

CLUB RACING BOARD

DATE: November 20, 2017

NUMBER: TB 17-12

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 12/1/2017 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 November 20.

American Sedan

1. #22685 (Mitchell Mohler) Allow Cold Air Intake to Replace Unavailable Unit for Mustang

In AS, Ford Mustang Coupe GT4.6L OHC (05-10) Restricted Prep. (Aluminum Block, Aluminum Heads), 3 valves per cylinder, add to the Notes as follows:

"K&N 69-3523KP cold air intake permitted."

B-Spec

None.

Formula/Sports Racing

FA

1. #23156 (Formula/Sports Racing Committee) Revise Pro Formula Mazda spec line Effective 1/1/18, in FA Table 2, Pro Formula Mazda spec line, make the following changes:

Weight: ~~1275~~ **1305**

Notes: "All current FA rules apply *to areas not covered by this spec line.*"

P1

1. #23121 (Formula/Sports Racing Committee) Revise P1 Engine Table, Line L Effective 1/1/18, make the following change in P1 Engine Table, Line L:

Max. Displ: ~~2300~~ **2400**

GCR

None.

Grand Touring

GT3

1. #23142 (John Bauer) Clarify Rotary Porting Notes

In GT3, all non-street port rotary spec lines, remove "Contact National Office for specific details of various allowable port configurations." from notes.

Improved Touring

None.

Legends Car

None.

Production

1. #22535 (SCCA Staff) Clarify ducting air to cool intake manifold

In GCR section 9.1.5.E.2.b.7, clarify the last sentence of the paragraph as follows:
"*Non-stock* plating, painting, *covering* or coating of the intake manifold is prohibited."

Spec Miata

None.

Super Production

None.

Super Touring

STU

1. #22499 (Patrick Waligore) 5% weight reduction for engines bored .040(1mm) over
In GCR section 9.1.4.1.H clarify section 3 & 4 as follows:

"3. Normally-aspirated engines *with stock displacement of* 2551cc-2975cc that breathe through a single throttle body may reduce base engine weight 5%."

"4. Normally-aspirated engines *with stock displacement of* 2976cc-3200cc that breathe through a single throttle body may reduce base engine weight 10%."

2. #22854 (John Weisberg) weight penalty for sequential transmission
In GCR section 9.1.4.1.C.2, change the sequential shift penalty as follows:

"Transmission and ratios are free. Forward gears are limited to 6 speeds. Cars with ~~aftermarket~~ sequential shift transmissions including factory DCT-type systems shall increase the required minimum weight by ~~100 lbs~~ **3.5%.**"

3. #22889 (Super Touring Committee) Turbo Engines
In GCR section 9.1.4.1.H.5, clarify the list of turbocharged engines as follows:

"Factory turbocharged ~~cars~~ **engines** must run the stock turbo or any turbo from the following list:"

4. #22890 (Super Touring Committee) Change Super Charger Pulley Size on HKS S2000
In STU, Table B, Honda S2000 2000cc, change the supercharger pulley size as follows:

"HKS Supercharger kit 12001-AH006 allowed, supercharger pulley ~~120mm~~ **130mm** diameter, crankshaft pulley diameter 152.3mm."

In STU, Table B, Honda S2000 2157cc, change the supercharger pulley size as follows:
"HKS Supercharger kit 12001-AH006 allowed, supercharger pulley ~~120mm~~ **130mm** diameter, crankshaft pulley diameter 152.3mm."

5. #22939 (John Schmitt) Direct Injection Engine Weight Adder
In GCR section 9.1.4.1.H.6, add a direct injection weight modifier as follows:

"All turbocharged engines shall use a turbo inlet restrictor/weight combination from the following table. Twin turbo engines are allowed on a case-by-case basis only. Turbocharged engines of greater than 2.7L displacement shall use the weight as listed in the lbs/cc or restrictor size/lbs charts, whichever is greater. **Turbocharged engines utilizing Direct Fuel Injection (DI) shall increase their minimum weight by 3%.**"

6. #23116 (Super Touring Committee) Hood Vents
Clarify section 9.1.4.1.2 from letter #21663, which was approved in the August BoD meeting and becomes effective 1/1/18, by adding the following:

"Hoods may have a maximum of 2 vents installed for cooling purposes. The maximum *combined* total area of the vents shall not exceed 200 square inches."

Touring

T2-T4

1. #22891 (david mead) change a/c removal to allow retention of auxiliary fans
In GCR section 9.1.9.2.D.3.a.2, change the cooling system language as follows:

"Any radiator *and fans* ~~is~~ *are* permitted, provided it mounts in the original location, maintains the same plane as the original core, and requires no body or structural modifications to install. No new openings created by fitting an alternate radiator may be used to duct air to the engine."

2. #22924 (Darren Seltzer) Correct BRZ/FRS/86 Brake Specs
In T4, Subaru BRZ (13-16), correct the brake specs as follows:
(F) 295 Vented Disc (R) 290 ~~Solid Disc~~ *Vented Disc*

In T4, Subaru BRZ (17+), correct the brake specs as follows:
(F) 295 Vented Disc (R) 290 ~~Solid Disc~~ *Vented Disc*

In T4, Toyota 86 (17+), correct the brake specs as follows:
(F) 295 Vented Disc (R) 290 ~~Solid Disc~~ *Vented Disc*

In T4, Scion FRS (13-16), correct the brake specs as follows:
(F) 295 Vented Disc (R) 290 ~~Solid Disc~~ *Vented Disc*

3. #23188 (Raymond Blethen) Clarify Rules Removing Catalytic Converter
In GCR section 9.1.9.2.D.1.h, clarify the section as follows:

1. T2-T4: *Exhaust systems after the exhaust header manifold are free.* ~~All cars classified in Touring may replace the catalytic converter(s) with a pipe that has the same diameter inlet and outlet as the converter it is replacing. If the catalytic converter is part of the stock exhaust header, it is permitted to modify the stock header only to replace the catalytic converter with a pipe tube of the same diameter inlet. and outlet. The post catalytic converter oxygen sensor maybe disabled, replaced, or removed; the resulting hole (if present) may be plugged. All Touring cars may replace any part of the exhaust system beyond the factory downpipe/header/exhaust manifold, or allowed header on spec line, provided:~~

a. ~~Said replacement system retains the original configuration, e.g., single or dual, etc.~~

4. #23189 (Raymond Blethen) Allow 2-cycle oil additives in pre-mix for rotary engines
In GCR section 9.1.9.2.D.2, add a new section b as follows:

"Rotary engines can pre-mix gas with 2-cycle oil additives. See section 9.3 for more details."

T3

1. #23119 (Scotty B White) Ecoboost Parts

In T3, Ford Mustang EcoBoost (2015-), add to the notes as follows:

"SpeedFactory Intercooler, part # SF-55-002 permitted. BMR rear upper control arm camber links part #UTCA064 permitted."

T4

1. #22848 (Derrick Ambrose) 2014-up Mazda 3 Spring Rate Increase

In T4, Mazda3 (14-16), change the notes as follows:

"Any spring up to ~~500lb~~ *650lb* front and ~~800lb~~ *900lb* rear springs may be used."