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TECHNICAL BULLETIN # FE/ESR 001-2011

To: All FE/ESR Owners
From: Mike Davies, Technical Manager
Date: 01 May, 2011
Re: Rules Update

SCCA Enterprises Part # 134019A Vertical Tow Hook is required for all FE Pro events and highly recommended for future club use.

There was confusion on the proper way to use the roll hoop mounted tow hooks, close calls with tow truck drivers and broken body work. The new vertical tow when installed is pinned and clamped to the front of the chassis. Painted red, easy to see and requires no special device use. With limited session time at Pro Events it is paramount to clean up disabled cars quickly and efficiently.

SCCA Enterprises Part # WM114001 Inline Thermostat is permitted and highly recommended.

Ideal window 175/185 deg F, the Water Temp Comp. table runs at "0" in that range.

In order to help maintain consistent Air/Fuel ratio, water temp needs to be held in a predictable window. Teams / owner driver's attempt to control water temp by many means. The Inline Thermostat was developed to be an easy way to control water temp without interaction from the team or driver.

SCCA Enterprises Part # WM301046 Muffler is required for both Pro and Club racing.

At many tracks around the country the FE is over the sound limit and at most tracks it is very close to the limit. At the Run Offs in 2010 2/3's of the field was right at or over the limit and the decision was made to develop a quieter muffler. The new muffler is of the same basic design with a larger body and absorbs 2-3 db.

Fourth Gear 20:25 ratio 1.25 is required for Pro Events

The 20:25 gear set is a more appropriate RPM drop between 3rd and 5th gears, optional for Club racing in 2011 and is required 2012 and beyond.

SCCA Enterprises Part # WM801004 Rotor Temp bands are permitted.

This is track specific issue, long straights where it is hard to maintain consistent rotor temperature. Rotor Temp Bands are an option for both Pro and Club.

Hoosier Part # 43270FE front & Part # 43301FE rear New FE spec dry tires They are required for Pro events and option for Club racing in 2011 required 2012 and beyond.

In order to help cure the basic under steering nature of the FE, Hoosier stepped up at their cost to develop a true spec tire for the FE. Taking into count all aspics of the tires construction.

SCCA Enterprises Part # 11592302 Throttle Cam / Cable update is recommended.

In standard form the throttle to peddle ratio is digressive and feels stiff right off idle. Due to the delta in vibration between intake manifold and mounting point of the cable housing. The cable has a short life, they tend to fray at the crimping point of the 10-32 stud or the point they drag on the exit of the outer housing... The throttle cam is progressive in action and holds the alignment of the inner and outer cable better. It also supports the inner cable over a wider area to reduce the fraying at the crimping point.