

## CLUB RACING BOARD

DATE: November 20, 2019

NUMBER: TB 19-12

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective 12/1/2019. 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 November 20.**

### American Sedan

None.

### B-Spec

1. #27226 (David Oliveira) Request for Correction of Production Years for Mini Cooper

In B-Spec, Mini Cooper (2011-), add year as follows:

"(2011-~~13~~)"

### Formula/Sports Racing

#### F

1. #27472 (Formula/Sports Racing Committee) Vehicle Logbooks E&O

In Vehicle Logbooks, GCR section 9.2.1.A, change as follows:

"All unissued Vehicle Logbooks must remain ~~the~~ in **the** possession and control of a Divisional or National Technical Inspector."

#### FA

1. #27493 (Formula/Sports Racing Committee) Move wheel dimensions from Bodywork subsection to General section

In FA, delete GCR section 9.1.1.A.1.g.9 in its entirety as follows:

"The minimum wheel diameter is thirteen (13) inches. Ex-FSV cars are permitted front wheel width: minimum six (6) inches, maximum eight (8) inches; rear wheel width: minimum eight (8) inches, maximum ten (10) inches. All other cars front wheel width: ten (10) inches; rear wheel width: minimum fourteen (14) inches, maximum fifteen (15) inches."

In FA, GCR section 9.1.1.A.1, add a new section as follows:

***"h. The minimum wheel diameter is thirteen (13) inches. Ex-FSV cars are permitted front wheel width: minimum six (6) inches, maximum eight (8) inches; rear wheel width: minimum eight (8) inches, maximum ten (10) inches. All other cars front wheel width: ten (10) inches; rear wheel width: minimum fourteen (14) inches, maximum fifteen (15) inches."***

2. #27640 (Formula/Sports Racing Committee) Table 2 Mazda MZR 2.0 E&O

In FA Table 2, Mazda MZR 2.0 line, make changes as follows:

***"Ralt RT40, Ralt RT41, and Swift 014 chassis only"***

#### FC

1. #27710 (Lyn Greenhill) Request for Better Zetec Connecting Rods

In FC, GCR section 9.1.1.B.16.b, make changes as follows:

"Only original Ford, or Sealed Power #H872cp, or United Engine and Machine #SO2763 pistons may be used. ***Only original Ford or Eagle #CRS5483F3D connecting rods may be used. The*** ~~C~~crankshaft, ~~and rods~~ may be replaced only with ***a*** standard original Ford replacement parts."

2. #27795 (Club Racing Board) Add Alternate Piston

In FC, GCR section 9.1.1.B.16.b, change as follows:

"Only original Ford, ~~or~~ Sealed Power #H872cp, ~~or~~ United Engine and Machine #SO2763, ***or Mahle #930169439*** pistons may be used."

#### FE

1. #27624 (Robey Clark) FE / FE2 Update Rules

In FE, GCR section 9.1.1.I.8.b, add the following:

"Front Springs: 600 lbs. ±25 lbs. Faulkner Part # WM203008 or Hypercoil Part # WM203011

Rear Springs: 1000 lbs. ±25 lbs. Faulkner Part # WM203009 or Hypercoil Part # WM203012

or

*Front Springs: 800 lbs. ±25 lbs. Hypercoil Part # WM203013, Silver*

*Rear Springs: 900 lbs. ±25 lbs. Hypercoil Part # WM203014, Silver*

*Effective June 1, 2020, Part # WM203013 Front and Part # WM203014 Rear will be required for FE2 and optional for FE."*

In FE, GCR section 9.1.1.I.13, add a new section as follows:

*"e. The use of tire warmers or cooling methods other than natural air convection or conduction is prohibited. The penalty for violation will be the loss of qualifying times and/or the disqualification of race results."*

In FE, GCR section 9.1.1.I.15, change the weight as follows:

"The car shall weigh ~~1260~~*1270* lbs. minimum, including the driver."

In FE2, GCR section 9.1.1.I.16.h, change the weight as follows:

~~Weight~~"The car shall weigh ~~1250~~*1270* lbs. minimum, including the driver."

## **FF**

1. #27563 (John Whiteman) Honda Racing HPD low cost ECU proposal

In FF, GCR section 9.1.1.B.14.p, add new sections and renumber as follows:

*"3. The LC1 ECU supplied by HPD is permitted effective 3/1/2020 and must be used with a corresponding lambda sensor supplied by HPD. Implementation date is contingent on SCCA National office receiving necessary and sufficient quantities of support materials.*

*4. The LC1 ECU may be used with an LC1-specific chassis harness supplied by HPD or with a current chassis harness using an adapter supplied by HPD.*

*5. The current E1 ECU is no longer supported, but competitors may continue to use existing E1 ECUs provided that they are functioning as intended. The E1 ECU must remain sealed and unmodified."*

## **FV**

1. #27603 (Christopher Zarzycki) Clarification on Wheel Bolt Pattern

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 *VW* wheel *with the same 5-bolt pattern as the standard fifteen (15) inch X 4J wheel* within the track dimensions of C.2."

## **SRF**

1. #27723 (Robey Clark) SRF / SRF3 Majors & Regional Class Updates

In SRF, GCR section 9.1.8.E, make changes as follows:

"SPEC RACER FORD 3 (*SRF/SRF3*)"

In SRF, GCR section 9.1.8.E.1, make changes as follows:

"SPEC RACER FORD 2 (*SRF*) *Regional Only Class*"

In SRF, GCR section 9.1.8.E.2, make changes as follows:

"SPEC RACER FORD 3 (*SRF3*)"

In SRF, GCR section 9.1.8.E.2.A, make changes as follows:

"It is the intent of the *SRF3*, ~~GEN3~~ *a Ford 1.6L* conversion, to update the current 1.9L SRF drivetrain for class longevity. ~~SRF and SRF3 shall compete side by side, for respective points and championships."~~

## **SRF3**

1. #27622 (Robey Clark) SRF Tire Warmer Rule

In SRF, GCR section 9.1.8.E.1.V.s delete section in its entirety as follows and re-letter as follows:

"It is forbidden to regroove tires."

In SRF, GCR section 9.1.8.E.1.X.f, add new sections as follows:

"Tires:

Dry:

Front – Hoosier P/N 46340 P185/60ZR13

Rear – Hoosier P/N 46350 P205/60ZR13 SRF

Wet:

Front – Hoosier P/N 46100 P185/60R13 H20

Rear – Hoosier P/N 46105 205/60R13 H20

1. *It is forbidden to regroove tires.*

2. *The use of tire warmers or cooling methods other than natural air convection or conduction is prohibited. The penalty for violation will be the loss of qualifying times and/or the disqualification of race results."*

2. #27706 (Robey Clark) SRF / SRF3 Nose Weight Reduction

In SRF, GCR section 9.1.8.E.1.E.a, change the minimum weight as follows:

"Front ~~35~~ **32** lbs."

### GCR

1. #27228 (Paul Gauzens) Request to Clarify Role of SOM to Correct Errors

In GCR section 5.12.1.A.8.a., add wording as follows:

"a. Based on a correction or error by the Chief of T&S *or another official without necessarily receiving a request or protest to do so.*"

In GCR section 7.5., make changes as follows:

"Whenever a penalty *or correction* affects the final results, including when a driver or car is disqualified *or reinstated*, the SOM shall advance *or demote* the subsequent competitors in the finishing order and advise the Chief of Timing and Scoring of any amendment to the results."

2. #27251 (Richard Patullo) Request alternate license from Pro series

In Appendix C, section 2.8.B, add the following:

*"23. Indy Car MX-5 Cup License"*

### Grand Touring

#### GT3

1. #27357 (Dan Wold) Request to Add SR16VE to GT-3 Spec Lines

In GT3, Nissan, add new engine as follows:

### GT3 Engines - Nissan

Engine Family	Engine Type	Bore (mm)	Stroke (mm)	Disp. (cc)	Head Type	Valves / Cyl.	Fuel Induction	Weight (lbs)	Notes
<i>SR16VE</i>	<i>DOHC</i>	<i>86.0</i>	<i>68.7</i>	<i>1596</i>	<i>Alumn. Crossflow</i>	<i>4</i>	<i>Unrestricted</i>	<i>1690</i>	<i>Alt. Heads: #11040-1N591.</i>

### GTL

1. #27233 (Jonathan Spiegel) 88-91 Honda CRX Spec Line Correction

In GTL, Honda CRX 84-87, change notes as follows:

"Hood bulge permitted, no openings. May mount wing per hatchback-station wagon spec, but no part of the wing assembly may be above the highest point of the roof. ~~May utilize IRS with a 2.5% weight penalty."~~

In GTL, Honda CRX 88-91, change notes as follows:

"Hood bulge permitted, no openings. May mount wing per hatchback-station wagon spec, but no part of the wing assembly may be above the highest point of the roof. ~~May utilize IRS with a 2.5% weight penalty.~~"

### Improved Touring

None.

### Production

#### FP

1. #27487 (Blake Meredith) Request to Correct Track of 1988-91 Honda Civic

In FP, correct track specifications as follows:

Honda Civic 1.5 (88-91) (Level 1)

~~"59.8 61.3 / 60.0 61.7"~~

Honda Civic EX (90-91) (Level 2)

~~"61.4 61.3 / 61.7"~~

Honda Civic Si (88-91) (Level 2)

~~"61.3 / 61.7"~~

Honda Civic Si (88-91) (Level 1)

~~"61.4 61.3 / 61.7"~~

Honda CRX 1.5 (88-91) (Level 1)

~~"61.3 / 61.5 61.7"~~

Honda CRX Si (88-91) (Level 2)

~~"61.3 / 61.7"~~

Honda CRX Si (88-91) (Level 1)

~~"61.3 / 61.7"~~

In HP, correct track specifications as follows:

Honda Civic 1.5 (88-91) (Level 2)

~~"59.8 61.3 / 60.0 61.7"~~

Honda CRX Si (84-87) (Level 2)

~~"59.3 61.3 / 59.9 61.7"~~

### Prod General

1. #27661 (Production Committee) Re-organize Prep2 Cylinder Head Rules for Clarity & Consistency

In Production, GCR section 9.1.5.E.2.e, delete section and replace as follows:

~~e. The Cylinder Head can only be modified:~~

~~1. To install an alternate camshaft, and/or adjustable cam gears.~~

~~2. To port match on the port mating surface to a depth of no more than one inch.~~

~~3. To facilitate the installation of permitted alternate components, provided the modification serves no other function.~~

~~4. To achieve the maximum specified compression ratio by the machining of the deck surface.~~

~~5. To completely plug the holes resulting from the removal of EGR valves and air nozzles. The plugs must serve no other purpose.~~

~~6. To completely plug the stock fuel injection ports in the cylinder head, if the stock fuel injection is removed and carburetors are utilized. The plugs must serve no other purpose.~~

~~7. To utilize O-rings to replace or supplement a cylinder head gasket.~~

~~8. To fit valve seats. Valve seats are unrestricted. Valve seat angles are unrestricted. The valve seat insert can be no taller than one half inch.~~

~~"e. *Cylinder Head*~~

~~1. *The cylinder head may be modified to allow installation of permitted alternate components, provided the modification serves no other purpose.*~~

2. *Valve seats and valve seat angles are unrestricted. The valve seat may be no taller than one half inch.*
3. *The cylinder head deck surface may be machined to achieve the specified compression ratio and to allow the installation of o-rings to replace or supplement the cylinder head gasket.*
4. *Holes resulting from the removal of EGR valves, air nozzles and fuel injectors (if the stock fuel injection system is removed and carburetors substituted) may be plugged, provided the plugs serve no other purpose.*
5. *Cylinder head ports may be matched to the intake manifold to a depth of no more than 1 inch from the port mating surface."*

### **Spec Miata**

None.

### **Strategic Planning**

None.

### **Super Production**

None.

### **Super Touring**

#### **STU**

1. #27342 (Paul Azan) Request for an electronic throttle body

In GCR section 9.1.4.G.8, make changes as follows:

"Cars produced with an electronic throttle body may use the OEM electronic throttle body. The OEM electronic throttle body may be converted to manual actuation and the actuation cam on a manual throttle body may be changed to alter the opening/closing rate of the butterfly. Alternately actuated throttle bodies may be considered on a case by case basis.

*Vehicle/engine combinations with manual OEM throttle bodies may be converted to an OEM electronic throttle body of the same inner diameter as the original OEM throttle body."*

### **Touring**

#### **T3**

1. #27253 (Angelica Sprehe) Request to add 2018 Subaru BRZ in T3

In T3, Scion FR-S/ Toyota 86 (13-17), change the year as follows:

"(13-~~17~~ 20)"

In T3, Subaru BRZ (13-17), change the year as follows:

"(13-~~17~~ 20)"