

# UNEXPECTED ROADS

Motorsports pause, but multi-time Solo National Champ and Time Trials competitor Brian Kuehl is preparing for the return of fun





MIND GAMES There's more to road racing than the car



FLAGGED Randy Pobst's deep dive into racing flags TRACK YARIS We build an unsuspecting

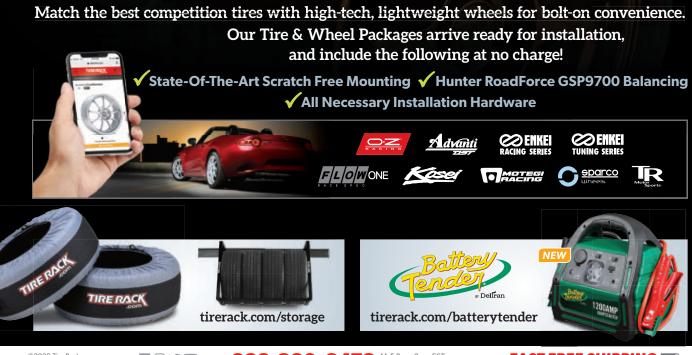
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COVER PHOTOGRAPHY Geoffrey Bolt





#### IN TRIBUTE

Adam Andretti opened the 2020 SCCA Pro Racing Trans Am Series at Sebring International Raceway behind the wheel of the No. 43 ECC Motorsports Dodge Challenger. The car number, "Petty Blue" coloring, and STP-style logo honored his late brother, IndyCar, NASCAR, and IMSA driver John Andretti, who lost his fight with colon cancer on Jan. 30, 2020.

DATE Feb. 30, 2020

LOCATION Sebring, Fla.

WHAT SCCA Pro Racing Trans Am Series

PHOTOGRAPHER Chris Clark



#### PACKED PLAYGROUND

A breathtaking 57 SRF3 racers took the green during the opening round of the 2020 Hoosier Super Tour at Sebring International Raceway. The Super Tour then traveled to Circuit of the Americas and Buttonwillow Raceway Park before being postponed due to COVID-19.

**DATE** Jan. 11, 2020

LOCATION Sebring, Fla. WHAT Hoosier Racing Tire SCCA Super Tour

PHOTOGRAPHER Dave Green





MIKE COBB PRESIDENT & CEO, SCCA INC.

# WEATHERING THE STORM

"This issue of SportsCar focuses on something we have always had a pretty good supply of across the SCCA - great drivers. But as good as many of us might be as drivers, if we do not have the venues at which to exercise our passion, it's all for naught."

hat was the opening line of the column that I wrote back on March 2, 2020. It spoke to the challenges we need to overcome to get and hold onto Solo and RallyCross venues, and to a lesser degree, road racing venues - certainly an important obstacle to overcome in our longer-term future. But now we have a much more pressing challenge to overcome in the short term: Most of us have no access to motorsports venues at which to exercise our passion due to the rapid outbreak of the novel coronavirus across the U.S. and the world.

"We want to be transparent about the fact that the SCCA experience may look a little different in the coming months"

> In the three weeks between writing my original column and the one you're reading now, our world has shifted dramatically. Moving fast to gear up for our busy race season has been replaced by moving just as fast to reschedule or cancel events across the country, in service of doing our part to help mitigate the spread of the virus. Our number one priority is to keep all SCCA members, volunteers, drivers, event leaders, and staff safe, and we must be flexible to do so. Some days it seems as though we can't move quite fast enough to keep up with all the

changes and mandates being made at federal, state and local levels.

Words and concepts that seemed somewhat foreign just three weeks ago are now part of our everyday existence: social distancing, public gathering bans, stay-at-home orders, selfguarantine, shelter in place, asking that all nonessential businesses close, the concept of life-sustaining businesses, and more. The rapidly changing environment we find ourselves in also means that this updated column (re-written at 5:08 a.m. CDT on March 23, 2020) is undoubtedly outdated as you read it. But even so, I want to share a few thoughts on how we are working to weather this storm and protect our future.

#### EVENT IMPACTS

Like many across the broader motorsports community (and well beyond), we have postponed or canceled National events scheduled in late March and early April. It is likely that we will see additional events impacted until any or all regulatory mandates and restrictions are lifted, and until we can ensure a safe environment for all members and participants at our events.

#### **BUSINESS IMPACTS**

Facing the reality that we will have far fewer SCCA events - of all types - occurring across the country this year, and given the current expansion of self-quarantine mandates, we will likely have to reduce operating hours and support levels provided by the SCCA National Office.

#### COMMUNICATION

It is our goal to keep you updated on the SCCA news you want and need to know, without overwhelming your e-mail inboxes. You can expect an e-mail from us every Tuesday, which makes sure you, and the SCCA's 115 Regions, receive the necessary information. And - since our website is the fastest way to share new information with our SCCA family - you'll find our most recent updates to the above, as well as any other urgent communications on our homepage at scca.com.

#### PROTECTING SCCA'S FUTURE

There is no denying that our lives will be changed due to this pandemic, and the SCCA life is no exception. We want to be transparent about the fact that the SCCA experience may look a little different in the coming months as we emerge and recover from this crisis. But, the SCCA family has made it through hard times before, and we will get through this by staying healthy, being safe, and sticking together as One Team.

Thank you for your continued support as we navigate this challenge, and I look forward to seeing all of you out on course very soon. •

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**Leggera HLT** 17 18 19 20 21



**indy HLT** 18 19 20



4

**Ultraleggera HLT** 19-20





#### LATEST UPDATES ON SCCA PRO RACING SERIES

Because of the COVID-19 virus, pro racing series have postponed their series, including SCCA Pro Racing sanctioned events like the F4 U.S. Championship, Formula Regional Americas, and Trans Am. At the time of publication, some series had launched virtual race seasons in the interim, while others were still developing their path forward. For the latest news, check out f4uschampionship, framericas.com, and gotransam.com.



# UPDATE COVID-19 NEWS

agazines are often printed weeks before reaching your mailbox. As such, when this issue of SportsCar printed, the nation was beginning the process of hunkering down to wait out the COVID-19 pandemic. As the U.S. government began to encourage social distancing, the SCCA and its Regions put humankind first, canceling and postponing events. From autocrosses to RallyCrosses to RoadRallies and road races, SCCA events stood vacant while everyone waited for the worst to pass.

You read this issue of SportsCar knowing the realities of the moment, while at the time this issue was produced, we could only guess what was to come. To that end, we have attempted to edit the issue in a positive light, but without proving tone deaf to reality. Our ultimate hope was to make this magazine a beacon of normalcy. But, just in case we missed the mark, we want to apologize in advance for any shortfalls in our editorial judgment.

None of this is to say that we stay mum on the global pandemic. SCCA President and CEO Mike Cobb addresses COVID-19 on pg. 10, and *SportsCar's* editor does the same on pg. 78, but everything else, we hope, makes you anticipate the days to come, when SCCA members socialize once more in the parking lots, dirt fields, and racetracks of America.

For SCCA's latest COVID-19 updates and statements, head to scca.com. •



# FR AMERICAS LAUNCHES ONLINE RACE SEASON

W ith motorsports grinding to a temporary halt due to COVID-19, race organizers were quick to setup a variety of online racing series utilizing existing professional racers competing online, often utilizing iRacing as the foundation for the online race series.

The iRacing platform is nothing new to many racers, including the SCCA and its membership. For a while now, SCCA has partnered with iRacing for the SCCA Spec racer Ford Challenge, an eMotorsports series that utilizes the SCCA Enterprises Spec Racer Ford Gen3 racecar as the basis for a multi-race series. Now, however, these eMotorsports virtual racing series are getting serious.

Case in point, the SCCA Pro Racing Formula Regional Americas Championship Powered by Honda has partnered with iRacing to build an online race season called the FR Americas iRacing Invitational Championship, allowing racing to continue despite the physical series being delayed.

"The event was created for fans and drivers to keep engaged following the postponement of the season opener at Michelin Raceway Road Atlanta due to the COVID-19 virus pandemic," the series stated in a press release. "The multi-race simulation championship will feature current FR Americas competitors, Formula Pro USA Championship FR drivers, as well as FR Americas alumni, competing on the same legendary circuits the championship will visit during the regular season, with one bonus North American track picked by fans."

The FR Americas iRacing Invitational Championship race season has already begun, but there are a number of races that fans can still view livestreamed over FR Americas Twitch and YouTube channels.

For more information, visit FRAmericas.com. •

# FR AMERICAS 2020 iRACING INVITATIONAL CHAMPIONSHIP SCHEDULE

The sche	dule below has been modified to include only upcoming events		
DATE	E BROADCAST TIME (ET) / VIRTUAL TRACK		
April 14	7pm / Barber Motorsports Park coverage		
April 21	7pm / Canadian Tire Motorsports Park		
April 28	7pm / Sebring International Raceway		
May 5	7pm / Season Finale Fans Choice (voting held on @framericas Instagram)		



#### **BONDURANT TO LAUNCH F4 RACING SCHOOL**

The Bondurant High Performance Driving School is launching its new Formula 4 open-wheel race car training program, giving drivers and auto enthusiasts the opportunity to train in a competitive, modern, and state-of-the-art, single-seat, open-wheel car. As the official school of the SCCA Pro Racing F4 U.S. Championship, drivers will train in exactly the same trimmed Honda-powered Ligier JS F4 car as competitors use in the national FIA-supported championship.

Fit Open-wheel Race Car Training Program - / Bondurant? (Starting at only \$5,888 and aply

#### **A NEW NAME**

FR Americas is a new name for the F3 Americas series The cars and racing action, however, remain iust as intense.



## F3 REBRANDS AS FR AMERICAS CHAMPIONSHIP

he newest rung in the Honda-powered SCCA Pro Racing open-wheel ladder will kick off the 2020 season with a new name. The SCCA Pro Racing F3 Americas Championship is updating its name to Formula Regional Americas Championship Powered by Honda to align with the FIA single-seater development pathway. The name update will now allow the championship to support FIA events in North America.

Slotted between the entry-level FIA supported Formula 4 United States Championship Powered by Honda and the FIA Formula 3 Championship abroad and Indy Lights domestically, the Formula Regional Americas Championship will continue to build on the FIA philosophy of using common components to provide a cost-efficient, reliable and powerful racing structure as drivers ascend through the levels on their way to U.S.

or global racing success.

The FR Americas package, which includes the first introduction of the Halo in North America, comprises a 303-horsepower Honda Civic Type-R turbocharged K20C1 motor, Ligier JS F3 chassis, and a set of Hankook Tires, while meeting the FIA price-cap of \$134,000.

For more information on Formula Regional Americas Championship, visit FRAmericas.com.

# SCCA LAUNCHES SOCIAL MEDIA GUIDELINES

n a multiyear effort to enhance the experience of being an SCCA member, the SCCA is enacting a new social media policy. For some time, social media has played an integral role in reaching out to, communicating with, growing, and retaining members. As it is a way to give automotive and motorsports enthusiasts direct interaction with the SCCA, its events, partners, and sponsors, it is essential to have a policy in place to set and

maintain standards. The goal is to ensure that the SCCA brand is exclusively utilized in social media spaces that promote positive and respectful communication and are tied to SCCA's programs and Regions.

This is another step in the organization's overall

commitment to the creation of a welcoming and member-friendly atmosphere, as reflected in the Club's mission statement: To fuel a safe, fun and exciting motorsports experience for automotive enthusiasts.

The policy does not - and is not - intended to limit what SCCA members can post in their own social media spaces. The SCCA encourages its members, Region leaders, officials, and volunteers



to be champions on behalf of the Club, and social media allows people to do that easily. Members are allowed - and urged - to share their SCCA experiences and ideas, as well as questions or concerns as they see fit. For more information,

head to scca.com 

Mathematical Action (19)



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#### **CHECKERED FLAG: JACK HANIFAN**

Sadly, we note the passing of Jack Hanifan, a 45-year Mohawk-Hudson Region member. Jack started as a pit and paddock marshal and soon became a competition driver who was also involved in numeroud leadership positions in two Divisions for multiple decades.





## TRANS AM VIDEO STREAMING APP LAUNCHED AT SEBRING

With the largest in-person crowd on hand for the event in recent memory, as well as a new global digital broadcast package that allowed fans to tune in globally via the new Trans Am by Pirelli Racing app, Trans Am Series presented by Pirelli reached a large and growing audience as it launched its 54th season at Sebring International Raceway on Feb. 29-March 1, 2020.

More than 40 countries worldwide, as far away as Japan, watched the firebreathing American machinery take the green on Sunday as both 100-mile races were streamed live on the new Trans Am by Pirelli Racing app. "The feedback that we

got from our fans at the track, through emails, and



especially on social media, was overwhelmingly positive as we launched this program at Sebring," said Trans Am **Company President John** Clagett. "Downloads of our new app exceeded our expectations, and the GreenLight TV group did a great job capturing the excitement of Trans Am racing and the NAGRA team provided a ground-breaking app for fans to watch it on. It is really an exciting new chapter for Trans Am to have the opportunity to reach an international audience the way we can through this app, and we expect that audience to grow quickly."

The Trans Am app allows fans access to a variety of content including live videos of select practice and qualifying Trans Am on-track sessions, fully produced video stream with live commentary and scoring, the ability for fans to switch to other cameras of their choice, race highlights and replays, race results, and series news.

The Trans Am app is available for iOS and Android in their respective app stores. •

#### MEMBERSHIP LEADERS

To find out how to earn discounts and be entered into drawings for cool swag, go to www.scca.com/pages/ membership-referral-program

#### MEMBERSHIP REFERRAL LEADERS FOR FEBRUARY 2020

	202	•		
NAME	REF	REGION		
Jose de Miguel	3	Puerto Rico		
Gayle Jardine	3	Cal Club		
Warren Leach	3	San Diego		
John Zuccarelli	3	Florida		
John Bower	2	Cal Club		
Deborah Burk	2	Florida		
Elias Clayton	2	Buccaneer		
Carol Deborde	2	Reno		
Charles Dickinsor	12	Mohawk Hudson		
475 additional members have at least one referral.				

#### 

REGION LEADERS				
(Category based on 2019 year-end membership)				
REGION	GROWTH			
JUMBO REGIONS (800+):				
Texas	8.2%			
Oregon	7.7%			
Central Carolinas	5.2%			
LARGE REGIONS (401-799):				
Lone Star	8.8%			
Northwest	8.2%			
Steel Cities	7.0%			
MEDIUM REGIONS (200-400):				
Eastern Tennessee	13.3%			
South Carolina	9.0%			
Tennessee &				
NE Pennsylvania	6.9%			
SMALL REGIONS (<200):				
Wiregrass	35.7%			
Mississippi	28.6%			
South Texas Border	20.3%			

# SCCA Tunes Communication Plan

**S** CCA has launched phase one of its new digital communications strategy aimed at providing you the content you want in more streamlined, easy to find ways. That means fewer e-mails in your inbox, dedicated space on the website for announcements from program leaders, and overall better ways to stay up to speed with SCCA.

In the past, SCCA has sent individual newsletters for most of our programs - like APEX for Road Racing and SoloMatters for Solo - and often sent other stories individually. Now, SCCA is consolidating those into one organization-wide newsletter which will be sent out weekly. Each newsletter will highlight the week's top SCCA announcements and stories and provide links to scca. com and the program news pages to read the full articles.

Anyone with an active account on my.scca.com or any of our websites will automatically receive the newsletter. Don't see it but should? Make sure to check your promotions and spam folders and move it to your inbox so you'll see them in the future. Still don't see it, or don't have an account? No problem! You can sign up to receive the e-mail on scca.com. •

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# RANDY POBST

2-TIME RUNOFFS NATIONAL CHAMPION 3-TIME SOLO NATIONAL CHAMPION 4-TIME PROSOLO CHAMPION 4-TIME WORLD CHALLENGE CHAMPION 2-TIME ROLEX 24 GT WINNER SCCA MEMBER SINCE 1980

# BLACK AND BLUE AND RED

Rookies, listen up! Do not slam on your brakes when you see a flag. You are part of a high-speed river of cars - you will be rammed from behind at great cost and risk. Flags can cause really bad crashes. But when that happens, it's not the flag nor the flagger's fault. It's your fault, driver. And especially you rookies. But we love you and welcome you; and SCCA regulars, it's our responsibility to train this basic concept.

"Rookie and friends of rookies spread the word, the red flag means check your mirrors and ease to a stop"

> Flags are for safety, for your information and communication. The only time and place to slam on your brakes is where everyone expects it, in the normal brake zones. Or when some poor soul is crashing in your path. But even then, your constant awareness of what's going on behind and around you will affect how hard you brake.

The red flag means safely stop. Well, stopping during a race session is very dangerous. Rookies and friends of rookies spread the word, the red flag means check your mirrors and ease to a stop. Oh, the carnage I have seen and experienced from sudden hard braking in surprise places, in the holy name of safety. Check your mirrors, first, in the holy name of safety, and then ease to a stop - you are part of a flow. If this reaches just one new driver, and saves just one smash from behind, then I will feel a great sense of accomplishment. So would you, National driver.

Red flags can be tricky because many of us drive with other organizations, and the rule changes. Some groups use the red just to end a session, no stop. SCCA's GCR says "Come to an immediate, controlled stop at the side of the racetrack." I suggest we add, "Check your mirrors." I always go to driver's meetings, and this is one of several reasons why. I also suggest we add "...on the racing surface," because pulling off the road can cause a fire or get you stuck.

Red flags are rare. We don't get to practice them much. That's another reason I mention them now. A refresher. So: *check your mirrors first*.

Black flags, like red, are a command straight from the big boss, the Chief Steward, to you, Bad Boy or Girl. You must obey - but don't slam on the brakes. However, do go safely to the pits. Black flag all means something is really wrong, and if you haven't seen the reason yet, then the problem is still ahead of you, and it's probably a big deal. Racing and timing have stopped, and there is nothing left to gain, and lots left to lose, like ramming an emergency vehicle or stopped car somewhere just over that blind crest. There is a likely obstruction to the fast flow. Do not be That Guv.

I feel extra motivation because just two days ago the electronics

#### IN THE KNOW

Some flags are commands, like the black flag (LEFT), while others are informational, like the blue flag (BOTTOM).

went nuts in the car I was racing. So, I figured cycle the key to reboot, not considering that this thing was a Porsche PDK automatic, and that the only way to restart it would be to turn the key with a foot on the brake, in neutral or park, no less. Yikes! That's how I ended up parked pretty much on the line

over the blind cresting entry of a tricky-fast Turn 11-12 at Barber Motorsports Park, feeling both idiotic and highly threatened, staring at my mirrors and praying with all my might that the other racers would see the waving yellow and then black flags and not ram me and this high-dollar car to which

"The red and open black flags are commands. You must do this. Just do it smoothly and with awareness"

I'd been entrusted! Yeah, I know better, but that automatic. And thank you, Honored Competitors, you all missed me. Whew!

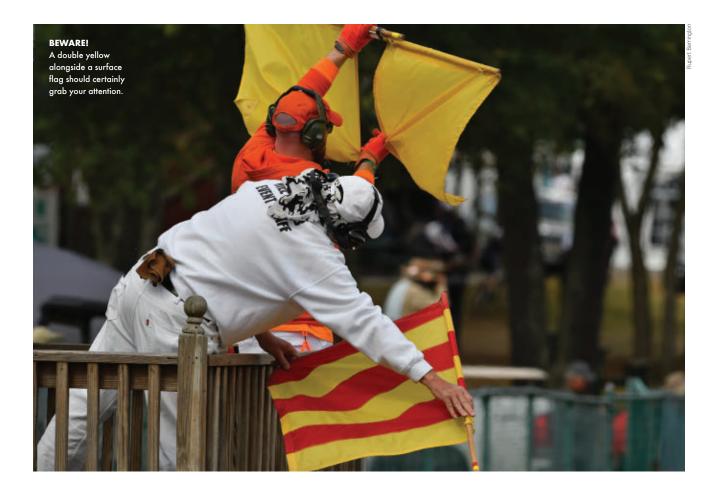
The red and open black flags are commands. You must do this. Just do it smoothly with awareness of what's roaring up behind you. Let's not make this worse. It's one of my top rules of long-term racing enjoyment. Hey, now there's a worthy column idea.

The blue flag is just FYI. Information, usually from the kind flagger to you. Interestingly, it also means check your mirrors. In fact, it *mostly* means check your mirrors. It's just helpful info. It doesn't mean you must let this car by, but you probably should.

Rookies, listen up! The blue flag does not mean to move out of the way. Keep doing what you are doing, please. That fast guy bearing down



#### INSIGHT



on you has already decided where to pass you. Don't move. Don't surprisebrake. Do be aware of incoming traffic. Do make it easy for them to get by. Do leave them a lane inside at the apex to let them through.

"Don't move. Don't surprise-brake. Do be aware of incoming traffic. Do make it easy for them to get by. Do leave them a lane inside"

#### MANY FLAGS

(RIGHT) Road racing involves the use of many flags. As such, racers need to be able to identify all flags instantaneously and act accordingly - and responsibly.

Along with my hero and careerlong mentor Terry Earwood (and thanks, Jim Rogaski and Deanna Flanagan), I currently share the great honor of proposing some additional information about passing for our SCCA GCR, and an important update has to do with blue flag situations and that worthy but potentially disastrous advice: Hold your line.

"Blue flag: Hold your line" means to be predictable and smooth. It

does not mean to take the line for the apex when a much faster car is about to roar by you! It's best to stay a little wide and leave much faster traffic a lane inside you. Stay out of the marbles out there but leave a lane. They'll be fine. They will love you; I certainly will. I'll wave. To paraphrase Elsa from Frozen, "Let 'em gooooo." It's that flow, again. Don't pull out of the way, and don't pull into the way, either. Smoothly cooperate. Leave room for faster or lapping cars to get by, and we'll all live happily ever after.

So, I'm leading at the SCCA National Championship Runoffs, Road Atlanta, 1993, SSC Miata, Michael Galati is right on my tail, and we have a long gap to third. An overzealous flagger at Turn 11 shows us (me) the blue flag. While defending a bit against this great



champion Galati, I roll my eyes. Yes sir, I know he's there, polishing my rear bumper, just like the last three laps. It's an informational flag. I don't have to do anything, just be aware. And believe you me, I'm quite aware.

In sum: Rookies, listen up! Do not slam on the brakes when you see a flag. Even a waving yellow. Check mirrors, ease off, be controlled, and drive smart and smooth. Welcome to the sport and have a great time! •

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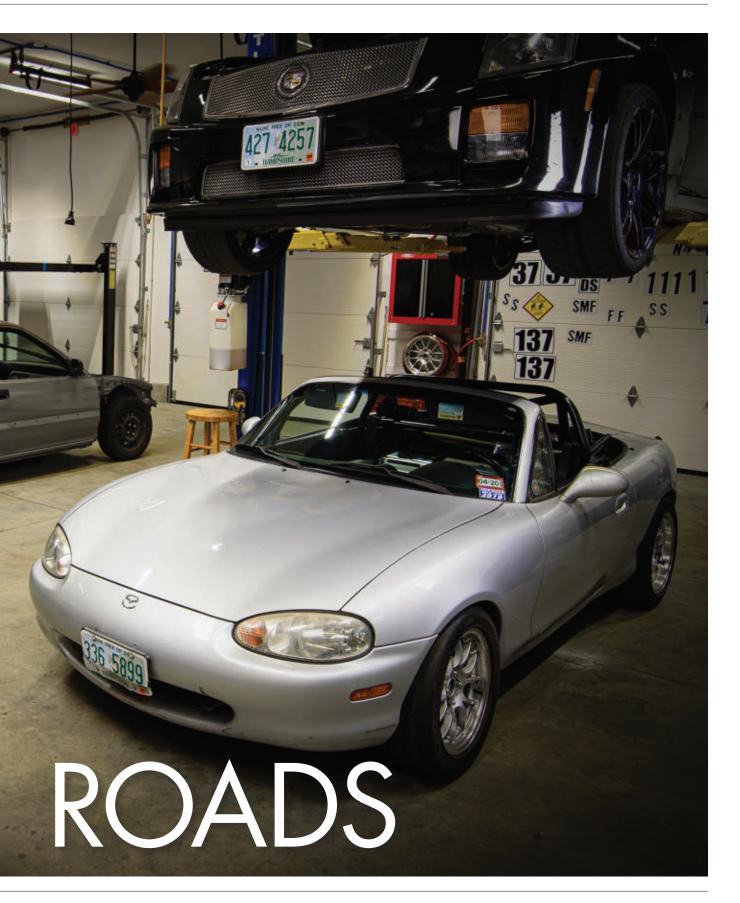
WORK SPACE (MAIN) Brian Kuehl is not lacking for project cars.

t all began right around the time I got my driver's license," three-time SCCA Solo National Champion Brian Kuehl tells me as we chat over the phone. Our conversation was normal enough, Brian in New Hampshire and me in California, but outside our doors stood the early days of the COVID-19 outbreak, the reality of canceled motorsports events, and the fear of a multi-state lockdown. Yet, in an unspoken agreement, our virus conversation was kept to a minimum - we were both longing for the good times to return. So, with that, a chipper 28-year-old Brian, who has recently shifted his focus to SCCA National Time Trials competition, told his tale. And, for that hour within our two homes, the world was normal once more.

Multi-time Solo National Champion-turned-Time Trials competitor Brian Kuehl has one simple goal: have fun with cars. And, today, that means more than anything

WORDS Philip Royle | IMAGES Geoffrey Bolt

# UNEXPECTED





"But before getting my license, when I had my driver's permit, I was trying to get my first car," he continues, telling of his journey through autocross and track competition - a journey that has also changed his dad's automotive outlook. "My dad has always had a soft spot for the modern Honda vehicles, and he was like, 'Let's look at some older stuff,' and eventually we started looking at Del Sols, CRXs, and cars like that," he says. "A buddy of ours had a CRX sitting in his garage that used to be his brother's, and he was going to donate it, and he basically sold us the car for a dollar. It was a 1990 CRX. automatic. bone stock, and in nice shape."

That CRX became a bit of a project. "We spent about a year on it," Brian explains. "We put a new motor in it, we did suspension, the wiring – we did everything ourselves. We built it in our own garage, and even got featured in



UNLIKELY WINNER (ABOVE and TOP) Brian bought a four-door Honda to commute in, but that eventually transformed into an E Prepared Solo National Championship winner. Honda Tuning magazine. It was a really cool accomplishment."

Life, as we know, often steers you down unexpected roads, and that's exactly what happened to Brian. "I later went to a car control clinic in the Family Truckster - sort of like the Tire Rack Street Survival School - and I was telling my instructor about the car that my dad and I built, and it turns out that he used to autocross," Brian says. "He said that he used to autocross CRXs when they were new, and he came up to my dad after the event and said, 'You and your son should try out autocross or get into track days, because he'll probably kill himself on the street with a car that fast.'''

That is how Brian and his father, Don, discovered the SCCA.

The first people Brian and his dad met at an autocross were also owners of a CRX, Alan and Josh Parker, another father-son duo. "They welcomed us in with open arms," he recalls. "And, yeah, we fell in love with the community, and motorsports in general. Then the car slowly evolved from the tuner car into a full-bore autocross car."

With the high level of existing modifications, Brian's CRX fit into the Street Modified ruleset. The journey to multi-time SCCA Solo National Champion status wasn't all smooth sailing, however. "I was actually terrible at the get-go," he admits. "It took me about two years





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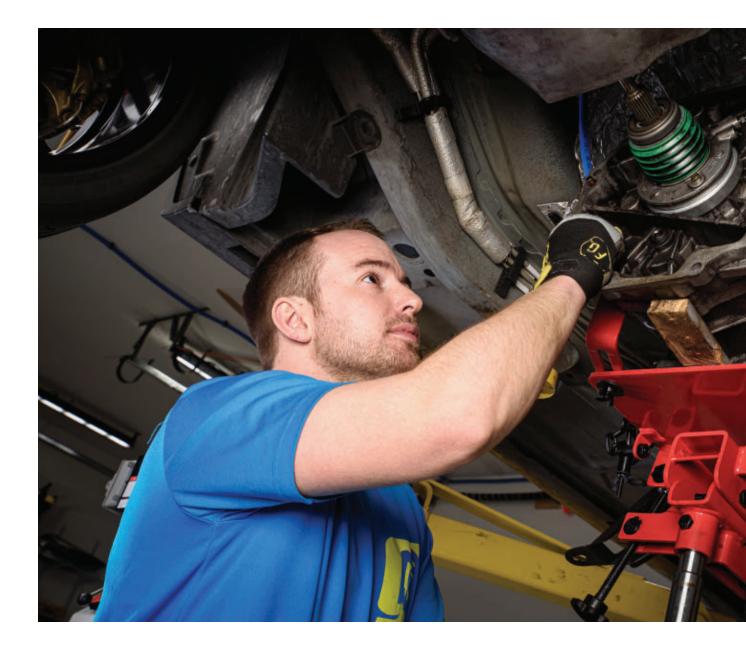
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#### **BUSY HANDS**

(ABOVE) Brian's day job is as an automotive tech, so when it comes to working on his own vehicles, he's very hands-on. to go faster than the guys driving the bone stock CRX. I was pretty awful at it, but I strived to be better."

Brian autocrossed locally for those two years, then someone suggested entering National Solo events. "We started signing up for National events and having fun, and meeting more people, and seeing the more serious side of the community," Brain says of the slippery slope that catches so many of us. "I love the competition. I love the camaraderie. The further down the rabbit hole we went, the car got even better prepped for the class. And then the class split out and SCCA made the front-wheel-drive version, SMF, and our car was right on the money for that.

"We did that for about a decade, and my father has always been my co-driver," Brian says, noting the entire family has become involved. "My mother has gotten into it as well, and my fiancée enjoys autocross. It's been a fun way to hang out and have some fun with cars."

2011 was the first year Brian attended the Tire Rack Solo National

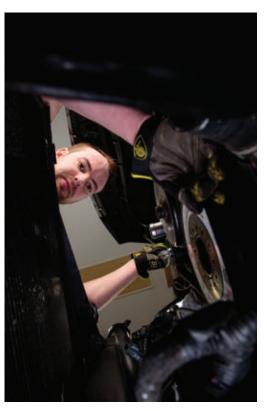
Championships. There, he took his SMF Honda CRX and finished seventh. Returning to the Solo Nationals in 2014, he scored second in the same class. The following year he was back once more, but this time his name appeared at the top of the SMF results sheet, and he scored his first SCCA National Championship title.

It was around this time that SCCA launched Track Night in America Driven by Tire Rack program, and that caught Brian's eye. "I finally had a daily driver, a street car that



#### **NEVER A DULL MOMENT**

(BELOW) Brian has modified, developed, and fine-tuned a number of successful competition vehicles over the years, and he shows no signs of stopping. As such, we're excited to see what his latest project becomes (BOTTOM).







#### "I love driving on track...but I also love the competition aspect of autocross" **BRIAN KUEHL**

was sort of track-worthy, and when SCCA announced Track Night in America, I thought that sounded pretty cool," Brain says of SCCA's program that allows virtually anyone to drive their street cars on the racetrack in a non-competition, low-pressure atmosphere.

The track experience was reminiscent of his first autocross weekend. "It was the same thing," he laughs. "I showed up knowing no one, knowing nothing. But I had a blast, and I decided I wanted to keep coming back."

Brian was also in the midst of another automotive project – project cars, it turns out, are something Brian, now an auto technician, and his father do not lack. "A friend of mine was selling a 1990 Honda Civic sedan that his dad had rotting in his backyard," he says. "He sold it to me for \$300. I drove that for many years [through college], and that eventually turned into my E Prepared autocross car."

That car earned him a thirdplace EP finish at the 2016 Solo Nationals, then landed him the EP National Championship title in 2017. In 2018, he returned to the Solo National Championships in SMF in his old CRX with the very specific goal of winning. Which he did.

"Then last year, SCCA announced the Time Trials National Tour [Powered by Hagerty] and the return of the Time Trials Nationals,"



he says. "I was craving a fresh challenge, something different, and I said, 'That's it - that's the next step that I want to take.'

"I love driving on tracks and participating in Track Night in America events, but I also love the competition aspect of autocross," he explains. "So, when they announced Time Trials, that was exactly what I was looking for. A fresh challenge - a competitive event on the track, but still accessible to real street cars. You don't need a full roll cage and you can drive your car there."

Two cars later - I told you, Brian does not lack for project cars - and he competed at the 2019 Time Trials Nationals in a 2007 Cadillac CTS-V that he'd modified for the event. He also finished third in the Tuner 3 class, an impressive feat considering the competition.

Time Trials National Tours and Time Trials Nationals utilize two distinct competition types in the same weekend: Time Attack and TrackSprint. Time Attack involves



ON TRACK (TOP) Brian competed at the 2019 Time Trials Nationals in a Cadillac CTS-V, with impressive results. (ABOVE) In 2015, Brian drove his SMF Honda CRX to his first Solo National Championship title. traditional lapping for the fastest time. TrackSprint, meanwhile, resembles autocross in that it's a point-to-point competition, but this time on the track. Ironically, Brian struggled the most at the 2019 Time Trials Nationals during the TrackSprint at NCM Motorsports Park. Despite that, TrackSprint is what he loves the most.

"It feels like home," he says. "You have this heightened sense of, 'It needs to happen right now.' You can't blow an apex and then back off and get it on the next lap. Nope, this run is all that matters - you need to get it done right now." Despite the similarities between autocross and track driving, Brian points out that for him, no cone is safe on the track. "The Time Trials staff likes to make fun of me," he chuckles. "They always joke with me that I should learn to drive on the track, autocrosser, because I manage to hit every apex cone, or take out all of the cones on the track."

Next, I posed the obvious question: Between autocross and Time Trials, which is his preference?

"Honestly," he laughs, "whatever it is that's making me enjoy myself, test my limits, and challenge myself, that's what I'm going to do. I have no intention of never going back to the Solo Nationals – I want to go back very badly. And I also want to go back to the Time Trial Nationals. I have a lot of fun doing both.

"I just want to have fun with cars," he concludes. And at that very moment, I snap back to the harsh reality of the day, and I realize just how meaningful that statement is. •



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# FOR THE FUR

We're always looking for ways to have #funwithcars, and a non-competitive track event is exactly that

WORDS Jason Isley | IMAGES Jessica Isley

rack Night in America Driven by Tire Rack and Regional SCCA Track Events lack class rules - and that rules! That's not to say there aren't *any* rules, because safety is always job one, but when it comes to car classifications and modification allowances, the sky's the limit. Want to track your daily driver? No problem! Want to modify your car? Go for it! Ultimately, SCCA's Track Events offer the freedom to do as little or as much as you want to your car so you can focus on the fun.

Track Events can serve other purposes, too. For one, they're super affordable ways to scout tracks you haven't previously visited as a racer. We've also seen racers use SCCA Track Event entries to thank dedicated crewmembers and volunteers, allowing them an easy path to driving on track. But for us, it scratched a nostalgic itch. You see, our multi-time National Championship Runoffs-winning Toyota Yaris racecar retired shortly after it won the 2018 H Production National Championship at Sonoma Raceway, and we haven't run a Yaris on the racetrack since. We do, however, commute in one. And, really, if you can run an SCCA Track Event or Track Night in America event in a base model 2009 Toyota Yaris sedan commuter, you can run one in anything. Look, we'll prove it....

#### WAIT...WHAT?

Yes, we decided to build a Toyota Yaris for Track Events. Why? Because no rules means you can do what you want.

#### STEP 1: OIL

Wanting to maintain a modest level of street comfort, we opted not to go wild with the track prep. Instead, we focused on handling upgrades plus a few items to ensure consistency.

We're bold enough to admit that when it comes to our daily driver, we often go with whatever motor oil is on sale, but with our eyes set on the track, we needed something better. At the same time, we knew a full race oil wasn't the right choice for a number of reasons, so we turned to Red Line Synthetic Oil for the answer.

"Red Line Race Oils are specifically designed with additional anti-wear, ZDDP, for rigors of high speed, heat, and total abuse on the track. It is, however, not recommended for street use due to its higher levels of ZDDP and lower levels of dispersants and detergents," explains Kyle Neal, Director of Business Development at Red Line Synthetic Oil. But to that end, Red Line has an answer. "Red Line High Performance Series is a specially designed product to work in both street and racing conditions," Neal says. "It contains detergents and dispersants for extended drain intervals, with sufficient anti-wear protection for both high lift and flat tappet cams and lifters."

What sets Red Line High Performance apart from other motor oils for your



road-going car is the base stock. "Red Line continues to only use PAO/ester-based oil versus hydro-treated, hydro-cracked mineral oils, or Group III base oils," Neal notes. "This base oil is primarily used to reduce cost, but also requires more additives to perform similar to a PAO/ ester base oil. Red Line still believes you start with the best and make it better - that is why our High-Performance Series still uses PAO/ester base oils throughout the entire series."

For our project, we utilized Red Line's High Performance 5W30, then swapped the factory manual transmission fluid with Red Line MTL LG-4 gear oil.

#### STEP 2: BRAKES

A big part of having a trouble-free track experience is reliable brakes, but what works for sprint or endurance racing isn't necessarily the go-to option for Track Events. "If you're going on the OEM tires, and assuming you're on [at least] a good summer performance 300 treadwear tire, a good semi-metallic pad will suffice," says Edwin Mangune of Hawk Performance. "But it really depends on the vehicle. On a small, lightweight four-cylinder car, they will work well for a while, until the driver starts going faster."

As your experience and comfort level on the track grows, you may find the need for further brake pad upgrades. "I just had this experience with a friend who bought a Civic Type R," Mangune tells us. "He was on the OEM pads, which held up on his first track day event, and then at this second event at the same track he started to experience brake fade. Not enough to kill his track day, but enough to where the pedal was soft, and he had to back off. We went to

the Hawk Performance HPS 5.0 and he had zero problems."

Similarly, as you begin to modify your car in an attempt to achieve quicker lap times, you'll put more demand on the brakes, which may necessitate a pad change. "My friend then went up to a 200 treadwear tire on his Type R, and then he started overheating the HPS 5.0," says Mangune. "The stickier, grippier tires allow him to corner harder,

#### **STOP RIGHT**

From street to track, Hawk Performance offers a variety of brake pads for virtually any situation. You can even run different brake compounds frontto-rear to tune the car's balance.







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accelerate harder, and get on the brakes harder. So, then we went to the Hawk HP+ on the front with HPS 5.0 on the rear, and so far, he loves it."

The lower temperature range performance pads make a great choice for SCCA Track Events because they don't require a lot of heat to work effectively, which also makes them a reasonable choice for your commute, too. "The HP+ is our entry-level race pad, but it's gentle enough on the rotors that it can be used on the street on a daily basis," says Mangune. "What's important is it comes on strong when the

pad is stone cold - you have immediate stopping power, where as a race pad has to be warmed up for it to work."

As is the case with any brake change, proper prep is essential for ideal results, and that includes both the bedding of the pads and rotor prep during the pad change. "Sand the rotor with 80-100-grit sandpaper," Mangune explains. "It's quick - it's not like you're trying to remove paint off the fender. Then start the bed-in process. With any of our pads, we want to slowly get them up to operating temperature

SHOCKING

(BELOW and BOTTOM) Bilstein's affordable B14 suspension kit offers coilover adjustability doubled with performance and comfort.



and then get that pad transfer layer on to the rotor.

While you're working on the brakes, don't ignore the fluid. The fluid on our 2009 model car hadn't been flushed on a regular basis. For this, utilize a brake fluid with a high dry boiling point.

#### **STEP 3: SUSPENSION**

Wanting to improve the cornering ability of our daily driven Yaris, we turned to Bilstein, which offers a wide range of suspension upgrades from performance shocks to complete race-ready coilover systems. Somewhere in the middle was a solution for us: the B14 suspension kit.

Bilstein's B14 suspension kit features adjustable ride height in a direct-fit package, and it is the same kit utilized for many B-Spec road-racing cars. The B14 utilizes monotube performance dampers and they are outfitted with a set of springs that offer a great balance between performance and comfort.

The addition of a set of SPC Performance camber bolts allow us to dial in more front camber to further improve front-end grip and extend tire life on the track. The ease of adjustment also makes it possible to return to a more neutral setup for daily use. All of this can be accomplished in your garage or at the track with just a few specialty items.

To that end, an Intercomp Digital Caster Camber Gauge mounted on a "Dunlop" Wheel Adaptor makes accurate



#### GRIP AND GOOD LOOKS

For our Track Event project car, we opted for a set of proven Yokohama A052 tires mounted on lightweight, durable, and affordable 15x7.5-inch Konig Freeform wheels.

camber readings quick and easy. Additionally, a set of Intercomp Toe Plates allow you to make precise toe changes, further enhancing handling. These two pieces of equipment will pay for themselves in short order as you change from street to track mode at will. For us, these two items were already in our equipment bag from our Runoffs-winning Yaris adventures because we found that if you can't check (and adjust) your alignment at the track, you're flying blind.

#### STEP 4: TIRE AND WHEELS

Arguably, tires make the biggest impact on a car's driving experience. Rather than heading to the track on our economy minded all-season tires, we contacted Yokohama for a set of Advan A052 tires, Yokohama's Extreme Performance Summer tire.

The Advan A052 is specifically designed for high-performance driving, such as autocross and Track Events, and it has already proven its worth at both the Tire Rack Time Trail Nationals Powered by Hagerty as well as the Tire Rack Solo National Championships.

Installing the Advan A052s on OE steel wheels was silly, so we ordered a set of Konig Freeform wheels. The Freeforms have proven wildly popular with both the autocross and track crowd, as they come in a wide range of sizes and, most importantly, it's strong. Konig incorporates Flow Forming Technology in its Freeform wheel, which involves the application of pressure to the inner barrel of the wheel while spinning after it has been cast. The Flow Forming process increases tensile strength, producing qualities similar to those found in a forged wheel. The result of this extra effort is a wheel that's lighter and stronger than a cast wheel, but at a fraction of the cost of a forged unit.

Our 15x7.5-inch Freeform wheels weighed in just a tick over 12lbs each, and the 10-spoke design is both stylish and aids in brake cooling. Meanwhile, the unique Matte Silver finish makes this wheel stand out.

#### STEP 5: FUN

With little effort, we have our daily driver ready for its first SCCA Track Event, and due to the mild nature of the modifications, we know we'll be able to focus on having fun on the track rather than turning wrenches in the pits.

Want to take your daily to the track, too? Head to timetrials. scca.com or tracknightinamerica. com and click the "events" button to find an event near you.



Intercomp's toe plates (ABOVE) are a quick and easy tool that enable rapid alignment changes at home or the track. Intercomp also offers a simple to use - and accurate camber gauge (LEFT).

#### HELMETS: EXTRA PRECAUTION

Safety requirements for many SCCA Track Events are similar to those found at an autocross: You'll need an approved helmet and a pair of closed-toe shoes. However, you always want to read the event's Supplemental Regulations as the rules can vary due to location.

Helmets are an interesting topic, however. Even though a Snell M-rated helmet passes tech for an autocross and can be used for some track events, it may be worth spending a few more dollars and springing for an SA-rated unit. "We always recommend

an SA-rated helmet so that if the driver graduates into some sort of wheel-to-wheel racing, they already have the correct rated helmet," explains Patrick Utt of RaceQuip. "Another factor is that some tracks or other sanctions might require an SA-rated helmet to get on track with them."

Something else to consider before heading to the track is helmet style, as you might want the added protection of a full-face helmet. "We always recommend a full-face helmet for the same reason you would go with an SA instead of M rated, so you can use it in other types of racing or other cars," says Utt. "A fullface helmet obviously provides much more protection to the eyes and face in the event of a fire or other incident."



# RELAX!

Inside a racecar is the best place in the world, but it can also be scary. Racing coach Jim Kearney explains how to stop pre-race jitters from ruining your day WORDS Jim Kearney | IMAGES Philip Royle t gets very quiet on the grid. Your body may be strapped in the racecar ready to race, but your brain may be screaming "jail break!" After all, following the rush to get the racecar prepped, you now find yourself on grid, alone with your thoughts. The question is: Are those thoughts friend or foe?

From where to paddock to the Rubik's Cube of racecar setup choices to pre-race strategy, hundreds - if not thousands - of decisions are made each race weekend. Many of those multitudinous decisions go unnoticed, but others may bubble into your subconscious, leaving worrisome, doubtful thoughts just waiting to creep from your brain at the least opportune time.

You see, racers are often more aware of the condition of their racecar than their own mental state. They obsess about tire pressures but fail to ask: Is my brain in the right gear? Many just hop in, strap down, and hope for the best - but that shouldn't be the case. So, before the next race weekend arrives, let's work on those thoughts.

CONCENTRATION

(LEFT) Pre-race paddock activities can be hectic – once you're strapped into the racecar, what's running through your mind?



#### "WHAT DID I FORGET?"

You can't feel like a superhero if your cape is in the trailer. You need an established process to complete your car prep without fail, allowing you to flip the switch from mechanic to driver. The mechanic looks for what can go wrong, and then prevents it. A driver needs to think that nothing can go wrong. If you are sitting on the grid, worried to death that you forgot to torque the wheels, you're not going to exude confidence.

The fix: The list of things to be forgotten is lengthy. A checklist

"Driving a racecar is a learned activity. Set achievable goals for each race weekend and concentrate on those"

lets you do the work without worry. You want a strong sense of being ready, not a question mark.

"I'M JUST NOT THAT GOOD"

Many drivers harbor the notion that they are permanently doomed to last place. Instead of fretting that others are naturals, why not think about how you can improve? The evidence is overwhelming that successful performers aren't naturals; they work hard at their craft. Also, the more frequently they put in quality time, the better they get. Lamenting that you didn't win some genetic lottery is the ultimate excuse.

The fix: Ask yourself, where are you weak and what is your plan to do something about that? Like virtually every other task known to humankind, driving a racecar is a learned activity. Set achievable goals for each race weekend and concentrate on those.

#### "I'M REALLY NERVOUS. DOES THIS MEAN SOMETHING'S WRONG?" Everybody has nerves. Some drivers are as cool as cucumbers, others are hot tamales, but most are in between. Getting pumped up just before a race is rarely necessary or helpful.

I follow Jackie Stewart's model, letting nervous energy out like a deflating balloon. I withdrew from interactions and aimed for a quiet, emotional flat line. It is about discovering what works best for you.





The fix: Nerves should be viewed as allies, not enemies. They are alerting you to be on your toes. Pay attention, but don't freak out. It will feel better once the car rolls off the grid.

#### "IS THE PROBLEM ME OR THE CAR?"

Drivers often make multiple racecar setup changes to make the car better. Sadly, this creates uncertainty, and uncertainty breeds tenuous inputs and takes you farther afield. If you made multiple changes, there is no way you can ascertain what did or didn't work, and now you're even less likely to be able to concentrate on the race at hand.

The fix: Go back to your most basic racecar setup sheet and try things one at a time. It takes longer, but then you know what works. Confusion is kryptonite to confidence.

#### "I'M MAD! EVERYONE OUT OF MY WAY!"

This approach works well in the movies, but in the real world, anger is a drag chute handicapping your performance. For short bursts of time there

#### **RACE TIME**

Most SCCA racers pull double, or triple, duty in the paddock, acting as both crew and driver (FAR LEFT). That level of work can leave you with little time to get in the right headspace once strapped into the racecar (LEFT). But when the five-minute board is shown (BELOW LEFT), are you ready to race, or are you still stressing about vehicle prep?

may be some gains as you push past prior levels of commitment but driving while enraged results in serious inconsistencies and has a major adverse impact on your judgment.

The fix: You want a sense of firm resolve behind the wheel, not a red mist of anger and desire. It sounds simple, but cool down, then race.

#### "I'M TIRED."

Pay special attention to this one. This is more of a mental idiot light than an anxiety balloon, but it's not to be discounted. Racers are often unrealistic about how much they can accomplish in any given timeframe. They believe they can tow 10 hours and be fresh in the morning. You need to acknowledge your condition and get some rest.

Admittedly, in the throes of the race weekend, this can be a very tall order, but just know this: some of my biggest wrecks occurred when I was exhausted. I stubbornly refused to recognize the problem.

The fix: Persistence is grand, but only up to a point, and "I'll be fine when I'm in the car," only works to a degree. Arriving exhausted is simply no good, so plan ahead.

### "I'VE NEVER BEEN ANY

GOOD AT \_\_\_\_\_." It could be any piece of the racing puzzle: the starts, braking, high-speed turns, technical corners, strategy, and so on. Condemning yourself to some supposed limitation doesn't help the learning process, it just gives you a ready-made cop-out. So, do something about it.

The fix: Make a plan to address your shortcomings one at a time and evaluate your progress. Nobody magically gets better just because they are dissatisfied.

#### "I'M AFRAID I'LL LOSE FOCUS."

Some people have a laser focus, others don't. Everybody loses focus on occasion; the question is how quickly you regain it.

The fix: A good tool is a trigger word or phrase, such as, "back to business," works wonders. If you feel your focus waning mid-session, quickly utter or think the trigger words. Often, the fact that you have a solution up your sleeve prevents the issues from even arising.

#### "I'M GOING TO BE PERFECT THIS TIME."

The search for perfection is its own punishment. Every fast lap has a few sloppy moments, and every good race has some messy bits. Shooting for new personal bests inevitably brings you to moments of great pucker, and those may require a deft catch. Ultimately, having perfection as a goal is a recipe for frustration.

The fix: Focus on improving specific skills, and don't worry about perfection.







#### "EVERYONE IS

OUTSPENDING ME." Exactly how does that thought aid in your attempts to improve? Getting fixated on the competition's race equipment is shooting yourself in the foot. Perhaps they do have more power, a superior aero package, and their car handles better than yours. But tell me, how does fixating on any of that make you faster?

The fix: Your focus should be on driving better and improving your car. Work on you.

"I NEVER CATCH A BREAK."

Shed this toxic notion from your head right now, then consider this: You are a racecar driver! Most of the world would love to be in your position. In fact, a younger version of yourself would be so jealous of you as you sit on the grid waiting to hit the racetrack.

The fix: Win or lose, enjoy the race weekend - you have the best hobby in the world! Also remember what Pratt & Miller's Steve Cole says: "The harder I work, the luckier I get."

#### "I'M SCARED."

If the car is so unstable that you can't handle it, you must park it. Driving scared in traffic is a non-starter. Your inputs will be stiff and awkward, adding to the bad behavior of a car.

The fix: Your racecar must be

sufficiently compliant to allow you to survive the moments of panic that are bound to arise on track. If the car feels dangerous, don't go out until it's fixed. Do not ignore this blinking red light.

#### TAKE CHARGE

Racing is like life, so sometimes you need to make adjustments. Successful athletes know this, and they have developed routines that enable them to stay in charge of their thoughts and moods. For every negative vibe you catch yourself thinking, pave over it with a positive one. Over time, it will become a constructive habit.

Whatever your level of motorsports, you can change

#### TRICKS OF THE TRADE

Author and driver coach Jim Kearney has learned a number of secrets through the years, and has used that knowledge coaching drivers like (CLOCKWISE from TOP LEFT) Runoffs FE frontrunners Ray Mason and Jim Libecco, FRP F2000 racer Tim Paul, and Spec Miata-turned-Trans Am TA2 competitor Tyler Kicera.

your mindset as you would a shock setting, but you first need to be aware of the need for change. Step one is to recognize the bad thought, and step two is to pitch that thought overboard and replace it with a helpful one. Then just like a racecar setup sheet, keep track of what works for you. Before long, you'll stop worrying, see on-track improvements, and the next thing you know you'll be enjoying every moment of your race weekends - just like you should.

#### A note from the author:

I clearly remember what it feels like to do poorly and not know why. I was overwhelmed, confused, and frustrated. This memory now serves me well as a driver coach. Racecars are complicated, but driving them a little better is not. I began coaching in 2010 and my drivers have been on the Runoffs podium 15 times, including six gold medals (two each in FV, FF, FC, FE, HP), two silver (both in FE) and six bronze (four each in FV, FC, P1, FM). I also coached the FRP F2000 champion twice. Ross Bentley also recently noted in his Speed Secrets Weekly that the SCCA Runoffs may be the one of the biggest mental challenges in sport. Ross said: "Guess who I'd get to coach me if I was racing in the Runoffs? Why? Because Jim tunes the helmet." Check out kearneykdd.com for more information.



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#### SOMETHING DIFFERENT

The side-by-side UTV market is one the SCCA has never tapped into - until now. Soon, RallyCross organizers will have the option of offering a UTV class at Regional RallyCross events.

has long boasted a minimalistic ruleset. Rewind the clock 15 years to the inaugural RallyCross National Challenge and you'll find that the RallyCross Rules spanned a mere 18 pages and eight classes. RallyCross has since grown, as have the rules, but it's all within reason for a now-mature sport. Case in point, the 2020 RallyCross rulebook is 42 pages and houses 11 classes; larger, yes, but still straightforward. Truly, simplicity has not only been key to the success of RallyCross, but it has also been a battle cry. Consequently, it was a little surprising when we discovered a 12th RallyCross class would soon join the ranks.

common questions we get is, 'Can I run my side-by-side at a RallyCross event,' and the answer has always been, 'No, because our rules don't allow it," explains RallyCross Board Chairman Kent Hamilton. That, he says, is about to change.

Side-by-sides are the general name for utility terrain vehicles (UTVs), many of which are designed for traversing

trails or blasting across sand dunes. Manufacturers like Yamaha, Can-Am, and Honda produce models with smallbut-potent motors that deliver speed and fun at an affordable level. And, it turns out, many people want to RallyCross them. Unfortunately, when the decision was made to consider adding UTVs to the roster, the RallyCross Board realized they had limited knowledge of side-by-sides. To solve that, they called upon the membership.

"There was an open plea to RallyCross competitors that if somebody wanted to take the idea and run with it, we would welcome proposals," Hamilton says, noting that about a year ago, Milwaukee Region's Josh Armantrout presented them with a ruleset that was loosely based on experiences with a non-SCCA club that had been running side-by-sides in similar events. "We've been reviewing his proposal and we think we're almost at a point that we're comfortable publishing the rules."

Not wanting to go into specifics prior to the official unveiling of the rules - something that could

#### FAST AND FUN

Side-by-side UTVs offer great bang for the buck and are available from a variety of manufacturers, including Can-Am, Honda, Polaris, and Yamaha (BELOW).

happen any day now - Hamilton was still willing to pull back the curtain just enough to whet our appetite.

"The side-by-side class will have some minimum wheelbase and minimum width requirements, and the minimum widths do exclude many of the regular side-bysides," he says, saying those minimums are in place to minimize rollover dangers.

There will be some

the rules, but there will also be a number of allowances. "A lot of the requirements are geared toward lowering the center of gravity and reducing the rollover potential," Hamilton says, adding, "Some of the earlier sporty side-by-sides, like the Polaris RZR 800, have something like a 50-inch overall width so they could be used on certain trails. Our minimum width will be around 62 inches

Safety is always of the utmost concern, but especially for side-by-sides since they boast largely open cockpits. "We want to have the side-bysides lowered a little bit, maybe with stiffer swaybars, and you also have to have a half door or a full door," Hamilton says. "We also want to have driver protection, so we're going to require arm restraints or a full windshield and side doors."

protection, and that built-in feature will be allowed for SCCA RallyCross competition, although there are caveats. "Our speeds are low enough that we're all pretty comfortable with the factory rollover protection, but we do have an allowance in there if you change the structure," Hamilton points out. "Rollover protection also has to be undamaged, with no kinks, bends, or signs of any previous rollovers. We want to

### **FULLY ADJUSTABLE**

(RIGHT) From the factory, most UTVs come with a stout suspension setup although you may find you have to lower the stance and widen the track for RallyCross competition.







strong structure. If it's changed, then we're recommending that the cage structure be built to stage rally specifications or short course desert racing."

Initially, the side-by-side RallyCross class will be singular, containing everything that's on the market, both stock and modified. "There's one of the Yamaha side-by-sides that I believe comes with a 1,000cc motor, basically a motorcycle engine, and it has a manual transmission, and some of them have turbos," Hamilton says. "We currently have everything lumped together in one class for now.

"It's kind of a pilot program," Hamilton admits, but he also points out that the RallyCross Board plans to monitor the class and make adjustments as needed. "If we start seeing high attendance numbers with

#### "We...have everything lumped together in one class for now. It's kind of a pilot program" **KENT HAMILTON**

the side-by-sides, our plan is to split it off into two different classes," he says. "If we do that, most likely it will be the factory turbocharged machines plus anything with a manual transmission, with that being the top class. The next class down would probably be the rest of the side-by-sides that are non-turbo engines and CVTs."

That, however, is mere conjecture on Hamilton's part. For now, Hamilton says, the RallyCross Board simply wants to see how the class performs.

Along those lines, the new RallyCross side-by-side class will

leave the gates as a Regionalonly offering, with individual Regions having the option to offer the class if so desired. To that end, some Regions are champing at the bit for a side-by-side class, while others have shown interest in sitting this one out as their events are already at capacity (for that, Hamilton suggests the Region sets entry limits per class).

Also, because the new class will be a Regional-only offering, side-by-sides will not be invited to participate in DirtFish RallyCross National Tour events or the DirtFish RallyCross National Championship. Will the class eventually achieve National status? On that, Hamilton is cagey. "It's going to be a Regional-only pilot program for this year, and then we're going to evaluate it toward the end of next year," Hamilton replies.

National status or not, for the vast majority of RallyCross programs in the SCCA, Hamilton says side-by-sides will be a welcome addition. "There are some SCCA Regions that are looking for more RallyCross entrants, and this will open up a lot of opportunities to get more people at their events," Hamilton concludes.

The addition of a side-byside UTV RallyCross class is truly an exciting revelation. The possibility for increased entries from a large, untapped swath of enthusiasts is reason enough for the RallyCross Board to pilot the program. This has the potential to be a genuine game changer that we can't wait to see.

We also can't wait to drive one. ⊙

# **INSPECTION ZONE**

Regular clutch inspections are the best medicine for avoiding a seat on the sidelines | WORDS Jason Isley

ome items on a competition car are easy to inspect - others, well, not so much. In the case of a vehicle's clutch and flywheel, the inspection hole in the bellhousing (if an inspection hole is even there) is likely woefully inadequate to actually perform a proper inspection. Despite that fact, a correctly operating clutch is an essential part of winning, thus it's something that *needs* regular inspection. But how regularly? Come to think of it, how can you even tell if the clutch is worn?

The big question: How often should you check the clutch? As you would suspect, there's no

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easy answer to that question. "It really depends on the type of clutch you are using," explains Jesse Prather of Jesse Prather Motorsports, specifically talking about SCCA Club racers. "If you are able to get through an entire season without having to pull the transmission or engine, then you should at least check the clutch once. If you're attending the National Championship Runoffs, I would check it before the Runoffs, rather than assuming what you've run all year will be fine.

"What I try to do is get my car prepped like new for the Runoffs and, if I make it through the Runoffs cleanly,

then I know I'm good to start the next season," Prather reveals.

Jordan Aase of AASCO Motorsports notes that if you are involved in a busy race series or using exotic clutch materials, a specific game plan might be in order. "A carbon clutch is a high-maintenance clutch, so you have to regularly inspect that," he says. "On a multi-plate clutch, depending on the race series, you want to inspect it at least once a year. If it's a high-volume race series, you may want to inspect it after the first race to see what kind of wear you are getting and develop a plan for how often you want to inspect it."

"I see more damage done to clutches with racers trying to drive in and out of the trailer" JESSE PRATHER

Drag racers, Aase notes, need to inspect their clutches quite often due to slipping the clutch on launch. "Road racing is more conservative on the clutch," he says, "but you are going to get some wear."

THE BIG PICTURE (LEFT) The clutch and flywheel assembly

is an essential system in any racecar. To ensure continued optimal performance, regular inspections are necessary.

longer on those. The problem is the metallic material will start to deteriorate and basically delaminate in chunks."

In classes with more liberal clutch rules, disc thickness will be the telltale sign. "On the sintered-type clutches used in most Production and GT cars, those clutch discs start off at 0.105 [inches], and I suggest that you throw them away at 0.090 [inches]. That's only 0.015 [inches], which doesn't seem like much, but depending on how someone drives, you can get quite a bit of life out of those."

Interestingly, clutch damage can occur in the paddock. "I see more damage done to clutches with racers trying to drive in and out of the trailer than you will see on the track," says Prather.

Inspecting the pressure plate is not always as straightforward as the clutch disc. "On a stock-type pressure plate, it's almost impossible to determine what kind of condition it's in," says Prather. "With a dual-disc sintered clutch, there is a cover plate, the pressure plate, the discs, and the floater plate. You can very easily measure the wear on these parts as they deteriorate. But once again, those last a long time - the disc is the consumable. You can put in two or three sets of discs before you replace pressure plates and floater plates."

#### "Discoloration can show that there may be an issue, but there can be a lot of reasons for that" JORDAN AASE

The flywheel may be visually discolored, not unlike a brake rotor, simply due to heat, but that doesn't mean there's a problem, "Discoloration can show that there may be an issue, but there can be a lot of reasons for that," Aase explains. "Clutches get hot. You would want to monitor it if it is severely heat checked on one side - it can be an issue with the pressure plate. If it's nasty and black but it's all the way around, some hydraulic fluid may have gotten in there and burned up, but everything will be fine."

The real area to focus on when it comes to flywheels is physical surface condition. "You are checking the flywheel for even wear and flatness," says Aase. "You will usually see a concave or a convex shape - it varies on the centrifugal force and where the pressure is being applied on the clutch itself. If there is anything over 0.007 [of an inch] of wear on the flat surface, like pitting or an angle, you would want to replace it. We recommend that you replace the friction surface with the clutch kit as this gives a fresh surface to bed the clutch in - you will get the most longevity with

that clutch. That being said, flywheels are reusable if you are within the 0.007 [inches] wear and the surface is flat."

The clutch release bearing should be checked for any signs of physical damage, free rotation, and excessive play. "If the bearing goes bad, it can create heat at the bearing as well as the diaphragm fingers," says Aase.

Selecting the right clutch release bearing will also have an impact on clutch pedal feel. "When you are running a race clutch, there is also a big difference with the release bearing where it touches the fingers on the cover plate, and that can make a difference in how the clutch pedal feels and how much wear you get on the spring in the cover plate," says Prather. "You want to run the smallest diameter bearing where it contacts the fingers on the cover plate, because that gives you a much better fulcrum and decreases your leg effort. Although, with a stock-type clutch, everyone is running a stock-release bearing so that makes everything easier."

While it's impossible to eliminate equipment failures, preventive maintenance will help reduce the chance of sitting on the sideline. "Failures are failures, but if you are on top of your inspections, you should never get to the point of a clutch slipping," Prather concludes. •

Often the category or class you compete in will dictate the type of clutch to use, and thus, what to look for during a clutch inspection. "A lot of the SCCA Road Racing classes, like Super Touring, are required to run a stock diameter clutch," says Prather. "That means you've got a lot more clutch surface than some of the stuff run in GT and Production. On a stock-type clutch they just don't wear out that often – you can go a lot



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The clutch kits hold 3551bs torque in Stage 1 organic trim, 482lbs-ft in Stage 3 trim, and 553lbe-ft in Stage 3+ trim. The infinitely rebuildable billet flywheel offers a very noticeable rate of rev and horsepower increase.



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Like the Stage 1 kit, EXEDY's Stage 2 Clutch Kit for Hondas boasts a 30- to 40-percent clamp-load increase over stock and additional drive straps to handle added torque. The unique metallic composition also makes for a lightweight setup featuring a high level of heat resistance. Also, a

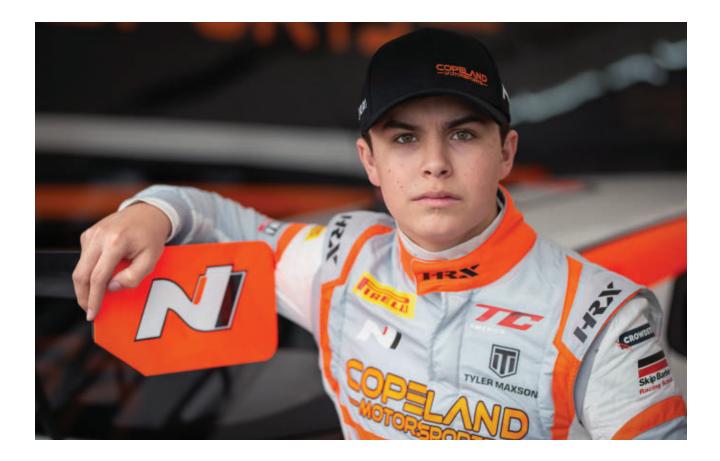
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# YOUNG AND FORMIDABLE

Club level to pro, Tyler Maxson is winning on track despite being too young to have a driver's license | WORDS James Heine | IMAGES Richard S. James

A tage 15, Tyler Maxson still has a half-year to wait before he can acquire his coveted Georgia driver's license. Nevertheless, the Atlanta Region member boasts a karting and road-racing resume that already marks him as a formidable driver and on-track competitor.

In a transition from karts to cars that began toward the end of 2018, Tyler participated in a host of SCCA weekends, including the Palm Tree Winter U.S. Majors tour at Homestead-Miami Speedway, Hoosier Super Tours at Sebring, the Circuit of the Americas (COTA), VIRginia International Raceway, and Road America (the June Sprints), plus the American Road Race of Champions at Road Atlanta, often pulling double duty in SM and T3, with occasional forays in STU and GTX as well.

Along the way, in a hardfought contest that was not decided until the last series weekend of the year, he also became TC America's 2019 TCA champion and acquired a Rookie of the Year title as well. Not bad for a high-school freshman and someone who didn't turn 15 until near the end of the 2019 racing season. Impressive, actually.

"I think we knew going into it that we were going to be competitive," Tyler says about his performance in TC America. "Not that we expected to win - no one was expecting to win it, no - but we also knew that we had some speed. It was about how quickly we could develop the racecraft, and I think we did that pretty well. We managed consistent finishes, and we were good."

A lot of credit goes to Copeland Motorsports, Tyler adds. "They worked their tails off all year long," he explains.

2020 has started off in similar fashion for the soon-to-be high school sophomore, who, in addition to his SCCA Road Racing efforts this year, will campaign a Hyundai Veloster N for Copeland Motorsports in TC America's TCR ranks. At COTA



"I think we knew going into it that we were going to be competitive" **TYLER MAXSON** 

#### DOING THE DOUBLE

Tyler Maxson (LEFT) competed in the opening round of the professional TC America series at Circuit of the Americas in early March 2020, sweeping the TCR double-header (RIGHT and BOTTOM).

and the Lone Star Region Hoosier Super Tour in February, Tyler picked up a sweet Sunday win in his Hyundai Veloster N after missing qualifying on Saturday and starting last in class.

"We had an issue with our transponder needing an update," Tyler explains. "Other than that, the Saturday event was really good. We just picked our way through the field one by one, trying to make sure that we got the car to the end, and making sure we kept it nice and intact."

The result: a fourth in class and 17th overall in a field of 34. On Sunday, Tyler qualified first in class and second overall, before picking up his class win in the 14-lap race.

"It was a good weekend," he admits. "We got a lot of great on-track time. We were able to get some valuable testing in before SRO Motorsports' TC America TCR season gets started at that same track. We had some good, close racing. It was just good all the way around."

On-track time is something Tyler has been accumulating since age 6, and it includes multiple World Karting Association, Superkarts! USA, and ROK Cup national karting championships, an assignment as a factory driver for CRG North America, a place on Team USA at the IAME World Finals in Le Mans, France, in 2017, as well as, early on, multiple regional and national wins in Micro Max, Mini ROK, and Mini Swift. Then, also, there is Tyler's European experience. "We've raced all over mainland Europe," he explains. "We've been to the U.K., Germany, France, Italy, Sweden, and I think I'm probably forgetting a couple."

Not only does racing in Europe enhance and test his skills, Tyler adds, it also is fun and interesting to experience new countries and new places.

But there are times that his fellow racers are not so happy about an American coming in and doing well, he observes. "You've pretty much got to fend for yourself," he says. "You're pretty much on your own. That's really just the way racing in Europe is. I think everyone is on their own to a certain extent. Some guys will work with each other, but for the most part, everyone just kind of does their own thing, and you're out there just doing everything on your own."

This, he says, is different from his experience in the SCCA and in the TC America series. "We've made some pretty good friends over the past season in both series," he notes.

His love of motorsports probably grew out of hanging around his dad, Rick, who raced both SCCA (in ITS) and BMW club events, Tyler says. "I have been interested in racing my whole life," he confesses, noting that he enjoys the competitive aspects of the sport. "I'm very competitive," he says. "I love being competitive."



And how does all of this motorsport competitiveness fit into another significant part of any teenager's life: school? Turns out that Tyler is an honor-roll student, and his favorite subjects are math, science, and computer studies.

"I do the online school," he says. "I can pretty much work whenever and wherever I need to. That helps me get done with schoolwork when and where I can versus having to go to an actual classroom. I'm able to keep up to date with everything but still keep racing and traveling."

Whether on track or in the classroom, his goal is to work hard and be successful. "I have a lot to be thankful for, and I look forward to the challenges that lie ahead," he notes.

And yes, down the road, one of those challenges will probably be college, Tyler points out, even if it's not at the top of his to-do list right now. In fact, college is probably inevitable, he explains.

"I'm sure I will be going...I don't think I'm really going to have a choice on that one," he says. "My mom's pretty sure I'm going."

Talking about Mom and Dad and everyday life, what about that all-important adolescent rite of passage and source of independence, the driver's license?

"I'm honestly looking forward to it," Tyler admits. "I like driving, whether it's on the street or the racetrack. I'm excited."

As for his motorsports future, "I pretty much want to get as high as I can on the motorsports ladder," he says. "Wherever it takes me, let it take me."

To keep up with Tyler and his race program, visit tylermaxsonracing.com or follow him on social media by searching "Tyler Maxson Racing."



# **RESULTS ORIENTED**

Jeff Hutzelman's track adventure was unanticipated, but now he's a bit of a Timing & Scoring maven | WORDS James Kearney | IMAGE Philip Royle

eff Hutzelman says he wasn't even much J of a race fan, but he somehow ended up monitoring a corner during the 2011 Pittsburgh Grand Prix, not far from where he lived. He found the vintage event interesting, but it was an excruciatingly hot and humid mid-July weekend in Schenley Park. Toward the end of the event, the call went out from the Steel Cities Region for help the following weekend for the Cumberland National at what is now Pitt Race. "I didn't think I could stand another hot weekend out on a corner, so I signed up for Timing & Scoring," he says. "It turned out that the conditions in the old T&S trailer were pretty primitive and the air conditioning went on and off all weekend." Regardless, he liked it enough to come back the following season - and, luckily, Pitt Race's now-modern facility features vastly improved air conditioning.

"I probably did some taping at first - that's what they usually have you do initially," Jeff says. "At Nelson Ledges the next spring, I began to learn the different T&S tasks and they taught me how to do results."

His learning continued as he went to more tracks in the Northeast Division, but nothing prepared him for the National Championship Runoffs at Road America in 2013. "It was a massive event, far beyond anything I'd ever seen before," Jeff admits. "I was really impressed, and I got to do a larger variety of T&S jobs. Many of the workers come back to the Runoffs year after year and they all knew one another quite well. They were friendly to me, but it was a tad daunting at first. The scale of the event was such that there were three different computer systems running."

Jeff was asked to review an experienced worker's results after a session. "You look to eliminate silly mistakes and typos," Jeff explains. "It was a little nerve wracking as everyone is working under a time pressure."

Pressure or no, Jeff was good at the job, and he was asked to review more and more results. He became a "back row" guy, and getting prompt, accurate results became his thing. Over the next few years, he took on more responsibility in the Steel Cities Region, becoming the Membership Chair in 2016 and then Chief of T&S in 2018.

The challenge of tabulating the results at the Runoffs fascinated him and, in 2014 at Laguna Seca, Jeff stepped up to work with Bill Dwyer. Together, Jeff and Bill would be in charge of the Runoffs results process.

After successfully completing that event, Jeff has gone on to be the sole point person

#### RECOGNIZING EXCELLENCE

Jeff Hutzelman (center) was presented with the Timing and Scoring Worker of the Year award by SCCA President and CEO Mike Cobb (left) and SCCA Director of Road Racing Deanna Flanagan (right) at the 2019 National Championship Runoffs.

for Runoffs results at Daytona, Mid-Ohio, Indy, and VIR, spanning 2015-'19. In fact, it was at the 2019 Runoffs where Jeff was presented with the T&S Worker of the Year Award.

His Runoffs job is quite different than his post during the season. "At home, I'm in charge of the entire T&S operation – I need to keep the whole room going and I can only take short breaks where I step out of the room," he explains. "At the Runoffs, I'm not even in the T&S room where the activity and din can make it difficult to concentrate."

He and a small team of double checkers are reviewing data that has already been reviewed by the first level of T&S. It can take 45 minutes to an hour for the final tally to be produced.

Jeff is proud to be part of a well-oiled team, especially considering he noticed at his first Runoffs how a small, well-managed team could be effective. "The Chief and the Assistant appointed a Chief of the Day who operated as a floater monitoring all the other positions," Jeff explains. "Some workers were doing 'front row' work creating the first level of results, other were taping, doing lap charts, and others were handling communications with the other specialties."

Jeff notes that many of these workers are themselves Chiefs or Division Administrators in the home Regions. He says often they enjoy the change of just helping out without having to be in charge of the whole process. T&S at the Runoffs is sort of a Situation Room, but they thrive in the atmosphere.

Jeff notes that workers can sign up for whatever role they like at the Runoffs. "If you want to try a new task, you can, or you can do what you are already good it," he says. "Some of our folks will opt to take a day or half-day off and go see the sights of perhaps work another specialty. It's not for everyone, but I don't see a lot of people at T&S stressed out. We enjoy what we do, and we are proud of our work." •







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#### NEW FACES

(LEFT) SCCA Road Racing's GT-2 was once exclusively a tube-frame class with dwindling numbers. Now, GT-2 thrives with a variety of competition vehicles dicing for the win. (BELOW) New to SCCA Road Racing for 2020 is the Prototype X class, which is seeing high levels of interest – but with that also comes the complexity of performance balancing.

# A BALANCING ACT

SCCA Road Racing is a complicated beast, so the Club Racing Board is constantly considering the complexities of balancing performance WORDS Peter Keane, Chairman, Club Racing Board | MAIN IMAGE Dave Green

Balance of Performance (BoP) of most SCCA Road Racig classes is a hot topic. Therein, the Club Racing Board (CRB) has certain criteria and a distinct timeline to make changes to the BoP. The various Advisory Committees collect and review data throughout the season but use the Chicago Region June Sprints as the last event of the race season for changes in advance of the National Championship Runoffs.

The BoP changes that can be made throughout the year include vehicle weight, tire size, and restrictor size. Typically, the CRB will delay the implementation date of a negative change for a couple of months so the competitor has time to comply. Positive changes to the BoP, meanwhile, are usually effective with that month's publication of *Fastrack*. It's also notable that the data collection program has reduced the number of BoP changes and continues to improve.

As an update to the newly formed Prototype X class, the CRB is pleased to announce that there has been tremendous interest in having new cars classified. One issue that the FSRAC (Formula and Sports Racing Advisory Committee) and CRB face in classifying cars for PX is the wide diversity of platform sizes and powertrains. There are requests for cars that have the performance potential of PX but are significantly smaller and lighter. Other submissions meet the dimension and mass objectives of the PX class, but do not have the performance potential. Still others have the performance potential of the Prototype 1 or 2 classes but are outside their current rulesets in one way or another. These performance differences are making the FSRAC's classification job quite difficult.

Examples like the Prototype X and Formula X from last month's column are making the traditional classes harder to keep pure. The truth is, SCCA is no longer the only game in town, and competitors and manufacturers are building cars to other sanctioning body rulesets or to their own specifications. The CRB recognizes that we do not have to accommodate all requests, but we must embrace what our members would like to race.

The CRB believes the most successful example of a traditional SCCA class



transitioning to a "hybrid" type "spec line" is GT-2. Not too long ago, GT-2 was on life support, and then the Porsche 996 GT3 Cup car was introduced to the class. There was some grumbling, but the GT-2 numbers improved. With the discontinuance of Super Touring Over (STO), the class gained a vast number of new cars under the combined GT-2/ST ruleset. The GTAC (GT Advisory Committee) has done a great job of balancing the traditional GT-2 cars alongside ST, and the class has flourished. Currently, GT-2 is the fourth most popular U.S. Majors Tour class, just shy of Super Touring Light entries.

To better serve our customers and grow the sport, the CRB believes other traditional SCCA classes will have to embrace a similar strategy. Becoming more tolerant of what is accepted within certain classes is a must, but our goal is to not lose the SCCA tradition in the process.

The CRB is always open to requests and comments. We're also soliciting applications for competitors to join our Advisory Committees. Resumes can be sent to crb@scca.com. •

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# INSIDE THE SOLO SEASON

Featuring classification alterations, venue shuffles, a new performance tire, and a lot more, the 2020 National Solo season will be like no other | WORDS Paul Brown | MAIN IMAGE Jason Isley

2 020 autocross competition has already cancellations aside, we saw the usual rules tweaks, of course, and then there was the fact that one of the smaller National Solo series was absorbed into another more established one. We also saw the usual smattering of class changes among existing cars, and some interesting new car classifications. But what initially set

the season apart from the past was that we saw more than the usual amount of preseason churn: sites coming and going, events changing from Championship Tours to ProSolos, the Packwood site finally selling, and a potential tire change for SSC. Also, the entire ProSolo timing system has been replaced after more than a decade of ongoing evolution of the old system. There's a lot going on, so let's dive in. "There was the usual rules tweaks... and then there was the fact that one of the smaller National Solo series was absorbed"

ProSolo rules tweaks have been covered here and elsewhere, and include details like L4 joining L3, a return of bonus points for leading



#### rounds, a move toward segregating all-wheel-drive cars into their own class, allowing a return to longer start straights, and some appropriate adjustments to qualifying tiers for the Tire Rack ProSolo Finale in Lincoln.

Then there are Match Tours - or, at least, there *were* Match Tours. For now, the Match Tour series is gone (having nothing to do with the pandemic), and

#### MAINTAINING MOMENTUM

(LEFT) Solo Spec Coupe competes on a spec Falken tire, but that tire may soon be changing. (BELOW) There are plenty of plans for the evolving Tire Rack ProSolo National Series, including a new timing system.

the new ProSolo PS1 (single course) format essentially replaces them.

Then there are autocross class changes. The Teslas move from B Street directly to Super Street - we'll see if absurd acceleration is enough to compete with extreme levels of power and handling. Meanwhile, the BMW M2 Competition got demoted from A Street to B Street, with the thought that the extra power is offset by additional weight.

New car classifications include the new Toyota Supra going into B Street. On that note, it's interesting that there have not been many cars with traditional automatic transmissions that have been competitive in National classes for a while. Perhaps that's about to change.

The National Solo event schedule has also seen quite a few changes, both before and after its initial publication. Crow's Landing was going to have its usual back-to-back ProSolo and Championship Tour weekends, but site conflicts eliminated one of the weekends, so now there's just a ProSolo. The Mineral Wells site was lost, and after some discussion, that ProSolo moved to GrandSport Speedway near Galveston, which would require a change to the ProSolo PS 1 format. After more discussion, this event then became a Solo Championship Tour.

Las Vegas Motor Speedway hosted a Tour event back in the early 1990s and has finally returned to the schedule. Originally scheduled as a Solo Championship Tour, a site visit during the SCCA National Convention revealed that the location was that rare gem that could support ProSolo's traditional PS2 format, so the schedule was modified yet again - and then even more with COVID-19 taking hold of America.

Word also came down that the Hampton Mills site finally sold after being on the market for years. At the time of this



"The entire ProSolo timing system has been replaced after more than a decade of ongoing evolution of the old system"

writing, the fate of future events at the site - including the 2020 Solo Championship Tour and ProSolo - was unclear.

On a different note, Falken has released its latest performance street tire, the RT660. No one knows if the RT660's production numbers will allow it to make the cutoff for this season's Solo tire wars, but the new model could become the new spec tire for SSC anyway. Regardless of when SSC makes the move to the new tire, the performance difference between the current RT615K+ and the new RT660 would be large enough to require an alteration to SSC's ProSolo and Solo Indexes.

And, finally, the aging ProSolo timing system is being replaced with an all-new version that is based on the traditional FarmTek timers. While this new system supports the features ProSolo competitors have come to expect, from the Christmas tree start to reaction times and 60-foot times, it will eliminate the most glaring limitation of the old system: the inability to deal with more than two cars on a course at the same time. This will allow longer courses at the few sites that will support them. •



# **PROTECT THE UNDERSIDE**

RallyCross showcases challenges unique to the sport, like the need for underbody cladding | WORDS Matt Wolfe | IMAGE Josh Sikora

U nderbody protection is a unique need within SCCA's motorsports offerings. Most Solo, SCCA Road Racing, or even RoadRally cars won't ever encounter a hazard during an event that would necessitate armoring the underside of the chassis. Meanwhile, even a relatively

smooth RallyCross course can still pose hazards that can be minimized through basic preventive measures.

The most common form of underbody protection for RallyCross is a skid plate. A skid plate is generally a flat piece of metal mounted underneath the engine that protects the motor and transmission from debris and impacts. Most skid plates are made from aluminum, though there are certainly opportunities to utilize cheaper, or more exotic materials depending on your goals and budget. When designing or selecting a skid

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that isn't going to deform on impact. You also need to consider how that mounting point is dissipating the energy of the hit. It's also important to know how much space is between the plate and what you're protecting. If the plate is right up against the oil pan, it's going to transfer the impact right into the pan when the plate deforms." In addition to a skid plate, it's common

STAYING PROTECTED

(LEFT) RallyCross is rough on car components, but through the use of skid plates and block-off panels, you can protect many of your car's vitals.

practice for rallyists to install some form of protection around the floor pan, wheel wells, and other areas of the car in order to guard those items from mud, snow, and gravel spray. Over time, this flying debris can destroy chassis components, or the chassis itself.

So, what type of material is best for underside protection? "We use a lot of HDPE plastic," explains Thompson. "We buy it by the roll and use it for pretty much everything under the car. We usually attach it with rivet nuts because they're light and cheap. You can use weld nuts, but they're heavier and more expensive. Whenever we put something on the car, we always try to think about how this item can be lighter [or] better. We also use the thinnest material we can, because we'd rather save the weight and just replace the plastic when we need to."

A bonus of installing HDPE panels is they simplify post-event cleanup. The material is nonstick by nature, so mud, dirt, ice, and snow that might otherwise stick to the vehicle's floor pan will often fall right off with a light kick to the rocker panel. Skid plates also help as they keep a lot of dirt and dust out of the engine bay.

So, the next time you're contemplating upgrading a component or two on your RallyCross car, consider investing a little time and money into protecting the underside of your current investment. It may pay off in dividends. •

much everything under the car" **RYAN THOMPSON** 

car, you may be able to use a thinner plate.

"One of the most important things about skid plates is what they're mounted to," explains Ryan Thompson of Thompson Racing Fabrication, who has been building and protecting rally cars for years. "The plate needs to be attached to something

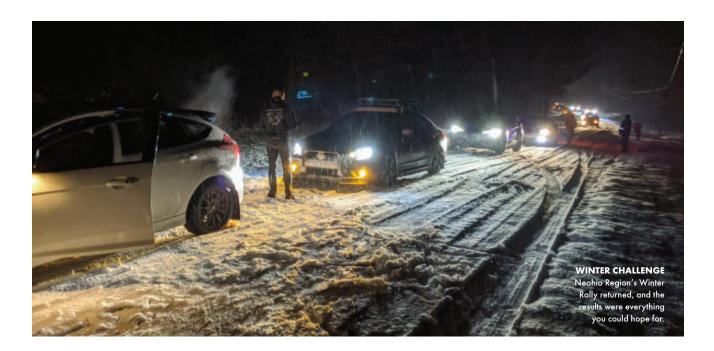
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"We use a lot of HDPE plastic. We

buy it by the roll and use it for pretty

plate, it's important to remember the intended application. While RallyCrossing is certainly more intense than going for a Sunday drive down Main Street, it's not exactly clearing minefields either. While a 3/16-inch or thicker plate may be what is recommended for a dedicated stage rally





# LET IT SNOW

Neohio Region's Winter RoadRally returned, and the weather didn't disappoint | WORDS Rick Beattie | IMAGE Jason Pokines

or the last few years, RoadRally teams interested in running Neohio Region's Ohio Winter Rally had no place to go. For about 50 years, that event ran from late twilight into late evening with then rally master Greg Lester explaining that they always hoped for snow to make the rally what it was. Then the event went on hiatus for a few years. Luckily, Lester and Ken Swarm acted as rally masters while Jeff Arendas took over as rally chairman, and like that, the event was back.

The pre-Groundhog Day event (Feb. 1, 2020) started and ended at the Redhawk Grille in Painesville, Ohio. Just 10 miles or so from Lake Erie, the famous lake-effect snow did its part to help bring the rally back to its former self.

Arendas repeated much of this historic rally in Northeast Ohio using roads with names like Cascade, Harpersfield, Mill Creek, Doyle, Kirk, Warner Hollow, Sweet West, Nurse, Swine Creek, Hayes, plus a few others.

"[The rally was] possibly the least memorable Ohio Winter Rally ever," said Arendas, explaining that "[No] competitors dropped their right wheels into a ditch hidden under the snow, only to have the next two teams follow them into the same ditch." Nor, he explained, did the event include the team that "entered a stage rally-prepared car shod with gravel rubber, and boasted about their imminent victory, only to run out of traction part way up the first icy hill, while those who had the good sense to mount tires with the Hakkapeliitta trademark molded into the sidewalls waved as they drove by.

"Ohio Winter Rally has enjoyed a long history of support from the local amateur radio community, a tradition started by former rallymaster Tom Kimball, KA8BZB," Arendas emphasized. "This year, Pat Karl, N8ONI, and his associates set up a temporary radio 'net' covering the entire course. 'Hams' also performed course-opening and sweep duties."

All contestants used the Richta GPS Checkpoint app timing system. Developed by former RoadRally Board chair Rich Baireta, the app uses a GPS signal from your smart phone and records the time the rally car passed a checkpoint. Contestants immediately receive their leg time and leg score at each checkpoint without a checkpoint crew.

The tongue-in-cheek claim of it being the "least memorable" doesn't hold up, as it

attracted 25 teams to enter with 24 starting and finishing the course. Of those teams, there were two each of Class E and Class L cars, and 10 of the 20 Class S cars were novices.

Rob Moran navigating for Ron Johnstonbaugh driving a 2015 VW GTI took first in Class E and first overall with 21.7 points for the 43 scored legs. Savera D'Souza navigating for Satish Gopalkrishnan, also driving a 2015 GTI, took first in Class L with 50.3 points.

This was Gopalkrishnan's first time rallying using this scoring system. For him, "Even though workerless controls take away the thrill of seeing a checkpoint around a fast corner, the challenge of staying on time, all the time, made up for it." He thinks the system bodes well for the future of our sport.

Leading the 20 cars and 10 novice teams in Class S and Class N (novice) was Antonio Acierno navigating for Derek Dreslinski driving a 2008 Mercedes Benz E350 4matic with a score of 345.9 points.

Indeed, this was a memorable event, and Neohio Region truly made a successful renewal of a great SCCA RoadRally. Let it snow, let it snow. •



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#### Out There Brands is a market leader in pop-up tents, flags. and all other branded paddock display, and SCCA 🛛 🖉 🖉 members receive a 10-percent

discount on OUT THERE all products. BRANDS



Members will receive a special SCCA discount on Alamo's already great rental rates.

For a full description of all the special offers included in the Member Benefits program, plus links to participating companies, go to www.scca.com and check out the Member Benefits link under the "About SCCA" tab.



### Trans Am

TRANS AM gotransam.com Feb 29-Mar 1 Sebring Int'l Raceway, Fla. Francis Jr. (TA); Skeen (TA2); Joiner (XGT); Saunders (SGT); Davison (GT) Mar 28-29 Michelin Raceway Road Atlanta, Ga. (Postponed) May 1-3 Weather Tech Raceway Laguna

Seca. Calif. May 22-25 Lime Rock Park, Conn. May 29-31 Detroit Grand Prix, Mich.

Jun 19-21 Indianapolis Motor Speedway, Ind. Jun 26-28 Mid-Ohio Sports Car

Course, Ohio Jul 10-12 Brainerd Int'l Raceway, Minn.

Aug 6-8 Road America, Wis. Sep 11-13 Watkins Glen Int'l, N.Y. Sep 25-27 VIRginia Int'l Raceway, Va. Nov 6-8 Circuit of the Americas, Texas

#### TRANS AM WEST COAST C'SHIP Mar 14-15 Sonoma Raceway, Calif.

(Postponed) Apr 4-5 Thunderhill Raceway Park, Calif. (Postponed)

May 1-3 Weather Tech Raceway Laguna Seca, Calif.

Jul 24-26 Portland Int'l Raceway, Ore. Aug 29-30 Sonoma Raceway, Calif. Nov 6-8 Circuit of the Americas, Texas



#### FORMULA 4 f4uschampionship.com Apr 9-11 Michelin Raceway Road

Atlanta, Ga. (Postponed) Jun 5-7 Circuit of the Americas, Texas Jul 17-19 VIRginia Int'l Raceway, Va. Jul 31-Aug 2 Barber Motorsports Park, Ala

Sep 25-27 Sebring Int'l Raceway, Fla. Oct 23-25 Circuit of the Americas, Texas



# FORMULA REGIONAL AMERICAS framericas.com Apr 9-11 Michelin Raceway Road

Atlanta, Ga. (Postponed) Jun 5-7 Circuit of the Americas, Texas Jul 17-19 VIRginia Int'l Raceway, Va. Jul 31-Aug 2 Barber Motorsports Park, Ala. Aug 7-9 Grand Prix de Trois-Rivieres,

Canada Sep 25-27 Sebring Int'l Raceway, Fla.

Oct 23-25 Circuit of the Americas, Texas

## FRP Formula Race

### F1600, F2000, AND ATLANTIC CHAMPIONSHIP SERIES formularacepromotions.com

Apr 9-11 Road Atlanta, Ga. (Postponed) May 15-17 Barber Motorsports Park, Ala. Jun 19-21 Pittsburgh Int'l Raceway, Pa. Jul 3-5 Mid-Ohio Sports Car Course, Ohio Jul 17-19 VIRginia Int'l Raceway, Va. Aug 21-23 Summit Point Motorsports Park. W. Va.

Oct 17-18 Pittsburgh Int'l Raceway, Pa.

#### **BIG TIME**

The SCCA Pro Racing F4 U.S. Championship and FR Americas Championship are slated to support Formula 1 during the 2020 finale of their racing series.



#### RADICAL CUP radicalsportscars.com

Apr 9-11 Michelin Raceway Road Atlanta, Ga. (Postponed) May 28-30 Mid-Ohio Sports Car Course, Ohio Jun 18-21 Road America, Wis. Jul 31-Aug 2 Barber Motorsports Park, Ala. Sep 25-27 Sonoma Raceway, Calif. Nov 12-14 Circuit of the Americas, Texas



Date Track/Region Phone *numbers* are for region registrars



#### HOOSIER SUPER TOUR scca.com/supertour

Apr 10-12 VIRginia Int'l Raceway, Va. May 16-17 Portland Int'l Raceway, Ore. Jun 12-14 Road America, Wis. Jun 19-21 Watkins Glen Int'l, N.Y. Jul 17-19 Mid-Ohio Sports Car Course, Ohio

### **CALENDAR KEY**

#### All dates/events subject to change

# = Enduro

- CR = Course Rally CT = Club Trial
- HC = Hill Climb
- GTA = Game, Tour, Adventure Rally
- GRC = Great Race Class
- NC = National Course
- NT = National Tour **CRE** = Club Racing Experience
- r = Restricted
- Ro = Runoffs gualifier
- RT = Regional Tour
- SR = Social Rally
- TT = Time Trial TE = Track Event
- TS = TrackSprint

#### v = Vintage

Contact information for registrars and event organizers available at scca.com. For changes, e-mail sanction@scca.com.



### GO TO SCCA.COM/EVENTS TO FIND MORE!

### U.S. MAJORS sccamajors.com

THEAST CONFERENCE Apr 10-12 VIRginia Int'I Raceway, Va. Apr 25-26 Summit Point. W. Va. May 9-10 Pittsburgh Int'l Race Complex, Pa. May 23-24 Pocono Raceway, Pa. Jun 19-21 Watkins Glen Int'l, Pa. July 11-12 Thompson Speedway, Conn. Jul 17-19 NJMP Thunderbolt, N.J.

#### NORTHERN CONFERENCE

May 2-3 Blackhawk Farms Raceway, III. May 16-17 GingerMan Raceway, Mich Jun 12-14 Road America, Wis. Jul 11-12 Road America, Wis. Jul 17-19 Mid-Ohio Sports Car Course, Ohio Aug 22-23 Grattan Raceway, Mich.

Aug 29-30 Brainerd Int'l Raceway, Minn.

#### SOUTHEAST CONFERENCE Apr 10-12 VIRginia Int'l Raceway, Va.

Jun 6-7 Charlotte Motor Speedway, N.C. Jun 27-28 Roebling Road, Ga.

MID-STATES CONFERENCE Apr 18-19 Heartland Motorsports Park, Kan.

May 2-3 World Wide Technology Raceway at Gateway, III. May 23-24 Pueblo Motorsports Park, Colo

Jul 4-5 High Plains Raceway, Colo. Aug 22-23 High Plains Raceway, Colo.

#### SOUTHERN CONFERENCE

May 2-3 Eagles Canyon Raceway, Texas May 23-24 MSR Houston, Texas Sep 5-6 MSR Houston, Texas

WESTERN CONFERENCE

May 16-17 Portland Int'l Raceway, Ore. May 23-24 Pacific Raceway, Wash.

#### SCCA NATIONAL CHAMPIONSHIP RUNOFFS Oct 5-11. 2020 Road America. Wis. **REGIONAL/DIVISIONAL**

NORTHEAST nediv.org Apr 17-19 NJMP Lightning/South Jersev Apr 25-26 Summit Point/Washington

May 22-23 Palmer Motorsports Park/ New England

May 23-24 New Hampshire Motor Speedway/New England Jun 5-7 New Jersey Motorsports Park/

South Jersey

Jun 5-7 NJMP Lightning/South Jersey Jun 12-14 Lime Rock Park/New England

Jun 20-21 Summit Point/Washington DC Jul 4-5 Watkins Glen Int'I/Glen

Jul 17-19 New Jersey Motorsports Park/ South Jersev Jul 25-26 Summit Point/Washington DC

Aug 8-9 New Hampshite Motor

Speedway/New England

Aug 21-23 New Jersey Motorsports Park/South Jersev

Aug 22-23 Thompson Speedway/New

England Aug 21-23 NJMP Lightning/South

Jersey Aug 29-30 Pittsburgh Int'l Race Complex/Steel Cities

Sep 5-6 Summit Point/Washington DC Sep 12-13 Palmer Motorsports Park/

New England Sep 26-27 Watkins Glen Int'l/Finger

Lakes Oct 2-4 Thompson Speedway/New

England Oct 3-4 Summit Point/Washington DC

Oct 23-25 # New Jersey Motorsports Park/South Jersey



PRO RACING

WHAT Trans Am Series WHEN Nov. 6-8, 2020 WHERE Austin, Texas For the first time in years, the SCCA Pro Racing Trans Am Series will conclude its season somewhere other than Daytona.

#### SOUTHEAST sedivracing.com

Apr 18-19 Homestead-Miami Speedway/ Florida Apr 25-26 #v Sebring Int'l Raceway/ Central Florida Apr 25-26 Roebling Road/Buccaneer May 9-10 VIRginia Int'l Raceway/North Carolina Jun 5-7 v Sebring Int'l Raceway/Central Florida Jun 5-7 # Daytona Int'l Speedway/ Central Florida Jun 13-14 # Homestead-Miami Speedway/Florida Jul 18-19 Sebring Int'l Raceway/Central Florida Jul 25-26 Road Atlanta/Atlanta Jul 31-Aug 2 Daytona Int'l Speedway/ Central Florida Aug 15-16 v Roebling Road/Buccaneer Aug 29-30 Barber Motorsports Park/ Alabama, Tennessee Valley Sep 4-6 #v Sebring Int'l Raceway/ Central Florida Sep 19-20 # Homestead-Miami Speedway/Florida Sep 25-27 # Davtona International Speedway/Central Florida Sep 26-27 Roebling Road/SEDiv Oct 10-11 VIRginial Int'l Raceway/North Carolina Oct 16-18 v Sebring Int'l Raceway/ Central Florida Nov 6-8 Road Atlanta/Atlanta Nov 7-8 v Palm Beach Int'l Raceway/ Florida Nov 27-29 Sebring Int'l Raceway/Central Florida CENTRAL cendiv-scca.org May 23-24 Brainerd Int'l Raceway/ Land O' Lakes Jun 27-28 Blackhawk Farms Raceway/ Milwaukee Jul 11-12 Brainerd Int'l Raceway/Land O' Lakes Jul 18-19 Blackhawk Farms Raceway/ Chicago

Aug 15-16 Road America/Chicago Sep 19-20 Autobahn Circuit Joliet/Chicago

GREAT LAKES greatlakes-scca.org May 9-10 # Gingerman Raceway/South Bend Jun 20-21 Grattan Raceway/Western

Michigan Jun 27-28 Waterford Hills/Detroit Jul 25-26 # Gingerman Raceway/ South Bend Aug 8-9 Mid-Ohio Sports Car Course/ Cincinnati Sep 5-6 Mid-Ohio Sports Car Course/

Ohio Valley Oct 17-18 Mid-Ohio Sports Car Course/Ohio Valley

#### MIDWEST midiv.org

Apr 18 Heartland Motorsports Park/ KVRG May 1 World wide Technology Raceway/

St. Louis Jul 18 Heartland Motorsports Park/

**KVRG** Sep 4 World Wide Technology Raceway/St. Louis

SOUTHWEST sowdivscca.org

Sep 18-20 MotorSport Ranch Cresson/ Texas

Nov 7-8 Eagles Canyon Raceway/Texas ROCKY MOUNTAIN coloradoscca.org May 1-2 La Junta Raceway/Colorado Jul 18-19 Pueblo Motorsports Park/ Central Divide Oct 17-18 La Junta Raceway/ Continental Divide

#### NORTHERN PACIFIC norpacscca.org May 23-24 Thunderhill Raceway Park/

San Francisco Jun 6-7 Thunderhill Raceway Park/San Francisco

Jun 6-7 Ridge Motorsports Park/ Oregon Jun 6-7 Laguna Seca/San Francisco Jun 26-28 Sonoma Raceway/San Francisco

Jul 31-Aug 2 Laguna Seca, San Francisco Aug 7-8 v Portland Int'l Raceway/

Oregon Aug 29-30 Laguna Seca/San Francisco

Sep 19-20 v Portland Int'l Raceway/Oregon

#### SOUTHERN PACIFIC

May 2-3 # Buttonwillow Raceway Park/ Cal Club Sep 19-20 Buttonwillow Raceway Park/

Cal Club Nov 14-15 Auto Club Speedway/Cal Club

#### **REGION DRIVER'S SCHOOLS** NORTHEAST nediv.org

Apr 10-12 Thompson Speedway/New England Apr 17 NJMP Lightning/South Jersey Jun 5 NJMP Lightning/South Jersey Aug 21-23 NJMP Lightning/ South Jersey

#### SOUTHEAST sedivracing.com

Apr 25-26 Sebring Int'l Raceway/ Central Florida Jul 18-19 Sebring Int'l Raceway/Central Florida

CENTRAL cendiv-scca.org Apr 18-19 Blackhawk Farms Raceway/Chicago

SOUTHWEST sowdivscca.org Sep 18-20 MotorSport Ranch Cresson/Texas

ROCKY MOUNTAIN coloradoscca.org May 1-2 La Junta Raceway/Colorado SOUTHERN PACIFIC Oct 24-25 Buttonwillow

#### Raceway Park/Cal Club SCCA ACCREDITED SCHOOLS

#### FULL COMPETITION LEVEL Allen Berg Racing School

(888) 722-3220 allenbergracingschools.com AMG Driving Academy (888) 604-1766 amgacademy.com Bertil Roos Racing School (800) 511-7606 racenow.com **BIR Performance Driving School** 

(866) 511-7606 birperformance.com **Bob Bondurant School** 

(800) 842-7223 bondurant.com Lucas Oil School of Racing

(561) 200-7223 lucasraceschool.com



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Vice President & Chief Operations Officer ERIC PRILL

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Senior Director of Solo and Rally MIKF KING

Director of Road Racing DEANNA FLANAGAN

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Area 12: STEVE STRICKLAND

Area 13: JEFF ZURSCHMEIDE

### SCCA HAPPENINGS

#### MSR Houston

(281) 369-0677 msrhouston.com Pettiford's Go 4 It Racing Schools (303) 666-4113 go4itservices.com Porsche Sport Driving School (888) 204-7474 porschedriving.com Simraceway Performance Driving Center

(800) 733-0345 simracewaydrivingschool.com Skip Barber Racing School (866) 932-1949 skipbarber.com Spring Mountain Advanced Driving School (800) 391-6891 springmountainmotorsports.com

#### NOVICE PERMIT / SCHOOL AND EVENT CREDIT

Allen Berg Racing School (888) 722-3220 allenbergracingschools.com Bertil Roos Racing School (800) 722-3669 racenow.com allenbergracingschools.com BMW of North America (888) 345-4269 bmwperformancecenter.com Bob Bondurant School (800) 842-7223 bondurant.com Kaizen Autosport Racing School (919) 741-7151 kaizenautosport.com LevelUp Racing School (920) 838-6612 levelupracingschool.com Lime Rock Driver's Club (860) 435-5000 limerockclub.com Lucas Oil School of Racing (561) 200-7223 lucasraceschool.com Pettiford's Go 4 It Racing Schools (303) 666-4113 go4itservices.com Primal Racing School (770) 573-1010 primal.racing Pro Drive Racing School (503) 285-4449 prodrive.net ProFormance Racing School (253) 630-5130 proformanceracingschool.com Simraceway Performance Driving Center (800) 733-0345 simracewaydrivingschool.com Skip Barber Racing School (866) 932-1949 skipbarber.com

#### **THE SPRINTS**

Following an abridged season, racers will be champing at the bit when it comes time for Chicago Region's June Sprints.

NOTE: DUE TO THE COVID-19 OUTBREAK, VARIOUS EVENTS HAVE **BEEN POSTPONED OR** CANCELLED. PLEASE CHECK SCCA.COM OR THE HOST REGION'S WEBSITE FOR THE LATEST INFORMATION.

#### NOVICE PERMIT / SCHOOL CREDIT

Allen Berg Racing School (888) 722-3220 allenbergracingschools.com Danny McKeever's Fast Lane Racing School

(888) 948-4888 raceschool.com **EXR - Exotics Racing Series** (702) 802-5662 exrseries.com Pro Drive Racing School (503) 285-4449 prodrive.net Spring Mountain Advanced Driving School (800) 391-6891 springmountainmotorsports.com Thompson Speedway Motorsports Park (877) 226-7223 theracingschool.com Waterford Hills Road Racing Inc.

(248) 623-0070 waterfordhills.com

# TIME TRIALS, TRACK EVENTS, CLUB RACING EXPERIENCE, & HILL CLIMBS

DC

NORTHEAST nediv.org Apr 11 TE Dominion Raceway/ Washington DC Apr 17 Track Sprint, TE New Jersey Motorsports Park/South Jersey May 2 TT, TE Summit Point/Washington

May 9 TrackSprint New Jersey Motorsports Park/South Jersey May 23 TT, TE Dominion Raceway/ Washington DC May 23 TT Summit Point/Blue Mountain Jun 5 Track Sprint, TE New Jersey Motorsports Park/South Jersev Jun 20 HC Duryea/Blue Mountain Jun 27 TT, TE Dominion Raceway/ Washington DC Jun 27 Track Sprint Bader Field/South Jersev

Jul 4 Track Sprint New Jersey Motorsports Park/South Jersey Jul 17 TE New Jersey Motorsports Park/South Jersey Jul 18 TT, TE Summit Point/Washington

DC Jul 22 TE Watkins Glen/Finger Lakes Aug 15 TT, TE Summit Point/ Washington DC Aug 15 HC Duryea/Blue Mountain Aug 21 Track Sprint, TE New Jersey Motorsports Park/South Jersey



### GO TO SCCA.COM/EVENTS TO FIND MORE!

Sep 5 Track Sprint Bader Field/South Jersey

Sep 5 TrackSprint Summit Point/Steel Cities

Sep 12 TT, TE Summit Point/Washington DC

Sep 26 TT, TE Dominion Raceway/ Washington DC Oct 17 TT, TE Summit Point/Washington

DC Oct 25 Track Sprint, TE New Jersev Motorsports Park/South Jersey Nov 15 TE Subaru 46/Washington DC

Nov 15 TT Summit Point/Washington DC SOUTHEAST sedivracing.com

#### May 22 TE Daytona International

Speedway/Central Florida Jun 5-6 TT, TE Sebring International Raceway/Central Florida Jun 13 TE Homestead-Miami Speedway/ Florida Jul 26 TE Road Atlanta/Atlanta Aug 1 TT Daytona International Speedway/Central Florida Aug 15 TT North Carolina Center for Automotive Research/North Carolina Aug 15 HC Robbinsville, N.C./North Carolina Aug 29 TT Barber Motorsports Park/ Alabama, Tennessee Valley Sep 4 TE Sebring International Raceway/Central Florida Sep 19 TE Homestead-Miami Speedway/ Florida Sep 25 TE Daytona International Speedway/Central Florida Oct 2 TT Talladega Gran Prix Raceway/

Alabama, Tennessee Valley Oct 16 TE Sebring International Raceway/Central Florida Oct 31 TT North Carolina Center for Automotive Research/North Carolina Nov 8 TE Road Atlanta/Atlanta Region

## GREAT LAKES greatlakes-scca.org Sep 4 TE Mid-Ohio Sports Car Course/

Ohio Valley Oct 16 TE Mid-Ohio Sports Car Course/Ohio Valley

MIDWEST midiv.org Apr 14 TE World Wide Technology Raceway/St. Louis May 12 TE World Wide Technology Raceway/St. Louis Jun 9 TE World Wide Technology Raceway/St. Louis Jul 14 TE World Wide Technology Raceway/St. Louis Aug 11 TE World Wide Technology Raceway/St. Louis Sep 8 TE World Wide Technology Raceway/St. Louis Oct 13 TE World Wide Technology Raceway/St. Louis

#### ROCKY MOUNTAIN coloradoscca.org May 2, TT La Junta Raceway,

Continental Divide May 23 TT Pueblo Motorsports Park/ Colorado Jul 4, TT High Plains Raceway, Colorado Jul 18 TT Pueblo Motorsports Park/ Continental Divide Aug 22 TT High Plains Raceway,Colorado Sep 26 TT La Junta Raceway/ Continental Divide

#### NORTHERN PACIFIC norpacscca.org

May 9 TT, TE Thunderhill Raceway Park/ Reno Jun 20 TT, TE Thunderhill Raceway Park/ Reno Jul 17 TT, TE Thunderhill Raceway Park/ Reno Sep 5 TT, TE Thunderhill

Raceway Park/Reno

#### SOUTHERN PACIFIC

May 2 TE Buttonwillow Raceway Park/ Cal Club Sep 19 TE Buttonwillow Raceway Park/

Cal Club Oct 24 TE Buttonwillow Raceway Park/Cal Club

#### TIME TRIALS NATIONAL TOUR

May 8-9 Michelin Raceway Road Atlanta, Ga. May 23-24 Carolina Motorsports Park, S.C. Jun 6-7 Eagles Canyon Raceway, Texas Jun 13-14 The Ridge Motorsports Park, Wash.

Jul 3-4 Thompson Speedway Motorsports Park, Wash.

Jul 18-19 Ginger Man Raceway, Mich. Aug 8-9 Nelson Ledges Road Course, Ohio Aug 29-30 New Jersey Motorsports Park, N.J. Sep 17-20 Time Trials Nationals,

NCM Motorsports Park, K.Y.

#### TRACK NIGHT IN AMERICA

Atlanta Motorsports Park, Ga. May 13, Jun 10, Aug 12, Sep 16 Auto Club Speedway, Calif. May 9, Jun

13, Nov 21 Blackhawk Farms Raceway, III. May 7,

Jun 4, Jul 9, Aug 6, Sep 3 Carolina Motorsports Park, S.C. Apr 30,

Sep 17, Oct 15 Charlotte Motor Speedway, N.C. Apr 16,

May 7, Jun 5, Jul 10, Aug 13 Dakota County Technical College, Minn. May 6, Jun 3, Jun 26, Jul 31, Aug 28, Sep 22

Daytona International Speedway, Fla. May 22, Jul 31

Dominion Raceway, Va. Apr 23, May 14, Jun 11, Aug 6, Sep 3 GingerMan Raceway, Mich. May 14, Jun 18, Jul 17, Aug 13, Sep 17

Harris Hill Raceway, Texas Sep 2, Oct

#### Heartland Motorsports Park, Kan.

Apr 23, May 14, Jun 18, Jul 17, Aug 18, Sep 15, Oct 15 High Plains Raceway, Colo. May 12,

Aug 1 Lime Rock Park, Conn. May 20,

May 21, Jun 11 Memphis International Raceway, Tenn. Apr 21, May 12, Jun 23, Jul 28, Sep

#### Michelin Raceway Road Atlanta, Ga.

May 1, Jun 26, Jul 24 MotorSport Ranch Texas May 5, Jun 2, Sep1, Oct 13

Nelson Ledges Road Course, Ohio May 28, Jun 30

New Hampshire Motor Speedway, N.H. May 22, Aug 6 New Jersey Motorsports Park, N.J.

Apr 29, May 19, Jun 23, Jul 21, Aug 11, Aug 28, Sep 1

NOLA Motorsports Park, La. May 21 Palm Beach International Raceway, Fla. May 5, Jun 30, Aug 25, Oct 20, Nov 10, Dec 15

Palmer Motorsports Park, Mass. Jun 16, Jul 21, Sep 10 Pikes Peak International Raceway, Colo.

Jun 9, Jul 14 Pittsburgh International Race Complex, Pa. Apr 30, May 20, Jun 10, Jul 8, Jul 29, Aug 19, Sep 2, Sep 30 Pocono Raceway, Pa. Apr 21, May 12,

Jun 9, Jul 7, Aug 20, Sep 14

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New improved S2 compound available in select sizes\*

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### SCCA HAPPENINGS

Portland International Raceway, Ore May 15, Jun 19, Jul 31, Aug 14 Ridge Motorsports Park, Wash. May 14, Jun 18, Jul 30, Aug 13, Sep 16 Sebring International Raceway, Fla. Jun 10, Sep 16

Thompson Speedway Motorsports Park, Conn. Apr 23, May 7, Jun 2, Jun 25, Jul 14, Jul 30, Aug 17, Sep 1, Sep 29, Sep 30

Thunderhill Raceway Park, Calif. Mar 19, May 21, Jun 18, Aug 20, Sep 17 VIRginia International

Raceway, Va. Jul 16

#### STREET SURVIVAL SCHOOLS

Apr 26 Air Force Research Laboratory/ Central New York Apr 26 Saratoga Auto Museum/ Mohawk Hudson May 2 Lincoln Airpark/Nebraska May 16 Centre County Public Safety Center/Central Pennsylvania Jun 21 Bettendorf High School/Great River Sep 26 Yoder Autocross Site/Wichita Oct 4 Air Force Research Laboratory/ Central New York

Oct 18 Saratoga Auto Museum/Mohawk Hudson

Oct 18 Portland International Raceway/ Oregon Nov 21 Pacific Raceways/Northwest

## SOLO

## TIRE RACK<sup>®</sup> SCCA SOLO CHAMPIONSHIP TOUR

Apr 24-26 Marana Regional Airport, Ariz. May 23-25 Lincoln Airpark, Neb.

May 29-31 GrandSport Speedway, Texas Jun 19-21 Seneca Army Depot, N.Y.

Jul 3-5 Bristol Motorspeedway, Tenn. Jul 10-12 Former Hampton Mills Lumber Yard, Wash. Jul 24-26 Grissom Aeroplex, Ind.

#### TIRE RACK<sup>®</sup> SCCA SOLO NATIONAL CHAMPIONSHIPS

Sep 7-11 Lincoln Airpark, Neb.

#### TIRE RACK" SCCA PROSOLO

Apr 17-19 NASA Crows Landing Airport, Calif. May 1-3 Grenada Municipal Airport, Miss. May 15-17 FedEx Field, Md. May 22-23 Lincoln Airpark, Neb. Jun 12-14 TBD

Jun 26-28 Heartland Motorsports Park. Kan.

Jul 2-3 Bristol Motor Speedway, Tenn. Jul 17-19 Former Hampton Lumber Mills Packwood, Wash. Jul 31-Aug 2 Oscoda-Wurtsmith

#### Airport, Mich. Sep 4-6 Lincoln Airpark, Neb.

### CAM CHALLENGE

Apr 17-19 NASA Crows LAnding Airport, . Calif.

May 1-3 Grenada Airport, Miss. Jun 26-28 Heartland Motorsports Park, Kan.

Jul 2-3 Bristol Motor Speedway, Tenn. Aug 7-9 Grissom Aeroplex, Ind. Sep 10-11 Lincoln Airpark, Kan.

#### STARTING LINE SCHOOLS

Jun 13 SDCCU Stadium, Calif. Oct 3 Crows Landing, Calif.

NOTE: DUE TO THE COVID-19 OUTBREAK VARIOUS EVENTS HAVE **BEEN POSTPONED OR** CANCELLED. PLEASE CHECK SCCA.COM OR THE HOST REGION'S WEBSITE FOR THE LATEST INFORMATION.

#### REGIONAL

NORTHEAST nediv.org Apr 12 New Meadowlands Sports Complex/Northern New Jersey Apr 19 Splish Splash Water Park/New York Apr 26 Bader Field/South Jersey Apr 26 Splish Splash Water Park/New York May 2 FedEx Field/Washington DC May 3 Pitt Race/Steel Cities May 3 Bader Field/South Jersey May 3 Splish Splash Water Park/New York May 10 New Meadowlands Sports Complex/Northern New Jersey May 16 Jimmy Stewart Airport/ Allegheny Highlands May 17 centre County Public Safety Center/Central Pennsylvania May 30 FedEx Field/Washington DC May 31 Bader Field/South Jersey May 31 Pitt Race/Steel Cities Jun 6 Mid-State Regional Airport/ Central Pennsylvania Jun 7 Pitt Race/Steel Cities Jun 14 Greensburg-Jeannette Regional Airport/Allegheny Highlands Jun 21 NYCB Live at Nassau Coliseum/ New York Jun 21 Pitt Race/Steel Cities Jun 27 FedEx Field/Washington DC Jun 28 Mid-States Regional Airport/ Central Pennsylvania Jun 28 Bader Field/South Jersey Jul 11 Mid-States Regional Airport/ Central Pennsylvania Jul 19 NYCB Live at Nassau Coliseum/ New York Jul 25 Bader Field/South Jersey Aug 8 FedEx Field/Washington DC Aug 8 Jimmy Stewart Airport/Allegheny Highlands

Aug 9 Mid-State Regional Airport/ Central Pennsylvania

Aug 15 FedEx Field/Washington DC Aug 16 NYCB Live at Nassau Coliseum/ New York

Aug 16 Pitt Race/Steel Cities Aug 23 Centre County Public Safety Center/Central Pennsylvania Aug 29 Pitt Race/Steel Cities

Sep 6 Bader field/South Jersev

Sep 12 Greensburg-Jeannette Regional Airport/Allegheny Highlands

Sep 13 Jones Beach State Park/New York

Sep 13 Centre County Public Safety Center/Central Pennsylvania Sep 20 Pitt Race/Steel Cities

Sep 20 Bader Field/South Jersey Sep 26 FedEx Field/Washington DC Sep 27 Jones Beach State Park/New

York Oct 3 FedEx Field/Washington DC

Oct 4 Pitt Race/Steel Cities

Oct 10 Mid-States/Central Pennsylvania Oct 11 Bader Field/South Jersey

Oct 11 Splish Splash Water Park/New York

Nov 1 Bader Field/South Jersey

### GO TO SCCA.COM/EVENTS TO FIND MORE!

SOUTHEAST sedivracing.com Apr 12 Hunt Army Stagefield/Wiregrass Apr 17 Atlanta Motor Speedway/Atlanta Apr 18 Darlington Raceway/South Carolina Apr 19 Dade County High School/ Chattanooga Apr 26 Spence Field/Dixie May 2 Roebling Road/Buccaneer May 2 Five Flag Speedway/Gulf Coast May 9 Twin Foundatins Raceway/ Tennessee May 10 Hunt Army Stagefield/Wiregrass May 15 Atlanta Motor Speedway/Atlanta May 16 USMC Marine Corps Air Station/ North Carolina May 17 Dade County High School/ Chattanooga May 24 James Ward Ag Center/ Tennessee May 31 Dade County High School/ Chattanooga May 31 Spence Field/Dixie Jun 12 Atlanta Motor Speedway/Atlanta Jun 13 USMC Marine Corps Air Station/ North Carolina Jun 14 Hutchinson Island Paddock/ Buccaneer Jun 21 Fort Dorchester High School/ South Carolina Jun 21 Spence Field/Dixie Jun 28 Dade County High School/ Chattanooga Jun 28 NCM Motorsports Park/ Tennessee Jul 12 Hutchinson Island Paddock/ Buccaneer Jul 17 Atlanta Motor Speedway/Atlanta Jul 18 Spence Field/Dixie Jul 19 Dade County High School/ Chattanooga Jul 25 Georgetown County Airport/ South Carolina Jul 26 NCM Motorsports Park/ Tennessee Aug 9 Dade County High School/ Chattanooga Aug 9 Hutchinson Island Paddock/ Buccaneer Aug 14 Atlanta Motor Speedway/Atlanta Aug 16 Spence Field/Dixie Aug 29 Georgetown County Airport/ South Carolina Sep 6 NCM Motorsports Park/ Tennessee Sep 6 Dade County High School/ Chattanooga Sep 11 Atlanta Motor Speedway/Atlanta Sep 13 Hutchinson Island Park/ Buccaneer Sep 19 George County Airport/South Carolina

Sep 19 USMC Marine Corps Air Station/ North Carolina

Oct 4 Dade County High School/ Chattanooga Oct 4 Spence Field/Dixie Oct 11 Hutchinson Island Paddock/ Buccaneer Oct 17 USMC Marine Corps Air Station/ North Carolina Oct 17 NCM Motorsports Park/ Tennessee Oct 23 Atlanta Motor Speedway/Atlanta Oct 24 Michelin North America/South Carolina Oct 31 Roebling Road/Buccaneer Nov 1 Twin Fountains Raceway/ Tennessee Nov 6 Atlanta Motor Speedway/Atlanta Nov 8 Spence Field/Dixie Nov 14 Danville Regional Airport/South Carolina Nov 14 Darlington Raceway/South Carolina Nov 15 Dade County High School/ Chattanooga Dec 6 Dade County High School/ Chattanooga Dec 6 Spence Field/Dixie Dec 13 Hutchinson Island Paddock/Buccaneer CENTRAL cendiv-scca.org

May 3 Brady Street Stadium, Devenport Schools/Great River May 23 Iowa National Guard/Great River

Jun 14 TaxSlayer Center/Great River Jun 28 Iowa National Guard/Great River

Jul 19 TaxSlayer/Great River Aug 9 Brady Street Stadium, Devenport Schools/Great River Aug 29 Iowa National Guard/Great River

Sep 5 Iowa National Guard/Great River Sep 20 TaxSlayer Center/Great River Oct 4 Iowa National Guard/Great River

#### **V SEASON FINALE**

This year's Tire Rack ProSolo Finale in September will offer many competitors a reason to celebrate.





### SCCA HAPPENINGS

GREAT LAKES greatlakes-scca.org Apr 19 Majestic Star Casino/Indiana Northwest Apr 19 Grissom Aeroplex/Indianapolis May 3 Mid American Air Center/ Southern Indiana May 3 Grissom Aeroplex/Indianapolis

May 3 Mid American Air Center/ May 16 Grissom Aeroplex/Indianapolis May 17 Cummins Test Track Walesboro/ Columbus Sports Car Club May 24 Beacon Dragway/West Kentucky Jun 6 Cummins Test Track Walesboro/ Columbus Sports Car Club Jun 6 Indiana State Fairgrounds/ Indianapolis Jun 13 Mid American Air Center/ Southern Indiana Jun 27 Grissom Aeroplex/Indianapolis Jun 27 Mid American Air Center/ Southern Indiana Jun 27 Illinois Star Center/West Kentucky Jul 11 Cummins Test Track Walesboro/ Columbus Sports Car Club Jul 12 Mid American Air Center/ Southern Indiana Jul 12 Indiana State Fiargrounds/ Indianapolis Aug 16 Cummins Test Track Walesboro/ Columbus Sports Car Club Aug 21 Grissom Aeroplex/Indianapolis Aug 23 Mid American Air Center/ Southern Indiana Aug 29 Illinois Star Center/West Kentucky Aug 30 Cummins Test Track Walesboro/ Columbus Sports Car Club Sep 13 Indiana State Fiargrounds/ Indianapolis Sep 19 Cummins Test Track Walesboro/ Columbus Sports Car Club Sep 20 Mid American Air Center/ Southern Indiana Sep 27 Grissom Aeroplex/Indianapolis Oct 4 Cummins Test Track Walesboro/ Columbus Sports Car Club Oct 4 Mid American Air Center/ Southern Indiana Oct 11 Mid American Air Center/ Southern Indiana Oct 11 Grissom Aeroplex/Indianapolis Oct 18 Cummins Test Track Walesboro/ Columbus Sports Car Club

Nov 1 Cummins Test Track Walesboro/ Columbus Sports Car Club

#### **V DOWN AND DIRTY**

Road America is the place to be come Aug. 14-16, 2020, for the DirtFish RallyCross National Championship.

NOTE: DUE TO THE COVID-19 OUTBREAK, VARIOUS EVENTS HAVE **BEEN POSTPONED OR** CANCELLED. PLEASE CHECK SCCA.COM OR THE HOST REGION'S WEBSITE FOR THE LATEST INFORMATION.

MIDWEST midiv.org Apr 18 Tulsa Expo Center Fairgrounds/ Northeast Oklahoma Apr 26 Remington Park/Oklahoma May 2 Lincoln Airpark/Nebraska May 3 Tulsa Expo Center Fairgrounds/ Northeast Oklahoma May 9 East Crawford Recreation Area/ Salina May 17 Remington Park/Oklahoma May 31 Metropolitan Community College/Kansas City Jun 5 East Crawford Recreation Area/ Salina Jun 6 Columbus Air Force Base/ Jun o Columbus Air Force Base/ Mississippi Jun 7 Remington Park/Oklahoma Jun 13 Lincoln Airpark/Nebraska Jun 21 Metropolitan Community College/Kansas City Jun 28 Remington Park/Oklahoma Jun 41 Junealh Airparch (Makacha Jul 4 Lincoln Airpark/Nebraska Jul 11 Grenada Municipal Airport/ Mississippi Jul 12 Remington Park/Oklahoma Jul 25 Lincoln Airpark/Nebraska Jul 26 Metropolitan Community College/Kansas City Aug 1 Columbus Air force Base/Mississippi Aug 7 Lincoln Airpark/Nebraska Aug 15 Metropolitan Community College/Kansas City Aug 22 Lincoln Airpark/Nebraska Aug 22 Grenada Municipal Airport/ Mississippi Aug 23 Tulsa Expo Center Fairgrounds/ Northeast Oklahoma Aug 29 Remington Park/Oklahoma Sep 13 Tulsa Expo Center Fairgrounds/ Northeast Oklahoma Sep 20 Metropolitan Community College/Kansas City Sep 20 Remington Park/Oklahoma Sep 26 Lincoln Airpark/Nebraska Oct 10 Columbus Air Force/Mississippi Oct 10 Lincoln Airpark/Nebraska Oct 11 Metropolitan Community College/ Kansas City Oct 25 Metropolitan Community College/Kansas City Oct 31 Grenada Municipal Airport/ Mississippi Nov 8 Tulsa Expo Center Fairgrounds/Northeast Oklahoma



#### SOUTHWEST sowdivscca.org

Apr 19 Burton Coliseum/Southwest Louisiana

Apr 26 Texas Motor Speedway/Texas May 9 Waldron Naval Air Field/South Texas Border May 9 Burton Coliseum/Southwest

Louisiana May 16 Ike Hamilton Expo Center/Red

Rive Jun 6 Waldron Naval Air Field/South

Texas Border Jun 21 University of Louisiana/

Southwest Louisiana

Jun 21 Texas Motor Speedway/Texas Jul 11 Waldron Naval Air Field/South Texas Border

Jul 26 Lone Star Park/Texas Aug 1 Waldron Naval Air Field/South Texas Border

Aug 16 Texas Motor Speedway/Texas Sep 12 Waldron Naval Air Field/South Texas Border

Sep 20 Texas Motor Speedway/Texas Oct 3 Waldron Naval Air Field/South

Texas Border Oct 11 Texas Motor Speedway/Texas Nov 1 Lone Star Park/Texas Nov 7 Waldron Naval Air Field/South Texas Border

Dec 5 Waldron Naval Air Field/ South Texas Border

# ROCKY MOUNTAIN coloradoscca.org May 30 San Juan County McGee Park/

Rio Grande Jun 20 San Juan County McGee Park/ **Rio Grande** 

Jul 11 San Juan County McGee Park/ **Rio Grande** 

Aug 1 San Juan County McGee Park/Rio Grande

#### NORTHERN PACIFIC norpacscca.org Apr 18 Portland International Raceway/

Oregon May 9 Hampton Mills/Oregon May 23 Expo Idaho/Snake River May 23 Crows Landing/San Francisco May 23 Fresno Fairgrounds/San Francisco Jun 6 Expo Idaho/Snake River

Jun 6 Hampton Mills/Oregon

Jun 13 Fresno Fairgrounds/San Francisco Jun 20 Crows Landing/San Francisco Jun 20 Portland International Raceway/

Oreaon Jul 11 Expo Idaho/Snake River Jul 17 Hampton Mills/Oregon Jul 25 Crows Landing/San Francisco

Jul 25 Fresno Fairgrounds/San Francisco Aug 8 Hampton Mills/Oregon Aug 9 Expo Idaho/Snake River

Aug 29 Fresno Fairgrounds/San Francisco

Sep 5 Expo Idaho/Snake River Sep 19 Portland International Raceway/

Oregon Oct 3 Expo Idaho/Snake River

Oct 3 Crows Landing/San Francisco Oct 10 Portland International Raceway/

Oregon Oct 10 Buttonwillow Raceway/Fresno Oct 24 Expo Idaho/Snake River

Nov 7 Crows Landing/San Francisco Nov 14 Fresno Fairgrounds/San Francisco

#### SOUTHERN PACIFIC

Apr 12 Aloha Stadium/Hawaii Apr 17 SDCCU Stadium/San Diego Apr 18 California Speedway/Cal Club Apr 19 Las Vegas Motor Speedway/

Las Vegas

Apr 19 Vidinha Stadium/Hawaii Apr 19 Arizona Motorsports Park/Arizona Apr 26 Marana Regional Airport/

Arizona Border

May 2 Lake Elsinore Diamond Stadium/ San Diego

May 3 Las Vegas Motor Speedway/ Las Vegas

May 15 SDCCU Stadium/San Diego

May 17 Marana Regional Airport/ Arizona Border May 17 Vidinha Stadium/Hawaii May 31 Maui Motorsports Park/Hawaii Jun 6 California Speedway/Cal Club Jun 21 Marana Regional Airport Jun 21 Vidinha Stadium/Hawaii Jun 28 Maui Motorsports Park/Hawaii Jul 11 California Speedway/Cal Club Jul 19 Vidinha Stadium/Hawaii Jul 26 Maui Motorsports Park/Hawaii Jul 26 Marana Regional Airport/ Arizona Border Aug 2 Aloha Stadium/Hawaii Aug 16 Vidinha Stadium/Hawaii Aug 16 Aloha Stadium/Hawaii Aug 23 Maui Motorsports Park/Hawaii Aug 23 Marana Regional Airport/ Arizona Border Aug 30 Aloha Stadium/Hawaii Sep 20 Arizona Motorsports Park/Arizona Sep 20 Aloha Stadium/Hawaii Sep 27 Marana Regional Airport/ Arizona Border Sep 27 Maui Motorsports Park/Hawaii Oct 4 Aloha Stadium/Hawaii Oct 10 Vidinha Stadium/Hawaii Oct 17 Arizona Motorsports Park/Arizona Oct 18 Aloha Stadium/Hawaii Oct 24 Marana Regional Airport/ Arizona Border Oct 24 California Speedway/Cal Club Oct 25 Maui Motorsports Park/Hawaii Nov 1 Aloha Stadium/Hawaii Nov 14 Arizona Motorsports Park/Arizona Nov 14 California Speedway/Cal Club Nov 15 Aloha Stadium/Hawaii Nov 15 Marana Regional Airport/ Arizona Border Nov 22 Maui Motorsports Park/Hawaii Nov 29 Aloha Stadium/Hawaii Dec 5 California Speedway/Cal Club Dec 13 Marana Regional Airport/Arizona Border Dec 13 Aloha Stadium/Hawaii Dec 19 Arizona Motorsports Park/Arizona

## ROADRALLY

NATIONAL/DIVISIONAL Apr 25 NC Steel Haul; Pittsburgh, Pa. Apr 26 NT Laurel Run; Pittsburgh, Pa. Jun 6 NC Roads Scholar; Madison, Wis. Jun 7 NT Roads Scamper; Madison, Wis. Aug 29 NC Lobster Traps; Frederick, Md. Aug 30 DC Crab Traps; Frederick, Md. Sep 19 NC Hoosier Crossroads; Indianapolis. Ind. Sep 20 NT Hoosier Byways; Indianapolis, Ind. Oct 3 NC Oktoberally; Tomah, Wis. Oct 4 NT GR8 Purple Cow Rally; Tomah, Wis Nov 13 NT USRRC - Hell and Back; Whitmore Lake, Mich. Nov 14 NT USRRC - Pavement Ends;

Whitmore Lake, Mich. Nov. 15 DC USRRC - Are You Territorial?; Whitmore Lake, Wis.

### **REGIONAL/DIVISIONAL**

NORTHEAST nediv.org Apr 25-26 Super 8, Golden Mile Highway/Steel Cities Region May 17 RT Carolina Blue Restaurant/ South Jersey Jul 19 RT SCarolina Blue Restaurant/ South Jersey Oct 25 RT Carolina Blue Restaurant/South Jersey

GREAT LAKES greatlakes-scca.org Apr 11 RC BP, McDonald's/Indianapolis Jun 20 social Kroger parking lot/ Indianapolis

Oct 24 GTA Kualoa Ranch/Indianapolis Dec 5 GTA Brownsburg Square Shopping Center/Indianapolis

4/12/1985

Houston

#### SOUTHERN PACIFIC

May 1 Bank of America, Mission Hills, Calf./Cal Club Jun 5 Bank of America, Mission Hills, Calf./Cal Club

Find more events near you at www.scca.com/roadrally

### RALLYCROSS

DIRTFISH NATIONAL TOUR

Jun 5-7 Thunderhill raceway Park, Calif. Jun 26-28 Ross County Fairgrounds, Ohio

#### **DIRTFISH NATIONAL C'SHIP**

Aug 14-16, 2020 Road America, Wis.

Apr 19 HollyTree Off Road/Tennessee

#### REGIONAL SOUTHEAST sedivracing.com

Vallev Apr 18 St. Lucie Fairgrounds/Central Florida May 9 HollyTree Off Road/Tennessee Valley May 16 St. Lucie County Fairgrounds/ Central Florida May 31 HollyTree Off Road/Tennessee Valley Jun 13 Florida Int'l Rally and Motorsport Park/Central Florida Jun 27 HollyTree Off Road/Tennessee Vallev Jul 11 St. Lucie County Fairgrounds/ Central Florida Jul 26 HollyTree Off Road/Tennessee Vallev Aug 8 St. Lucie County Fairgrounds/ Central florida Aug 29 HollyTree Off Road/Tennessee Valley Sep 5 St. Lucie County Fairgrounds/ Central Florida Sep 20 HollyTree Off Road/Tennessee Vallev Oct 3 Florida Int'l Rally and Motorsport Park/Central Florida Oct 17 HollyTree Off Road/Tennessee Vallev Oct 24 St. Lucie County Fairgrounds/ Central Florida Nov 15 HollyTree Off Road/Tennessee

Valley Dec 12 HollyTree Off Road/ Tennessee Valley

#### CENTRAL cendiv-scca.org

May 17 Southern Iowa Speedway/Iowa Jul 12 Butler County Fairgrounds/Iowa Sep 13 Butler County Fairgrounds/Iowa

#### MIDWEST midiv.org

Apr 19 I-80 Speedway/Nebraska May 17 City of Madison/St. Louis May 31 46 Subaru/Wichita Jun 6 I-80 Speedway/Nebraska Jun 7 City of Madison/St. Louis Jul 12 City of Madison/St. Louis Jul 19 I-80 Speedway/Nebraska Jul 26 Howard, Kan./Wichita Aug 9 City of Madison/St. Louis Sep 6 City of Madison/St. Louis Sep 20 I-80 Speedway/Nebraska Sep 20 Howard, Kan./Wichita Sep 27 City of Madison/St. Louis Oct 11 81 Speedway/Wichita Oct 18 I-80 Speedway/Nebraska Nov 8 I-80 Speedway/Nebraska Nov 14 City of Madison/St. Louis

#### SOUTHERN PACIFIC

Apr 18 MC Motorsports Park/Arizona Border

# ANNIVERSARIES SCCA MEMBERS CELEBRATING 25-65 YEARS

65-YEAR MEMBERS 4/1/1955 John W. Bornholdt Vance Braxton Jr. 4/1/1955 Rockwell O'Sheill 4/1/1955 David B Wild 4/1/1955 Wm M. Wonder 4/1/1955 60-YEAR MEMBERS Alex Dearborn 4/1/1960 Gayle Hancock 4/1/1960 John C. Hancock 4/1/1960 4/1/1960 Jav H. Heizer Philip M. Henderson 4/1/1960 4/1/1960 Charles Kulmann **55-YEAR MEMBERS** Lorraine Aronson 4/1/1965 R. James Boehm 4/1/1965 4/1/1965 David M. Chiles James Corcoran 4/1/1965 Dave Frellsen 4/1/1965 Daniel Furey 4/1/1965 Terry Hanushek 4/1/1965 4/1/1965 Frank E. Henrich Jeff Jankiewicz 4/1/1965 Laury Lundberg 4/1/1965 Peter Magnuson 4/1/1965 C. Dean Read 4/1/1965 **50-YEAR MEMBERS** Andrew Gilberg 4/1/1970 Johannes W. Krauss 4/1/1970 Gary Mahannah 4/1/1970 Jim C. Rawson 4/1/1970 Don Verdiani 4/1/1970 45-YEAR MEMBERS Larry Funk 4/1/1975 Rosemary A. Goodnight 4/1/1975 Rex S. Gunning 4/1/1975 Michael R. Jaeger 4/1/1975 David A Kolh 4/1/1975 Keith Krop 4/1/1975 Reed Kryder 4/1/1975 Sandi Kryder Robert M. Lee Jr. 4/1/1975 4/1/1975 Delmar Long 4/1/1975 William O. Margraf 4/1/1975 Robert C. Raub 4/1/1975 Scott Vandeweghe 4/1/1975 James R. Vaseff 4/1/1975 **40-YEAR MEMBERS** Shirley D. Belizaire 4/1/1980 Andrew D. Collins 4/1/1980 Sidney H. Collins 4/1/1980 Donald H. Denomme 4/1/1980 4/1/1980 Jim Garry David A. Gomberg Lee William Grimes 4/1/1980 4/1/1980 Linda L. Hansen 4/1/1980 Gerald P. Hansen 4/1/1980 J Michael Hemsley 4/1/1980 Robert C. Henson 4/1/1980 Candida L. Kaplan 4/1/1980 Barry W. Kashar 4/1/1980 Norman W. Morgan 4/1/1980 Mike Schiffer 4/1/1980 Soter Slomski 4/1/1980 Don Smethers 4/1/1980 4/1/1980 Steven Wold 35-YEAR MEMBERS Donald B. Ahrens 4/16/1985 Rene Bine III 4/9/1985 Paul Brown 4/4/1985 4/19/1985 Peter Calhoun Raymond Carmody Jim Coman Ronald J. Conrad Michael C. Dirienzo 4/15/1985 Bob Eaton Jennifer Eaton

William Farmer

Chuck Hanson

Donald E. Hill

James Jacobs

John Luetien

Scott Meyers

Patrick McCammon

South Jersey St Louis Western New York Finger Lakes New York

New England South Texas Border South Texas Border Lone Star Western New York Cal Club

Steel Cities St Louis North Carolina Washington DC Chicago Ohio Valley South Jersey New York Indiana Northwest Oregon Central Florida Chicago

Detroit New York Northern New Jersey Houston Philadelphia

Neohio Finger Lakes Western Ohio Rio Grande New England Texas Mahoning Valley Mahoning Valley Florida Iowa San Francisco Colorado Northern New Jersey Atlanta

Neohio Northwest Central Florida New England Mohawk Hudson Washington DC Central Kentucky Blackhawk Valley Blackhawk Valley Chattanooga Kansas City Steel Cities San Francisco Atlanta Central Florida New England Oregon Mohawk Hudson

Central Florida San Francisco Rio Grande Chicago 4/26/1985 Glen 4/19/1985 Alabama 4/24/1985 Fort Wayne 4/29/1985 Chicago Central Florida 4/15/1985 Central Florida 4/24/1985 Detroit 4/24/1985 Rio Grande Chicago 4/29/1985 Blue Ridge 4/24/1985 4/4/1985 New England 4/24/1985 Fort Wayne 4/24/1985 Arizona Border John A. Phillips Robert J. Polastre John G. Polkinghorne Mike Presley David E. Ray Stephen Rick Dave Riehl Timothy R. Schnell Roger A Stark Ken Steagall "Jude" Ann Summers Daniel Tinley Joel Topolosky Benjamin Tyler Ronald Wilcox

#### **30-YEAR MEMBERS**

Chris W. Albin Tim Brecht Dennis Chalfont Jerome S. Conway Kevin Coulter Kirk Fleming Linda Fleming David Flesher Andy Hohl Darryl T. Hunter Art Jaso Richard C. Johnson Gary Kincel Marc Lisner Gary W. Massey Teresa M. Massey Charles Mathis Mark McAllister Jane McGinley Gregory Mulcahy Deborah N. Nicolette Klaus Ortmann Diane Petrone John R. Petrone Heather Powers Dave Ruegsegger Paul Shaver Joseph Stadelmann R. Matt Sternenberg Katharine Sturgis Wilmer Valentin M Bart Wolf Irene Woodworth

#### 25-YEAR MEMBERS

4/6/1990

4/25/1990

4/20/1990

Vickie Abbott Donna C. Auger Gordon Bror Benson Darlene F. Cannon Rick Carr Brenda R. Conrad Dave Deborde Taylor E. Dobbs Arlene E. Donovan Catherine M. Folev Michael Gardner Robert Goppold . Sean Gould Adrian R. Hilliard Austin R. Hilliard Natalie W. Hilliard Michael Holz Lorena Irvine Sarah A. Kelly William S. Kincaid Sharon Kincel Corv Leblanc Brian D. Licklider Linda Livermore Carl Maier W. Preston Mevers Gerardo Morales Frank Putman Steve Rav Henry F. Rompage Derek Schardt Jim Shaffer Ken Snyder Blair Stitt Kathryn A. Trier Joe Walvoord

4/4/1985 Mohawk Hudson 4/24/1985 Oklahoma 4/19/1985 Central Carolinas 4/12/1985 San Francisco 4/24/1985 Tennessee 4/24/1985 Oregon 4/24/1985 Oregon 4/4/1985 Northwest 4/24/1985 Tennessee 4/24/1985 Ohio Valley 4/12/1985 Chicago 4/4/1985 Ohio Valley 4/17/1985 Cincinnati 4/9/1985 Central Carolinas 4/16/1990 Southern Illinois 4/29/1990 San Diego 4/7/1990 Cal Club 4/16/1990 Atlanta 4/20/1990 Chicago 4/29/1990 Cal Club 4/5/1990 San Francisco 4/6/1990 Buccaneer 4/6/1990 St Louis 4/6/1990 North Carolina 4/25/1990 Washington DC 4/17/1990 Detroit 4/29/1990 Steel Cities 4/9/1990 Old Dominion 4/17/1990 Colorado 4/17/1990 Colorado Southern Illinois 4/16/1990 Finger Lakes 4/6/1990 4/6/1990 Central Florida 4/25/1990 Detroit Washington DC 4/6/1990 4/7/1990 Central Florida 4/29/1990 Neohio 4/29/1990 Neohio 4/16/1990 North Carolina 4/11/1990 Colorado 4/11/1990 Finger Lakes 4/23/1990 New England 4/11/1990 Houston 4/17/1990 New England

4/6/1995 Buccaneer 4/7/1995 Detroit 4/25/1995 Cincinnati 4/20/1995 Southern Indiana 4/6/1995 Ozark Mountain 4/13/1995 Fort Wayne 4/25/1995 Reno 4/18/1995 Glen Washington DC 4/12/1995 4/27/1995 Northern New Jersev 4/25/1995 Land O'Lakes 4/11/1995 Detroit 4/24/1995 Colorado 4/6/1995 South Carolina 4/6/1995 South Carolina 4/6/1995 South Carolina 4/24/1995 Milwaukee 4/6/1995 Kansas City 4/27/1995 New England 4/12/1995 San Francisco Steel Cities 4/11/1995 Central New York 4/6/1995 4/6/1995 Blue Mountain 4/18/1995 Land O'Lakes 4/12/1995 Texas 4/6/1995 Chicago 4/12/1995 Florida 4/25/1995 Detroit 4/25/1995 Detroit 4/6/1995 Kansas City 4/17/1995 Western Ohio 4/25/1995 Neohio 4/11/1995 Kansas City 4/19/1995 North Carolina 4/18/1995 Des Moines Valley 4/24/1995 Milwaukee

Central Florida

Milwaukee

Buccaneer

### **NEW PRODUCTS**



#### **AUTOMETER E-POWER 800 JUMP STARTER**

AutoMeter has introduced the E-Power 800 Emergency Power/ Jump Starter. This versatile unit can jump start your car as well as charge your personal electronics and supply an emergency LED flashlight with SOS and strobe modes. This power pack also charges any device with a USB port, such as a phone, computer, or tablet. The EP-800 jump starter is perfectly suited for auto, marine, power sports, and lawn tractor applications, among others. autometer.com

#### **TCI SIX-SPEED** ANSMISSION PACKAGE

TCI introduces its new 6x Six-Speed Transmission Package for externally balanced Small Block Ford applications. Using the latest innovations in drivetrain technology, TCI developed a groundbreaking transmission for street, Pro Touring, and race vehicles. The 4L80E-based 6x Six-Speed Automatic Transmission is a fully programmable transmission that gives you six forward gears for quick acceleration and increased fuel economy at cruising speeds, while still being capable of handling up to 850hp. tciauto.com



#### ANDERSON COMPOSITES SHELBY MUSTANG HOOD

HOT SHOT SECRET

LUBRICANT

Anderson Composites has announced a new double-sided dry carbon fiber hood for 2015-'19 Shelby GT350 and GT350R owners who desire optimal heat extraction during track days. The large center vent measures an impressive 20-inches wide and 23-inches long for maximum heat extraction, while the side vents each measure 8-inches wide and 16-inches long. The vented area provides optimal heat extraction for vehicles that may be equipped with aftermarket performance products. andersoncomposites.com

#### ESSENTIAL TOOLS, ACCESSORIES, AND GEAP FOR RAY

#### **PORSCHE CARRERA** 911/996 BLACKHEART EXHAUST

The Holley Hooker BlackHeart

exhaust is a simple but effective install for your 1998-'04 Porsche 911/996 Carrera. Utilizing the factory hardware, this system bolts directly in place of the factory muffler. Built of 2.25-inch 304SS tubing, it will provide years of maintenance-free service. The high-flow mufflers and resonators deliver a deep tone with reduced resonance at cruising speed. The system is finished off with four slash-cut tips for an aggressive look. holley.com

# HEATSHIELD PRODUCTS INSUL-BOOT

Spark plug boots and wires are located within one of the most intense heat environments on an engine: next to the exhaust manifold. Insul-Boot from Heatshield Products encases spark plug boots in a specially formulated and woven thermal barrier rated for a constant 1.200 degrees F and intermittent 2,000 degrees F of heat exposure to keep high-radiated heat from degrading the boots to the point of reduced function or misfires. heatshieldproducts.com



Hot Shot's Secret Never Rust Lubricant is a new multipurpose, 100-percent synthetic spray lubricant that protects metal parts from rust and corrosion significantly longer than competitive brands. Formulated by Lubrication Specialties Inc., manufacturer of Hot Shot's Secret highperformance oils and additives. Never Rust Lubricant is ideal for use on metal nuts and bolts, cables and chains, metal tools, automotive parts, door hinges, locks, and much more. hotshotsecret.com

SportsCar welcomes submissions of relevant motorsports products. Please send a description of the product, including price, and a color image to SportsCar Top Gear, 17030 Red Hill Avenue, Irvine, CA 92614, or e-mail sportscar@racer.com. Products appearing in SportsCar are not necessarily endorsed by SportsCar or the SCCA.



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PHILIP ROYLE EDITOR, SPORTSCAR MAGAZINE

# THE TIMES, THEY ARE A-CHANGIN' BUT ONLY TEMPORARILY)

his issue went to print as the world ground to a halt. The COVID-19 pandemic was spreading wildly through the U.S. and beyond, and the residents of this planet began the process of hunkering down for an unknown length of isolation. In our SCCA world, many March events were canceled as host Regions and the SCCA National Office opted to set #funwithcars aside over the greater good of humanity. Truly, the old SCCA adage of "We came for the cars but stayed for the people," took on new light as the Club banded together by temporarily disbanding, placing the health of the membership and the world as top priority.

Yet this is not a column about a destructive virus. Yes, motorsports both small and large have been postponed, and many individuals have found themselves fighting for toilet paper, but it's important to remember that the world keeps turning. The SCCA will once again compete on the nation's greatest road courses, parking lots, and dirt fields. Our days of getting up at 5 a.m. for the privilege of standing in parking lots are far from over. If you want me to pull out some relatively incoherent automotive metaphor, I could say that motorsports is not hitting the brakes, it's actually pushing

"Our days of getting up at 5 a.m. for the privilege of standing in parking lots are far from over"

the clutch. This is a temporary pause before clicking back into gear. Momentum will not be lost during this shift; if anything, greater things are to come.

Completely unrelated to this, SportsCar recently underwent its own change. Jason Isley, who has been the magazine's Associate Editor for over a

decade, has decided to move on to new adventures. While a statement like that is often marketing spin on someone's involuntary departure, that is not the case here. Jason will be stepping into a role at another company that's completely different from his prior duties at SportsCar, and I truly wish him the best. It's also important to note that his byline will continue to appear in the magazine, although that largely depends upon his availability, as his new gig promises to keep him hopping.

But as Jason well knows, working for SportsCar (and motorsports in general) is a bit like being in the mafia: once you're in, there's no getting out. Proving the point is the fact that these pages still periodically hold the bylines of Richard S. James and Steve Nickless, both of whom are past SportsCar editors. Jason also still represents Area 11 on SCCA's National Board of Directors, so he's going nowhere.

SCCA is also here to stay. While I hold up in my home office, I want to fast-forward to see what the world is like when this issue hits mailboxes. Beyond that, how will the 2020 Tire Rack Solo National Championships, DirtFish RallyCross National Championship, United States RoadRally Challenge, and the National Championship Runoffs cope with this unthinkable disruption? I'm curious, yet I already know the answer. Rewind the clock 19 years to 9/11, and you'll find the SCCA membership to be a remarkable group. Indeed, these are unprecedented times, but we will race again - and we will do so closer than a six-foot social-distancing mandate. •



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# **FROM THE ARCHIVES**

10 YEARS AGO ...



• A virtual racing competition placed one talented driver in the selection process for the real 2010 SCCA Pro Racing TDI Cup.

• Our Think Different feature told of interesting Regional events and series, like the Morror Khana autocross.

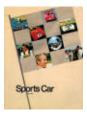




• The first in a multi-part series tackled the topic of correct driver etiquette in a variety of SCCA Road Racing classes.

• In a riveting news story, SportsCar analyzed hotel room rates for the SCCA National Convention from 1994-'95.





• A Timing and Scoring feature told of the best practices of the day, which involved tapers entering car numbers next to the car's time on a tape, then tearing off that tape and passing it to a calculating group for the lap times to be worked out.

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