

## SOLO® NEWS

### SOLO EVENTS BOARD | April 24th

The Solo Events Board met by conference call March 27th. Attending were SEB members Brian Connors, Mike Brausen, Bob Davis, Zack Barnes, Keith Brown, Mark Scroggs, and Marshall Grice; Charlie Davis and Jason Isley of the BOD; Doug Gill of the National Staff. These minutes are presented in topical order rather than the order discussed. **Unless noted otherwise the effective date for all new rule, class, and listing change proposals herein is 1/1/2020.**

Comments regarding items published herein should be directed via the website [www.soloeventsboard.com](http://www.soloeventsboard.com)

### Recommended Items

The following subjects will be referred to the Board of Directors for approval. Address all comments, both for and against, to the Solo Events Board. Member input is suggested and encouraged. Please send your comments via the form at [www.soloeventsboard.com](http://www.soloeventsboard.com).

### Prepared Category

#26099 Clarification: Radiator mount/support modification

The PAC and SEB recommend the following changes to section 17.10.O.2 and Appendix A:

In 17.10.O.2:

Any water radiator is allowed, provided there are no changes in the exterior bodywork to accommodate its use. It shall not be located in the driver/ passenger compartment. Separate expansion or header tank(s) are permitted provided they are not mounted in the driver/passenger compartment. The heater core may be removed entirely but not modified or replaced. Water radiators may be filled with water, antifreeze, and/or nonflammable liquids the purpose of which is to transfer heat and/or inhibit freezing, boiling, and/or corrosion. ~~A Corvair may use a water radiator. Other modifications which may be involved in its use are not permitted unless explicitly allowed by the contents of Section 17.~~ A radiator may be relocated so long as the other applicable items in Section 17 are not violated (e.g., the exterior bodywork is not altered) to accommodate the change. *OE radiator support/mounts can be modified to accommodate an alternate radiator configuration.*

In Appendix A, CP:

Chevrolet

Corvair & Corvair Turbo (1960-64); weight (lbs.):.....1850

*A water radiator may be substituted. Other modifications which may be involved in its use are not permitted unless explicitly allowed by the contents of Section 17.*

Corvair & Corvair Turbo (1965-69); weight (lbs.):.....1850

*A water radiator may be substituted. Other modifications which may be involved in its use are not permitted unless explicitly allowed by the contents of Section 17.*

### Junior Kart Category

#24633 Briggs Motor and Clutch clarification for Kart JA

Per the KAC, change 19.2.1.b.C and 19.2.2.b.C to the following:

Carburetor, ~~cluteh~~, and exhaust as supplied with engine by manufacturer. *Clutch must be of drum-type centrifugal configuration, with a maximum of nine (9) springs and six (6) shoes. Clutch drum must be stamped steel. Clutch mounting bolt must be minimum SAE Grade 8. Machining or alteration of any clutch part from the manufacturer's original configuration is not allowed. Clutch key, springs, and drive sprocket are non-tech.*

## Member Advisories

### Street Category

#26721 The Tesla Model 3 should be moved from B-Street

The SAC believes that the Model 3 is appropriately classed. However, if any manufacturer issues a change (software or otherwise) to a previously classed vehicle that would have altered the SAC's initial classing, the SAC will request immediate re-classing from the SEB and the BOD.

### Modified Category

#26575 Dwarf cars in FM

Per the MAC, no rule change is needed to permit the requested modification. As stated in Solo Rules Appendix A, under F Modified, subsection B.1.b, you may use any differential and final drive ratio.

## Change Proposals

### Street Category

#26735 Fix SS - Viper 2013-17 (ALL)

The SAC would like member feedback on the following change to listings in Appendix A:

SS

Dodge

Viper (*all*)

~~Viper & Viper GTS (non-ACR, non-TA)(2013-17)~~

~~Viper ACR (2016-17)~~

~~Viper SRT (non-ACR, non-TA 2.0)(2015-17)~~

~~Viper (NOG)~~

### Street Prepared Category

#22536 Proposal to Reclassify BMW 128i from BSP to DSP

The SPAC is requesting member feedback on the following proposal. This is a revised version of the Limited Prep proposal from last year.

Add listings to Appendix A as follows:

DSP

Subaru

*BRZ (2013-2016) \*Limited Prep\**

*BRZ (2017-2018) \*Limited Prep\**

Scion

*FR-S (2013-2016) \*Limited Prep\**

Toyota

*GT86 (2017-2018) \*Limited Prep\**

BMW

*128i \*Limited Prep\**

Add to section 15. as follows:

*Vehicles denoted with \*Limited Prep\* in Appendix A will run under the normal Street Prepared rule set with exceptions as follows: subsections denoted "Full Prep" do not apply.*

Modify subsection number designations as follows:

15.1.C (*Full Prep*)

15.2.K *(Full Prep)*

15.2.L *(Full Prep)*

15.2.N *(Full Prep)*

15.2.O *(Full Prep)*

15.2.P *(Full Prep)*

15.2.R *(Full Prep)*

15.2.D *(Full Prep)*

15.9.D *(Full Prep)*

15.10.R *(Full Prep)*

15.10.S *(Full Prep)*

15.10.T *(Full Prep)*

The sections below are shown with changes providing alternate rules for Limited Prep

15.2.A:

*Full Prep:* Fenders and bumpers may be modified for tire clearance. This includes the portion of a hood which serves as a fender/wheel well, where applicable. This does not permit modifications to the chassis or bodywork inboard of the vertical plane of the hub/wheel mounting face (at rest, with front wheels straight ahead). Flares may be added although tires may extend beyond the bodywork. Replacement of complete hood, flared fenders, or quarter panels is prohibited. Plastic and rubber wheel well splash shields may be modified or removed for tire clearance and for installation of fender flares as allowed herein.

*Limited Prep:* Fenders may not be cut or flared but the inside lip may be rolled to gain additional tire clearance. (The outer fender contour may not be changed.) Plastic and rubber wheel well splash shields may be modified for tire clearance and to accommodate a rolled inside fender lip. The modifications may serve no other purpose (e.g., air intake, brake ducts, etc). No other changes to the standard fenders or wheel wells are permitted.

15.2.E.3:

*Full Prep:* SFCs must be bolted or welded, but welding must be to the OE subframe stampings, not to the floor pan in between.

*Limited Prep:* SFC's must be bolted.

15.2.I:

*Full Prep:*

Spoilers/splitters and cosmetic trim pieces are permitted. Side skirts may not be used. Spoilers/splitters must comply with the following:

1. A spoiler/splitter may be added to the front of the car below the bumper. It may not extend rearward beyond the front most part of the front wheel well openings, and may not block normal grille or other openings, or obstruct lights. Splitters may not protrude beyond the bumper. Openings may not be used for the purpose of ducting air to the radiator or oil cooler, but they may allow air to flow through a permitted oil cooler provided no ducting is used. The spoiler may not function as a wing. This allows a vertical air dam/spoiler above a horizontal splitter, but splitter fences or longitudinal vertical members that serve to trap air on top of the splitter by preventing it from flowing around the sides of the car are not allowed.

2. A spoiler may be added to the rear of the car provided it complies with either of the following:

a. It is a production rear spoiler which is standard or optional equipment of a US model of the vehicle or an exact replica in an alternate material.

b. It is a non-production rear spoiler which is mounted to the rearmost portion of the rear hatch, deck, or trunk lid. The spoiler may extend no more than 10" (254 mm) from the original bodywork in any direction. Alternatively, in a hatchback, the spoiler may be mounted to the rear hatch lid at or near the top of the hatch; in such a configuration the spoiler may extend no more than 4" (101.6 mm) from the original bodywork in any direction. The spoiler shall not protrude beyond the perimeter of the original bodywork as viewed from above. The use of endplates is prohibited. Angle of attack is free. The spoiler may not function as a wing.

*Limited Prep:*

*Addition of spoilers, splitters, rear wings, bumper covers, valances, side skirts, and non-functional scoops/vents is allowed provided that either:*

- 1. It is a production part which is standard or optional equipment of a US model of the vehicle. ("Model" is defined in Section 12.)*
- 2. It is listed in the vehicle manufacturer's US accessory catalog for that vehicle for normal highway use. This does not allow for parts sold through a manufacturer's performance catalog (e.g., Ford Racing, HPD, Mazdaspeed, Mopar Performance, Mugen, NISMO, SPT, TRD, etc). Parts must be installed as directed by the manufacturer. Exact replicas, including weight, from alternate sources are also permitted.*

15.6.A:

*Full Prep:* Any brake lines, master cylinder, vacuum brake booster, or brake proportioning valve that meets the requirements of Section 3.3.3.B.13 may be used. This does not allow multiple separate cylinders. A single master cylinder brace may be added provided it is bolt-on and serves no other purpose. One additional hole may be drilled in brake pedal arm for relocation of the master cylinder pushrod.

*Limited Prep: Any brake line may be used.*

15.6.C:

*Full Prep:* ABS braking systems may be disabled, but not removed.; brake boosters may be removed, modified, substituted, or added.

*Limited Prep: ABS braking systems may be disabled, but not removed*

15.10.O:

*Full Prep:* Any metal clutch assembly, metal flywheel, or metal torque converter that uses the standard attachment to the crankshaft may be used. Non-metallic friction surfaces (e.g., clutch disks) are permitted. Dowel pins may be added. Any hydraulic clutch line may be used. Replacement or substitution of the clutch slave cylinder is permitted.

*Limited Prep: Any metal clutch assembly, metal flywheel, or metal torque converter that uses the standard attachment to the crankshaft may be used. Non-metallic friction surfaces (e.g., clutch disks) are permitted. Dowel pins may be added. Any hydraulic clutch line may be used. Replacement or substitution of the clutch slave cylinder is permitted. Clutch/ Flywheel friction surface diameter must be the same as original equipment.*

**Modified Category**

#25310 Electric motor clarification

In Appendix A under Modified Class E, subsection A, remove the following line:

~~Electric powerplants (non-hybrid) ..... 1800~~

The MAC believes electric-powered vehicles should be separately classed in the Modified category, and is looking at possible specifications and safety requirements for such a class. Member input regarding these subjects is invited.

**Not Recommended**

**Street Category**

#26727 Fix F street

Thank you for your input. The SAC will continue to evaluate future additions to F Street.

#26661 Pimpy Dumpers

Thank you for your input. The SAC will continue to evaluate the shock rules in Street.

#26700 Street and Street Touring Class Tire Proposal

Thank you for your input. The SAC believes that the tire rules are adequate as written.

#26712 Reclass. Ford Focus RS from DS to BS

Thank you for your input. The SAC will continue to monitor the performance balance in DS.

#26737 Steering Wheel Spacers

The SAC believes that 3.1.B covers modifying the controls of the vehicle to accommodate physical handicaps. Otherwise modifying the controls of the vehicle is not in the spirit of the Street category.

#26762 Move C5 from BS to DS

Thank you for your input. The SAC believes the base C5 is appropriately classed.

#26769 FRS / BRZ /86 Re-classification Request

Thank you for your input. The SAC believes the FRS and BRZ are appropriately classed.

#26776 Please Move Stick Axle Mustangs to BS, They are too fast for M3s

Thank you for your input.

#26785 +/- 2

Thank you for your input. The SAC believes this rule is adequate as written.

**Solo Spec Coupe**

#26680 Amend driver seat substitution and restraint allowances

The SEB does not believe seat substitutions are in the best interests of the SSC class.

**Other Items Reviewed**

**General**

#26443 Course design

Thank you for your willingness to serve the Club in this capacity. Please see item #25562 in the April Fastrack.

#26483 Kelly Cup Nomination

Thank you for your nomination.

#26526 2019 Nationals Changes (Kudos)

Thank you for your input.

#26619 Support for Non-gender Based Classing

Thank you for your input.

#26673 Supplemental Classes

Thank you for your input.

#26788 Updated Input - Letter 26655 -

Thank you for your positive feedback.

#26826 Impound Delays

Thank you for your input.

**Street Category**

#26589 911 Carrera (inc 4, S, 4S) (997 chassis)(2005-12)

Thank you for your input.

#26734 Don't change NOC eligibility

Thank you for your input.

**Handled Elsewhere**

**Street Category**

#26729 NOC Feedback

Please see the response to #26733 elsewhere herein.

#26732 NOC cars should not be eligible for national competition

Please see the response to #26733 elsewhere herein.

#26747 Over-the-Air Updates for Model 3 and Others

Please see the response to #26721 elsewhere herein.

#26778 Additional infoPlease include GT3 (996 & 997 chassis, all) in SS

Please see the response to letter #26588 in the May Fastrack.

#26783 Wheel sizing

Please see the response to #26785 elsewhere herein.

#26787 OTA Software Updates to Tesla 3

Please see the response to #26721 elsewhere herein.

#26784 Remove wheel diameter restriction

Please see the response to #26785 elsewhere herein.

### **Tech Bulletins:**

#### **General**

#26682 Revise grammar for 6.11 - Tire Temperature Management

Clarify 6.11 to read:

Tire heat may only be retained by individual tire covers, or via a wrap around the car with the ignition off.

#### **Street Category**

#26721 The Tesla Model 3 should be moved from B-Street

Add to 3.2 after the second sentence: "*If a manufacturer issues an official specifications change (software or otherwise) to any previously-classed vehicle, and that change is deemed significant enough to warrant reclassification, the SEB can request the BOD to approve an immediate classing change.*"

#26756 Lincoln MKZ 3.0T to join Fusion Sport in GS

Per the SAC, add the following listings to Appendix A:

DS

*Lincoln*

*MKZ (AWD)*

GS

*Lincoln*

*MKZ (FWD)*