



1 Fair Skies Drive Ona, WV 25545 Tel: 954-881-4271 Fax: 954-771-9809 email: lynnz@onaairpark.com

2019 National Legend Car Association Official Rule Book Car Rules

Unless Otherwise Stated in this Rule Book, All Cars and Engines MUST conform to the Rules in the Legend Car Section of the 2018 U.S. Legend Cars International Rule Book.

If this rulebook does not specifically say that you can change/modify/add something, then you must consider that the change/modification/addition is illegal. Any questions about the legality of a change/ modification/addition not covered in this rulebook must be answered by Officials in writing and presented to the tech inspector upon request. If you have a request for a change/ modification/ addition, please contact NLCA Officials.

1. **Ballast:**

Ballast May be made out of Lead ONLY and must be Placed on the Lower Frame Rails on either the Left or Right side. At no time, may weight be any higher the lower subframe and must be BOLTED to that Subframe. Absolutely NO stacking of two or more pieces of ballast at any time. Weight may extend past but may not be bolted past the “Kick Ups” on the Rear and Front of the car. Ballast may be placed on the 1” x 2” cross member (By Fuel Cell) also. Ballast must be bolted flat to the cross member and may not be bolted to any round tubing. Should a car be found to have ballast placed anywhere other than the subframe, that car will not be allowed to participate in that nights racing action until the ballast is moved and secured properly.

2. **Brake Drums:**

Only steel drums (not drilled or lightened) are permitted on the rear. The minimum weight of the brake drum is 10.0 lb. Intentional metal removal of the brake drum for lightening purposes or “offset” is considered illegal. Only the “shoe face” may be machined.

3. **FZ09 Engines:**

The new Yamaha FZ09 Engine for Legend Car racing is Legal but must remain SEALED from US Legend Cars International and all Components, Ignition System, Fuel System, Intake etc. must remain stock as delivered by US Legend Cars International. If an FZ09 engine is UNSEALED the engine will immediately be deemed Illegal falling under a Major Infraction as outlined in the Disqualification Procedures section of the General Procedures page of the website.

4. **Fiberglass/Body Parts/Deck Lids:** Found in the Legend Car Section of the INEX Rulebook, Rule #25:

“Mounting of Components -All fiberglass body components must be firmly attached to every Legend Car competing in any race. It is recommended that all dzus fasteners fit tight and are taped over to prevent loosening. Any Legend Car may be black flagged or denied entry to start a race if any of the aforementioned items are not attached unless prior approval is given by the INEX technical inspector. Removal of undamaged fiberglass components (hood, deck lid, etc.) during an event is not allowed. “



2019 Legend CAR RULES

March 2, 2019

Page 2 of 3

Deck Lids MUST be securely attached in the stock position at all times. Deck Lids must fit tightly to the body with the only gap allowed being on cars using Hood Pins to secure the Deck Lid. If using Hood Pins, the Deck Lid may only gap off of the body by the width of the Nut securing the Pin to the Body. Intentionally losing Deck Lids mid-race will not be accepted. Deck Lids may not have ANY holes or fins in them.

5. **Frame Altering/Cutting:** Any cutting or altering of the frame and/or roll cage IS NOT PERMITTED. The frame and roll cage must be in stock condition as delivered from U.S. Legend Cars International. Any other requested chassis modifications or unusual repairs must be cleared by officials. Should any car be found with intentionally cut or altered frames, that car will not be allowed to participate in any NLCS event until the issue has been corrected and approved by officials.

6. **Pickup Points & Spacers:**

All Pickup Points on the Frame, Rear End or any other suspension component must be STOCK as Delivered by U.S. Legend Cars International. A Maximum 3/4" wide Spacer is allowed on any 1/2" Suspension Bolt.

US LEGEND CARS INTERNATIONAL RULEBOOK PAGE 56 RULE 56:

"56. PICKUP POINTS & SPACERS: Absolutely no modifications of the frame pickup points, rear end pick up points or spindle points are permitted. A maximum 3/4" wide spacer may be used on all 1/2" suspension bolts."

7. **Radios:**

Radio communication of any kind other than that of the Race Director to the drivers Via Raceiver is NOT permitted. Use of radios will result in disqualification and loss of points for the night

8. **Rear End Offset:**

From the back edge of the Brake Drum on the Left Side to the Outside Frame Rail may be no Shorter than 6" on the Inspectors Tape Measure. Absolutely NO wheel Spacers of any kind or Adjustment of Brake Drum will be allowed in any way. Axle Spacers are NOT allowed.

**Enforcement and Infraction Penalties of the Ride Height, Wheelbase and Width Rules: After qualifying or after a race, if a car is found to be in violation of the ride height, wheelbase or width rule, and only if requested by the driver, the driver may have five (5) minutes to find the reason why the ride height, wheelbase or width does not meet the rules. It is the driver's responsibility to find the reason (such as a bent part that would directly affect the infraction) before the car leaves the tech area. It is not the tech inspector's responsibility to find the reason. If a reason cannot be found and the car leaves the tech area, the driver cannot bring it back to the tech inspector showing or explaining a damaged part which affected the ride height, wheelbase or width. This must all be done within the tech area and within the specified time period. If no reason (such as damaged parts that would directly affect the infraction) can be found, this will result in an immediate disqualification.*



Should a Broken/Bent Part be found to affect, any measurement on the car, the part must be fixed or adjusted to make the measurement correct before entering competition again and unless being able to directly identify and incident causing the issue, the same part may not be used as an exemption to the measurement rules.

9. **Shocks:**

Only the use of INEX Stamped Bilstein Legend Car Shocks are permitted for use. Shocks must remain stock, as delivered by U.S. Legend Car International. Absolutely NO Re-Valving or Adjusting the Shocks in any way. Shocks MUST be Stamped INEX otherwise they will be deemed illegal.

10. **Tires:**

U.S. Legend Car International Stamped Federal or BF Goodrich Tires are the ONLY tires Permitted for Competition. NO DIRT TIRES! Absolutely, at no time will Grooving, Siping, Razor Cutting, Needling etc. be permitted on tires. Camber Cutting is Allowed. Reversed Direction is Allowed. Tires may not be juiced/soaked and must conform to a Benchmark Sample set forth by U.S. Legend Car International.

11. **Tire Inspection Procedure:**

Officials hold the right at ANY point throughout the night to Durometer any competitors tire and take samples if desired. Should a tire be found less than 58 Points on the Inspectors Durometer, the car is Disqualified and Will Lose ALL Championship Points for that Night and be Subject to Further Penalties if needed. Should One (1) Tire be soft after a race, the tire will have Five (5) Minutes to Cool and will be Re-Checked. Should Two (2) or More Tires be soft after a race, no cool down period will be allowed and the car will be Disqualified. To protest the ruling, samples may be sent off at Teams Expense with \$80 being handed to the Inspector at the time of the infraction being found and a sample taken before the inspector leaves the car. In such case the Results from Said race will be unofficial until the results come back.

12. **Transponder Placement:**

If Used, the Scoring Transponder may be place NO further forward than the 1" by 2" bar to which the Pan Hard Bar is attached. The Transponder may be placed on or anywhere behind this bar. To ensure accurate lap counting, the transponder must be mounted in a place where it has a clear view of the racing surface.

13. **Weight:**

USING XJR1250/FJ1200 ENGINE: The minimum weight of the car with the driver (as raced) is 1300 pounds. The minimum weight of the right side of the car with the driver (as raced) is 640 pounds. The rear weight percentage can be no more than 52.0% without the driver.

USING FZ09 ENGINE: The minimum weight of the car with the driver (as raced) is 1250 pounds. The minimum weight of the right side of the car with the driver (as raced) is 615 pounds. The rear weight percentage can be no more than 52.0% without the driver. No intentional lightening of the chassis is permitted. Competitors are not permitted to add fuel after an event to meet the weight requirements. It is the responsibility of each team to ensure that their car meets the weight requirements on the scales that are to be used by the official.