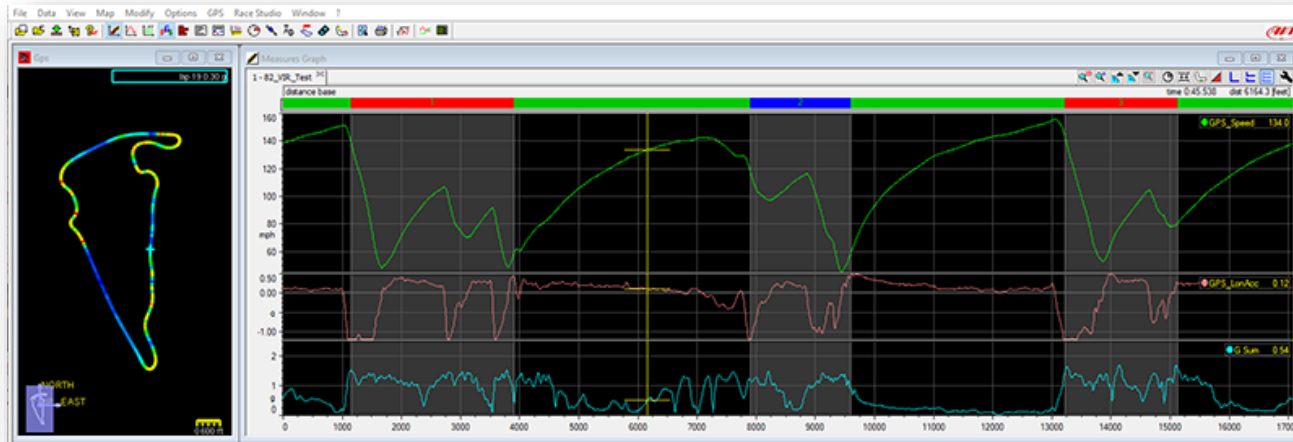




Co-Host:
Kenton Koch
Kenton Koch Racing

Webinar Series

Bringing Data Support and Training to You

Identifying Correct Driving Techniques
Using Data Analysis

2020 Webinar #45

www.aimsports.com



YouTube

1.800.718.9090

September 1st, 2020

Kenton Koch

www.kentonkochracing.com

kenton@kentonkochracing.com

Driver Coaching, Management, Driver/Co-Driver

- In Motorsports the Last 16 Years
- Driver Coaching the Last 6 Years
- Skip Barber and Mazda Scholarships



KENTON KOCH

- Winner from Karting to Daytona 24
- Recently Competing in IMSA and SRO
- Currently in SRO GT4 SX Series



www.aimsports.com



YouTube

Kenton Koch

KentonKochRacing.com
kenton@kentonkochracing.com



Measures and Laps

Measures Laps User Profiles

Per Lap Color Sort Channels

Tests Loaded:

MATHS_Andrew_MuleHT8_VIR_VA_Warm-up

4 02:11.308

Measures:

GPS_Speed [mph]	123.4
RearDiffCk [%]	0.07
ECU_Rpm [rpm]	7062
ECU_Pedal_Pos [%]	99.500
ECU_Water_T [°F]	198
Oil_Temp [°F]	223.0
ECU_Lambda [A/F]	0.85
ECU_Spark_Adv [deg]	
ECU_Intake_Air_T [°F]	
External_Voltage [V]	
GearRatio [ratio]	
LambdaFiltered []	0.851
Spark_AdvFiltered [deg]	-18.50
OverRev [sec]	
OverRevFiltered [sec]	
ECU_SpeedCheck [diff]	
AFR [ratio]	12.51
AFR_Filt [ratio]	12.51
AvgRearWheelSpeed [mph]	
RPS_Diff [°]	
ECU_SpeedCheck [diff]	
GPS_LatAcc [g]	-0.09
GPS_LonAcc [g]	
GPS_Slope [deg]	
InlineAcc [g]	
LateralAcc [g]	
VerticalAcc [g]	-1.43
PitchRate [deg/s]	
RollRate [deg/s]	
YawRate [deg/s]	
GPS_PosAccuracy [ft]	1.940
GPS_Healt [ft]	15
GPS_Gyro [deg/s]	-0.9
GPS_Heading [deg]	-23.8
GPS_Altitude [m]	142.96
GPS_SpdAccuracy [ft]	0.157
GPS_Healt [ft]	1.71 E

Coaching Background

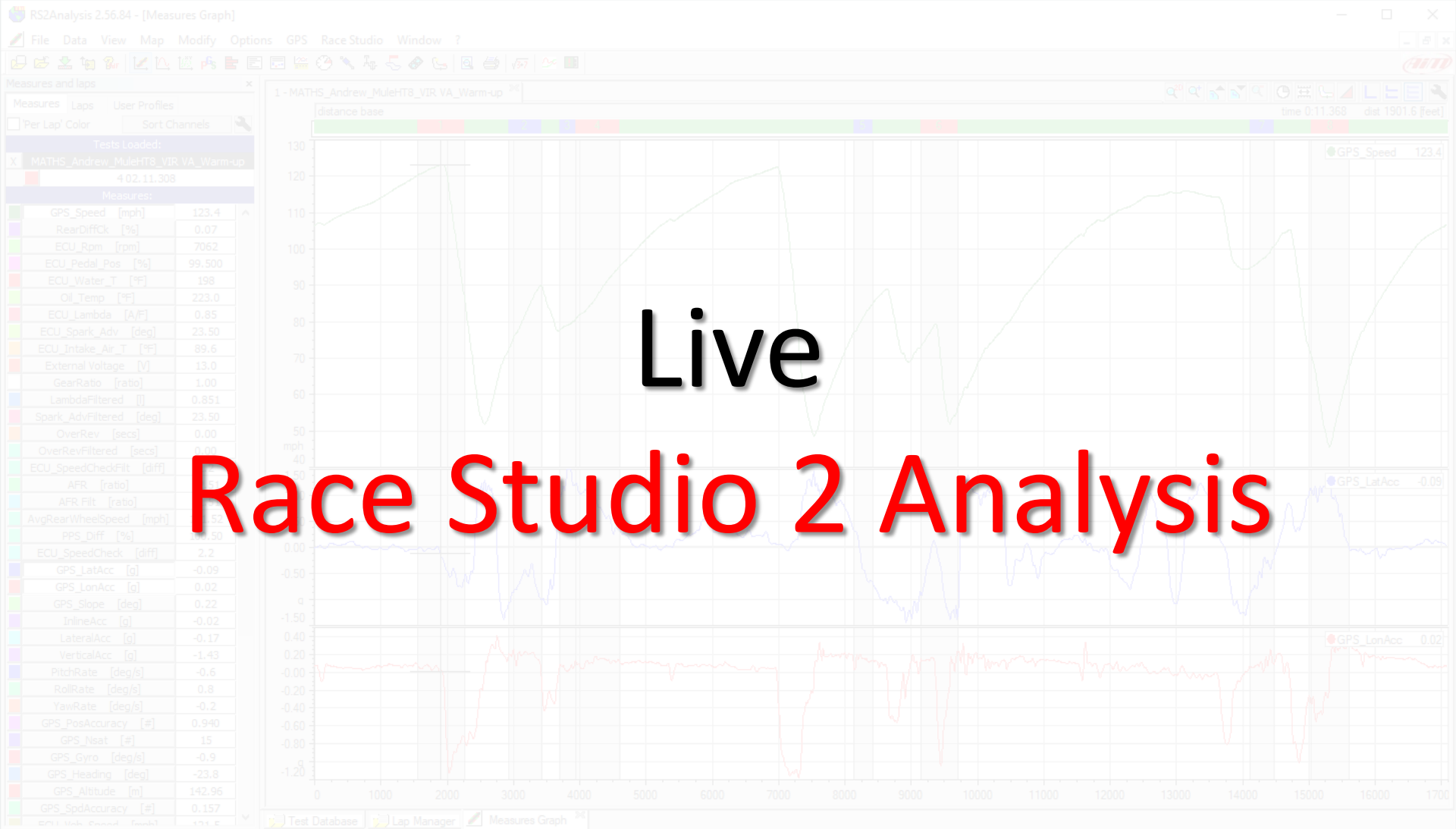
- Skip Barber was my First and Only Instruction
- Self Taught Driving
- Coaching at Skip Barber Coached me How to Coach
- Private Coaching

1 - MATHS_Andrew_MuleHT8_VIR_VA_Warm-up



Tools and Processes

- Trackside With a Radio
- Making Things Simple
- Utilizing Data and Video
- Explaining the Reasoning Behind the Feedback
- Boiling it Down
- iRacing
- (Not Doing Right Seat, for Me)
- Live Video is Becoming a Good Substitute



Live Race Studio 2 Analysis

LearnFast™ E-Training Video

Currently 111 Videos and Growing

 **YouTube** www.youtube.com/aimdata



AiM LearnFast™
Co-Host:
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Kenton Koch Racing

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- All New Bi-Weekly 2020 Webinar Videos
- Software Updates with Race Studio 3
- Pre-Calculated Gear Position Function
- Configuring WiFi Communication
- Customizing AiM Device Logos
- Race Studio 3 Basic Configuration - Part 1
- Race Studio 3 Basic Configuration - Part 2
- **I Have Downloaded my Data, Now What - Part 1*
- **I Have Downloaded my Data, Now What - Part 2*
- GPS Lap Insert
- Data Views
- Measure Units
- Sort Channels
- Test Properties
- Per Lap Color
- Export Tests
- Channel Reports
- Setting Time
- Track Mapping
- Selection Criteria
- Sensor Calibration
- Conditional Alarms
- Gear Position
- Firmware Update
- Solo Configuration
- Transmit Tracks
- Gps Manager Overview
- New GPS Track
- Webinars

** Most Popular and Recommended*

www.aimsports.com     **YouTube**

Additional Materials

LearnFast™ E-Training Video



RS2Analysis 2.56.84 - [Measures Graph]

File Data View Map Modify Options GPS RaceStudio Window ?

Measures and Laps

Measures Laps User Profiles

Per Lap Color Sort Channels

Tests Loaded:

MATHS_Andrew_MuleHT8_VIR_VA_Warm-up

130

4 02:11.3

Measures:

GPS_Speed [km/h]		
RearDiffCk [rpm]	7062	100
ECU_Rpm [rpm]	99.500	
ECU_Pedal_Pos [%]		
ECU_Water_T [°F]		
Oil_Temp [°F]	0.85	
ECU_Lambda [A/F]		
ECU_Spark_Adv [deg]		
ECU_Intake_Air_T [°F]		
External_Voltage [V]	13.0	
GearRatio [ratio]	1.00	
LambdaFiltered []	0.851	60
Spark_AdvFiltered [deg]	23.50	

1 - MATHS_Andrew_MuleHT8_VIR_VA_Warm-up

distance base

time 0:11.368 dist 1301.6 feet

123.4

Customer Support

AiM Sports technical support staff regularly attend races and other events

Call us at 1-800-718-9090 and Look for us at a track near you!



A black and white photograph of a white AiM Rumble van parked next to a large black banner that reads 'RUMBLE' in a stylized font. The van has the AiM logo on its side.



A photograph of a technician wearing a black AiM Racing Data Power shirt, working on the engine of a blue car. The car has an AiM logo and a 'Precision' badge on the hood.



A photograph of an AiM booth at a race event. A man in a black AiM shirt stands under a red AiM canopy tent. A white AiM Rumble van and a motorcycle are also visible.

www.aimsports.com

 YouTube

Customer Support

At an Event Near You!



AiM
LearnFast™

Next Webinar

Thursday Sept 3rd, 2020

10:00am Pac / 1:00pm East



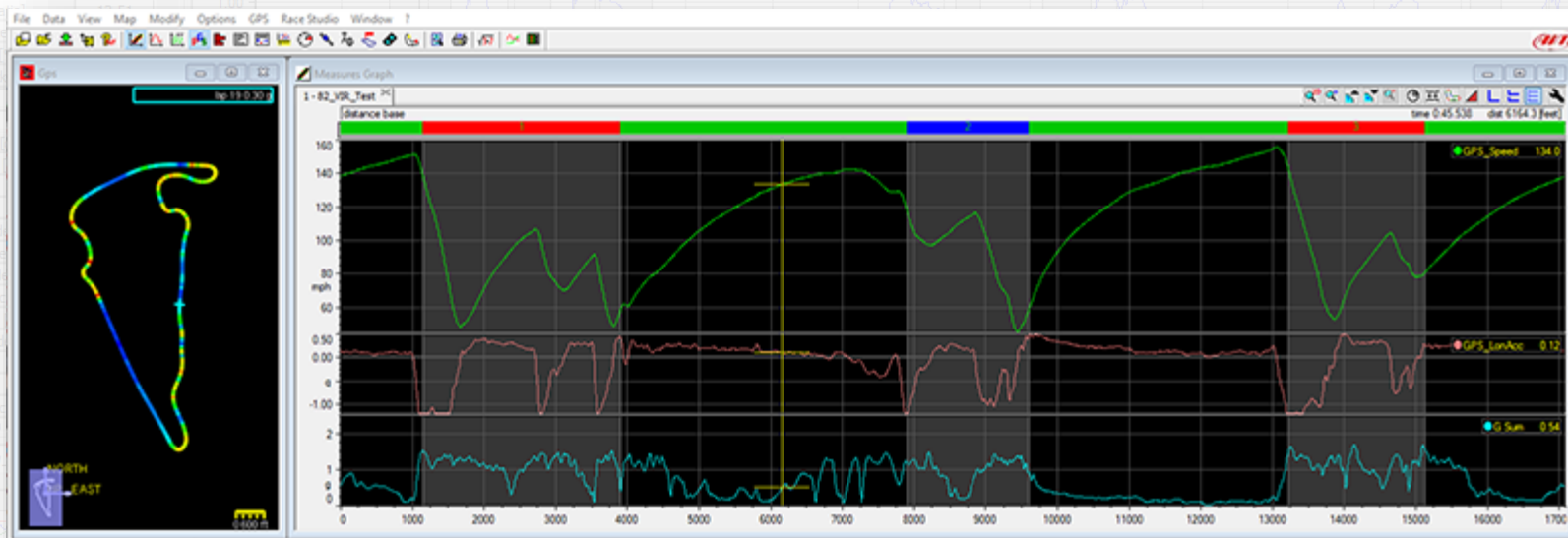
Host

Roger Caddell

AiM Sports National Training Manager



Suspension Analysis in Race Studio 2 Analysis



www.aimsports.com

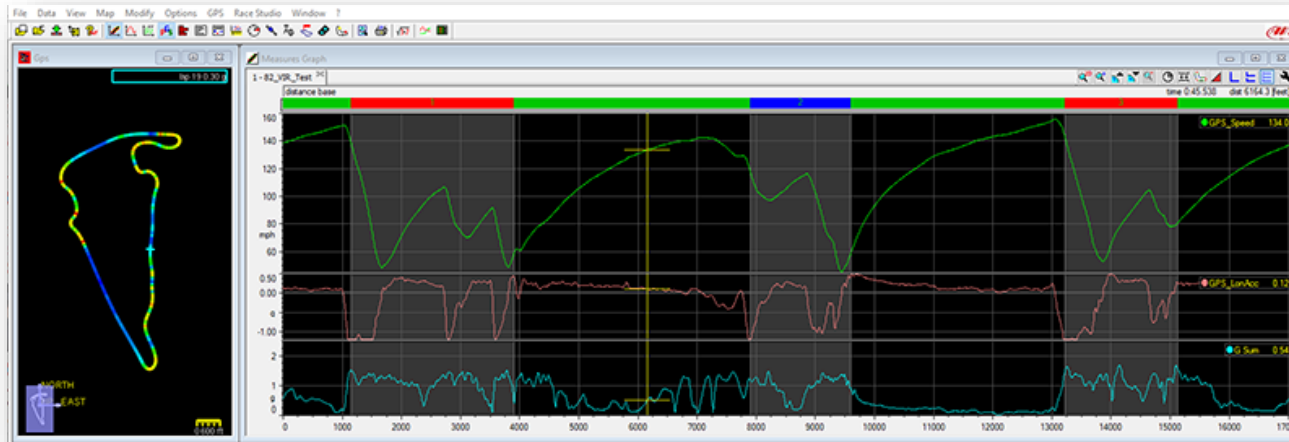


YouTube

Next Webinar Topic

Suspension Analysis





Contact Info

Roger Caddell

roger@aimsports.com
www.aimsports.com

Kenton Koch

kenton@kentonkochracing.com
www.kentonkochracing.com

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