

# THE 7 SECRETS OF SUSPENSION SET-UP & TUNING



*"Ron takes suspension design concepts and breaks them down to bite size chunks. It is high tech suspension knowledge made easy to understand." - Ron Myers*

*"This is great stuff, very well explained & understandable for someone like myself that is fairly new to car building, and driving on road courses." - Dale Tollefson*

*"I really appreciate the aggregation in terms an average guy can understand." - Ryan Erickson*

*"Anything Ron works with gets faster." - Ramey Womer*

*"Thanks Ron, you make this stuff easy to learn." - Jerry Hops*

## **Workshop Topics:**

- ★ **Proven Methods to Set Up Any Car for Balanced, Neutral Handling**
- ★ **Learn the Keys to Amazing GRIP & Increased Corner Speeds!**
- ★ **Simple Ways to Understand Suspension & Steering Geometry**
- ★ **"Secret Sauce" Shock Valving - Why, How & What it Does!**
- ★ **Evaluating the Suspension Strategies for YOUR Goals & Use**
- ★ **Learn the Secrets to Awesome Brakes for Track & Street**
- ★ **Aerodynamics Made Easy - Learn What Works for Your Car**



# What is Ron's Workshop About?

From old school conventional to cutting edge modern suspension set-ups ... veteran race car designer, builder & crew chief Ron Sutton will take the myth, mystery, smoke & mirrors out of suspensions, roll centers, steering, geometry, tires, shocks, aerodynamics and more. Ron is known for making complex things simple to understand by using less engineer terminology and more plain English "car guy" terms.

- ➔ The Secrets to Increase Grip !!!
- ➔ Tuning Tips to Balance YOUR Handling
- ➔ Achieve Maximum & Balanced Braking
- ➔ Simplifying Front Suspension Geometry
- ➔ Understanding & Utilizing Roll Centers
- ➔ Camber, Caster & Spindle Combinations
- ➔ Optimizing Steering Geometry
- ➔ Advanced Shock Valving for More Grip
- ➔ Picking the Best Spring & Sway Bar Rates
- ➔ Front End Push: Causes & Solutions
- ➔ Comparing Rear Suspension Designs
- ➔ Keys to Building Safer Track Cars
- ➔ Simple Aerodynamic Aids to Increase Grip
- ➔ Utilizing Software & Data Acquisition

## Who is this Workshop For?

★ **PRO-TOURING**  
★ **G-MACHINES**  
★ **STREET PERFORMANCE**

★ **AUTOCROSS**  
★ **ROAD COURSE**  
★ **TRACK CARS**



## What Makes Ron's Workshop Unique?

- \*35 Years of Designing, Building, Tuning & Racing Cars in all forms of professional & sportsman racing with 498 Wins
- \*Ron Speaks "Car Guy" ... not NASA Rocket Scientist speak
- \*Learn How Suspensions & Steering Work in Plain English
- \*Having Done Hundreds of Workshops ... Ron Knows How to Make Learning Complex Stuff Easy, Fun & Enjoyable

**Ron says, "I'm OLD ... Don't Miss This Opportunity!"**

**"I have a five year plan that includes conducting this powerful workshop topic ONE YEAR ONLY ... THIS YEAR. That's it. I won't be offering this topic again ... for the next five years ... maybe ever."**

### Bonus:

Ron Sutton will be on hand each day at the track event to offer tuning advice & driver coaching to the workshop participants competing in Autocross, Brake Stop or Track activities.

**[www.RonSuttonRaceTechnology.com](http://www.RonSuttonRaceTechnology.com)**



# Workshop Round Table Q&A with Manufacturer Experts

Ron Assembled a team top experts as guest speakers participating in a Round Table Q&A Session in the final hour of the workshop. Workshop participants can ask direct questions of veterans with years of real world experience and knowledge in the key areas of Suspension, Shocks, Brakes, Wheels, Coatings & Data Acquisition.

**ridetech**  **JET-HOT**<sup>®</sup>  
HIGH PERFORMANCE COATINGS

**STOPTECH**  
HIGH PERFORMANCE BRAKE SYSTEMS<sup>®</sup>

**FORGELINE**  
Forged Alloy Wheels

**RACEPAK**  
AN MSD COMPANY

## Why Attend this Workshop?

- ➔ 8 Out of 10 Autocross & Track Day Cars Struggle from Lack of Proper Set-up & Tuning
- ➔ Make Your Car Handle Better, Be Faster on Track & More Fun to Drive
- ➔ Quit "Trial & Error Tuning" - Learn Exactly How to Make Your Car Handle Better
- ➔ Cure Frustrating Handling & Braking to More Fun Driving Experiences
- ➔ Master How to Balance the Handling of Your Car for Neutral Cornering
- ➔ Get Your Car Handling Consistent ... So You can Focus on Driving & Fun
- ➔ Stop "Just Doing OK" & Become Quicker, More Competitive at Track Events
- ➔ Learn How to Outsmart the Competition ... Not Outspend Them!
- ➔ Get the Most Performance Out of Your Car & the Most Fun Out of Your Track Days

## BIG BONUS: 7 Secrets of Suspension Set-up & Tuning Book Included at No Extra Charge - Thanks **JET-HOT**<sup>®</sup>

HIGH PERFORMANCE COATINGS

Jet-Hot is the leader in High Performance Coatings ... and in car guy education. The Team at Jet-Hot is buying all workshop participants a copy of Ron Sutton's new \$49.95, full color book. That's right. Jet-Hot is buying a copy of the "7 Secrets of Suspension Set-Up & Tuning" book for **EVERY** workshop participant. This 200+ page book is the quintessential book to master grip, balance, tuning, brakes & aero for Autocross, Track Day & Pro-Touring cars.

### THE 7 SECRETS OF SUSPENSION SET-UP & TUNING

- ★ Proven Methods to Get the Best Car for Maximum, Neutral Handling
- ★ Learn the Ways to Maximize Cornering Grip
- ★ Master Ways to Reduce Road Noise & Improve Comfort
- ★ Master Car's Shock System - Why, How & When to Replace
- ★ Mastering the Suspension Techniques for 1000 Horse & More
- ★ Learn the Secrets to Reducing Brakes for Track & Street
- ★ Reducing Road Noise - Learn What Works for Your Car

**Ron Sutton**  
RACE TECHNOLOGY

**www.RonSuttonRaceTechnology.com**



## WORKSHOP DETAILS & TICKET INFORMATION

# Ron Sutton RACE TECHNOLOGY

### 4 WORKSHOP DATES & LOCATIONS

Thursday, July 9 in Columbus, Ohio

- Before Goodguys PPG Nationals

Thursday, Sept 10 in Bowling Green, Kentucky

- Before Holley LS Fest

Thursday, Oct 1 in Fort Worth, Texas

- Before Goodguys Lone Star Nationals

Thursday, Nov 5 in Las Vegas, Nevada

- Before OPTIMA Ultimate Street Car Invitational

### WORKSHOP TICKETS

Ron Sutton Workshop Regular Price : \$1500

- ONLY \$349 Due to Huge Sponsor Support
- Early Bird Special \$299 - Buy in Advance & Save
- 100% No-Nonsense Money-Back Guarantee

Tickets at [RonSuttonRaceTechnology.com](http://RonSuttonRaceTechnology.com)

- Or Email: [Ron@RonSuttonRaceTechnology.com](mailto:Ron@RonSuttonRaceTechnology.com)
- 4-Course Lunch & Beverage- Thanks **ridetech**
- 3-Ring Binder, Workbook, Set-up & Track Forms
- Quality Black T-Shirt with Full Color Graphics

All Workshops Start at 8AM Sharp & End Around 5PM

### Workshop Supporting Partners

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## STOPOTECH

HIGH PERFORMANCE BRAKE SYSTEMS®



These companies are true partners in helping me bring this book & workshop tour to you. Their financial support brought the workshop price down from \$1500 to only \$299. In addition Ridetech sprang for a 4-course lunch for everyone & Jet-Hot bought every attendee a copy of my new book. Lastly, some very sharp, high demand, people made time to travel & participate in the Manufacturer's Q&A Session to answer your questions at the end of the workshop. I'm very appreciative of their support & participation. I hope to see you there! - Ron Sutton