrock Cylinder Head Part #s 602579, 602479 are permitted.</i>

B-Spec

None.

Formula/Sports Racing

FA

1. #29702 (Tyler Wilson) Request to classify Formula Lites Crawford FL15

In FA Table 2, classify the Formula Lites Crawford FL15 as follows:

Table 2						
Car	Engine	Wheel Width (in) ± .060	Aero	Transmission	Weight	Notes
<i>Formula Lites Crawford FL15</i>	<i>Stock 2.4 Liter Honda K24Z7</i>	<i>(F) 13 x 9 (R) 13 x 10.5</i>	<i>See notes</i>	<i>Hewland FTR 500 6-speed sequential transmission with pneumatic paddle shift system</i>	<i>1325</i>	<i>Car must comply with all Formula Lites technical regulations found here: https://www.scca.com/pages/technical-forms-and-downloads. No engine modifications except dry sump oil system, airbox, and HPG exhaust header. No engine machining allowed. GEMS ECU map must remain original and unmodified. The CRB may require a Flat Plate Intake Restrictor at any time.</i>

FX

1. #29933 (Doris Siebert) Request for Car Classification to Compete in Formula X

In FX, GCR section 9.1.1.J.B, add the following:

"8. 2010–2017 Formula Renault 2.0 – Shall comply with notes in Table 1."

In FX Table 1, classify the 2010–2017 Formula Renault 2.0 as follows:

Table 1						
Car	Engine	Wheel Width (in) ± .060	Aero	Transmission	Weight	Notes
Formula Renault 2.0 (10-17)	2.0 Liter Renault F4R 832	(F) 9 (R) 10	See notes	See notes	1300	<p>Engine must remain sealed. Car must comply with year-specific Formula Renault 2.0 manual, technical regulations, and all applicable bulletins found here: https://www.scca.com/pages/technical-forms-and-downloads. No part of the car may be altered from original Formula Renault 2.0 components, except for necessary repairs that do not affect performance. The CRB may require a Flat Plate Intake Restrictor or reclassify the car at any time.</p> <p>https://sites.google.com/a/renault-sport.com/formule-renault-2-0-en/bulletins-techniques/2017</p> <p>https://sites.google.com/a/renault-sport.com/formule-renault-2-0-en/manuel-d-utilisateur/2017</p>

P1

1. #30038 (Club Racing Board) DP02 Sealed 2ltr Engine Option

In P1 Engine Table, Elan DP02-spec Mazda MZR, change Notes as follows:

"Sealed engine option will be removed effective 4/3/2021.

PX

1. #29796 (JOHN LABRIE) Request to classify Superlite Aero in PX

In PX Table 1, classify the Superlite Aero as follows:

Table 1					
Marque	Model	Engine	Restrictor	Min Weight (lbs)	Notes
Superlite	Aero	Sealed Katech GM LS3 6.2L V8	NA	2180	

GCR

None.

General

None.

Grand Touring

GT2

1. #29742 (Tom Patton) Request change to engine firing order rule

In GT2/ST, Spec Lines, Ford Mustang/ Thunderbird (Boss 302), add to Notes as follows:

"Firing Order is Unrestricted" for this engine."

2. #29833 (Nathan McBride) Request E-46 BMW M3 balance of performance

In GT2/ST, Spec Lines, BMW E46 M3 & E36 / BMW Z3 / BMW 5000cc V8, change weight as follows:

~~"2600~~2500"

3. #30029 (Club Racing Board) GT2-ST CORVETTE CHANGES

In GT2-ST, Spec Lines, classify Chevrolet Corvette (-2013) as follows:

GT2-ST	Maximum Displacement	Minimum Weight	Restrictor	Notes
<i>Chevrolet Corvette (-2013)</i>	<i>L76 5967</i>	<i>3000</i>	<i>73 mm Flat Plate</i>	<i>GM L76. May use the LSX cast iron block with OEM LS2 bore and stroke.</i>

In GT2-ST, Spec Lines, Chevrolet Corvette (-2019), change as follows:

Year: "~~(14-2019)~~"

Restrictor:

L76 5967: "~~70~~73 mm flat plate"

In GT2-ST, Spec Lines, Chevrolet Corvette (-2019), change Min. Weight as follows effective 3/1/2021:

LS2 5967: "~~3000~~3100"

L76 5967: "~~3000~~3100"

6162 w/74mm flat plate: "~~3000~~3100"

6162 w/71mm flat plate: "~~3250~~3300"

6162 w/68mm flat plate: "~~3250~~3300"

7011: "~~3200~~3300"

7011 OEM: "~~3275~~3325"

GTL

1. #29754 (Michael Lewis) Request for Help for Mazda 12A

In GTL Engines - MAZDA, Spec Lines, 12A, change as follows effective 3/1/2021:

Fuel Induction: "~~27~~29mm SIR"

Weight: "~~1950~~2000"

Notes: "~~May use a 28mm SIR plus 175lbs.~~"

2. #29805 (Peter Zekert) Please Add GTL Nissan 1.8L Engine MRA8DE

In GT Engines, classify the MRA8DE as follows:

GT Engines -								
Engine Family	Engine Type	Bore x Stroke (mm)	Disp. (CC)	Head Type	Valves / Cyl.	Fuel Induction	Weight (lbs)	Notes
<i>MRA8DE</i>	<i>DOHC</i>	<i>79.7mm x 90.1mm</i>	<i>1797</i>	<i>Alum. Cross flow</i>	<i>4</i>	<i>22.5mm SIR</i>	<i>2050</i>	

3. #29867 (Grand Touring Committee) Increase 13b SIR size

In GTL, Spec Lines, Engines - MAZDA 13B, change as follows:

Fuel Induction: "~~26~~**28**mm SIR"

Notes: "~~May use a 27mm SIR plus 175lbs.~~"

Improved Touring

None.

Production

1. #29893 (Rich Walke) Alternate Front Brake Rotors and Calipers for EP AH 3000

In EP, Spec Lines, Austin-Healey 3000 Mk. I, II, III, add to Brakes Alt.: mm/(in.) as follows:

"Rear Disc: #H82462 *Front calipers & discs from TR-6 (std. or alt)*"

FP

1. #29963 (Chuck Mathis) Request VW weight break

In FP, make weight changes as follows:

Volkswagen Golf 1.8 (85-92): "~~1950~~**1900**"

Volkswagen Jetta (includes GLI) (82-84): "~~1783~~**1733** ~~1853~~**1803**"

Volkswagen Jetta 1.8 (85-92): "~~1950~~**1900**"

Volkswagen Rabbit (Includes Convertible): "~~1783~~**1733** ~~1853~~**1803**"

Volkswagen Scirocco: "~~1783~~**1733** ~~1853~~**1803**"

Spec Miata

None.

Super Touring

STL

1. #29728 (Tom Fowler) Request for FWD and RWD Parity

In STL, GCR Section 9.1.4.2.H.2, change as follows:

"Rear wheel drive cars with strut front suspension must add ~~3~~**0.5** percent to their baseline STL weight. All other rear wheel drive cars must add ~~5.5~~**2.5** percent to their standard baseline STL weight."

2. #29815 (David Mead) Request to Remove Honda F20C 2% Weight Penalty

In STL Spec Lines, Honda F20C, change Minimum Weight as follows:

"Chart+2%"

3. #30023 (Club Racing Board) Request for FWD and RWD Parity

In STL, Table A, Acura/Honda B16, change Notes as follows:

"54~~53~~mm flat plate restrictor required."

In STL, Table A, Acura/Honda B17, change Notes as follows:

"54~~53~~mm flat plate restrictor required."

In STL, Table A, Acura/Honda B18C1, change Notes as follows:

"54~~53~~mm flat plate restrictor required."

In STL, Table A, Acura/Honda B18C (JDM Type R), B18C5 (USDM Type R), B18C6 (UK and Euro Type R), B18C7 (Australia Type R), change Notes as follows:

"53~~52~~mm flat plate restrictor required."

In STL, Table A, Mazda MZR, change Notes as follows:

"53~~52~~mm flat plate restrictor required."

STU

1. #29333 (Nick Leverone) 13B Rules Adjustment

In STU, remove Spec Line in entirety, Mazda 13B, weight 2300.

In STU, remove Spec Line in entirety, Mazda 13B Bridge Port, weight 2600.

In STU, classify Mazda 13B Street Port as follows:

STU	Maximum Displacement (cc's)	Minimum Weight	Notes
<i>Mazda 13B Street Port</i>	<i>N/A</i>	<i>2400</i>	<i>Allow any dual throttle body/bodies. Chokes must be located within 4" of the throttle butterfly. Auto-type 2bbl choke(s) with any dual-Y manifold.</i>

Touring

T1

1. #29708 (Joe Aquilante) Correct T1 Limited Prep Years

In T1-LP Spec Lines, Chevrolet Corvette Z06 (06-12), change years as follows:

"(06-12~~13~~)"

T2-T4

1. #29523 (Victor Leleu) Request to Classify BMW M2 CS

In T2, classify the BMW M2 CS Cup 2020+ 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:
BMW M2 CS Cup 2020+	84mm x 89.6mm 2979 (cc)	2693mm	10.5 x 18	295	4.81, 2.59, 1.70, 1.28, 1, .84, .67,	4.17	380mm (f) 390mm (r)	3625	As homologated from BMW Motorsports No other changes or touring rule allowances permitted.

2. #29860 (Randall Smart) Request Mustang 8.8 rear axle replacement

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."

3. #29908 (Touring Committee) Cap year range on all 86s

In T3, Spec Lines, Scion FR-S/ Toyota 86, GT (13-20), change Year as follows:

"(13-2021)"

In T3, Spec Lines, Subaru BRZ (13-20), change Year as follows:

"(13-2021)"

In T4, Spec Lines, Subaru BRZ (2017-), change Year as follows:

"(2017-21)"

In T4, Spec Lines, Toyota 86, GT (2017-), change Year as follows:

"(2017-21)"

T3

1. #29710 (Derek Kulach) 350Z Rear Caliper Replacement

In T3, Spec Lines, Nissan 350Z Track/ Touring/ Standard/ Nismo (03-08), add to Notes as follows:

"44011-RC350 rear caliper kit permitted, 43206-SZ350 Right rotor permitted, 43207-SZ350 Left rotor permitted."

In T3, Spec Lines, Nissan 370Z (09-16) / 370Z NISMO Edition (09-13), add to Notes as follows:

"44011-RC350 rear caliper kit permitted, 43206-SZ350 Right rotor permitted, 43207-SZ350 Left rotor permitted."

In T3, Spec Lines, Nissan 350Z Track/ Touring/ Standard/ Nismo (03-08) Spec Z, add to Notes as follows:

"44011-RC350 rear caliper kit permitted, 43206-SZ350 Right rotor permitted, 43207-SZ350 Left rotor permitted."

In T2, Spec Lines, Nissan 350Z Track/ Touring/ Standard/ Nismo (03-08), add to Notes as follows:

"Stillen part #400338 permitted. *44011-RC350 rear caliper kit permitted, 43206-SZ350 Right rotor permitted, 43207-SZ350 Left rotor permitted.* Must conform to all SpecZ 2018 Edition rules. No other touring allowances beyond 2018 SpecZ edition rules or allowances listed here"

2. #30002 (Touring Committee) 2020 T3 Suggested Changes

In T3, Spec Lines, Ford Mustang EcoBoost (2015-), change Weight as follows effective 3/1/2021:

"~~3450~~*3525*"

In T3, Spec Lines, Ford Mustang EcoBoost (2015-), change Notes as follows effective 3/1/2021:

"~~36~~*34*mm"

In T3, Spec Lines, Nissan 350Z Track/ Touring/ Standard/ Nismo (03-08), change Weight as follows:

"DE Motor: ~~3275~~*3250*"

In T3, Spec Lines, Ford Mustang V6 (15-17), change Weight as follows:

"~~3525~~*3475*"

In T3, Spec Lines, Ford Mustang V6 (15-17), change Notes as follows:

"~~55~~*58*mm flat plate restrictor required. Rear spring relocated to shock allowed. 800lbs springs (F/R) allowed. Track package allowed. Optional: 6 speed automatic transmission (with paddle shifters). Sway bars allowed up to 35mm (F) 25mm (R). *Ford Motorsports 6-piston M2300V 380mm brake kit allowed, +100lb or optional 2-piece rotor, 355mm max, Brembo brake kit #M-2300-S allowed.*"

T4

1. #29681 (Tim Wise) Allow the SpecMX-5 Update Kit Into Touring 4 for the MX-5

In T4, Spec Lines, Mazda MX-5 / Club Model (06-15), add to Notes as follows:

"*Mazda Transmission kit part # 0000-02-5700.*"

In T3, Spec Lines, Mazda MX-5 NC (06-15), add to Notes as follows:

"*Mazda Transmission kit part # 0000-02-5700.*"