

DATE: April 20, 2021

NUMBER: TB 21-05

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 5/1/2021. 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 April 20.

American Sedan

None.

B-Spec

None.

Electric Vehicle

None.

Formula/Sports Racing

FA

1. #30447 (Formula/Sports Racing Committee) Correct engine name in Swift 016 2.3 liter spec line

In FA Table 2, Swift 016 2.3 liter spec line, change the engine name as follows:

"2.3 liter Mazda ~~MZR~~/Ford Duratec"

2. #30448 (Formula/Sports Racing Committee) Correct engine name in Swift 016 2.5 liter spec line

In FA Table 2, Swift 016 2.5 liter spec line, change the engine name as follows:

"2.5 ~~liter~~ Mazda ~~MZR~~/Ford Duratec"

3. #30456 (Formula/Sports Racing Committee) Revise Table 1 Spec Lines and clarify application of Engine Notes

In FA Table 1, remove Spec Lines E, F, G, and H and change the remaining spec lines and engine notes as follows:

Table 1						
FA Spec Line	Engine Series	Max. Displ. (cc)	Max. Valves/ Cyl.	Notes	Req'd Restrictor	Min. Weight (lbs)
A.	Toyota 4A-GE	1615	4		n/a	1175
B.	Toyota 4A-GE	1800	4		n/a	1205
C.	Ford BD Series	1615	4	Any BD series iron or alloy cylinder block and alternate crankshaft permitted.	n/a	1175
D.	Ford Duratec/ Mazda MZR Honda B16	2500 1615	4		29mm SIP n/a	1400 1175



E.	Mazda 12A Streetport Rotary	n/a	n/a	No peripheral port or bridgeport	n/a	1230
F.	Mazda 12A Rotary	n/a	n/a	Bridgeport. One (1) auto-type 2 bbl carb or one (1) 2 bbl throttle body. Restrictors/venturis shall be no more than 4 inches from the center line of the throttle butterfly shaft. All intake air shall pass through the required restrictors and the throttle body or carburetor body. Intake manifold for either carburetion or injection shall have individual runners connecting one throttle plate to one rotor, only. No balance tubes or other device shall connect runners between rotors.	41mm	1230
G.	Mazda 13B Streetport Rotary	n/a	n/a	One (1) 2-bbl auto-type carb or throttle body. Intake manifold shall have individual runners connecting one throttle plate/butterfly to one rotor, only. No balance tubes or other devices shall connect runners between rotors.	44mm	1230
H.	Mazda 13B Rotary	NA	NA	Peripheral Port	36mm SIR	1230
I.E.	Ford Duratec/ Mazda MZR/ Ford Duratec	1615	4	2.0L engine destroked to 1615cc	n/a	1175
J.F.	Ford Duratec/ Mazda MZR/ Ford Duratec	2296	4	Maximum compression permitted 14.0:1	30mm SIR	1375
K.G.	Honda B16 Mazda MZR/ Ford Duratec	1615 2500	4		n/a 29mm SIR	1175 1400

Engine Notes

(Notes only apply only to Purpose built and Ex-Pro Atlantic cars spec line in Table 12)

Note 1: Add 25 lbs for sequential transmission.

Note 2: Add 25 lbs for fuel injection.

Note 3: Add 25 lbs for non-metallic chassis.

FX

1. #30460 (Formula/Sports Racing Committee) Classify the 2000-2009 Formula Renault 2.0 / Fran-Am 2000

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

"9. 2000-2009 Formula Renault 2.0 / Fran-Am 2000 - Shall comply with notes in Table 1."

In FX Table 1, classify the 2000-2009 Formula Renault 2.0 / Fran-Am 2000 as follows:

Table 1						
Car	Engine	Wheel Width (in) ± .060	Aero	Transmission	Weight	Notes

Formula Renault 2.0 (00-09)/ Fran-Am 2000	2.0 Liter Renault F4R 832	(F) 8 (R) 10	See notes	See notes	1250	Engine must remain sealed. Car must comply with Formula Renault 2.0 technical regulations and specifications 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.
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Please see attachment – Formula Renault 2.0 (2000-2009)

In FA Table 2, remove the Ex-Fran-Am 2000 spec line in its entirety.

P1

1. #30458 (Formula/Sports Racing Committee) E&O tonneau cover provision in cockpit opening section

In P1, GCR section 9.1.8.C.C.6.c, make changes as follows:

"Allowed equipment would include batteries, ballast, fire bottles, data recording devices, and cool suit equipment, ~~providing~~ **provided** such equipment is securely attached to the car. ~~Tonneau covers are allowed in order to meet minimum dimensions.~~"

2. #30498 (Formula/Sports Racing Committee) Update Spec Line B Notes

In P1 Engine Table, Spec Line B, change the notes as follows:

"~~Staudacher cars homologated before 1-1-2014 using 1005cc~~ may run 38.5mm flat plate intake restrictor at 950 lbs. min. ~~weight~~ **wt.**"

3. #30499 (Formula/Sports Racing Committee) Update Spec Lines C and G notes

In P1 Engine Table, Spec Line C, change the notes as follows:

"~~May run without intake restrictor~~ **FPIR not required** at 1150 lbs. min. ~~weight~~ **wt.** Up to 1355cc **max.** may run without intake restrictor **FPIR** at 1075 lbs. min. ~~weight~~ **wt.**"

In P1 Engine table, Spec Line G, change the notes as follows:

"Up to 2000cc **max.** may run ~~with intake restrictor~~ **30mm SIR** at 1400 lbs. min. ~~weight~~ **wt.** Up to 2300cc **max.** may run ~~with intake restrictor~~ **30mm SIR** at 1445 lbs. min. ~~weight~~ **wt.**"

4. #30559 (Formula/Sports Racing Committee) E&O Maximum Valves Per Cylinder

In P1 Engine Table, Spec Line B, change the maximum valves per cylinder section as follows:

"~~NA~~ **4**"

In P1 Engine Table, Spec Line C, change the maximum valves per cylinder section as follows:

"~~NA~~ **4**"

In P1 Engine Table, Spec Line D, change the maximum valves per cylinder section as follows:

"~~NA~~ **4**"

P2

1. #30459 (Formula/Sports Racing Committee) E&O tonneau cover provision in cockpit opening section

In P2, GCR section 9.1.8.D.D.7.c, make changes as follows:

"Allowed equipment would include batteries, ballast, fire bottles, data recording devices, and cool suit equipment, ~~providing~~**provided** such equipment is securely attached to the car. ~~Tonneau covers are allowed in order to meet minimum dimensions.~~"

2. #30468 (Formula/Sports Racing Committee) Remove effective dates in Table 1

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

~~"Effective 01/01/2021"~~

In P2 Table 1, AMAC-AM5, Fox-2-Seater, Zephyrus, Decker 1/2 spec line, change as follows:

~~"Effective 01/01/2021"~~

In P2 Table 1, FIA Group CN non-composite chassis spec line, change as follows:

~~"Effective 01/01/2021"~~

3. #30560 (Formula/Sports Racing Committee) E&O Maximum Valves Per Cylinder

In P2 Engine Table, Spec Line B.1, add the maximum valves per cylinder as follows:

"4"

In P2 Engine Table, Spec Line B.2, add the maximum valves per cylinder as follows:

"4"

In P2 Engine Table, Spec Line B.3, add the maximum valves per cylinder as follows:

"4"

GCR

1. #30430 (Eric Heinrich) Hardship vs Warm Up Laps

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

"Hardship Lap – The driver does not take a complete lap. The driver enters the track at Pit Out and exits the track at Pit In without making a complete lap."

"Warmup Session – A warmup session is a time certain session of laps that are intended to allow drivers to test their vehicles prior to race sessions."

General

None.

Grand Touring

GT3

1. #30455 (Michael Heintzman) Mazda MZR 2.0L Engine

In GT3 Engines - MAZDA, MZR DOHC 87.38, change Fuel Induction as follows:

~~"31"~~**"32"**

2. #30570 (Grand Touring Committee) Disfranchised GT3 Mazda, correct choke size
In GT3 Engines - MAZDA, Renesis Bridgeport, change Fuel Induction as follows:
"44~~2~~mm"

In GT3 Engines - MAZDA, 13B Bridgeport, change Fuel Induction as follows:
"44~~2~~mm"

Improved Touring

None.

Legends Car

None.

Production

EP

1. #30503 (Josh Smith) NC MX-5 year range correction E&O
In EP Spec Lines, Mazda MX-5 (06-14) change as follows:
"(06-14~~5~~)"

HP

1. #29479 (Mike Ogren) Volvo 142 spec line complete.

In HP Spec Lines, delete the existing Volvo 142/142E P-1800 Engine spec line entirely, and classify Volvo 142/142E:

HP	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.)
Volvo 142 / 142E	2	2450 * 2511 ** 2573	4 cyl OHV	88.9 x 80.0 (3.50 x 3.15)	1989 (121.1)	Iron	Iron	(I) 44.0 (1.73) (E) 32.9 (1.38)	Fuel injection.	2616 (103.0)	1415 / 1415 (55.7 / 55.7)

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) 272 (10.7) Disc (R) 295 (11.6) Disc		Stock throttle body I.D.	Comp. Ratio limited to 11.0:1. Valve lift limited to .425".

2. #29790 (David Boles) Request to Classify 93-98 Volkswagen Golf to HP

In HP Spec Lines, classify Volkswagen Golf III / Jetta III (93-98):

HP	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.)
Volkswagen Golf III / Jetta III (93-98)	2	2325 * 2383 ** 2441	4 cyl SOHC	82.5 x 92.3 (3.25 x 3.63)	1984 (121.1)	Iron	Alum	(I) 39.5 (1.56) (E) 32.9 (1.30)	Fuel injection.	2471 (97.3)	1585 / 1567 (62.4 / 61.7)

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) 257 (10.1) Disc (R) 227 (8.9) Disc or 200 (7.9) Drum		Stock throttle body I.D.	Comp. Ratio limited to 11.0:1. Valve lift limited to .425". Can use the stock fuel tank if stock rear bumper and bumper support structure is retained.

3. #30132 (Hayes Lewis) Appeal of Request to Move Porsche 924 to HP

In HP Spec Lines, classify Porsche 924 (76-84):

HP	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.)
Porsche 924 (76-84)	2	2400 * 2460 ** 2520	4 cyl SOHC	86.5 x 84.4 (3.41 x 3.32)	1984 (121.1)	Iron	Alum	(I) 40.0 (1.57) (E) 33.0 (1.30)	Fuel injection.	2400 (94.5)	1420 / 1392 (55.9 / 54.8)

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) 282 (11.1) Vented Disc (R) 290 (11.4) Solid Disc		Stock throttle body I.D.	Comp. Ratio limited to 11.0:1. Valve lift limited to .425". Can use the stock fuel tank if stock rear bumper and bumper support structure is retained.

Prod General

1. #30350 (David Reiter) Change Classification of 84-87 Mazda 626 from FP to HP

In HP Spec Lines, classify Mazda 626 (84-87):

HP	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.)
Mazda 626 (84-87)	2	2300 * 2358 ** 2415	4 cyl SOHC	86.0 x 86.0 (3.39 x 3.39)	1998 (121.9)	Iron	Alum	(I) 44.0 (1.73) (E) 36.0 (1.42)	(2) Auto-type sidedraft w/32mm choke(s) on I.R. manifold, of fuel injection.	2510 (98.8)	1537 / 1532 (60.5 / 60.3)

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) 254 (10.0) Solid Disc (R) 231 (9.1) Drum		Stock throttle body I.D.	Comp. Ratio limited to 11.0:1, Valve lift limited to .425".

2. #30423 (Daniel Snow) Fiat X1/9 brake rotors

In FP Spec Line, Fiat X-1/9 & Bertone 1300, change Brakes Alt. as follows:

"(F&R) ~~257 (10.0)~~ x ~~12 (.407)~~ Solid Disc (Lancia/Fiat)"

In FP Spec Line, Fiat X-1/9 & Bertone, change Brakes Alt. as follows:

"(F&R) Lancia ~~257 (9.875)~~ ~~10.1~~ x ~~12 (.407)~~ Solid Disc (Lancia/Fiat)"

Spec Miata

None.

Super Touring

STL

1. #30183 (Tim DeRonne) Solstice Ride Height

In STL Table B, Pontiac Solstice/Saturn Sky, add to notes as follows:

"4" ride height allowed."

2. #30420 (Derrick Ambrose) Request Mazda B5 DOHC

In STL Table A, classify Mazda B5 DOHC as follows:

STL	Maximum Displacement (cc's)	Minimum Weight	Notes
Mazda B5 DOHC		Chart	Must meet ALL STL regulations.

3. #30531 (Club Racing Board) Honda B16A (JDM) Restrictor change

In STL Table B, Honda B16A (JDM), change notes as follows:

"~~54~~53mm"

STU

1. #30375 (David Mead) Request for Fender Flare Clarification

In STU, section 9.1.4.1.A.4., change as follows:

"The exterior contour of all wheel openings Fenders may be flared up to a maximum of 2" per corner with a total 1% weight penalty of 1%. The flare must maintain the OEM profile and appearance, seamlessly around the wheel arch. Material may be added or removed as necessary to create flare. The fender/wheel opening or any other part of the body forming the wheel opening, when viewed from the top perpendicular to the ground, must cover the portion of the tire that contacts the ground while the car is at rest. The flaring of the exterior contour of any wheel openings may not alter the basic body configuration or change the wheel opening size, location or shape when viewed from the side."

Touring

T1

1. #30443 (Bill Baten) Request For Reduction in Weight/Penalties for Camaro

In T1 Spec Lines, Cadillac CTS/CTS-V Chevrolet Camaro w/6162 Displacement, change Min. Weight as follows

"355000"

2. #30596 (Touring Committee) Fix dry sump Contradictions in T1-LP vs T2

In T1-LP Spec Lines, Chevrolet Corvette C-5 Incl. Fxd. Cpe (98-04) Z06 (hardtop) (01-04), change Notes as follows:

"~~ARE dry sump kit #3021S, Aviad dry sump kit #008-10001 or Dailey dry sump kit permitted: #20-02-0666-assy permitted.~~04 90 2371. Leaf spring suspension may be converted to conventional coil over suspension in T1 only."

In T1-LP Spec Lines, Chevrolet Corvette C6 Coupe (05-10) Grand Sport (10-13), change Notes as follows:

"~~ARE dry sump kit #3021S, Aviad dry sump kit #008-10001 or Dailey dry sump kit permitted: #20-02-0666-assy permitted.~~Dailey dry sump kit permitted: 20-02-0666-assy,04 90 2371. Leaf spring suspension may be converted to conventional coilover suspension in T1 only."

In T1-LP Spec Lines, Chevrolet Corvette Z06 (06-13), change Notes as follows:

"~~ARE dry sump kit #3021S, Aviad dry sump kit #008-10001 or Dailey dry sump kit permitted: #20-02-0666-assy permitted.~~Dailey dry sump kit permitted: 20-02-0666-assy,04 90 2371. Leaf spring suspension may be converted to conventional coilover suspension in T1 only."

T2

1. #29046 (Steven Glaab) C5/6 Corvette in T1, T1-LP and T2 Dry Sump Standardization

In T2 Spec Lines, Chevrolet Corvette C-5 Incl. Fxd Cpe (98-04) Z06 (hardtop) (01-04), add to notes as follows:

"OEM or equivalent carbon fiber hood is allowed. ARE dry sump kit #3021S, **Dailey 20-02-0666** or Aviad dry sump kit #008-10001 allowed."

In T2 Spec Lines, Chevrolet Corvette C6 Coupe / Grand Sport (05-13), add to notes as follows:

"Trimming of the lower edge of the center of the air dam is allowed up to a depth of 3.9 cm. **Dailey Dry Sump #20-02-0666 permitted**, ARE dry sump system part #3021 S permitted;"

In T2 Spec Lines, Chevrolet Corvette Z06 (06-12), add to notes as follows:

"Trimming of the lower edge of the center of the air dam is allowed up to a depth of 3.9 cm. **Dailey Dry Sump #20-02-0666 permitted**, ARE dry sump system part #3021 S permitted;"

2. #29067 (William Moore) Request for Chevrolet Camaro 1LE (2016-) Auto Trans

In T2 Spec Lines, Chevrolet Camaro, 1LE (2016-), change as follows:

Gear Ratios:

"**Auto - 4.70, 2.99, 2.15, 1.80, 1.52, 1.28, 1.00, .85, .69, .64**"

Final Drive:

"**Manual - 3.73**

Auto - 2.77"

3. #29429 (Ryan Szyjakowski) Request E46 M3 Minimum Competition Weight
In T2 Spec Lines, BMW M3 (01-06), change Weight as follows:
"~~3100~~3000"

4. #29736 (William J. Moore) Request to add 2015 to Chevrolet Camaro SS/1LE 2010-2014
In T2 Spec Lines, Chevrolet Camaro SS/1LE (10-14), change as follows:
"(~~10-14~~5)"

T3

1. #30093 (Kelly Peebles) Requesting Variance on Hardtop
In T3 Spec Lines, Porsche Boxster/ Boxster S (00-04), add to Notes as follows:
"*Any OEM or aftermarket hardtop permitted that retains the OEM roof silhouette.*"

2. #30154 (Derrick Ambrose) 07-09 and 10-13 Mazdaspeed 3 Fuel Pump
In T3 Spec Lines, Mazda Mazdaspeed3 (07-09) add to Notes as follows:
"*CorkSport part# Gen-6-999-10 or Autotech 10-127-100K allowed.*"

In T3 Spec Lines, Mazda Mazdaspeed3 (10-13) add to Notes as follows:
"*CorkSport part# Gen-6-999-10 or Autotech 10-127-100K allowed.*"

T4

1. #30478 (David Oliveira) Mini Cooper Spec Line Anomalies
In T4 Spec Lines, Mini Cooper S (02-04), change Notes as follows:
"~~The following items must remain stock: shock/struts (including mounts), original wheels, and transmission differential – unless specified below. JCW struts (F)31 31 6 768 410 (R)33 52 6 768 412, springs (F)31 33 6 768 415 (R)33 53 6 768 418, and Mini Mania strut tower plate NMS7300 permitted. Factory limited slip from 05-06 Cooper S permitted. May de-camber wheels by the use of slotted adjusters at the top of the strut mounting plates. They shall be located on the existing chassis structure, utilizing the manufacturers original bolt holes and may not serve as reinforcement for that structure. Convertible model not allowed. Any spring up to a maximum spring rate of 500 lbs. front and 800 lbs. rear may be used.~~"

In T4 Spec Lines, Mini Cooper S (05-06), change Notes as follows:
"~~The following items must remain stock: shock/struts (including mounts), original wheels, and transmission differential – unless specified below. Convertible model not allowed. Factory optional limited slip differential allowed. JCW struts (F)31 31 6 768 410 (R)33 52 6 768 412, springs (F)31 33 6 768 415 (R)33 53 6 768 418. May de-camber wheels by the use of slotted adjusters at the top of the strut mounting plates. They shall be located on the existing chassis structure, utilizing the manufacturers original bolt holes and may not serve as reinforcement for that structure. Any spring up to a maximum spring rate of 500 lbs. front and 800 lbs. rear may be used.~~"

In T4 Spec Lines, Mini Cooper S (07-09), change as follows:
"(~~07-09~~13)"

Gear Ratios:
"~~overall:12.79,7.79, 5.65,4.62, 3.83,3.13~~ 3.31, 2.13, 1.48, 1.14, 0.95, 0.82"

Final Drive:
"~~N/A~~3.65"

Brakes (mm):

"~~277~~280"

2. #30562 (Scotty B White) Request CAI Mustang in T4

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

"*Cold Air Intake allowed.*"