

Chassis Seminar

Focus on Asphalt Stock Cars
Presented by Hypercoil



Day 1

- Front Suspension assembly and modifications necessary for clearance and travel of a Soft Spring/Big Bar car chassis
- The selection of Spindles, A-Frame, Ball Joints, Steering and Sway Bars
- Rear Suspension updates to create more traction
- Use of Spring Rods, Panhard Bar Height & Angles
- Mounting of brackets on rear suspension
- Shock Selection and Tuning
- Valving needed for Soft Spring/Big Bar chassis and bump rubbers
- Explanation of valving curves and how to achieve different dampenings
- Differences of mono-tube vs. twin-tube and base valve shocks using ultra high travel springs
- Guidelines for coil binding or using bump stops including the advantages, car requirements, installation and tuning

Day 2

- Step by step race setup procedures from front end alignment to rolling the car on the scales
- Body installation tips and guidelines. Modifications required to create the most downforce with a Soft Spring/Big Bar chassis
- Race tire selection and tuning with stagger and air pressure.
- Brake component selection and mounting
- Race track chassis tuning and analyzing suspension balance problems.
- Driving tips for tuning the chassis.
- Choosing the correct chassis adjustments to create a balanced suspension.

9 a.m. - 5 p.m.

Occurs the same weekend as the IMIS Trade Show in Indianapolis, IN

Saturday, December 14, 2013 &
Sunday, December 15, 2013

Register Today!

Space Is Limited
&
Seats Fill Up Fast

This 2 day stock car seminar will be presented by Freddie Query of Mooresville, N.C. Winning countless stock car races in the south against some of the toughest competitors, Freddie knows many tricks of the trade. Years of racing experience, first as a driver and then as mechanic, as well as years of teaching gives Freddie the perfect background to inform racers of the best way to achieve winning results.

\$550⁰⁰

for both days

Chassis Seminar

Seminar begins at 9 a.m. at Advanced Racing Suspensions,
West Building

PERSONAL INFORMATION:

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

TYPE OF RACE CAR:

Straight Rail Chassis Perimeter Chassis Stock Front Clip

Modified Mini-Cup Other

Type of Chassis Currently Using: _____

Years of Racing Experience: _____

Driver Owner Crew Member Other

PAYMENT INFORMATION:

Check Money Order (Note: Checks and money orders must be received 10 days prior to the seminar. They will be returned to sender if the seminar is full at time they are received.)

Credit Card Card Type: Master Card Visa American Express

Name as it appears on card: _____

Card Number _____ Exp. Date _____ Security Code _____



Advanced Racing
Suspensions, Inc.

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Indianapolis, IN 46214

Phone (317) 271-7100

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