CLUB RACING BOARD

DATE: August 20, 2019
NUMBER: TB 19-09
FROM: Club Racing Board
TO: Competitors, Stewards, and Scrutineers
SUBJECT: Errors and Omissions, Competition Adjustments, Clarifications, and Classifications
All changes are effective 8/31/2019 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 August 20.

American Sedan
None.

B-Spec
None.

Formula/Sports Racing
F5
1. #27214 (Clint McMahan) Request for Weight Increase for Motorcycle Powered Cars
In the F500 engine table, change the weight as follows:
Honda CBR600RR (03-13): "~~875~~ *900*"

In the F500 engine table, change the weight as follows:
Suzuki GSXR600 (03-13): "~~875~~ *900*"

In the F500 engine table, change the weight as follows:
Yamaha R6 (03-13): "~~875~~ *900*"

FA
1. #27305 (Formula/Sports Racing Committee) Swift 014 Mazda MZR 2.0 E&O
In FA, Table 2, Swift 014 Mazda MZR 2.0 line, change the notes as follows:
"Piston minimum weight ~~320~~ *280*g.~~, maximum dome height from quench area .125".~~"

FV
1. #27230 (Formula/Sports Racing Committee) E&O Wheels
In FV, GCR section 9.1.1.C.3.C., add the following:
"Wheels shall be standard fifteen (15) inch X 4J as used on the 1200cc and 1300cc VW sedan as defined herein, or any steel *fifteen* (15) inch X 4.5J wheel within the track dimensions of C.2."

P2
1. #27254 (Formula/Sports Racing Committee) Update P2 Engine Table spec lines to reflect 3/1/2019 changes
In the P2 engine table, make changes as follows:

P2 Engine Table							
Spec Line	**Engine Series**	**Max. Displ. (cc)**	**Max. Valves / Cyl.**	**Req'd Restrictor flat plate except as noted**	**up to 70in width** / **70in-78.74in width**	**Min. Weight (Lbs)**	**Notes**
B.1	4 cycle Motorcycle-Based Kawasaki, Suzuki, Yamaha, Honda	1005		~~36.5~~ *35*mm ~~Effective 3/1/2019: 35mm~~		Stock Engine ~~1000~~ *1025* ~~Effective 3/1/2019: 1025~~	No modifications allowed on engines manufactured after ~~year model~~ 2008 *model year*.
				~~37.5~~ *34*mm ~~Effective 3/1/2019: 34mm~~		Modified Engine ~~1100~~ *1125* ~~Effective 3/1/2019: 1125~~	
B.5	4 cycle Motorcycle-based Kawasaki, Suzuki, Yamaha	1345	4	~~37.5~~ *33*mm ~~Effective 3/1/2019: 33mm~~		~~1160~~ *1185* ~~Effective 3/1/2019: 1185~~	No modifications allowed.

GCR
None.

Grand Touring
GT1
1. #26242 (Marvin Epps) Request to classify Porsche 944/968
In GT1, classify the 944/968 as follows:
"944/968
94.5"
2981cc 4, DOHC, Bore x Stroke (mm) 104.0 x 88.0, Aluminum crossflow, Unrestricted, Twin (2) Turbo. Weight = 2585"

2. #27146 (Cheyne Daggett) Request to classify the Ford Coyote 3rd Gen OEM
Effective 01/01/2020, In GT2/ST, Ford 5.0L "Coyote" engine, add to the notes as follows:
""Boss" intake manifold permitted. *Ford Coyote 3rd Gen OEM (2018-2019) Part # M-6007-M-50C @3200lbs*."

GT3
1. #27043 (Guy Laidig) Requesting Increase in Choke Diameter for Mazda 12A Bridgeport
In GT3, Mazda 12A Bridge Port, add to the notes as follows:
"*Optional choke size 42mm @2010lbs.*"

GTL
1. #27334 (Grand Touring Committee) Fun Cup Beetle
In GTL, Fun Cup Beetle, revise the spec line as follows:

GTL Engine

Engine Family	Engine Type	Bore x Stroke (mm)	Disp. (cc)	Head Type	Valves / Cyl.	Fuel Induction	Weight (lbs)	Notes
"Fun Cup" Beetle Sealed	*SOHC*	*82.5 x 86.5*	*1780*	*Alum, non-Crossflow*	*2*	*Weber DMTL 32/34*	*1850*	*VW "Fun Cup" Beetle chassis as spec'd in the Fun Cup rule set, must conform to all other safety related rules per GCR or GTCS. Must have rule set in possession at event.*

GTL Cars - VOLKSWAGON

Model	Years	Body Style	Drive-line	Wheel-base (in)	Notes
Fun Cup Beetle (1.8)	All	2 dr	RWD	94.5	*See engine chart for 1.8L 2V SOHC aluminum crossflow.* ~~1.8L "Fun Cup" VW/AUDI only~~ (no other displacements permitted) ~~24.5mm SIR @2040 lbs. Engine seals need not be in place. Alternate engine build spec: (Production Limited Prep Level 2) Water cooled, SOHC 81.0 x 86.4, 1780cc, Alum, Non Crossflow, 1 carb restricted to 32mm venturis. @ 2040lbs. Comp Ratio limited to 12,0:1, Valve lift limited to .425". Refer to PCS 9.1.5.E.2.a.e.f.g.h.i for Limited Prep Level 2 build specs.~~ VW "Fun Cup" Beetle chassis as spec'd in the Fun Cup rule set, must conform to all other safety related rules per GCR or GTCS. Must have rule set in possession at event.

IT General

1. #26966 (LARRY FREY) Request clarification 1999 Ford Escort ZX2 SR
In ITA, Ford Escort ZX2 (98-00), change the year as follows:
"(98-~~00~~ *03*)"

In ITA, Ford Escort ZX2 (98-~~00~~ *03*), change the weight as follows:
"~~2400~~ *2355*"

ITB

1. #26997 (Alex Radcliffe) Request to allow 07-11 Mini in ITB as BPSEC configuration
In ITB, Mini Cooper (07-10), make changes to the spec line as follows:
"(07-~~10~~ *13*)"
"*May be run in full compliance to B-Spec configuration and weight or to IT specification and weight.*"

ITR

1. #26724 (Kevin Fryer) Request to Classify 2008-2013 BMW 128i
In ITR, classify the BMW 128i (08-13) as follows:

ITR	Engine Type	Bore x Stroke(mm)/ Displ. (cc)	Weight (lbs)	Notes:
BMW 128i (08-13)	*6 Cyl DOHC*	*85.0 x 88.0 2996*	*3210*	

2. #27242 (Steve Strickland) Please Classify the '13-'14 Subaru BRZ/ Scion FRS in IT
In ITR, classify the Scion FR-S (13-15) as follows:

ITR	Engine Type	Bore x Stroke(mm)/ Displ. (cc)	Weight (lbs)	Notes:
Scion FR-S 13-15	*4 Cyl DOHC*	*86.0 x 86.0 1998*	*2815*	

In ITR, classify the Subaru BRZ (13-15) as follows:

ITR	Engine Type	Bore x Stroke(mm)/ Displ. (cc)	Weight (lbs)	Notes:
Subaru BRZ 13-15	*4 Cyl DOHC*	*86.0 x 86.0 1998*	*2815*	

Legends Car
None.

Production
1. #27263 (SCCA Staff) Request to classify the GMX5 2019
In EP, Mazda MX-5 Global Cup, change the year as follows:
"(16-~~18~~ *19*)"

2. #27106 (Gary Johnson) Request bodywork for Austin Healey Bugeye Sprite MK1
In FP, Austin-Healey Sprite Mk I, II, III, IV / MG Midget Mk I, II, III, IV, & 1500, add to the notes as follows:
"*Sprite Mk I only may replace exterior rear body work, aft of the cockpit and rearmost door opening, with stock appearing components of an alternate material.*"

In HP, Austin-Healey Sprite Mk I, II, III, IV / MG Midget Mk I, II, III, IV, Prep 1, 948cc, add to the notes as follows:
"*Sprite Mk I only may replace exterior rear body work, aft of the cockpit and rearmost door opening, with stock appearing components of an alternate material.*"

In HP, Austin-Healey Sprite Mk I, II, III, IV / MG Midget Mk I, II, III, IV, & 1500, Prep 1/2, 1275cc, add to the notes as follows:
"*Sprite Mk I only may replace exterior rear body work, aft of the cockpit and rearmost door opening, with stock appearing components of an alternate material.*"

In HP, Austin-Healey Sprite Mk I, II, III, IV / MG Midget (ALL), Prep 2, 1275cc, add to the notes as follows:
"*Sprite Mk I only may replace exterior rear body work, aft of the cockpit and rearmost door opening, with stock appearing components of an alternate material.*"

In HP, Austin-Healey Sprite Mk I, II, III, IV / MG Midget (ALL), Prep 2, 1098cc, add to the notes as follows:
"*Sprite Mk I only may replace exterior rear body work, aft of the cockpit and rearmost door opening, with stock appearing components of an alternate material.*"

In HP, Austin-Healey Sprite Mk I, II, III, IV / MG Midget Mk I, II, III, IV, & 1500, Prep1, 1098cc, add to the notes as follows:

"*Sprite Mk I only may replace exterior rear body work, aft of the cockpit and rearmost door opening, with stock appearing components of an alternate material.*"

Prod General
1. #27270 (Production Committee) level one susp. component rule
In Production, GCR section 9.1.5.E.4.e., change wording as follows:
"~~Suspension~~ *Spindles, hubs,* bushings, bearings, and ball joints are unrestricted."

2. #27300 (Production Committee) Clarification of Carb Rules - Prep 1
In Production, GCR section 9.1.5.E.1.b., make changes as follows:
9.1.5.E.1.b – Drive Train Level 1, Induction System

"1. All inducted air must pass through the venturi(s) of the car's carburetor(s). *Carburetor jets, jet needles, metering rods and needle valves are unrestricted. Choke mechanisms, plates, rods, and actuating cables, wires, or hoses can be removed. The number of carburetors must not be changed from stock, unless otherwise specified by the vehicles spec line. All single carbureted cars may fit a permitted optional carburetor.* ~~On cars w~~ *W*here the use of one (1) 40 DCN, DCNF, IDF carburetor is ~~required~~ *specified, a permitted optional carburetor may be substituted. Permitted optional carburetors are:* ~~can fit one (1) of the following permitted optional carburetors:~~

1. Weber 32 DGV/DGAV/DGEV
2. Weber 32/36 DGV/DGAV/DGEV
3. Weber 32/36 DFV/DFAV/DFEV
4. Weber 34 DAT/DATR/DATRA/DMTR
5. Holley-Weber 5200.

~~Carburetor jets, jet needles, metering rods and needle valves are unrestricted. Choke mechanisms, plates, rods, and actuating cables, wires, or hoses can be removed.~~

Where Weber carburetors are specified, Weber type carburetors can be substituted. ~~The following are p~~ *P*ermitted Weber type carburetors *are*:

1. Solex
2. SK
3. Mikuni
4. Delorto
5. Berg
6. PMO
7. EMPI

~~If the specification line for a car references~~ *Where* auto-type carburetor(s) *are specified*, permitted carburetors are:

1. Weber
2. Solex
3. SK
4. Mikuni
5. Delorto
6. Berg
7. PMO
8. EMPI
9. Zenith

10. Stromberg
11. SU
12. Rochester
13. Holley
Note: The orientation of the auto type carburetor(s) ~~downdraft or sidedraft,~~ *(downdraft or sidedraft)* must remain as in the stock induction system*, or as specified on the vehicles spec line*.

4. Fuel injection: All inducted air must pass through the throttle body and be subject to control by the throttle butterfly. The stock throttle body casting/housing must be retained. ~~The bore size and throttle butterfly dimensions~~ *The inside dimensions of the throttle body casting/housing and all dimensions of the throttle butterfly* must remain stock. The throttle body can be ported and polished. The throttle butterfly shaft shall not be relocated*. The outside diameter of the portion of the throttle butterfly shaft located in the throttle body bore must be no smaller than stock. The contour of the interface between the throttle butterfly shaft and the butterfly must remain stock.* The throttle butterfly and any throttle butterfly to shaft screws/bolts can be attached to the throttle butterfly shaft by any means including welding or brazing. Holes or slots can be created in the throttle butterfly for purposes of idle adjustment only. The number of injectors must remain stock. The mounting position and the injection point must be stock. Electronic fuel injection may be substituted for the stock type of fuel injection. In all other respects the fuel injection system is unrestricted.

5. All carburetors must retain the stock method of fuel distribution. Utilization or modification of a carburetor's components to affect an annular discharge configuration is prohibited.

6. Air cleaners, velocity stacks, air supply ducts and cold air boxes are unrestricted.

7. Stock or permitted alternate intake manifold(s) can be ported and polished. It/they can be cut apart to facilitate this work. When the manifold is re-welded, the external dimensions of the manifold must remain unchanged from stock. *No modification of the cylinder head or end plate is allowed when fitting a permitted alternate intake manifold. Balance pipes or tubes on all intake manifolds can be plugged or restricted.*

~~8. No portion of the intake manifold(s) can extend into the inlet ports of the cylinder head or rotary engine end plate. No modification of the cylinder head or end plate is allowed when fitting a permitted alternate intake manifold. Port to port balance pipes or tubes in all intake manifolds can be plugged or restricted.~~

~~9~~*8*. The accelerator pedal and linkage to the throttle butterfly is unrestricted. Electric throttle control is prohibited unless fitted as stock. Two spring loaded systems of positive throttle closure are strongly recommended.

3. #27301 (Production Committee) Clarification of Carb Rules - Prep 2
In Production GCR section 9.1.5.E.2.b.1., make changes as follows:
9.1.5.E.2.b.1., – Drive Train Level 2, Induction System

"All inducted air must pass through the venturi(s) of the car's carburetor(s). *Carburetor jets, jet needles, metering rods and needle valves are unrestricted. Choke mechanisms, plates, rods, and actuating cables, wires, or hoses can be removed. The number of carburetors must not be changed from stock, unless otherwise specified by the vehicles spec line.* All single carbureted cars may fit a permitted optional carburetor. *Where the use of one (1) 40 DCN, DCNF, IDF carburetor is specified, a permitted optional carburetor may be substituted.* Permitted optional carburetors are:

1. Weber 32 DGV/DGAV/DGEV
2. Weber 32/36 DGV/DGAV/DGEV
3. Weber 32/36 DFV/DFAV/DFEV
4. Weber 34 DAT/DATR/DATRA/DMTR
5. Holley-Weber 5200.

~~The stock or permitted alternate carburetor must not be modified. Carburetor jets, jet needles, metering rods and needle valves are unrestricted. Choke mechanisms, plates, rods, and actuating cables, wires, or hoses can be removed. The number of carburetors must not be changed from stock.~~

Where Weber carburetors are specified, a permitted Weber type carburetor can be substituted. Permitted Weber type carburetors are:

1. Solex
2. SK
3. Mikuni
4. Delorto
5. Berg
6. PMO
7. EMPI

Where auto-type carburetor(s) are specified, permitted carburetors are:

1. Weber
2. Solex
3. SK
4. Mikuni
5. Delorto
6. Berg
7. PMO
8. EMPI
9. Zenith
10. Stromberg
11. SU
12. Rochester
13. Holley
Note: The orientation of the auto type carburetor(s) (downdraft or sidedraft) must remain as in the stock induction system, or as specified on the vehicles spec line."

Spec Miata
None.

Strategic Planning
None.

Super Production
None.

Super Touring
STU
1. #27290 (SCCA Staff) Request to correct E&O advanced aerodynamics
In STU, GCR section 9.1.4.1.A.3.b., make changes as follows:
"A wing *assembly* no wider than the widest part of the body (Not including the mirrors), with a maximum cord length of 12", and end plates that do not exceed 72.0 square inches each. *No part of* ~~T~~*t*he wing *assembly* may be ~~no~~ higher than roof height."

Touring

T1

1. #27198 (Joe Aquilante) T1 LP 2016 Camaro and Later
In T1-LP, Chevrolet Camaro 1LE (2016-), change the weight as follows:
"~~3600~~ *3500*"

In T1-LP, Chevrolet Camaro 1LE (2016-), change the notes as follows:
"~~53~~ 70mm flat plate restrictor required."

T2-T4

1. #27012 (Jim Weidenbaum) Request spare tire/wheel clarification
In T2-T4, GCR section 9.1.9.2.D.9.d.3., make changes as follows:
"*Spare tires and* ~~A~~*a*ny removable covers ~~used to cover spare tires~~, tools, bins, etc., may be removed along with attaching hardware and bracketry."

2. #27183 (Paul Messier) Clarification of On-Board Fire System for T2
Effective 01/0/2020, In T2-T4, GCR section 9.1.9.2.D.10.c., make changes as follows:
"All cars shall have, as a minimum, a fire extinguisher meeting the specifications of GCR Section 9.3 Fire System. *Touring 2 cars must have a fire system installed.* ~~Touring Category~~ *Touring 3 and Touring 4* automobiles may be equipped with a fire system meeting the specifications of GCR Section 9.3 Fire System."

T4

1. #27112 (Josh Smith) Research E&O Mazda MX5
In T4, Mazda MX-5 / Club Model (06-15), make changes to the notes as follows:
"The following items must remain stock OEM unmodified, unless alternate part numbers are permitted below: original wheels (06-*15* factory wheels are allowed), and transmission, differential, and LSD. Factory bolt-in roll bar/cross member may be removed to facilitate roll cage installation. MSR option permitted. Suspension package permitted with a 100 lbs. weight increase that includes the following parts: *front spring mount PT#-0000-04-5259,* front springs #0000-04-9700-08, *rear spring mount PT#-0000-04-5258,* rear springs #0000-04-9400-07, helper springs #0000-04-HLPR-EB (optional),*front sway bar kit PT#0000-04-5306-FT, rear sway bar kit PT#-0000-04-5306-RR* ~~F/R sway bar kit #GRM5-8MD16,~~ front end links #0000-04-5499, rear end links #0000-04-5498~~.~~*, offset front camber bushing PT#-0000-04-5407-NC*. Mazda Motorsports cold air intake part #0000-06-5150-KT allowed. Mazda Motorsport RX8 rear Hub Conversion kit part number 0000-04-5811-KT allowed, *RX8 front hubs PT# F189-33-04X allowed.* The SM5 suspension (only) is allowed with a 100 lbs. weight increase. Non-OEM limited slip differential allowed with +50 lbs. weight penalty. Allow Mazda header part number 0000-06-5407. Any OEM or aftermarket hardtop is permitted that retains the OEM roof silhouette, including Mazda hardtop part # ~~0000-07-5902-ND~~ 0000-07-5901-CC ~~(discontinued DG Motorsports)~~."