

# Geargrinders News

August 2024



## August 17 Saturday Series Rally

Rallymasters Bill and Kelly Ferber are planning a scenic drive, heading south into Marion County, including a trip through Butteville. Watch [www.cascadegeargrinders.org](http://www.cascadegeargrinders.org) for more information.

The Cascade Geargrinders Saturday Rally Series offers beginner-friendly time-speed-distance road rallies, lasting three to four hours, starting and ending in the Portland area.



Champoeg Park

The August 17 rally is the final event in the 2024 Saturday Rally Series. Teams who run three or more of the six Saturday Series rallies are eligible for Series Awards.

## July 20 Saturday Series Rally

Sixteen teams entered Cascade Sports Car Club's fifth event in the 2024 Saturday Rally Series on July 20. The rally traveled from Dealers Supply in northwest Portland, up I-5 North to Ridgefield, into the hinterlands of Clark County, pausing for a break at the Fargher Lake Store, and ending at the Prairie Tavern in Brush Prairie, Washington. The route was just over 90 miles and took a bit over three hours to complete.

### What the rallymasters said

by Monte and Victoria Saager

The July rally – **Rally by the Numbers** – is a reflection of classic time-speed-distance trick-and-trap road rally. In addition to traditional sign hunts and main road traps, the July rally included some brain tickling math and logic puzzles. Yep, our kind of fun.

The route followed roads familiar to long-time local rallyists. We've written many events in this fertile rallyland. This time we ran much of the usual route backwards, just for a different perspective.



A local attraction that appears along the rally route shortly after the end of the odometer calibration section is a display of amazing yardart. Metal statues, carvings of animals and people, historic buildings, and a stream with waterfalls decorate this long roadside frontage. Search "[Farm carvings Ridgefield Washington](http://www.farmcarvings.com)" to see this overlooked display. We take our rally route by it whenever we're in that area.

### Schedule

August 14, Wednesday  
Registration closes midnight

August 16, Friday  
Zoom Rally Q&A meeting 7 pm

August 17, Saturday  
First team starts 10:01 am  
First team finishes approx. 1:30 pm  
Prizes awarded soon after last team finishes

### Registration

Entry requires a street-legal vehicle, licensed and insured driver, navigator, and a smart device (cell phone or tablet) running the Competitor Richta GPS Checkpoints app. The app is free.

Entry fee is \$25 per team for CSCC members, \$35 per team for non-members.

Register by **midnight August 14:**  
<http://msreg.com/CSCC24AugustRally>

## Challenges

Despite the rally puzzle fun, the July rally was an easy rally. A couple of sign-hunt notes and a pretty good main road trap kept things interesting.

Early in the rally, an ITIS (if there is such) instruction offered a speed change at a sign reading Pinegrove Tables. There is such a sign, sort of. It actually reads "Pinegrove Stables" but the S is very stylized and might be discounted as decorative. So the correct action was to skip this ITIS instruction as you never encountered the referenced sign. Teams that used the ITIS and decreased their CAST from 40 to 35 were late on Leg 6.



The first of the two sign-hunt notes, Note Horses, directed you to CSD (change speed down) 3 at each equestrian sign. This note was introduced but never canceled so it remained active until the end of the rally. The second note, Note View, directed you to CSU (change speed up) 3 at each sign reading View. The two notes overlapped for a good part of the rally so you were looking for both signs at the same time. Note Horses was used four times: twice on Leg 9, once on Leg 10, and once on Leg 18. Note View was used three times: twice on Leg 10 and once on Leg 11.

The main road trap was set up by these two route instructions:

R first OPP.

R on 135TH ITIS.

Some rallyists were tempted to execute the R first OPP at the pictured intersection. However, there's a back-facing stop sign on the road straight ahead, while there is no back-facing stop sign on the road coming from the right. So the main road at this intersection goes right. Meaning you cannot execute an instruction here directing you to go right.



The correct action was to follow the main road to the right and continue looking for an opportunity to execute the R first OPP. And yes, there is an opportunity just about a block down the road to go right on 124th. So 124th was where you should have executed the R first OPP. Having done so, you never do encounter an opportunity to execute the ITIS instruction, so you skip it. If you decided to use the R first OPP at this pictured intersection, then you continued down the road to 135th where you used the R on 135th ITIS.

The first of two math logic puzzles was presented in this route instruction: CAST 25 for half the distance to the next NRI then CAST 35. The challenge is you don't know the distance to the next route instruction. Seems like you could just split the difference and average 30 mph, but that's not quite right. It takes longer to drive a distance at 25 mph than it does to drive that same distance at 35 mph.

One clever team at a previous rally where this puzzle was presented approached the problem by driving a tenth of a mile at 25, then a tenth of a mile at 35, then another tenth at 25, etc. until the next route instruction was reached. That approach might come close, but a more accurate strategy is to calculate an average speed to maintain over the entire distance.

Here's the formula we think works: Calculate the factor (minutes per mile =  $60/\text{speed}$ ) for each speed, add the factors together and divide by 2, then divide 60 by the calculated average factor to determine the appropriate average speed. Using this approach, the perfect average speed for the entire distance is 29.167 mph. If you just drove the entire distance at 30 mph, you'd be early. TSD road rally is all about precision.



## Geargrinders News (continued)

The second and final math logic puzzle was presented at that same intersection pictured above. The route looped around and returned here after the break. The route instruction read:

S AFTER "YIELD". Decrease CAST by 100% for 30 seconds, then increase CAST by 100% for 30 seconds, then CAST 36.

We previously established that the main road goes right at this intersection by Protection (only one route leaving the intersection without a back-facing stop or yield sign). So, yes, the instruction S (straight) can be executed at this intersection. But then what do you do with the rest of the instruction?

We arrived at this instruction traveling at a CAST of 42 mph. We can all agree that 100% of 42 is 42, right? So decreasing 42 by 100% equals zero. So you pause for 30 seconds. Then increasing zero by 100% is still zero, so you pause another 30 seconds. And finally you change your average speed to 36 and carry on.

The instruction as we originally wrote it said to go straight through the intersection and then pause a minute to enjoy the view of Mt. St. Helens. But this was a much more interesting way to say that, don't you think?

### Congratulations to the top finishers

First overall and first in the Equipped Category is the team of **Bob Morseburg and Cheri Eddy** in Car #25 with a total of 48 points over 16 scored legs. They zeroed five legs, and nine of their leg scores were single digit. Impressive!

Second overall and first in the Novice Class is the team of **Bill and Felix Kayser** in Car #11 with a score of 90. They ran one perfect zero leg and got single digit scores on twelve legs. Wow! What a great performance from this Novice team!

Third overall and first in the SOP Class is the team of **Russ and Kate Sherrell** in Car # 2 with a score of 105. They zeroed one leg and got single digit scores on eleven legs. Very nicely done!

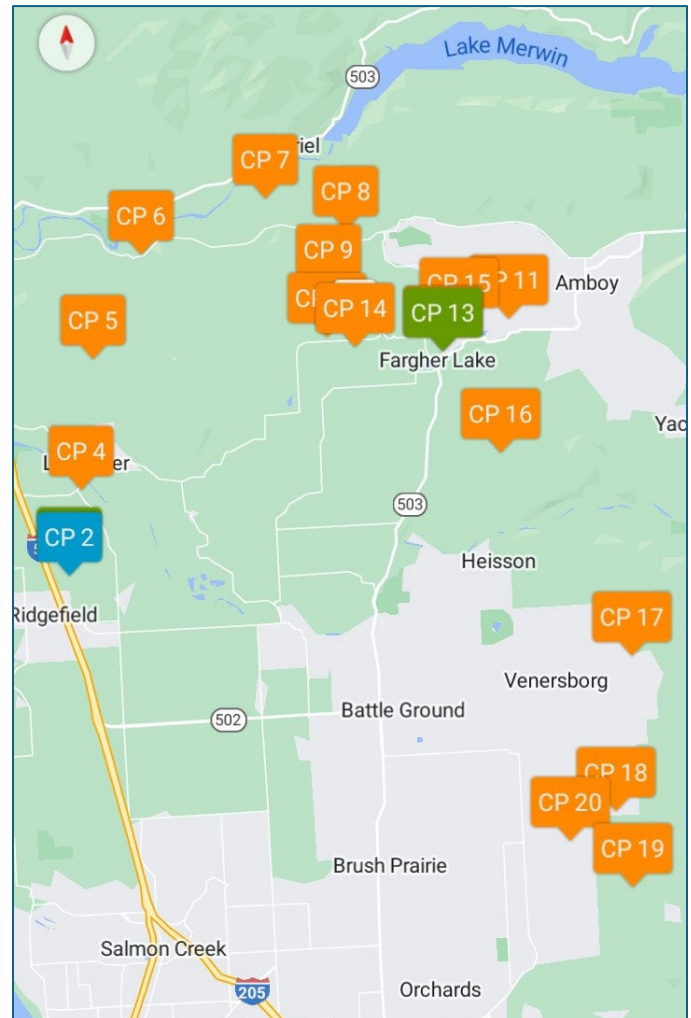
Second SOP is the team of **David and JoAnn Gattman** in Car # 1 with a score of 160. They were doing so well until they fell for a math problem and maxed Leg 15. Can't win 'em all.

Second in the Novice class is the team of **Sean Pitman and Grant Heizenrader** in Car # 15 with a total score of 173. They turned in a good performance with one zero and eight single digit scores.

Third SOP is the team of **Torm Kelsey-Green and Kasey Klaus** in Car # 13 with a score of 185. They zeroed one leg and had five single digit scores.

Finishing third in the Novice class is the team of **Mike and Cheryl Knight** in Car # 12.

The top three teams in each class received car wash coupons, coffee cards and candy bars. The taste of victory is always sweet. Congratulations to all!



Green = Restart location Orange = Checkpoint

Cascade Sports Car Club's

# 2024 Saturday Series Rally

## *Rally by the Numbers*

July 20, 2024

Rallymasters: Monte and Victoria Saager



Car #	Team	Class	Vehicle	Score
<b>Equipped:</b> (GPS and Unlimited)				
25	Bob Morseburg / Cheri Eddy	GPS	2007 Honda Civic (Bronze)	48
8	Robert Paxman / Chris Lane	GPS	2004 Nissan SpecV (Silver and black)	DNS
<b>SOP:</b> (stock)				
2	Russ Sherrell / Kate Sherrell	SOP	2003 Porsche 911 (Black)	105
1	David Gattman / JoAnn Gattman	SOP	2021 Subaru Crosstrek (White)	160
13	Torm Kelsey-Green / Kasey Klaus	SOP	2006 Dodge Magnum (Slate Green)	185
6	Joel Bristol / Aksel Bristol	SOP	2017 Mazda Miata (Black)	254
3	Trever Wilhelm / Bill Ferber	SOP	2013 Fiat 500 Pop (Mental Green)	266
10	Andrew Brewer / Kat Iverson	SOP	2018 Cadillac ATS 3.6 AWD (Satin Steel)	310
4	Alex Castaneda / Eric Hanson	SOP	2022 Chevrolet Bolt EUV (Dark grey)	DNS
5	Dave Sacry / Kathleen Sacry	SOP	2024 Mazda CX-5 (White)	DNS
7	Lee Nielsen / Marc Nielsen	SOP	2000 Audi TT (Silver)	DNS
9	Brian Anderson / Jamie Anderson	SOP	2020 Mazda CX5 (Red)	DNS
<b>Novice:</b> (stock)				
11	Bill Kayser / Felix Kayser	NOV	2022 Audi RS5 (Silver)	90
15	Sean Pitman / Grant Heizenrader	NOV	2011 Honda Fit (Blue)	173
12	Mike Knight / Cheryl Knight	NOV	2021 Volkswagen Atlas (Racing Green)	497
14	Greg Nation / Kayla Wanzer	NOV	0 Honda Cr-v (White)	500

DNS = Did not start

[Series Points Standings](#)



*Enjoy a fun drive in the country. Play the game that takes you places.*

[www.cascadegeargrinders.org](http://www.cascadegeargrinders.org)

[rally@cascadesportscarclub.org](mailto:rally@cascadesportscarclub.org)

#CSCC Road Rally

as of 7/20/2024 5:15 PM

## 2024 CSCC July Rally - Leg Scores

Car #	Team	Class	4	5	6	7	8	9	10	11	12	14	15	16	17	18	19	20	Total
25	Bob Morseburg / Cheri Eddy	GPS	11	10	0	6	2	7	1	3	1	0	0	1	3	3	0	0	48
11	Bill Kayser / Felix Kayser	NOV	8	12	1	5	4	2	3	6	6	3	15	15	4	4	2	0	90
2	Russ Sherrell / Kate Sherrell	SOP	6	4	3	13	5	2	7	18	4	2	11	0	2	23	3	2	105
1	David Gattman / JoAnn Gattman	SOP	4	14	12	13	14	2	1	2	3	9	60	2	1	7	14	2	160
15	Sean Pitman / Grant Heizenrader	NOV	3	16	11	8	10	5	8	30	3	0	26	6	14	7	20	6	173
13	Torm Kelsey-Green / Kasey Klaus	SOP	20	25	0	7	12	13	11	7	3	6	11	8	19	17	15	11	185
6	Joel Bristol / Aksel Bristol	SOP	18	2	21	57	11	2	60	60	1	6	0	6	0	0	6	4	254
3	Trever Wilhelm / Bill Ferber	SOP	56	40	13	10	42	1	6	32	2	2	15	5	2	34	4	2	266
10	Andrew Brewer / Kat Iverson	SOP	25	10	50	17	41	3	3	5	2	12	60	13	6	39	22	2	310
12	Mike Knight / Cheryl Knight	NOV	60	60	13	24	17	6	24	60	60	31	15	55	31	8	24	9	497
14	Greg Nation / Kayla Wanzer	NOV	60	60	15	15	16	6	60	60	13	31	33	25	52	20	24	10	500
4	Alex Castaneda / Eric Hanson	SOP																	DNS
5	Dave Sacry / Kathleen Sacry	SOP																	DNS
7	Lee Nielsen / Marc Nielsen	SOP																	DNS
8	Robert Paxman / Chris Lane	GPS																	DNS
9	Brian Anderson / Jamie Anderson	SOP																	DNS

DNS = Did not start

# 2024 Saturday Road Rally Series Standings

Cascade Sports Car Club

## EQUIPPED: (nonstock measuring and calculating equipment allowed)

<b>Drivers:</b>	Class	March	April	May	June	July	August	Series Total
Bob Morseburg	UNL/GPS	2	2	4		1		9
Robert Paxman	UNL/GPS	0	1	3	1			5
Marcus Gattman	UNL/GPS				2			2
Andy Lilienthal	UNL/GPS			2				2
Frank McKinnon	UNL/GPS			1				1
Gary Davis	UNL/GPS	1						1

<b>Navigators:</b>	Class	March	April	May	June	July	August	Series Total
Cheri Eddy	UNL/GPS	2	2	4		1		9
Chris Lane	UNL/GPS	0	1	3	1			5
Brandon Harer	UNL/GPS				2			2
Mercedes Lilienthal	UNL/GPS			2				2
John Putnam	UNL/GPS			1				1
Gabe Stephens	UNL/GPS	1						1

## UNEQUIPPED: (stock)

<b>Drivers:</b>	Class	March	April	May	June	July	August	Series Total
David Gattman	SOP	7	7	9		5		28
Alex Castaneda	SOP	5	7	8	6			26
Russ Sherrell	SOP	4	8	6		6		24
Joel Bristol	SOP	5	3	3	3	3		17
Torm Kelsey-Green	SOP	1	5	2	4	4		16
Dave Sacry	SOP	3	4	4	5			16
Bill Ferber	SOP	2	2	5	2			11
Lee Nielsen	SOP			7				7
Andrew Brewer	SOP		1	1		1		3
Trever Wilhelm	SOP					2		2
Kevin Marino	SOP				1			1

<b>Navigators:</b>	Class	March	April	May	June	July	August	Series Total
JoAnn Gattman	SOP	7	7	9		5		28
Eric Hanson	SOP	5	7	8	6			26
Kate Sherrell	SOP	4	8	6		6		24
Kasey Klaus	SOP	1	5	2	4	4		16
Kathy Sacry	SOP	3	4	4	5			16
Aksel Bristol	SOP	5		3	3	3		14
Kelly Ferber	SOP	2		5	2			9
Marc Nielsen	SOP			7				7

**UNEQUIPPED: (stock)****Continued**

								Series
<b>Navigators:</b>	Class	March	April	May	June	July	August	Total
Kat Iverson	SOP		1	1		1		3
Susan Bristol	SOP		3					3
Bill Ferber	SOP					2		2
Monte Allen	SOP		2					2
Aspen Padilla	SOP				1			1

**NOVICE: (stock)**

								Series
<b>Drivers:</b>	Class	March	April	May	June	July	August	Total
Sean Pitman	NOV		6	7		3		16
Michael Knight	NOV		5	6		2		13
Bill Kayser	NOV	5			1	4		10
Barbara Jacobs	NOV	4		3	2			9
Dan Kuenzi	NOV	3		5				8
Greg Nation	NOV	2	2	2		1		7
Bjorn Roberts	NOV		7					7
Felix Kayser	NOV			4				4
Angus Proud	NOV		4					4
Laith Colonica-Ladnier	NOV		3					3
David Goldblatt	NOV			1				1
Morey Straus	NOV		1					1
Cole McCray	NOV	1						1

								Series
<b>Navigators:</b>	Class	March	April	May	June	July	August	Total
Grant Heizenrader	NOV		6	7		3		16
Cheryl Knight	NOV		5	6		2		13
Cindy Kuenzi	NOV	3		5				8
Kayla Wanzer	NOV	2	2	2		1		7
Duncan Roberts	NOV		7					7
Bjorn Freeman-Benson	NOV	5			1			6
Felix Kayser	NOV					4		4
Bill Kayser	NOV			4				4
Wendy Proud	NOV		4					4
Jamie Anderson	NOV	4						4
Lynn Barnett	NOV			3				3
Desiree Colonica	NOV		3					3
Kat Iverson	NOV				2			2
Julia Goldblatt	NOV			1				1
Mariska Straus	NOV		1					1
Matt Higgs	NOV	1						1

Per RRR 7.2 best 5 of 6 finishes count toward Series total

## Mountains to the Sea Rally Weekend – Sept. 21-22

Cascade's 59th anniversary running of the [Mountains to the Sea Road Rally](#) is Sept. 21. Rallymasters Torm Kelsey-Green and Kasey Klaus are planning a beautiful tour-style route starting in Milwaukie, traveling down the valley and over the Coast Range, to Seaside.

Results will be announced and trophies awarded to top finishers at [Mo's Seaside](#) on the Prom turnaround soon after all the teams finish the rally. Following the awards presentation, share rally stories while you enjoy s'mores around the beach fire.



A block of rooms is available for rally participants at the [Hi-Tide Oceanfront Inn](#). Block room rates are available through **August 20. Reserve soon.**

After spending the evening on the beach, warm up in the Inn's heated pool or hot tub. Then get a good night's sleep, because there's more rally on Sunday.

Rise and shine, grab some complimentary breakfast, then gear up for a second rally. Starting in Seaside, the bonus rally on Sunday ends at the [El Tapatio](#)

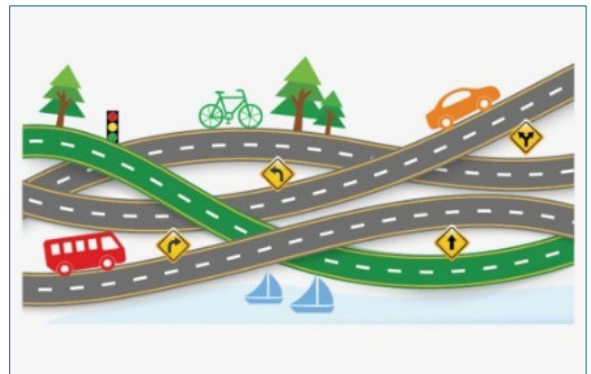
[Restaurant](#) in Rainier, Oregon. First car starts in Seaside at 10:01 a.m. and arrives in Rainier about 1:30 p.m. Rally results and prizes, including sweet rewards, will be presented soon after all teams finish the rally. The Sunday rally ends about an hour from Portland and about an hour from Centralia.

Don't miss this great rally weekend – including a bonus rally. Make plans now! <http://msreg.com/CSCC24M2C>

## Be a Rallymaster

Do you have an idea for a rally route? You could be a Rallymaster. We will help you turn your route idea into a real road rally.

Thinking ahead to the Cascade Geargrinders 2025 Road Rally Season, contact us about your rally route idea at [rally@cascadesportscarclub.org](mailto:rally@cascadesportscarclub.org)



## Help needed!

Your Geargrinders Chairs need help to keep Cascade's road rally program going. What kind of help?



→ Event promotion – announce upcoming events by sending emails and posting on social media.

→ Registration and check-in – manage rally entries in MotorsportReg and monitor virtual check-in.

→ Event prizes – acquire event prizes and season awards, get perpetual trophies engraved.

→ Photography – take pictures of rally roads and rally teams and winners.

How can you help? Contact us at [rally@cascadesportscarclub.org](mailto:rally@cascadesportscarclub.org)





# CASCADE SPORTS CAR CLUB GEARGRINDERS

## 2024 Road Rally Schedule

as of 12/14/23

Register: [MotorsportReg.com](https://MotorsportReg.com)

Cascade Sports Car Club's Road Rally program (aka Cascade Geargrinders) organizes time-speed-distance road rallies in and around Portland, Oregon.

**What is a TSD road rally?** A game that takes you places. A scenic drive on country roads. A fun autosport competition for teams of all levels.

### Saturday Road Rally Series

**February 17 – Rally School** – Start the season with a virtual review of time-speed-distance road rally rules and procedures on Friday evening. Then run a practice road rally on Saturday morning to test your driving skills and navigational knowledge.



**March 23**

Saturday Series rallies are beginner friendly TSD road rallies, starting and ending in the Portland area. Rallies take three to four hours to complete. First car starts at 10:01 a.m.

**April 20**

**May 25**

**June 22**

Entry fee: \$25 per car for CSCC members, \$35 per car for non-members

**July 20**

**Save with a Series Pass.** \$150. Includes entry in Rally School and all 6 Saturday Series rallies. Register just once to enter all 7 events. Run the same car number with the same start time each rally. Available to CSCC members only. CSCC membership is [available online](#).

**August 17**

### Special Events

**September 21 – Mountains to the Sea** – 59th anniversary of Cascade's classic rally. Full-day tour-style time-speed-distance road rally, offering a scenic route that is fun to drive, starting in Portland and ending at the Pacific Ocean (perhaps Gearhart). Entry fee: \$60 per car for CSCC members, \$85 per car for non-members

**October 26 – Ghouls Gambol** – This daytime rally explores autumn colors around Portland's foothills and farmland. Optional decorated car show. Caution: May include tricks and treats. Ends at Spirit of Halloweentown in St. Helens. Entry fee: \$25 per car for CSCC members, \$35 per car for non-members

**Save more with a Season Ticket.** \$210 for 9-event Season Ticket. Includes all benefits and events in the Series Pass, plus entry in Mountains to the Sea and Ghouls Gambol. Available to members only. CSCC membership is [available online](#).

#### For all 2024 Cascade Geargrinders road rallies:

- Online registration is required: [MotorsportReg.com](https://MotorsportReg.com).
- Entry requires a street-legal vehicle, a licensed insured driver, a navigator, and a smart device (e.g., cell phone or tablet) running the [Competitor Richta GPS Checkpoints app](#) (app is free).
- Rallies are conducted in accordance with the current [Road Rally Rules](#).



*Enjoy a fun drive in the country. Play the game that takes you places.*

[www.cascadegeargrinders.org](https://www.cascadegeargrinders.org)

[rally@cascaadesportscarclub.org](mailto:rally@cascaadesportscarclub.org)

[f](#) #CSCC Road Rally