



THE Cat Fancier

August 2021

Official Newsletter of the Jaguar Owners Club of Oregon



AUGUST EVENT

JOCO &

Thompson's Mill

State Heritage Site, Shedd, Oregon

RSVP
nuttallf@gmail.com

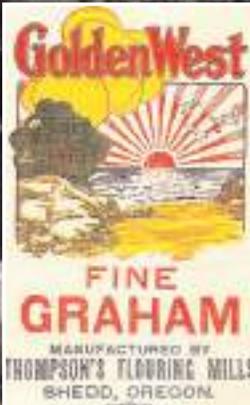
August
14th



Group up at 9:30am at the Wilsonville Burger King on Wilsonville Rd.

We will spend about 30-60 minutes for the tour and for looking around the site.

Following lunch and the tours, we'll leave for home or further individual adventures.



Depart at 10 for Silverton and a comfort break.

Thompson's Mills is a unique survivor of times past, chronicling 160 years of Oregon rural life and honoring the owners who continually adapted the mill to the changing world around it. It is the last water-powered mill in the state and its turbines can be seen in action on guided tours. A water right that predates statehood produces the water flow that still runs the milling machines today.

Arrival at the mill will be about 1pm.



We have reserved picnic tables at the park next to the mill. Bring your own picnic.

A docent will guide us inside the mill.

<https://stateparks.oregon.gov/index.cfm?do=park.profile&parkId=186>

Rex Nolo Loquitor



This Space for Rent:

Our esteemed fearless leader, Rex Schneider is moving houses and was other wise engaged to the point where he could not come to the phone for an exclusive interview.

Therefore the following silliness will take up his space. Happy housing, oh great one. See you next month.

AWFUL PUNS:

1. Dad, are we pyromaniacs? Yes, we arson.
2. What do you call a pig with laryngitis? Disgruntled.
3. Writing my name in cursive is my signature move.
4. Why do bees stay in their hives during winter? Swarm.
5. If you're bad at haggling, you'll end up paying the price.
6. Just so everyone's clear, I'm going to put my glasses on.
7. A commander walks into a bar and orders everyone around.
8. I lost my job as a stage designer. I left without making a scene.
9. Never buy flowers from a monk. Only you can prevent florist friars.
10. How much did the pirate pay to get his ears pierced? A buccaneer.
11. I once worked at a cheap pizza shop to get by. I kneaded the dough.
12. My friends and I have named our band 'Duvet'. It's a cover band.
13. I lost my girlfriend's audiobook, and now I'll never hear the end of it.
14. Why is 'dark' spelled with a k and not c? Because you can't see in the dark.
15. Why is it unwise to share your secrets with a clock? Well, time will tell.
16. When I told my contractor I didn't want carpeted steps, they gave me a blank stare.
17. Bono and The Edge walk into a Dublin bar and the bartender says, "Oh no, not U2 again."
18. Prison is just one word to you, but for some people, it's a whole sentence.
19. Scientists got together to study the effects of alcohol on a person's walk, and the result was staggering.

PUNishment continued on page 3

Board of Directors

TERMS EXPIRE JANUARY 2022

Carl Foleen,	Portland
Rex Schneider,	Forest Grove
Mike Scott,	West Linn

TERMS EXPIRE JANUARY 2023

Tomas Bromander,	Portland
Sue Kornahrens,	Portland
Fred Nuttall,	Portland

TERMS EXPIRE JANUARY 2024

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Mathew Nowak,	Sandy
Clint Percival,	Milwaukie

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JCNA Regional Liason:	Barbara Grayson, Portland
Membership:	Sue Kornahrens, Portland
Partnerships & JOCO Marketplace:	Open
ABFM Liason:	Mike Scott, West Linn
ABFM Liason:	Rex Schneider, Forest Grove
JCNA Concours Chair:	Mike Scott, West Linn
JCNA Concours Chief Judge:	Rex Schneider, Forest Grove
Newsletter Editor:	Glen Enright, Hillsboro
Webmaster:	Seth Shenker, Eugene

www.joco.org

NOTICE:

JOCO Board Meetings are held the second Thursday of every month unless otherwise noted (please consult the JOCO website for the most current updates). JOCO events are in Bold face type on the Club Calendar; other Jaguar club and local events of interest are in regular type.

YOU are welcome and encouraged to submit ideas/comments to the JOCO board. The editor is actively seeking articles / photos. Send submissions by e-mail

Disclaimer: Any technical information published here is without claim for accuracy, and is to be used with caution unless and until verified by another source as true and accurate. Any information published is intended to be for educational purposes, and not for use by the reader for at-home repair and/or maintenance. JOCO recommends that our readers use the services of a well-qualified mechanic/shop for any and all service to your motorcar. £

Find us on the Internet: www.joco.org.



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PUNishment from page 2

20. I'm trying to organize a hide-and-seek tournament, but good players are really hard to find.
21. I got over my addiction to chocolate, marshmallows, and nuts. I won't lie, it was a rocky road.
22. What do you say to comfort a friend who's struggling with grammar? There, their, they're.
23. I went to the toy store and asked the assistant where the Schwarzenegger dolls are and he replied, "Aisle B, back."
24. What did the surgeon say to the patient who insisted on closing up their own incision? Suture self.
25. I've started telling everyone about the benefits of eating dried grapes. It's all about raisin awareness.



"Speeding, officer? You'll have to ask the self-driving car."

SAVE THE DATE!

Thompson's Mill State Heritage Site page 1

August 14th

Meet at 9:30 am at Wilsonville Burger King. This 113 mile drive will take us to a park where we can have a picnic lunch before touring the old mill. We will be observing any CDC guidelines still in effect.

All British Field Meet

September 3rd, 4th & 5th

This is the biggest annual event for our club. Over 800 British cars on the field at PIR. Please make sure to sign up on the website. www.abfm-pdx.com/2021. **Go to page 5** to print out the JCNA registration form to enter your car in either Championship or Driver's class. Follow the instructions on the form. REMEMBER: you must sign up for both the All British Field Meet and the JCNA Concours! Do it, NOW!

Questions? Email Rex:

rex.schneider@ampf.com

Rob Enderle Spills All:

Autonomous Driving: The Change That Puts Classic Cars At Risk

Last month we talked about electric cars and how this trend would make it harder to support cars powered by gas engines. But

this decade, we have a second threat, and Autonomous Driving has the genuine potential of forcing older cars off the road far more quickly and definitively. Let's talk about the

Autonomous Car movement this month. What's driving it, where the technology is, and why it is likely to make human-driven cars obsolete next decade.

driver time for other pursuits. The social driver is saving all of these lives. In contrast, the personal driver can do legally in

last, it would feel like you were driving the car, but in fact, the car is just taking direction from your control movements and



Vintage illustration of a family of four playing a board game, while their futuristic electric car automatically drives itself, 1957. Photo: GraphicaArtis/Getty Images

doing what it believes will best protect your life.

In addition, there are five levels for autonomous driving. Level zero is no driving automation; Level one is basic driver assistance, think cruise control with some lane-keeping capability. Level two will allow some limited hands-free driving (most advanced systems today, including GM's and Tesla's, the

The Value Proposition For Autonomous Cars

Around 36K people are killed each year in vehicle deaths in the US, around 1.3M worldwide. That's way more than a 9/11 event every month in the US where just short of 3K died. It is estimated that autonomous cars could reduce this death rate by over 99% once the technology is mature. That is saving the lives of 1.3M fathers, mothers, daughters, and sons. In the US, over 6K people die due to car accidents that weren't even in cars; they were walking near or across a road, these deaths would be virtually eliminated.

On top of these benefits, once a critical mass, autonomous cars would massively reduce traffic jams, eliminate massive multi-car accidents, and free up

cars what people are now doing illegally, like play with their Smartphones or watch entertainment, moving those practices from dangerous to acceptable.

Approach And Ranking

There are two fundamental schools of thought concerning autonomous vehicle technology called "Chauffeur" and "Guardian Angel." The two approaches aren't mutually exclusive in that both could be available in the exact vehicle. Chauffeur is where the car takes overall control, and the driver controls become redundant. Guardian Angel, the more interesting of the two, is where you seem to be driving. Still, the computer is between you and the car's control elements interceding when you are doing something stupid or dangerous. On this

most advanced in production, are considered level 2+ but not yet level three). Level 3 is conditional automation which should mostly work on freeways, but it still requires the driver to take over as needed though it doesn't require hands always be on the wheel. Level four is what most are working on now, where the car can drive itself on almost any road, but there would still be situations where a driver would be needed. Level five is where the computer does the driving, and the driver is fully redundant.

While level 5 is what most of us think about when it comes to the term autonomous driving, it has some issues, not the least of which is, if the car gets into an accident and is at fault, who owns the liability? Right now, that is the car companies, and they don't want the liability, so there is a lot of resistance to

Autonomous continued on page 10

Jaguar



Concours d'Elegance at P I R

Jaguar Clubs of North America sanctioned Concourse and Slalom Hosted by the Jaguar Owners Club of Oregon

Name _____ JCNA # _____

Address _____ City _____ State/Prov _____ Zip _____

email address _____ Phone _____

Car Year _____ Model _____ Colour _____

To be judged in class (see below) _____ Fee: \$30 per car, payable on the field.

This JCNA Registration may be:

E-mailed to: rex.schneider@aampf.com or

Phoned to: 503-206-1391 cell or

Mailed to: Rex Schneider - 800 Roxe Dr., Forest Grove, OR 97116

Labor Day Weekend!
September 3, 4 & 5, 2021
Register Now!

Champion/Driven/Special Division Classes

Championship	Driver	
C1/PRE	D1/PRE:	Classics (Pre-XK engine) Tourer, OTS, DHC and Saloons: Swallow, SS & SS Jaguar (1927-51)
C2/I20	D1/PRE:	XK 120 (1948-54)
C3/I40	D1/PRE:	XK 140 (1955-57)
C4/I50	D1/PRE:	XK 150 (1957-61)
C5/E1	D2/PRE:	E-Types, Series 1 (1961-67)
C6/E2	D3/PRE:	E-Types, Series 1.5 (1968) and Series 2 E-Types (1968-71)
C7/E3	D4/PRE:	E-Types, Series 3 (1971-75)
C8/SLS	D5/SLS:	Early Large and Small Saloons: MK VII, MK VIII, MK IX, MK 10, 420G, (1950-70), MK 1 (2.4 & 3.4), MK 2 Series (2.4, 3.4, 3.8 liter, Daimler V8), 240, 340; S-Type 3.4S, 3.8S, & Jaguar and Daimler 420 (1955-69)
C9/XJ	D6/XJ:	XJ6/12 Series 1 Saloons (1968-73); XJ6/12 Series 2 Saloons and Coupes (1973- 79); Series III XJ6, XJ6 Sovereign and XJ6 VDP (1979-87); Series III V12 and V12 VDP (1979-92)
C10/XJ	D7/XJ:	XJ6 (XJ40) Sedans (1987-94), XJ12 (XJ40) (1993-94); XJ6/12/R, (X300) (1995- 97)
C11/J8	D12/J8:	XJ8/R Sedans (X308) (1998-2003), XJ8/R Sedans (X350 Alloy) (2004-2009)
C12/JS	D8/XJS:	XJ-S/SC (1976 - 1991 Pre-Facelift) Coupe, Cabriolet, H&E Convertible, Convertible, XJR-S Le Mans, XJR-S Jaguar Sport.
C13/JS	D9/XJS:	XJS (1991 - 1996 Facelift) Coupe, Convertible, XJR-S Jaguar Sport.
C14/K8	D10/K8:	XK8 Coupe and Conv. (1996-2006), XKR (1999-2006)
C15/XK	D11/XK:	XK and XKR Coupe and Conv. (2007-On)
C16/SX	D13/SX:	S-TYPE Sedans (1999-2008), X-TYPE Sedans and Estate Wagon (2002-2008)
C17/PN:	—	Preservation Class (more than 35 years old)
C18/PN:	—	Preservation Class (20 to 35 years old)
C19/FJ	D14/FJ:	XF Sedans (2008-On), XJ Sedan (2010 [as 2011 model year] - On), XE (2016 Model Year) (2016 AGM)
C20/F	D15/F:	F-TYPE (2013-On)
C21/FP	D16/FP:	F-PACE (2016-On), E-PACE, I-PACE (2018-On) (2018 AGM)
Special		
S1/PD:	—	Competition
S2/MOD:	—	Modified
S3/REP:	—	Replica, Jaguar powered

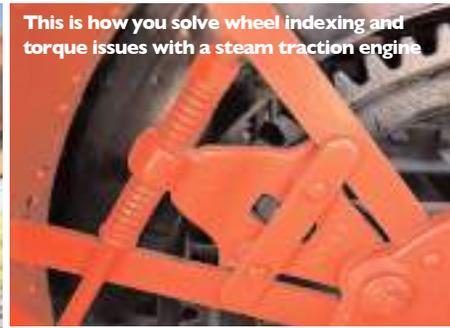
STEAM UP PIX



Fascinating mechanical components



Typical garb of the day and the job of engineer and fireman. The overhead chains operate separate whistles as various warnings or signals to field crews



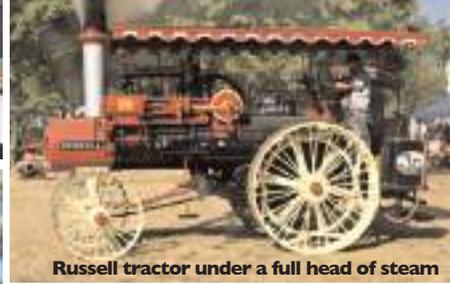
This is how you solve wheel indexing and torque issues with a steam traction engine



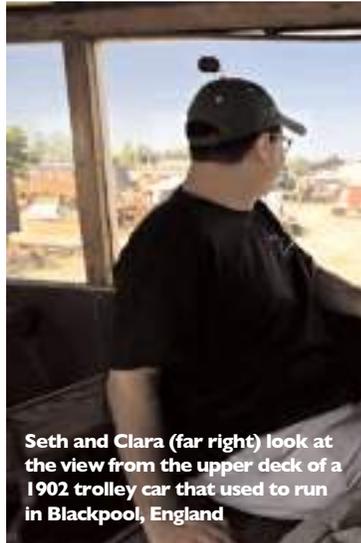
Not exactly Dante's Inferno, but close. How you keep a steam powered saw mill "all fired up"



First rate restoration - good for the paint that can hold up under that kind of heat - the headlight is an oil lamp



Russell tractor under a full head of steam



Seth and Clara (far right) look at the view from the upper deck of a 1902 trolley car that used to run in Blackpool, England



Nichols and Shepard steam traction engine



Massive belts and pulleys to transmit the power from the steam engine to the saw



The Intrepid JOCO Band of Adventurers: Seth, Clara, John, Matthew, and Scott (Carl is the photojournalist)

Carl Foleen

The Raving Reporter Gets Steamed!

For the first time in several years (a small cadre of) JOCO members took to the road for a short trip to Brooks, Oregon. This was a "back-up" event since our hoped-for BBQ at King's Cross failed to materialize this year.

Six hearty souls sallied forth (without a fifth of Beethoven) after gathering at the French Prairie rest area just south of Wilsonville for a short drive further south on I-5 to exit 263 and westward to Antique Powerland. John Buchanan, Seth Shenker, William and Scott Nowack, Clara and Carl Foleen made up the entire group.

The online purchase of event tickets made it much easier to step into the park. Having pulled into our parking spaces at exactly 0900 hours, we were greeted by a respectful crowd who stopped and patiently listened to a gentleman who clearly enjoyed his "mike time" talking to the crowd at the official opening ceremony for the day's events.

Eventually all was pontificated upon, the national anthem was played, the stars and stripes were raised and every available steam whistle raised a joyous noise. Almost as if to wish the Coronavirus and all of its variants a speedy one-way journey to the netherworld, from whence it should never return.

We proceeded to a likely candidate for the requisite group photo (establish-

ing our whereabouts at that point in time), and then proceeded to look at the "survivor" and "concours" steam powered traction engines that were displayed just opposite the sawmill. Since the sawmill was scheduled to have its demonstration begin at 10 A.M. we had plenty of time to "go walkabout."

Seth, John, Clara, and Carl started a tour of the traction engines, but John noted that it would be impolite not to visit his friend at one of the major tractor exhibits (since he had provided a guest pass for John). So then there were just the "three Musketeers" (Seth, Clara, and Carl). Onward!

First up was a wandering path to the "vintage" Texaco station. Much to my surprise it had what appeared to be a 1961 Studebaker Lark in one of the "service bays" (sans hydraulic service lift and/or grease pit). Nostalgia - an aunt once owned one of those, until she decided the better of her choice and traded it in for a 1963 Chrysler Newport.

Subsequently we thought that a ride on the vintage trolley would be a hoot, so off we wandered. As it turned out, it was time for the sawmill demonstration to take place, so that was first on the list.

The trolley car station was close by, and it was mercifully air conditioned. We

purchased tickets (most of the proceeds go to helping lay and/or restore trackage around the park so that the trolley can make a complete loop of the entire venue) then waited a short time for the trolley to return for our ride. It was built in 1902 and served the town of Blackpool, England. The ride was a charming trip into the past. It would be difficult to find craftsmanship like that these days in all of the details, from the woodwork to the cast iron fixtures. The decorative glass was especially charming in the sunlight.

Our last stop was a trip through the stationary engine display. One featured engine is a twin cylinder steam engine that has a displacement of over ten thousand cubic inches. Nothing about that engine is small.

Our time was up, it was getting warmer, and Seth had to head back to Eugene to work a closing shift for his job.

This correspondent and significant other stopped for lunch at McMenamin's "John Barleycorn" pub and eatery, while Seth found an entirely different kind of adventure. His car overheated - not a drop of coolant and he was just a few miles away from Powerland when that happened. We will defer to Seth to describe what happened in another article.



Jaguar News from the Web

Jaguar new EVs are going upmarket.

Big changes are afoot at Jaguar because the brand intends to sell only EVs by 2025. In addition, the British brand's next generation of products could take a step higher in the market by competing against the likes of Bentley and Aston Martin, according to Jaguar Land Rover CEO Thierry Bollere in Automotive News Europe.

"We will reposition completely the Jaguar brand," Bollere said.

"The SUV will be Land Rover. Jaguar will be different from the

SUVs. Very distinct."

The new brand strategy for Jaguar includes not replacing any of its current models when they reach the end of their production runs. The company will invest £2.5 billion (\$3.48 billion at the current exchange rates) into EV tech and to develop a new vehicle architecture for these models. This platform will be exclusive to the Jaguar brand and won't be underneath future Land Rovers.

Bollere also offered some more details about the decision to ax

By Chris Bruce
Motor 1.com



JAGUARS ON THE GREEN

SATURDAY, AUGUST 7TH, 2021

SWINOMISH CASINO & LODGE
12885 CASINO DR., ANACORTES, WA 98221

CONCOURS D'ELEGANCE & CAR SHOW
SANCTIONED BY JAGUAR CLUBS OF NORTH AMERICA
8:00 AM - 3:00 PM

AWARDS CEREMONY & BANQUET
SATURDAY, AUGUST 7TH, 2021
6:00 PM - 11:00 PM



WWW.SEATTLEJAGCLUB.ORG/JOTC

Concours Registration

August 7, 2021

Concours 8 a.m. to 3 p.m.

Awards Ceremony & Banquet 6 p.m.

Swinomish Casino & Lodge,

12885 Casino Dr, Anacortes, WA 98221

What venue! The concours field is right outside the door of the lodge and casino's guest rooms, food, entertainment and all the amenities.

Register now. Have your JCNA registration number ready and go to www.SeattleJagClub.org/jotg

Before the August 16 cutoff date, reserve one of the block of rooms reserved for the concours at the **Swinomish Casino and Lodge by calling reservations at 360-588-3600 or 888-288-8883.**

Please provide them the group code: **Seattle Jaguar.**

We have reserved:

10 king standards - \$159 plus tax per night

5 double queen standards - \$159 plus tax per night

3 double queen bay view - \$179 plus tax per night

Questions? Contact Concours Chair Joey Manley
joeymanley@gmail.com, 206-458-1178



REGISTER TODAY



THE FESTIVAL IS BACK!

Mark your calendar for the 2021 Oregon Festival of Cars on **September 17-19**. Same place and format as before, but since the last Festival seems like ancient history, we'll remind you.

The Festival location is the Deschutes Historical Museum in Bend, Oregon. You remember, the really nice lawn area with the big trees and the wonderful museum two blocks from Downtown Bend. The Dan Balmer Trio will be back to provide the perfect musical accompaniment for the beautiful cars on the field.

For those of us on the west side of the Cascades, the weekend will start Friday morning at Ron Tonkin Gran Turismo. We'll gather there for a group drive over to Bend. Details on the website, it'll be sure to be an interesting drive.

Friday evening registration/check-in will be at our host hotel: **the Residence Inn**.

We are planning to have the Saturday evening Festival Banquet at the Residence Inn. But, as you would expect, we can't be certain today that we will be legally able to do that. Updates will come as we get closer.

The Festival will wrap up with the traditional Sunday Dash, our usual nice romp through the woods to a socially-distanced outdoor lunch spot.

Stay in the loop! Sign up to be on our mailing list.

Registration IS NOW open -

<http://www.oregonfestivalofcars.com/enews.php>

Get the Festival on your calendar! And get your oil changed and start cleaning that car.

We don't give out your information - just send you news on the Festival.

For more information: info@oregonfestivalofcars.com

Autonomous continued from page 4

moving to accurate level 5 cars outside of automated commuter vehicles like taxis.

Why Non-Autonomous Cars Are In Danger

Insurance cost is the issue. Models indicate that if you can reduce accidents by 99%+, it will force premiums to drop by a similar percentage, given premiums are tied to the financial risk. But, should a human driver enter a road with autonomous driving vehicles, which can move as a unit, a mistake made could be even more catastrophic because, unlike autonomous cars, humans represent an unknown variable. Part of the autonomous car spec is vehicle-to-vehicle communications, which allows these cars to avoid massive pileups and better anticipate accidents. Still, humans won't be part of that network.

Insurance companies are already looking for ways to instrument the cars better and penalize you for speeding or unsafe driving. In that future world, the same thing could happen if you choose to drive your car, resulting in a significant penalty charge as the insurance companies move

to mitigate the resulting risk. For cars that don't have autonomous driving, once autonomous cars are at critical mass, you could be looking at a car insurance increase of between 5x and 10x, which most drivers today likely can't afford at the same time everyone with autonomous cars sees a better than 90% reduction making for a significant cost delta between the two platforms. And since the majority of autonomous cars (level 3 and above) are expected to be electric, this should accelerate the switch from ICE (Internal Combustion Engine) to electric.

Wrapping Up: Timeline

Most of the fully autonomous vehicles coming to market and in test right now are for public transit like Robot Taxis. Tesa is talking about turning on their Level 3 system shortly, but we shouldn't get to critical mass for between five and ten years. By then, more cost-effectively electrify gas cars, but adding autonomous driving to non-autonomous cars remains problematic due to the size and number of cameras and other sen-

sors you need for the implementation to work. And you'd need to convert all the controls to drive-by-wire systems as well, which would be particularly costly for older cars not design for them.

The first places to see the elimination of human-driven cars will likely be highways and freeways, followed by large cities, then small towns, and finally rural areas where we may continue to see human-driven cars until nearly mid-century. This outlook is based on what happened to horses when we moved to cars, and we believe this trend will progress similarly.

I'll close with two caveats. First, the demand for autonomous cars isn't yet where it needs to be to drive this forecast timeline, and we are assuming that marketing will close that gap. That assumption may prove not to be true. Second, there are alternatives like telepresence and personal flying vehicles that could eliminate the need for ground-based cars and make autonomous cars prematurely obsolete, at least personal transportation solutions.

So change is coming, but the nature and speed of this change are still in flux.

JOCO MARKET PLACE



For Sale: '61 Austin-Healey 3000 BT7.

1967 E Type FHC

Started restoration but not completed. Now it's your turn. Many OE and NOS parts included. Numbers matching, 55,000 miles, nearly rust free body and bonnet. Blasted and primed subframe. Five nice wires, complete new interior, tool kit. Color is Golden Sand. Car is located in Edmonds, WA. Asking \$55,000. Call or email Mike Hunsley: 206-795-7938, mikehedmonds@gmail.com

Well maintained and an excellent driver. fresh repaint. Has top and side curtains in good condition. Must see to appreciate. Available for test drive. Asking \$50,000 or reasonable offer.

Glen Enright: 503-341-2906 or britcar69@hevanet.com

XBeautiful 1995 Jaguar XJ6

We have enjoyed my XJ for several years. This is 100% a Portland car sold new and serviced at Monte Shelton Jaguar and then properly maintained by JLR Portland when acquired by me as second owner. For a 25 year old Jaguar, it shows very well. Colors are Ice Blue with a blue grey leather interior embellished with beautiful wood veneer. We drive it frequently and it runs well, no problems. Tires and brakes are very good. Comes with two keys and Fobs and a new battery

installed by JLR as part of a recent service. Mileage is 115,000.

This stand-out classic Jaguar is well-priced at \$4,495. For more details, contact me – Brad – at: bradleys@jlrportland.com or call 503.265.5124

Wanted:

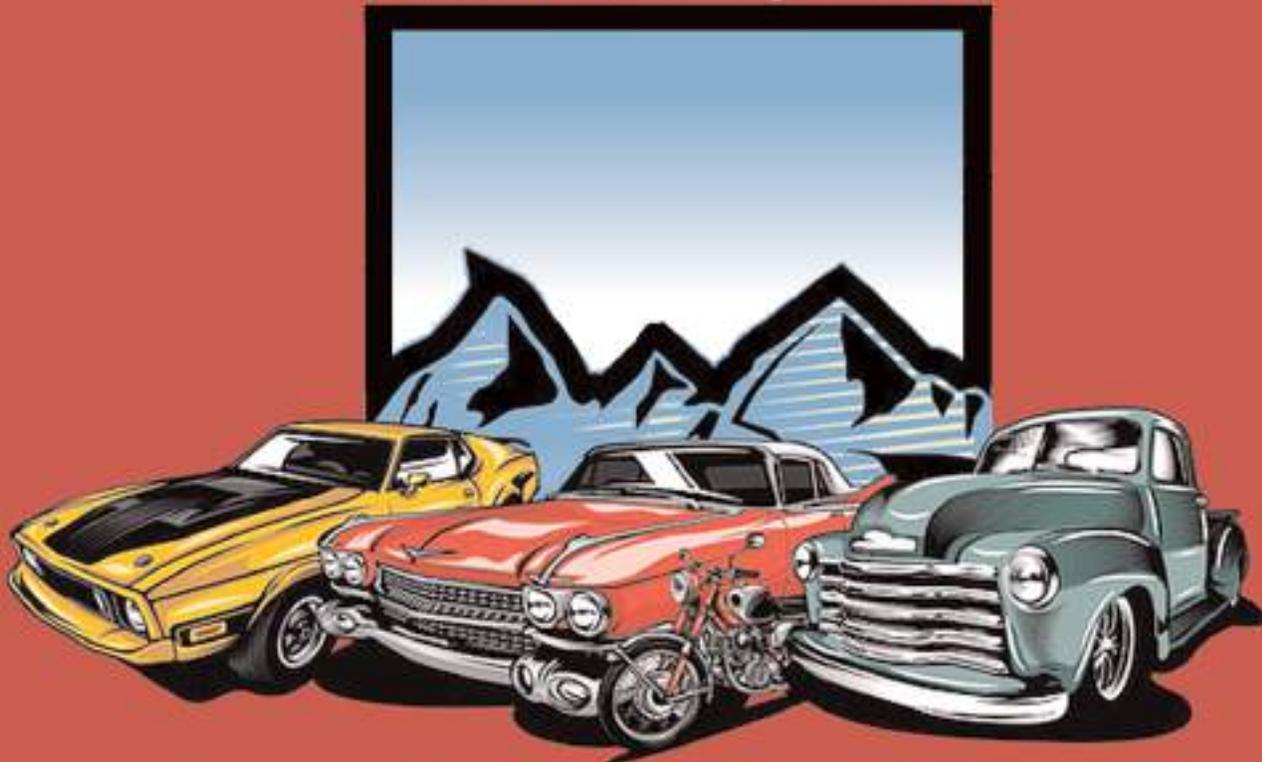
Member of JOCO is looking for an E- type Roadster in great driving condition and prefers to purchase it through our Club. Please call 503.481.2233 or email: trends2012@live.com

JS Lamps – Rare and Like New

These lamps are from a Jaguar XJS most likely vintage 1976 to 1991. They are in excellent condition and have complete original wire harness with original plug.

I am asking \$75 each for the side markers, \$55 each for the bumper turn signals. We live in West Portland so easy to acquire these – contact me at: steve_varga@yahoo.com

AUGUST 21, 2021



CASCADE CAR SHOW

Pre-Register On-Line - \$20 Register on the field - \$25
Show Times 10am — 3pm Awards Begin at 2:30

All Years - All Makes - All Models _ Motorcycles

Awards in All Classes Music from '50s 60s 70s 80s 90s
Plus Live Music after the Show featuring LOOSE PLATOON

FOOD CARTS BEER & SODA FROM WILD RIDE BREWING!

**SPONSORED BY WILD RIDE BREWING!
332 SW FIFTH STREET . REDMOND
AND MOONEY MARKETING**

Register Now: <https://www.redmondcarshows.com/events/cascade-car-show>

QUIZ: AUTOMOBILE HISTORY

1. What was the first official White House car?
2. Who opened the first drive-in gas station?
3. What city was the first to use parking meters?
4. Where was the first drive-in restaurant?
5. True or False? The 1953 Corvette came in white, red and black.
6. What was the first car fitted with an alternator, rather than a direct current dynamo?
7. What was the first car to be offered with a "perpetual guarantee"?
8. What car was the first to have its radio antenna embedded in the windshield?
9. Where was the World's first three-color traffic lights installed?
10. What type of car had the distinction of being GM's 100 millionth car built in the U.S.?
11. Where was the first drive-in movie theater opened, and when?
12. What autos were the first to use a standardized production key-start system?
13. What car was the first to place the horn button in the center of the steering wheel?
14. What's the only car to appear simultaneously on the covers of Time and Newsweek?
15. What was the lowest priced mass produced American car?
16. What is the fastest internal-combustion American production car?
17. Who wrote to Henry Ford, "I have drove fords exclusively when I could get away with one. . . ."
18. What car was the first production V12, as well as the first production car with aluminum pistons?
19. What was the first car to use power operated seats?
20. Which of the Chrysler "letter cars" sold the fewest amount?
21. In January 1930, Cadillac debuted it's V16 in a car named for a theatrical version of a 1920's film seen by Harley Earl while designing the body, What's that name?
22. What is the Spirit of Ecstasy?
23. Where did the name "Pick Up Truck" come from?

Answers in the September Issue.

Jaguar continued from page 7

the next generation of the XJ, despite it appearing to be nearly ready for production in spy shots (above). He said the sedan didn't meet Jaguar's new "Modern Luxury" brand identity. "The XJ replacement was not fitting with that new positioning," Bollore told Automotive News Europe.

Jaguar announced the plan not to produce the new XJ at the same time it outlined the new EV strategy. "Although the nameplate may be retained, the planned Jaguar XJ replacement will not form part of the line-up, as the brand looks to realize its unique potential," the automaker stated.

Waymo partners with Jaguar to deliver a fleet of self-driving I-Pace SUV.

Max Langridge, Contributor · 28 March 2018 · News Pocket-lint

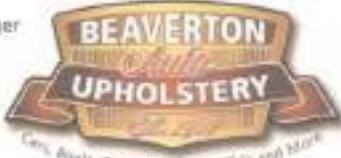
Waymo, the self-driving car company headed up by Google parent company Alphabet, has agreed a deal with Coventry-based Jaguar Land Rover that will see the latter provide some 20,000 electric I-Pace SUVs to the former, to help create a fleet of self-driving taxis.

What is Google Waymo and when can you expect the first cars? Waymo has said it will begin testing the first prototype I-Pace SUV kitted out with its self-driving tech on public roads at the end of this year, before becoming an official part of the self-driving ride-hailing taxi service in 2020.

Rather than retrofit its autonomous technology into a standard I-Pace, Waymo and JLR will in fact build the cars to be self-driving from scratch. Up to 20,000 self-driving I-Paces are expected to be built in the first two years, which should eventually be able to provide up to 1 million trips a day.

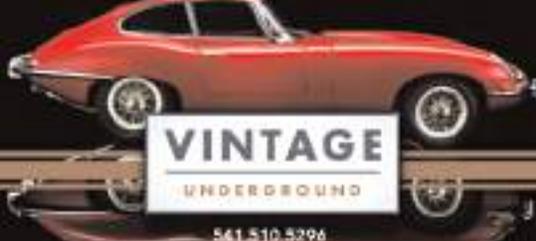
Waymo already has a fleet of 600 Chrysler Pacifica minivans in operation in Phoenix, Arizona, which are running on the company's Early Rider program, which lets members of the public sign up to use the service for free. Riders are selected based on the type of trip they want to take and how willing they are to use self-driving vehicles are their primary mode of transportation. The Chrysler minivans do have a Waymo driver at the wheel, but they are only there in case of an emergency, otherwise the car does all the work.

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