

DATE: September 20, 2019

NUMBER: TB 19-10

FROM: Club Racing Board

TO: Competitors, Stewards, and Scrutineers

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

All changes are effective All changes are effective 10/1/2019. 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 September 20.

American Sedan

AS

1. #27140 (Dave Mead) Request to add SMG to 9.1.6.B.1 AS Intent

In AS, Spec Mustang (SMG), add as follows:

"Spec Mustang (SMG)

Restricted Prep"

B-Spec

1. #27388 (B-Spec Committee) Remove wording in the B-spec rules

In GCR section 9.1.10.B, make changes as follows:

"Only those cars listed *on spec lines* each year are eligible to compete. Cars classified will be approved by EPA and DOT for sale in the United States and by Environment Canada for sale in Canada. They shall be models available to the general public for purchase. ~~Cars will be eligible for competition from the time they are classified until the end of the twelfth calendar year of competition of the latest model year listed on the specification line.~~ Additions and deletions of automobiles shall be at the discretion of the SCCA®. The vehicle identification number (VIN) shall correspond with the model automobile classified. At least one VIN plate or stamping shall remain in place on the dashboard or chassis that corresponds with the model automobile classified."

Formula/Sports Racing

F

1. #27400 (Formula/Sports Racing Committee) Fuel section E&O

In Permitted Fuel, GCR section 9.3.25.A, add the following:

"The use of nitrous oxide and/or propylene oxide is prohibited. The use of any substance in the following table in excess of the stated limit is prohibited either in fuel or otherwise introduced into the engine."

FA

1. #27363 (Dave Zavelson) Followup to Letter #27344 on Honda Powered FA Rules

In FA, GCR section 9.1.1.A.2, remove the following section in its entirety:

c. Honda Civic (K20Z3) Base Engine

In FA, GCR section 9.1.1.A.2, remove the following section in its entirety:

d. Honda Civic (K20Z3) Uprated Engine

In FA, GCR section 9.1.1.A.2, remove the following section in its entirety:

e. Honda Civic (K20Z3) Engine for Swift 016 only

In FA engine table, remove Spec Lines K and L in their entirety and re-letter the following lines accordingly.

In FA, Table 2, add a spec line as follows:

Table 2

Car	Engine	Wheel Width (in) ± .060	Aero	Transmission	Weight	Notes
<p><i>Swift 014 and 016 chassis only</i></p>	<p><i>Honda Civic K20Z3</i></p>	<p><i>(F) 10 (R) 14 Min. & 15 Max.</i></p>	<p><i>See FA rules</i></p>	<p><i>5 speed sequential</i></p>	<p><i>1350</i></p>	<p><i>Block must be OE Honda Civic K20Z3 2.0 liter PN 11000-RRB-810, maximum bore 86.070mm (3.3886"). Crankshaft must be OE Honda Civic PN 13310-PRB-A00, maximum stroke 86.1mm (3.390"), unmodified main and rod journals, minimum weight 37.5 lbs. Connecting rods must be OE Honda Civic PN 13320-PRB-A01, maximum center-to-center rod length 138.95mm (5.470"), minimum weight with fasteners 580g. Maximum compression ratio 12.7:1 +/- 0.2. Pistons, rings, pins, and circlips must be HPD-supplied kit PN 13100-FC4Y-A000, piston minimum weight 325g, wrist pin minimum weight 101g. Head must be OE Honda Civic K20Z3 2.0 liter PN 12100-RBC-000, ports must be as cast beginning 1.00" into ports. Valves must be OE Honda Civic K20Z3 2.0 liter PN 14711-PRB-A01 with minimum stem diameter 5.445mm and maximum head diameter 35.15mm (intake), PN 14721-PRB-A00 with minimum stem diameter 5.420mm and maximum head diameter 30.15mm (exhaust). Valve springs must be HPD-supplied kit PN 14700-FC4YA000. Camshafts must be OE Honda PN 14100-FC4Y-A000 (intake and exhaust set). Maximum intake valve lift measured at retainer PRI (front) 8.50mm, MID 13.50mm, SEC (rear) 9.50mm, maximum exhaust valve lift measured at retainer PRI (front) 8.00mm, MID 12.20mm, SEC (rear) 8.00mm. Maximum intake valve duration above 1mm measured at retainer PRI (front) 202 degrees, MID 262 degrees, SEC (rear) 210 degrees, maximum exhaust valve duration above 1mm measured at retainer PRI (front) 202 degrees, MID 250 degrees, SEC (rear) 202 degrees. Intake manifold and throttle body assembly must be used as delivered from HPD, ports must be as cast beginning 1.00" into ports. Fuel injectors must be OE Honda Civic K20Z3 2.0 liter PN 16450-RBB-003, fuel rail must be OE Honda Civic K20Z3 2.0 liter PN 16220-RAA-A01. Exhaust header must be used as delivered from HPD. Collector must be 4-into-1 design. The CRB reserves the right to implement a requirement that engines be submitted for dyno testing and sealing at any time. If implemented, engine performance will be compared to known specimens. Engines will be denied a seal if they test above 102% of the standard power and torque curve and will be ineligible for competition until</i></p>

						<i>power is corrected and the engine is sealed. The participant will be responsible for all costs of dyno testing and delivery. This provision is included to dissuade the competitors from exploiting the rules and expending funds to maximize performance of a budget minded engine option.</i>
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FE

1. #27365 (Robey Clark) FE Wet Tire E&O

In FE, GCR section 9.1.1.I.13, change as follows:

"WET

Hoosier

Front: P/N: 44195 W3, 22.0 X 7.5-13

or P/N: 44196 W3, 22.0 X 7.5 ~~8.0~~-13

Rear: P/N: 44217 W3, 22.0 X 9.0-13"

FV

1. #27398 (Formula/Sports Racing Committee) Allowed Modifications E&O

In FV, GCR section 9.1.1.C.5.D.1, make changes as follows:

"Replacement of standard exhaust system with any exhaust system, provided that the closest part of the opening from which exhaust gases exit is ~~no closer than~~ *an absolute minimum of* one (1) inch behind the rearmost part of the body and the farthest part of the opening is ~~no farther than~~ *an absolute maximum of* four (4) inches behind the rearmost part of the body."

P2

1. #27414 (Formula/Sports Racing Committee) Update Engine Table Line E notes

In the P2 Engine Table, Line E, change the notes as follows:

"Group CN non-composite chassis with stock Honda K20A-FD2 must use stock Honda intake manifold with 64mm single throttle body with 55mm flat plate intake restrictor at 1500 lbs. minimum weight ~~(restrictor implementation effective 3/1/2019).~~"

GCR

1. #27298 (GCR Committee) Sound Meter Cable Certification

In GCR section 5.7.1.G., make changes to Sound Control as follows:

"G. Ensure that yearly certification of the equipment (meter, cables, microphone, and field calibrator) has been performed by the manufacturer or a certified laboratory."

2. #27312 (SCCA Staff) Request to add B-Spec to 9.3.40

In GCR section 9.3.40., make changes as follows:

"The installation of scattershields or explosion-proof bell housings shall be required on all cars (except Spec Miata, Touring, *B-Spec* and Improved Touring) where the failure of the clutch or flywheel could create a hazard to the driver."

Grand Touring

None

Improved Touring

None

Production

None

Spec Miata

None

Super Touring

STL

1. #27399 (Josh Smith) Request to Classify Spec MX-5 Challenge in STL

In STL, classify the Mazda Spec MX5 Challenge as follows:

STL	Maximum Displacement	Minimum Weight	Notes
<i>Mazda Spec MX5 Challenge</i>	<i>2000</i>	<i>2500</i>	<p><i>Mazda MX5 Challenge car must utilize the following components:</i></p> <p><i>Roush CNC cylinder head 0000-01-5300, Mahle standard or +0.005 0000-01-5310, OEM camshaft, 11:1 compression ratio, header 0000-06-5407-NC, exhaust 0000-06-5427-NC, cold air intake 0000-06-5150-KT, ECU flash 0000-01-5379, Pagid front brake pads 0000-03-5104-SP or endurance pads 0000-03-5104-EN, Pagid rear brake pads 0000-03-5114-SP or endurance pads 0000-03-5114-EN, Penske front shock 0000-04-5291-SA, Penske rear shock 0000-04-5292-SA, Penske rear mount kit 0000-04-5358, Front mount kit 0000-04-5359, Front offset bushing 0000-04-5407-NC, Eibach front springs 0000-04-9700-08, Eibach rear springs 0000-04-9400-07, Eibach helper springs 0000-04-9926, Eibach front sway bar 0000-04-5306-FT, Eibach rear sway bar 0000-04-5306-RR, Interior finish panels 0000-07-5822, C&R radiator/oil cooler assembly 0000-01-5504-CR, Oil cooler adapter and lines 0000-01-5511-KT, ACT clutch 0000-02-5004-G6, wheels 17x8 #TBD and Toyo 235-40-17. No other Super Touring modifications or allowances permitted except as noted in this spec line.</i></p>

Touring

T3

1. #27155 (Tyler Quance) Request Mazda NC MX-5 alternate transmission gear ratios

In T3, Mazda MX-5 NC (06-15), add as follows:

"3.82, 2.26, 1.64, 1.18, 1.00, 0.83

or

3.82, 2.26, 1.64, 1.18, 1.00, 0.79

or

3.14, 1.89, 1.33, 1.00, 0.81 (5 spd)"