



2018 COMPETITION NOTICE

DATE: March 22, 2018

DIVISION: Sportsman Modified & Limited Sportsman

RE.: 2018 Rule Addendums

SUBJ.: Fuel Cell

*The following items in the 2018 Sportsman Modified rulebook have been clarified and/or updated – changes are highlighted in **YELLOW**. Please contact Mike Bruno at (802) 236-9141/text message preferred; or John Cummings at (802) 265-3408/after 5:00 p.m.*

17. FUEL & FUELING SYSTEM

NOTE: A Competition Notice posted on 3/21/18 regarding fuel cell mounting requirements has been made optional for the 2018 season. All cars will be permitted to retain current construction (outlined below in Rules 6 and 7) used by common chassis manufacturers. The new mounting requirements will be phased in over time.

1. Maximum octane allowed is 98. No additives or mixing of fuels. FUEL WILL BE TESTED!
2. Plastic and/or glass fuel filters will not be permitted.
3. Fuel cell mandatory, maximum 24 gallons. Must be mounted behind driver.
4. Fuel cell minimum height is 12" from ground.
5. Fuel cell must be centered between frame rails and in line with engine centerline.
6. Fuel cell must be mounted with a minimum of two (2) 0.125" thick steel straps a minimum of 1" wide. The straps must cover the entire cell.
7. Fuel cells that are mounted in a square tubing frame will be permitted. A minimum of 5/16" Grade 8 bolts must be used to mount the fuel cell to the frame.
8. Only one mechanical fuel pump in the stock location will be permitted. Fuel must be delivered through the fuel system from the fuel cell to the mechanical fuel pump. Fuel systems that require a return line, a pressure regulator of any type, and/or other volume and/or pressure altering device will not be permitted.
9. **OPTIONAL FUEL CELL MOUNTING REQUIREMENTS:**
 - a. Fuel cell must be enclosed completely in a rectangular or square container with minimum thickness 20-gauge magnetic steel or minimum .060" thick aluminum.
 - b. In addition, one piece of minimum .090"-thick aluminum or magnetic steel must be mounted under bottom of fuel cell container to prevent bowing and/or deflection and must have inspection hole drilled near center.
 - c. A 1" x 1" x .0625"-thick magnetic steel square tubing rack must be fabricated on top, front, and rear sides of fuel cell container, using minimum Grade 8 bolts to mount to the frame. Tubing must be a minimum of 5" from outside edge of fuel cell on all sides. Rack may be fastened to bottom of fuel cell can using magnetic steel angle material which is a minimum of 1" x 1" with minimum material thickness of .065", on all four sides of container.
 - d. Any attempt to lighten any piece within the fuel cell container and/or rack, including drilling holes, will not be permitted.