DATE: March 20, 2018  
NUMBER: TB 18-04  
FROM: Club Racing Board  
TO: Competitors, Stewards, and Scrutineers  
SUBJECT: Errors and Omissions, Competition Adjustments, Clarifications, and Classifications  
All changes are effective 3/31/2018 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 March 20.

American Sedan  
AS  
1. #23658 (American Sedan Committee) 2018 BOP Adjustments  
In AS, Ford Mustang Incl. Cobra and Cobra R (79-93), change the weight as follows:  
3150 3250  
Over 313 CID 3450 3550  
In AS, Ford Mustang GT (05-14), change the weight as follows:  
3250 3350  
Over 313 CID 3550 3650

B-Spec  
None.

Formula/Sports Racing  
ASR  
1. #23977 (Formula/Sports Racing Committee) Correct ASR Errors and Omissions  
In GCR Section 9.1.8.B.c, make changes as follows:  
"ASR cars registered prior to January 1, 2003 which meet the provisions of 9.1.8.A.1. B.n. These cars may be updated to Section A. B.b-m specifications but they then shall meet all requirements of Section A.1.b B.a without exception, including homologation."

F5  
1. #23904 (H. Cory McLeod) Request to clarify  
In F5, GCR section 9.1.1.D.9.d, add a sentence to the end of the bodywork section:  
"This rule is not intended to limit the size of lateral protrusions in front of the sidepod or in the front wheel well area between the tire and chassis."

FA  
1. #24070 (Aaron Hill) Request Formula Renault Engine rule change  
In FA, Table 2, Ex-Fran-Am 2000 spec line, change the notes as follows:  
"Must have roll bar meeting the requirements of GCR 9.4. Must use Formula Renault or Fran-Am engine seals on the cam cover, oil pan and crankshaft pulley bolt as applied by an approved engine builder. ECU must remain sealed and mapping unchanged. An SIR will be required at a time to be determined by the CRB. The CRB may require the use of an SIR at any time."
FB
1. #24123 (Formula/Sports Racing Committee) Clarify engine and restrictor rules
In FB, GCR Section 9.1.1.G.4, add a new section as follows:
"K. Competitors wishing to use engines newer than 2014 model year must supply dynamometer data to the CRB to be approved for use."

In GCR Section 9.1.1.G.5., make changes as follows:
“Flat plate Individual Inlet Restrictors (IIRs) (FPIR) shall be used on all engines as indicated in Formula B Restrictor Table below. The CRB may require the use of Flat Plate Intake Restrictors at any time. If required, The restrictors shall conform to the definition within Appendix F of the GCR, and All restrictors shall be installed within 4 inches of the primary throttle shaft on the upper inlet side of the throttle body.”

In FB, remove the Formula B Restrictor Table in its entirety and delete the following sentences:
"-Proposed changes to the specified restrictor sizes must be accompanied by engine dynamometer data."
"-Competitor wishing to use any engines newer than 2014 model year must supply dynamometer data to the CRB to be approved for use."

P1
1. #21855 (SCCA Staff) P1/P2 Spec Line Restrictor Size Clarification
In P1, GCR Section 9.1.8.C.J.9, clarify as follows:
"On motorcycle 4-cycle engines equipped with individual throttle bodies, individual Flat Plate Intake Restrictors must be installed before the throttle body, within 4 inches of the primary butterfly throttle shaft; or centerline on the intake side of the individual throttle body’s primary butterfly. Restrictors may be mounted in any manner that does not reduce the intended effectiveness."

2. #23975 (Formula/Sports Racing Committee) Correct P1 Errors and Omissions
In GCR Section 9.1.8.C.J., make the following changes:
“For cars listed in spec lines, specifications that are more restrictive in those sections take precedence over the general specifications in section A.2.b C.J.”

3. #23996 (Formula/Sports Racing Committee) Adjust minimum weights in Engine Table Line E
In P1, the minimum weights for motorcycle-based engines up to 1455cc are being adjusted based on existing car weights and current dynamometer data to bring the specifications in line with the SCCA Power Factor.
In P1, Engine Table, Line E, change the weight as follows:
1075 1100
In P1, change the notes as follows:
“May run without inlet restrictor at 1175 1150 lbs. min. weight.”

4. #23998 (Formula/Sports Racing Committee) Adjust minimum weights in Engine Table Line I
In P1, the minimum weights for engines up to 2500cc are being adjusted based on existing car weights and current dynamometer data to bring the specifications in line with the SCCA Power Factor.
In P1 Engine Table, Line I, make changes as follows:
Weight: 1450 1475
Notes: "Up to 2300cc may run at 1425 1445 lbs. min. weight"
5. #24004 (Formula/Sports Racing Committee) Add DP02 sealed MZR 2.0L to restricted 2.0L Engine Table Line H
In P1 Engine Table, Line H, add/change as follows:

<table>
<thead>
<tr>
<th>H</th>
<th>Restricted 2.0L Group CN-spec Honda K20A</th>
<th>2000</th>
<th>4</th>
<th>Stock Honda 64mm single throttle body except for dry sump oil system, ECU mapping, and exhaust system. Internal dimensions and materials must be stock with no machining allowed.</th>
<th>Mazda MZR 2.0L: Must have four (4) numbered seals in place on cam cover, oil pan, front cover, and crank angle sensor as installed by Elan Power Products or Elite Engines. No engine modifications permitted.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Restricted 2.0L Elan DP02-spec Mazda MZR</td>
<td></td>
<td></td>
<td>Elan Power Products DP02-60-013 manifold assembly with 47.6mm tracts. No modifications.</td>
<td></td>
</tr>
</tbody>
</table>

In P1 Table 1 (Spec Line Cars), delete Spec Line A and remove Table 1 in its entirety.

Remove GCR Section 9.1.8.I Elan Van Diemen DP02 Sports Racer Classed in P1 in its entirety.

P2
1. #23976 (Formula/Sports Racing Committee) Correct P2 Errors and Omissions
In P2 Engine Table, Line F, make changes to the notes as follows:
"Engine must conform to the specifications in 9.1.8.EG"

2. #24024 (Formula/Sports Racing Committee) Correct March 2018 TB error and clarify rub block requirements
In P2, GCR Section 9.1.8.D.E., make changes as follows:
"A maximum of four (8) rub blocks of maximum dimension 75mm width by 125mm length are allowed anywhere on the lower surface of the chassis and may extend below the reference plane."

3. #21855 (SCCA Staff) P1/P2 Spec Line Restrictor Size Clarification
In P2, GCR Section 9.1.8.D.L.h.3, clarify as follows:
"All 4 and 2 cycle restrictors are individual flat plate intake restrictors. On automotive 4-cycle engines equipped with individual throttle bodies, individual flat plate intake restrictors must be installed within 4 inches of the primary butterfly throttle shaft or centerline and may be on the intake either side of the throttle shaft. Individual throttle body’s primary butterfly. On motorcycle 4-cycle engines equipped with a single throttle body, in a single flat plate intake restrictor must be installed within 4 inches of the throttle shaft on the intake side between the single throttle body and the intake manifold. Restrictors may be mounted in any manner that does not reduce the intended effectiveness."

GCR
None.
**Grand Touring**

**GT2**
1. #23178 (Robert Lentz) Transparency and Specificity of Non-Traditional GT2 Car Rules
   In GT2, GCR section 9.3.28.D, Identification Markings, add the following:
   "**GT2 cars must show displacement, weight, restrictor size and rule set.**"

**GT3**
1. #24008 (Grand Touring Committee) Corrections to letter 23291
   In GT3, correct the spec line weight for engines as follows:
   1.8l motors (1750cc - 1849cc) to **1960** lbs.
   13B Street Port to **2080** lbs.

**GTL**
1. #23910 (Inness Eisele) Request to Classify 1990-91 BMW 318i & 318iS in GTL
   In GTL, classify 1990-1991 BMW 318i/318iS as follows:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
<th>Body Style</th>
<th>Drive-line</th>
<th>Wheel-base (in)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>318i/318iS</strong></td>
<td><strong>1990-1991</strong></td>
<td>2dr</td>
<td>RWD</td>
<td>101.1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engines - BMW</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Engine Family</th>
<th>Engine Type</th>
<th>Bore x Stroke (mm)</th>
<th>Disp. (CC)</th>
<th>Head Type</th>
<th>Valves / Cyl.</th>
<th>Fuel Induction</th>
<th>Weight (lbs)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M42B18</strong></td>
<td>DOHC</td>
<td>84.0 x 81.0</td>
<td>1796</td>
<td>Alum, Crossflow</td>
<td>4</td>
<td>22.5mm SIR</td>
<td>2050</td>
<td></td>
</tr>
</tbody>
</table>
**Improved Touring**

**IT**

1. #23916 (Darren Murdock) Request for rule cleanup and clarification

   In IT, GCR section 9.1.3.D.6.d, omit the sentences as follows:
   "Cars with antilock braking systems must completely disable or remove the operational components of the system. It is permissible to disable ABS system function by removing or disconnecting a minimum of three wheel speed sensors. Components that perform no other function than to assist in the activation of the ABS portion of the brake system may be removed."

   In GCR section 9.1.3.D.9.f, add the language as follows:
   “Front door windows and their operating mechanisms may be removed.”

**Production**

**FP**

1. #23922 (Inness Eisele) Request correction to track width for 90-91 BMW 318i/is spec

   In FP, BMW 318i/is (1991), modify track measurements as follows:
   1499/1506 (59.5/59.9)

2. #24010 (Blake Meredith) Request to correct track of the 88-91 Civic/CRX 1.5

   In FP, Honda CRX 1.5 (88-91) correct the track as follows:
   61.4 / 61.7 (61.3/61.5)

1. #24042 (Jason Isley) Request to update Yaris year listing

   In HP, Toyota Yaris (12-15) expand the model year as follows:
   (12-15 18)

**Spec Miata**

None.

**Super Touring**

**ST**

1. #23920 (Eric Heinrich) Request removal of turn signals

   In ST, GCR section 9.1.4.K.2, add the language as follows:
   “Standard headlights, headlight operating ancillaries, turn signals, and parking light assemblies may be removed and replaced with a plate of identical shape and size of the lens. Standard headlight assemblies may be replaced with aftermarket units of equal dimension. Vehicles with pop-up and/or hidden headlights may modify and/or remove the headlight assemblies as long as the headlight cover and any other external hardware are properly secured in the stock closed location.”

**STL**

1. #23469 (darrel stein) Help the RX7 13B

   In STL, GCR section 9.1.4.2.B.2, make the following change:
   “Manifold and cylinder head port matching on piston engines is permitted. No material may be removed further than one (1) inch in from the manifold to cylinder head mounting faces. Carburetor mounting surfaces shall not be modified. External dimensions of the cylinder head or intake manifold may not be
reduced to facilitate internal porting. Two-piece manifolds must not be port matched at their intermediate point. Valve guide material is unrestricted.”

Touring

T1

1. #21454 (Colin COHEN) Classify Audi TT-RS
In T1, Audi TTRS (GTS-spec) (2013-), classify as follows:

<table>
<thead>
<tr>
<th>T1</th>
<th>Bore x Stroke/Displ. (cc)</th>
<th>Wheel-base (mm)</th>
<th>Max Wheel Size (inch)</th>
<th>Tire Size</th>
<th>Gear Ratios</th>
<th>Final Drive</th>
<th>Brakes (mm)</th>
<th>Weight (lbs)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audi TTRS (GTS-spec) (2013-)</td>
<td>82.5 x 92.8 2500cc</td>
<td>2468mm</td>
<td>18 x 9.5</td>
<td>275mm</td>
<td>3.571, 2.158, 1.895, 1.429, 1.156, 0.971</td>
<td>.408</td>
<td>355</td>
<td>3350</td>
<td>Must conform to December 14th, 2011 revision 3 GTS rules</td>
</tr>
</tbody>
</table>

2. #23184 (Scotty B White) T1 (09-10) Viper
In T1-LP, Viper SRT 03-06, change the notes as follows:
"Throttle restrictor between each throttle body and plenum is mandatory: .060” flat steel plate with one 52mm 60mm hole (one for each throttle body)."

3. #23216 (Sean Reilly) Update S2000 Supercharger Guidelines
In T1, Honda S2000, add to the engine notes as follows:
"Novi 1200 Supercharger permitted with a 5.45" crank pulley and 3.8" blower pulley."

4. #23876 (Brad McCall) Request Porsche Cayman 3.8 Liter weight reduction
In T1, Porsche Cayman (05-13), change the weight as follows:
2900 2850

5. #23926 (Chris Edens) Request Additional Brake Ducting
In T1, GCR section 9.1.9.1.O, add the following to the brake section:
"17. Any brake ducts are permitted, but they must serve no other purpose. Fender liners may be modified solely for routing and attachment of brake ducts. Duct intake openings may be created by the opening of 2 sections up to 14.5 square inches each in the front fascia. The stock headlamp location is not permitted for brake ducting. Two alternative duct openings may be created by the removal of the fog lights or 2 sections up to 14.5 square inches each of stock false grills originally located in the front fascia."
6. #24012 (Touring Committee) Add to letter 23595
In T1, BMW M3 E92 (08-13), classify as follows:

<table>
<thead>
<tr>
<th>Maximun Displ.</th>
<th>Min. Weight</th>
<th>Restrict or</th>
<th>Engine Notes</th>
<th>Chassis Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMW M3 E92 (08-13)</td>
<td>3999</td>
<td>3150</td>
<td>Must use unmodified: OEM intake, OEM airbox and OEM plenum manifold</td>
<td>Factory DCT transmission permitted</td>
</tr>
</tbody>
</table>

T2
1. #23584 (Kurt Rezzetano) Request six piston caliper 2015-current mustang gt
In T2, Ford Mustang GT 5.0L (2015-), change the notes as follows:

2. #23655 (Ken Billimack) Request to adjust T2 997 tire size
In T2, Porsche 911 /Carrera S 997.2 (09-12), correct the tire size as follows:
215 255 (F)
255 315 (R)

3. #23842 (Ryan Upham) Request to run BMW replica intake
In T2, BMW M3 01-06, add the intake to the notes as follows:
"Evolve Tuning intake EVXE46M3CFAB permitted."

4. #23943 (Scotty B White) Auto trans for Ecoboost Mustang in T2
In T2, Ford Mustang Ecoboost 2.3 (2015-), add the gear ratio as follows:
4.17, 2.34, 1.52, 1.14, 0.87, 0.69
In T2, Ford Mustang Ecoboost 2.3 (2015-), add to the final drive as follows:
3.55 w/auto

In T2, Ford Mustang Ecoboost 2.3 (2015-), add to the notes as follows:
"Optional: 6 speed automatic transmission (with paddle shifters)."

5. #23989 (Hans Peter) Request BoP for the BMW M235ir
In T2, BMW M235iR (-2016), omit the restrictor as follows:
39mm TIR required
In T2, BMW M235iR (-2016), change the weight as follows:
3475 3400
6. #23994 (Van Hunter) Request an Aviad Dry Sump for 2010 Camaro
Effective 01/01/2019, In T1, Chevrolet Camaro SS/1LE (10-14), add to the notes as follows:
"Aviad Dry Sump #001-13110 allowed."

**T2-T4**

1. #23887 (Roger Eagleton) Request to review and correct GCR - Appendix M
In SMG, Appendix M, 2.h., make changes as follows:

1. The Cortex Racing Spec Mustang Xtreme-Grip Suspension Kit PN CCS-40-1000SPEC CSS-40-1000-SMG
(for KONI) or CSS-40-1000-JRI-SMG (for JRI) is required. Suspension modifications are limited to this kit
as specified below. Any replacement of items in this kit must be the current component part number
from this kit.

2. Either: Koni Struts and Rear Coilover Shock with Springs Kit comprised of single adjustable, Koni struts
and Koni rear coilover dampers with matching springs. Strut system part number: CFS-40-1000SPEC CSS-
40-1000-JRI-SMG CFS-40-1000-SMG (for KONI) or CFS-40-1000-JRI-SMG (for JRI), rear shock system
PN: SHK-40-1000SPEC SHK-40-1000-JRI-SMG.


12. Cortex Racing Adjustable length anti-roll bar end links for corner balance adjustment, PN ARB-40-
1002. (Included with CSS-40-1000SPEC JRI-SMG both CSS-40-1000-SMG and CSS-40-1000-JRI-SMG

**T3**

1. #24052 (Lansing Stout) Request T3 Nissan 350Z sway bar allowances
In T3, Nissan 350Z Track/ Touring/Standard/Nismo (03-08), change the notes as follows:
"The following are allowed: Track option Aero package, Rear diff cover Nismopart #99996-35TD, or, alternatively parts #383510C021, OEM Breather 38356-EV00A, OEM Stud 38354-0C00A, Nissan Mtpts. Nissan heavy duty spring kit part #99996-65Z3OUS, Nismo sway bar kit #99996-RSZ3OUS Front sway bar max 37mm. Rear sway bar max 25mm. SPC Control Arms 72125 allowed. Springs up to 700 lbs./in. allowed front and rear."


2. #24056 (Ryan Kowalewski) Request the removal Ballast Box for the Global MX-5
In T3, Mazda MX-5 Global Cup Miata (2016), add to the notes as follows: "Ballast box may be removed."

T4
1. #23465 (Julian Macias) 2014-2015 Honda Civic Si Touring 4 Spec Line Corrections and Perf
In T4, Honda Civic Si (14-15), add to the notes as follows: "Camber plates permitted. Original wheels up to 18" maximum permitted."

2. #23563 (Dan Wiegandt) Request for Suspension Camber Adjustments
Effective 01/01/2019, In T4, to obtain 3 degrees of negative camber, add to the notes as follows: Acura (02-06) – “SPC Rear Upper Arm - P/N 67230 permitted." Honda Civic (06-11) – “SPC Adjustable Control Arm - P/N 67466 permitted." Honda Civic (12-13) – “SPC Adjustable Control Arm - P/N 67466 permitted." Honda Civic (14-15) – “SPC Rear Adjustable Control Arm – P/N 67467 permitted."

3. #23841 (david mead) Request to classify the Abarth model to Fiat 124 spec line
In T4, Fiat 124, add model as follows: Fiat 124/Abarth Edition

4. #24002 (Richard Grunenwald) Request Clarification/Possible Error 2005 - 2010 Ford Mustang V6
In T4, Ford Mustang V6 (05-10), correct the wheel size as follows:
F: 16 x 7 17 x 7
R: 17 x 8 17 x 7

In T4, Ford Mustang V6 (05-10), change the notes as follows: "ABS (option code S52) allowed. FR3 Handling Pack # M-2007-FR3V6 allowed. Kit does not need to be run in its entirety. The kit includes: Dampers M-18000-A, Lowering Springs M-5300-N, Sway Bars M-5490-C, Strut Tower Brace M-20201-F.”