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Auto News Foundation Gains Momentum with Kick Off Scheduled

by Bill McCallum

As we move closer to the Q4 2023 "Kick-Off" of the Auto News Foundation we will be publishing progress reports. That being said here is an update.

• We announced the foundation goals at our 10th Anniversary Legends of Auto Event in Monterey during 2022 "car week." The goal is "... to attract a younger generation of auto technician to the auto industry, while helping Community Colleges with their automotive programs.'

 We filed for and received the documentation for the non-profit in the Fall of 2022.

· We started contacting Community Colleges with automotive programs in the fall of 2022.

· So far we have had meetings with Monterey Community College (CA), Glendale Community College (Phoenix). Renton Technical College & Shoreline Community College (Seattle) and Northeast Texas Community College (Texas) - SEE PAGE 25

• Our goal is to meet with the top tier Community Colleges and automaker OEM's supporting those programs. We have been and will continue to meet with new car dealer groups and individuals supporting those programs.

• We had our first foundation meeting in the Spring of 2023 with Bill McCallum appointed President of the Foundation, Chris Chung, VP and Sally Hanson Sec/ Treas -SEE PAGE 2 & 24 OF CURRENT ISSUE

Before we start fund raising (Q4) we want to make sure our donations will make a difference in reaching our goal of helping Community Colleges promote their automotive programs while giving scholarships to deserving students across the United States. So far it appears that Toyota has the best OEM program in the industry reaching those goals.

SEE PAGE 25 CURRENT ISSUE and stay tuned.



Dan Brigantino First Scholarship Winner in Monterey at MTV (photo Auto News)

The Lexus LX 600 "Ultra Lux" Tours Monterey on Summer Road Trip



Kim DiBenedetto, Monterey Realtor, with LX 600 "Ultra Lux" at one of her Carmel listings (photo Auto News)

by Bill McCallum

The all-new Lexus LX 600 Ultra LUX has been redesigned from the ground up both inside and out. It drives like a sports car in the body of a SUV. The 2023 Lexus LX 600 Ultra LUX got a lot of "thumbs up" during my test drive in and around Pebble Beach and Carmel. I had a chance to connect with our friend and local real estate icon Kim DiBenedetto for a photo shoot at one of her listings in Carmel. (see photo)

The 2023 Lexus LX 600 Ultra LUX is packed with standard safety features including the Lexus

Safety System 2.5 which includes: Pre-collision system w/Pedestrian Detection, All-Speed Dynamic Radar, Cruise Control, Lane Departure Tracing, Blind Spot Monitoring and much more. Multimedia/ Connected Services include: Lexus Interface with 12.3 touch screen, display, wireless Apple CarPlay & Android Auto Capability, Safety Connect, Service Connect. Remote Connect, WiFi Connect, Drive Connect, and Cloud Navigation.

When it comes to the 14 Ultra Luxury Grade Features the 4-passenger Diamond-Stitch Leather Seating with Embossed Headrests

is at the top of the list.

If your looking for a fun-to-drive Luxury SUV with lots of room and packed with up-grades I suggest the 2023 Lexus LX 600 Ultra LUX.

> See Lexus LX 600 "Ultra Lux" Interior Photo and Kim's San Juan Island Estate, listing photo on page 20

The Toyota Tundra 4x4 Hybrid, "Capstone Edition" Now in Dealers



Toyota Tundra 4x4 Capstone at Toyota of Burlington (photo Auto News) Story on

page 14



Washington **State Gas Prices Highest in Nation**



Bill McCallum publisher

For those Washington State residents that don't pay attention to the price of gas at the pump you are now paying the highest price for gas in the United States.

That was the present that our governor and your state legislators gave you this Spring. The good news is Governor Inslee is retiring, but the bad news is that most of the tax and spend legislators are still in office.

Maybe its time to VOTE as if your financial future depended on it. The interesting fact is that most people I speak with say "..... Oh Bill the price of gas is like a roller coaster. It's always up and down." That is true, but in Washington State it will always be the highest price in the United States and it's not about lost revenue for the state from EV sales. (See page 5)

"Breaking News"

Chris Chung has assumed the role of "International Editor" covering Europe, Middle East, and Asia.

EV Related Stories

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- EV Strategies 5
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Ford Mach-E **GT Test Drive** Review



International editor

In 2019, for the first time ever. the Mustang had an SUV trim. That SUV, was the Mustang Mach-E. Being an all-electric vehicle, the Mach-E features stellar performance numbers and thus its name was created as a nod to the iconic Mustang Mach 1, a high performance variant of the Mustang that was first introduced in 1969. I recently had the opportunity to test drive a 2023 Mach-E GT on loan from Bill Pierre Ford in Lake City, and I must say the performance this vehicle had absolutely blew me away.

Under the hood, the Mach-E GT features a dual-motor setup that produces a combined 459 horsepower and 612 lb-ft of torque, allowing for a 0-60 mph time of around 3.5 seconds. This impressive acceleration is complemented by a top speed of 114 mph, making the Mach-E GT a true performance vehicle that will blow the doors off of most

The Mach-E GT also boasts a range of up to 270 miles on a single charge, making it practical for everyday use and longer trips. It supports fast charging, allowing for up to 61 miles of range in just 10 minutes of charging time. I thoroughly enjoyed the fuel savings during

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See page 5 for New News

Northwest Headquarters for **LUXURY New and Pre-owned Vehicles** 13617 NE 20th Street Bellevue, WA 98005 (425) 646-3111 LamborghiniBellevue.com

Spacious & Economical Toyota Highlander Hybrid



Sally Hanson editor

When the 2023 Toyota Highlander arrived for my drive, I was glad to have the opportunity to compare my own compact SUV to the midsize version. Specifically, I was interested in the drive and park ability of a larger vehicle, additional interior space, and features in the top of the line Highlander Platinum that were not included in my 5-year-old top of the line Toyota RAV4.

The Highlander's 2.5-liter, 4-cylinder hybrid engine with All-Wheel-Drive coupled with an electronically controlled continuously variable transmission pumps out 243 combined net horsepower including the combustion engine with 186hp at 6000rpm. With the increased net horsepower, the 35 mpg mileage of combined city/highway driving achieved in the Highlander exceeded that of my compact by 3mpg.

Toyota Highlanders's refined drive comes from the Toyota New Global Architecture platform that provides a smooth ride with sound damping and sound

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Dodge Hornet "Test Drive" Review



LA feature writer

It's no secret that the hottest arena in the car world these days is the one of compact crossover SUVs. Look at almost any brand's top seller, and if they have an entry in the segment that's usually the one leading their charts.

Stellantis has developed just such a vehicle for its multitude of brands, and the Dodge brand is calling its variation the Hornet. Yes, that's a name from the past at American Motors, later absorbed by the old Chrysler Corporation. But this compact crossover is far more modern than its heritage nameplate suggests.

Since Dodge has made its mark in recent years as the American performance brand of Stellantis, there's a performance-themed Hornet called the R/T; the addendum being part of Dodge's longterm legacy. "Road and Track," the initials mean, though it's unclear if any customers' Hornet R/Ts are actually going to end up on a track. It certainly could happen, but the road is where you're much more likely to spot this tidy CUV.

What does opting for the R/T

continued on page 16

Nissan Versa turns the tables on sticker shock



SF feature writer

Anyone who has been shopping for new car recently has certainly been subjected to serious "Sticker Shock" when checking out the invoices of today's new vehicles. Add to that the volatile gas prices and you will quickly get a renewed appreciation for your current wheels.

"I think I'll keep old Betsy around for another year or so,' you say. "She's only got 200,000 miles on her . . . she's still in the prime of her life!"

But fear not, even now in 2023 there are still some brand new cars on the market that are reasonably priced – how does less than \$20,000 for a nicely loaded 2023 Nissan Versa sound?

The new Versa comes in three trim levels: the S, SV and the SR. All Versa models feature a standard 1.6-liter DOHC 4-cylinder engine producing 122 horsepower that and is paired with a 5-speed manual transmission (S trim) or a smooth Xtronic Continuously Variable Transmission (CVT) transmission (optional on S, standard on SV and SR).

continued on page 6



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New Energy Sources are Needed for EV Transition



Jim Trainor LA feature writer

Jim Bardia, renewable-energy authority, calls Governor Newsom a 'realist' in fearing grid load; says brownouts and blackouts are worse than not being able to charge EVs this weekend' Only renewable energy can provide power for EV charges without endangering the grid and dirtying the air

With Californians facing tripledigit temperatures over the Labor Day weekend, residents are confronted with difficult decisions on how to cut back on the use of electricity in order to avoid catastrophic brownouts and blackouts.

Homeowners have come to expect requests to limit the use of air conditioners, washers and dryers and other appliances during the hot summer months. But the painful irony is that now, merely one week after California announced that only electric cars and trucks may be sold in the state starting in 2035, Governor Newsom has requested that no electric vehicles (EVs) be charged over the approaching end-of-summer weekend.

Conflicting scenario Nothing

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Mercedes-Benz C300 4MATIC Sedan

"Iconic C-Class Gains Historic Status"



Ary Voss feature writer

The now iconic Mercedes-Benz C Class sedan first appeared on our shores in 1993 (code-named W202). It was the company's inaugural entry into the "compact" segment and was affectionately dubbed by many as the "Baby Benz". It replaced the Mercedes 190 model lineup.

Somewhat Spartan by upper echelon Mercedes model standards, the C-Class has now gained legendary historic status and has progressed to what might well be thought of as more on the order of a Mini-S-Class, having grown not only in stature, but in the level of opulence and technology as well. **EXTERIOR DESIGN ADVANCES:**

In a view of the side, the skillfully sculpted surfaces serve up delicate light effects, and while the designers reduced lines to a minimum, emphasizing the shoulder line even more. Additional features generating the car's sporty appearance include the wide track width and the flush 18- and 19-inch alloy wheels in striking modern designs.

The familiar radiator grille characterizes the front with all models

2024 Hummer ev HiReaders! Happy Summer! SUV -**First Drive**



Howard Elmer truck writer

The 2024 Hummer ev SUV is all about showcasing new technology – all-electric technology. This can be tough to do for a manufacturer because the real cutting-edge stuff is all under the skin. So, the answer to attracting attention is to put all that tech into the most eyecatching skin you have available. That's exactly what the Hummer ev SUV is; a head turning design driven by an all-electric platform supporting new revolutionary driving tech.

I recently drove this new Hummer through two days of rain in Napa Valley, CA. In some ways its similar to the H2 and H3 (both of which I drove at launch) - by that I mean the look of it. It's the obvious next generation of a family with a heritage that started 30 years ago in the deserts of the Middle East with the HMMWE (High Mobility Multipurpose Wheeled Vehicle) the military Hummer. So, while the DNA is intact in this new Hummer the propulsion is not.

Built on the GM Ultium platform the Hummer ev SUV packages its power in a relatively

continued on page 6

Do you or a friend or family member of yours complete your own auto repairs?



Jordan Williams millennial writer

I recently read an article at autoweek.com, entitled Are Millennials More Likely than Boomers to fix Their Own Cars?, by Emmet White and I enjoyed it.

White states that, "Many Gen Z and Millennial car owners are willing to repair their own car to save a few bucks, according to a study done by consulting agency Census wide"

This was in comparison to approximately 82% of Baby Boomers, the elder generation, who said that they prefer to use professional mechanics.

Less complicated repairs, such as replacing batteries, broken mirrors, and interior updates are the most frequent at home repairs.

Costs of car repairs have increased 23% year to year and many Millennials site professional repair costs exceeding what they can afford as the main reason why those opt for the home repair route.

White also stated it is helpful to have a trusted mechanic on hand to help with first-hand experience to "ensure fewer jobs go wrong".

A Chevrolet Corvette Got Me Into Classics



Mark Smith classic cars writer

What car cemented your love for classics? That is a question that I hear every so often and recently it was asked by another car guy at The Shop in Seattle. Great ice breaker and everyone in the hobby has an answer for that one question.

For me, it started in the late seventies with a 1955 Thunderbird. This car was the long-held object of desire for my father. It was the car that the "rich kids" had when he was younger and vowed to own a Ford Tbird before he was 40. I was there when he took the keys of his black Thunderbird.

The car quickly became part of our family life. Every year we would pull the car out from its winter storage and return it to the garage at the house. The convertible tops on these cars are heavy and difficult to raise or lower. So, for most of its life, the top remained down. The TBird would get driven almost every day through the spring, summer,

The 1955 Ford Thunderbird was the brainchild of George

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Pebble Beach

Concours d' Elegance 2023

Gary Williams

LA feature writer

The Monterey Car Week, which

concludes with the Pebble Beach

Concours d'Elegance has come to

a dramatic close for 2022 and all in

attendance had a wonderful time

in an exquisitely beautiful place.

celebration of Lincoln's 100th

Anniversary and an American

car, a 1932 Duesenberg J Figoni

Sports Torpedo, was selected as

More than 40 classic cars from

18 countries competed for the

esteemed "Best in Show" Award,

but Lee R. Anderson from Naples,

Florida won the esteemed, most

coveted award. This special prize

has not been won by an American

The Concours d'Elegance is

Proceeds from ticket sales and

other profits raised more than 2.6

million dollars for charity which

will be dispersed among 95 local

charities within Monterey County.

They are predicted to have a

attended by people from not only

all over the country, but from all

car for nine years, since 2013.

"Best in Show"!

over the world.

This year's show included a



Has Bidenomics Helped the **Auto Industry**



Larry Weitzman EV specialist

How do you like Joe Biden and the Democrats now? Energy costs are at record levels and the result is the worst inflation in 40 years (you can blame Jimmy Carter for that one). And it was all (inflation and the current recession) caused by Joe Biden, the green democrats and their energy policy. When you limit supply in a constant demand, prices go up. But energy demand isn't constant in a growing economy, it increases incrementally. What Joe Biden did to energy will be judged by history as perhaps the ugliest political move in the last hundred years.

Unfortunately, it was all done with the "Green Dream, (ne Nightmare)" in mind. But it wasn't obtainable at the commencement of the Biden Administration and it isn't now and probably never will be, certainly not without the advent of massive nuclear power plant construction, the cleanest and cheapest of all energy. And the transportation industry, upon which all industry and the population rely on, will always

continued on page 5















Harold Allen Texas feature writer

McLaren Automobiles has relocated from New York to Coppell, landing in a brand new, 31,000 square foot headquarters. Nick Brown, McLaren of the Americas president and Wes Mays, the Mayor of Coppell, joined a group of enthusiasts with over 50 vehicles on hand to tour the company's new facility. A brief video of the history of McLaren was shown, noting that founder Bruce McLaren didn't want to continue driving other people's cars and winning races. Instead, Bruce wanted his own car and winning his own championships as both driver and manufacturer. And win he did, from Le Mans in 1966 (in the Ford GT40) to his cars taking five Can-Am championships in the late

'60s and early '70s. Regrettably, Bruce's involvement with his namesake company ended with his death, while testing a McLaren Can-Am car, in 1970. You have to believe he'd be thrilled to know what a great job has been carried out in the years since the founding of McLaren Automo-

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Hyperion **XP-1** Supercar



Joyce Chow entertainment editor

The Hyperion XP-1 hypercar appears like a flashback from the movie "Tron". The spaceshipinspired hypercar hugs the ground, yet ready to take flight at any moment. It has titanium body panels with solar panels and swirls of teal accents and a visual representation of hydrogen powered by hydrogen fuel cells.

Visually it's downright stunning, so are the numbers. The Hyperion Motors XP-1 goes from zero-to-60-mph in 2.2 seconds, has a top speed of 221-mph with 2038 horsepower. It recharges in 3-5 minutes with a 1000 miles plus range. It has zero emissions, NASA Technology and shoots deionized water vapor out of its' tail pipe.

Build the car that you know people are gonna be excited about to get the industry thinking in this direction" towards hydrogen. "The longest range electric car isn't electric, it's hydrogen and has all the benefits of electric power with lower weight" shared Angelo Kafantaris, Co-Founder and CEO, Hyperion Companies.

continued on page 8

See Joyce's iHollywood Film **Fest Story on:** (page 12)

Lexus RX F Sport in the **Methow Valley**



Scot McCallum feature writer

This is a story about an amazing car and the journey it gave us to the Methow Valley, one of the jewels of Washington State. The Lexus RX F Sport was the perfect vehicle for a trip over the North Cascades Highway (State Route 20). The RX has new design improvements including suspension and this scenic highway provided countless curves to test the RX handling. The 2.4 Liter Turbo Engine with Direct4 All Wheel Drive provided plenty of power and stability up the steep climbs and curves to Rainy and Washington Pass (5476'). The views going both directions over the North Cascades Highway are unbelievable: not just the best in Washington State but one of the best views from any highway in the U.S.

Our destination was Mazama and Winthrop, WA. Winthrop has original Western architecture for every building and includes a real Saloon - Three Finger Jacks. The RX Safety Technology Assist features came in handy parking

continued on page 12



The Auto Shows Continue at New Car Dealerships across the U.S. as Inventories Start To Grow in 2023



Acura of Seattle – www.obrienautogroup.com



ASTON MARTIN

Galpin Aston Martin – www.galpin.com Park Place Aston Martin



Audi of Newport Beach – www.newportautocenter.com BENTLEY



BMW

BMW of Seattle - www.BMWseattle.com



Buick Puyallup – www.harnishautofamily.com Haselwood Buick - www.westhillsautoplex.com



CADILLAC

Brotherton Cadillac – www.brothertoncadillac.com



CHEVROLET

Roy Robinson Chev – www.royrobinsonchevy.com Haselwood Chev. – www.haselwood.com



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Gillis Auto Center – www.gillisautocenter.com West Hills Chrysler – www.westhillsautoplex.com



DODGE / RAM

Gillis Auto Center – www.gillisautocenter.com West Hills Dodge – www.westhillsautoplex.com



Fiat of Tacoma – www.fiatoftacoma.com



Bill Pierre Ford – www.pierreford.com Galpin Ford – www.galpin.com Gillis Auto Center – www.gillisautocenter.com West Hills Ford – www.westhillsautoplex.com



GMC of Puyallup – www.harnishautofamily.com Haselwood GMC – www.westhillsautoplex.com



Galpin Honda – www.galpin.com Honda of Marysville – www.obrienautogroup.com West Hills Honda – www.westhillsautoplex.com Rick Case Automotive – www.rickcasehonda.com



Doug's Hyundai – www.dougshyundai.com Haselwood Hyundai – www.westhillsautoplex.com



Infinity of Bellevue – www.infinitiofbellevue.com



JAGUAR

Galpin Jaguar – www.galpin.com Jaguar of Tacoma – www.obrienautogroup.com



Gillis Auto Center – www.gillisautocenter.com West Hills Jeep – www.westhillsautoplex.com West Hills Kia – www.westhillsautoplex.com



LAND ROVER

Land Rover Tacoma – www.obrienautogroup.com



Lexus of Bellevue – www.obrienautogroup.com Lexus of Tacoma – www.obrienautogroup.com



LINCOLN Galpin Lincoln – www.galpin.com



MERCEDES-BENZ

Mercedes-Benz of Lynnwod – www.mblynwood.com

Doug's Mazda of Lynnwood – www.dougsmazda.com



Bill Pierre – www.pierremitsubishi.com

PORSCHE Porsche of Newport Beach – www.newportautocenter.com



Bellevue Porsche – www.porschebellevue.com **SUBARU**

Subaru of Puyallup – www.harnishautofamily.com Galpin Subaru – www.galpin.com Roy Robinson Subaru – www.royrobinson.com



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Toyota of Portland – www.obrienautogroup.com Toyota of Renton – www.obrienautogroup.com Toyota of Kirkland – www.obrienautogroup.com Heartland Toyota – www.westhillsautoplex.com Marysville Toyota – www.marysvilletoyota.com



VOLKSWAGEN

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VOLVO

Volvo of Tacoma – www.obrienautogroup.com

Galpin Volvo – www.galpin.com



EV (Electric Vehicles) News and Strategies







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3 Publications Outline Next Issue: Toyota Prius Reasons for EV Slow Down

I am going share my opinion as to "EV thoughts and theories" based on stories in THREE recent publications; Bloomberg Businessweek. Wall Street Journal and the Sierra Club Magazine.

BLOOMBERG BUSINESS WEEK (June 12, 2023) - Page 36 story "America's Long Tortured Journey To Build EV Batteries." In the mid 90's scientists from the University of Texas discovered lithium iron phosphate (LFP) used to make EV batteries. A few years later A123 Systems LLC commercialized LFP and in 2009 they were awarded millions of dollars in a government contract. By 2012 A 123 filed for bankruptcy with the media reporting "A123 was wasting Government money." Currently China controls the major source of LPF and dominates the global manufacturing of EV batteries.

WALL STREET JOURNAL (a July Issue) Page B1 & B2 -SALES OF EV'S INCREASE BY 50% BUT GROWTH RATE SLOWS DOWN "According to a Cox Automotive survey inventory levels at EV dealers were up 400% compared to a year ago. Question; since the Tesla Retail Stores are owned by Tesla are they reporting the EV's that leave their

manufacturing facility as SOLD because their lots are all full of new EV's.

SIERRA CLUB MAGAZINE (Summer 2023 Issue) ELECTRIFY **EVERYTHING - FREE MONEY** FROM THE INFLATION REDUCTION ACT WILL HELP PAY FOR IT - EV Charger \$1,000. Weatherization \$1,200, Inductive Stove \$840, Heat-Pump Clothes Dryer \$840 Heat Pump Water Heater \$1,750 and a new EV \$7,500 ='s \$13,130 TOTAL Plus 30% Tax Credit for Solar Panels & a 30% tax credit for Battery Storage

NOTE TO AUTOMAKER OEM'S: (both Legacy and Startups) Don't misjudge the rate of transition to EV's and be very careful when accepting government money because political control in congress can change and allocated funds can dry up very fast.

NOTE TO CONSUMERS:

I have never met anyone who wasn't in favor of a clean and safe environment so respect everyone's opinion and remember your neighbors are helping pay for your EV and electrification with their current and future dollars.

NOTE TO ALL: The Total Transition to EV's could take 20 to 30 years assuming we don't run out of money in the process.

Test Drive Review During Monterey "Car Week"

"Hybrids Still Seem to Be Best Solution for the Near Term Transition"

- **★** Availability of Charging Stations
- **★** Shortage of Raw Materials for Batteries
- **★** Power Shortages Across the U.S.
- **★** Complicated Government Rebates

by Bill McCallum

I have to say 2022 has been an unusual year in the auto industry. From chip shortages, to supply line issues, new car dealers have faced new challenges. With record low new car inventories used vehicle price were up and customer new vehicle order lists were common. If that wasn't enough. EV transition opportunities and problems were main stream across the U.S. We also saw many family and small dealer groups selling with,

Auto Nation, Lithia, and Penske in a buying mode.

As I have said before..." I have never met an EV I didn't like' ... but most OEM EV business models faced challenges. That being said we have taken new steps to expand our EV coverage during 2023. See page 3 (Energy Solutions by Jim Trainor) See page 4 (EV Research by Larry Weitzman) and a (Polestar story on page 18.)

Is It Time To Visit New **Power Sources?**

continued from page 4

need fossil fuel. It's the densest form of portable energy, denser than batteries by 50-60 times by volume and/or weight. And its replenishment (refueling time) is 10 to 100 times quicker than electricity.

And this was found out recently by a local resident who bought a new Ford F-150 Lightning, long range, all electric pickup truck. It's powered by an onboard battery. The truck was bought for all around use and that included towing a trailer. The extended range Lightning battery, has about 30 percent more capacity than your average Tesla S and about 15 percent more than your most expensive Lucid. But the extended range Ford Lightning isn't exactly inexpensive either, with a starting price of \$82,000 in base XLT trim.

Unfortunately, even though the EPA promised a range of 320 miles, Car and Driver found the real 75-mph highway range to be a measly 230 miles. And that's an extended range battery. But it gets worse. Towing range is considerably less than half that, below 100 miles (as reported here in a test by journalists that a Lightning towing a 6,000 trailer had a range of about 85 miles). And that's what our local resident found out the hard way after plunking down over \$80,000 for their Lightning. They learned it couldn't come close to meeting their everyday needs as it needed recharging when towing in

less than 100 miles. And refueling

it took about an hour at the fastest Level 3 charger. With a Level 2, 30 amp, 220v home charger, a full recharge would about 20 hours. And the cost at PGE rates would be about \$60. That's a 25 cents per mile cost for energy when not towing.

Needless to say, this Ford Lightning customer traded in his new Lightning after only 700 miles on a conventional gas pickup which has no range or refueling limitations. And driving a car E/V also has huge problems when driving on long trips. One EV car driver, Alan O'Hashi, is so frustrated he is writing a book entitled "On the trail: Electric vehicle advice and anxiety." It is about his three-hour trips in a gas vehicle taking 15 hours in an EV.

The problem with EVs comes down to fundamental chemistry. Because a battery is a controlled chemical reaction and the elements used are of such low energy density, batteries are simply limited in range and refueling and will never improve significantly. It's physics and chemistry and it isn't going to change without the discovery of "Unobtainium." If anyone of my readers has a new facts or is aware of a new chemical element, please enlighten us.

And I have yet to discuss the high cost of EVs and electric pickup trucks with some Rivian and Hummer pickups costing well over \$100,000 and saddled with the same issues. They cost a lot because batteries are expensive and getting more so. Currently vehicle battery production worldwide is about 5.000,000, all using rare earth metals which the wackos won't even let us mine here in the U.S.

AUTO NEWS® BYTES

Breaking up with Silicon Valley, VNC Automotive asks if it's time to uncouple?

There comes a time in many relationships where you question your onward compatibility. Both parties rushed in, carried away by the moment, with little regard for the future. There was a great connection after all. But a great connection by itself, as we know, is not a good predictor of long-term success. When our goals and visions for the future do not align, or are opposed, then we face the sobering decision: do we stay together or breakup? This is the decision facing automakers right now as they reflect on the once heady days of their relationship with Silicon Valley.

Automakers offer their customers a plethora of both interior and exterior options for their vehicles which allow drivers to customise them to their own exacting specifications. These customisations can range from optional driver assistance aids to the colour of the leather stitching, but when it comes to the infotainment system, automakers have in recent history been wedded: Android Auto and Apple CarPlay.

With Android and IOS both dominating the mobile operating systems' market share globally[1], it's understandable that the majority of OEMs want to offer their customers a similar experience and interface to that of their beloved smartphones, allowing drivers to seamlessly mirror their smartphones to the in-vehicle screen.

However, the automotive titan General Motors has recently announced its plans to step away from these two incredibly popular Silicon Valley protocols and phone mirroring in general in its future electric vehicles, instead favouring their own holistically integrated software solution.

Tom Blackie, CEO, VNC Automotive says, "I've long believed the vehicle OEMs are grudgingly deploying Android Auto and CarPlay in the absence of anything better. Or that they are at least perceived to be an easy option with negligible cost to the automaker'

"However, the OEMs are now painfully aware that they are seeding real estate to Apple and Google who are defining the user experience and policing which apps can and can't be used in the vehicle, whilst also gathering vast amounts of data from individuals and the vehicles", continues Blackie.

Android Auto and CarPlay are widely favored by consumers, with 79% of car buyers only ever considering purchasing a vehicle that's CarPlay capable[2], meaning the OEM's own operating system, applications and features are often overlooked. Their ability to control and curate the in-vehicle experience is therefore limited and they ultimately miss out on potential monetisation

Not to mention their reputations are on the line if something goes wrong with these systems, as the OEM has little to no ability to fix the issue until Apple or Google release a software update. Hence, it's totally understandable that the likes of General Motors are looking to remove themselves from this situation. But is it a mistake to completely disregard phone mirroring protocols?

Blackie continues, "although not necessarily Android Auto and CarPlay, phone mirroring technology shouldn't be completely shunned, but rather the OEMs should look to implement systems that they can fully control – with the ability to tightly integrate with the vehicle systems, enabling car data to be shared with the OEMs proprietary applications, and to allow control of how that data is used and shared between the end user vehicle and OEM

Solutions such as VNC Automotive's Cobalt Link+ can provide OEMs with total control over how phones can be integrated into an overall vehicle system by providing instantaneous, safe and secure access to smartphone, tablet and other personal device content from the desired vehicle screen.

Due to the popularity of these Silicon Valley owned systems. Blackie advises automakers to consider a phased approach to rolling out their own infotainment solution. "Any such transition would likely need to be a gradual shift to avoid alienating their customer base, whose smartphones are central to daily life."

"By this, I mean the OEM should run their own solution in parallel with Android Auto and CarPlay. Only when users really experience the benefits offered by the automakers will they be naturally drawn to it and then, and only then, should the OEM remove Android Auto and CarPlay if they want to avoid upsetting their customers"

"In summary I'd agree with General Motors's objectives, but question total removal of phone mirroring technology. When they do head off down the path of removing Android Auto and Car-Play my strong recommendation would be to run parallel systems and only remove Android Auto and CarPlay when the end users love their alternative solution", concludes Blackie.

So, perhaps we could call this a "conscious uncoupling". Does anybody know a good



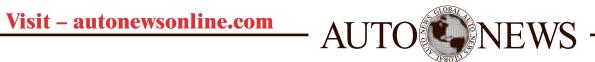
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2024 Hummer ev SUV "First Drive"

continued from page 3

small space: using a 20-module, double-stacked battery pack, consisting of two layers of ten modules. It can deliver up to 830 hp and up to 11,500 lb-ft of torque. Off the line its capable of hitting 0-60-mph (0-97km/h) in approximately 3.5-seconds. It even has an integrated launch control and, as I found out, it will stick you to your seat and peel your eyelids back.

The other reason it gets this type of acceleration is that it is fitted with three electric motors which send power to each wheel. It has

a very low-center of gravity, and weight is evenly distributed front to back. Frankly, it just hunkers down and hooks up on acceleration - there is virtually no wheel spin.

Now, this Ultium platform is more than just a housing for the battery pack. GM describes it like this:

"The HUMMER EV's body protects the battery, while the battery supports the structure. That means the battery pack itself is a structural element, which enables a truly open-air experience and a rare combination of extreme off-road capability and smooth on-road performance in a bodyframe integral platform."

In other words, the battery is part of the frame. This strength and rigidity of the floor helps reduces twisting and deformation, while also providing the stiffness. In the case of the Hummer ev it makes it possible to build it with removable Sky Panels and I-Bar – a convertible of sorts.

However, it is also obvious at this point that this Ultium platform can (and will) support other GM bodies - like the coming all-electric pickup trucks. This continued on page 7

Nissan Versa **Turns The Tables** On "Sticker Shock" by Keith Turner

continued from page 2

While it may be cheaply priced, there's nothing chintzy about the quality of the Versa SR. Here are some of the head-turning benefits offered by the 2023 Nissan Versa four-door sedan:

1. The most standard safety tech in its class.

2. Sporty styling with refreshed front end in the SR model we

3. Available intelligent cruise control and wireless phone charg-

4. Fantastic fuel mileage of up to 40 mpg in the CVT version. continued on page 7



Nissan Versa (photo Keith Turner)

Mercedes/Benz C300 Test Drive Review

continued from page 2

featuring the central tri-star logo, with the design and character of the radiator grille differing in various models. The standard exterior features decorative louver elements while the radiator grille and front bumper have chrome surrounds. The AMG Line sports the striking diamond grille with the star design in chrome.

Aft the tail lamp design delivers a unique day and night look with a two-piece design where the light functions are divided between the side wall and deck lid. Optional or line-specific trim in the rear bumper rounds out the rear view. Several new paint finishes are now available.

SPORTY INTERIOR TOUCHES:

Moving into the cabin, the dashboard is divided into upper and lower sections: into a winglike arrangement with new, flattened round vents similar to aircraft engine nacelles, and into an elegant trim expanse. Driverfocus adds to the sportiness: the dashboard and central display are tilted slightly toward the driver by six degrees.

A standard 12.3-inch highresolution display is featured in the driver area, setting it apart from traditional cockpits with classic round dials. Vehicle functions may be controlled by touchscreen. As with the dashboard, the screen is slightly tilted toward the driver. The minimalist door panel design frames both ends of the dashboard. A special seat design in the new

continued on this page . . .



sensation of lightness. The range of available trim

C-Class utilizes layers and enve-

lopes surfaces creating a visual

options showcases innovative surfaces including new interpretations of natural grain veneers in brown tones and a black, and natural grain wood veneer featuring fine inlays of genuine aluminum that follow the dashboard's

The look of the screens can be individualized with three display styles (Sporty, Classic and Understated) and three modes (Navigation, Assistance, Service). predominant and the central rev counter has a dynamic design. The new C-Class is equipped with 64-color ambient lighting as standard, with an optionally available enhanced version.

POWERTRAIN:

The new C-Class sets new standards in efficiency thanks to systematic electrification and intelligent downsizing. The engine range has only four-cylinder units from the current modular FAME (Family of Modular Engines) Mercedes-Benz engine family. The engine range plays a major role in the flexibility of the international production network, with needs-based electrification.

In addition to turbo charging, the gasoline engine now has an integrated starter-generator (ISG) for intelligent assistance at low engine speeds as a mild hybrid, ensuring outstanding power delivery. The ISG uses a 48-volt onboard electrical system that allows functions such as gliding, boosting or energy recovery, and makes significant fuel savings possible. The engines start rapidly and comfortably and as a result, the start/stop function is nearly as imperceptible as the transition from gliding with the engine switched off to strong acceleration under engine power. When idling, the intelligent interaction between the ISG and the combustion engine ensures smooth running.

The power source is a 2.0-liter

continued on page 17



TRAVEL the U.S.

Time to Start Traveling "Again"

TRAVEL the WORLD

Nissan Versa Turns The Tables On "Sticker Shock" by Keith Turner

continued from page 6

A plethora of standard active and preventative safety features abound in the Versa, including automatic emergency braking with pedestrian detection, lane departure warning, rear automatic braking and high beam assist. Also available is blind spot warning and rear cross traffic alert.

There is surprisingly ample space for five passengers inside the Nissan Versa, with best-inclass legroom and headroom and a decent-sized trunk that opens up into the back seat via 60/40 split rear seat.

The Versa SR trim includes black painted exterior mirror housing, a leather-wrapped steering wheel, 17-inch alloy wheels, heated front seats, six-speaker audio system and remote engine start. This year the Versa also includes a center console with armrest, 8-inch touchscreen, auto climate control and wi-fi hotspot with NissanConnect service.

Smart phone connectivity through Apple CarPlay or Android Auto is available by adding the Spackage.

You will definitely save some scratch at the fuel pump as the Versa's fuel mileage ratings are 32 mpg in city driving, 40 mpg on the highway and 35 mpg combined.

Here's your cure for sticker shock: The base price of the Nissan Versa S (with manual transmission) is \$15,980, while the top-of-the-line SR trim (CVT) goes for a tidy \$19,970 base price. The SR model we tested totaled out at \$20,460.

So while you may be satisfied with old Betsy, just know there's a sedan out there that is brand new, stylish, reliable and fun to drive and it's available for around \$20K. Say "So long" to sticker shock by saying "Hello" to the 2023 Nissan Versa.

Perhaps old Betsy can retire

For a video review of the 2023 Nissan Versa, visit Carguy Drives on YouTube.

Hummer Review

continued from page 6

statement also brings another thought to mind - much of the unique technology found in this Hummer is also transferable like the Ultium platform – so in effect this Hummer is a showcase. Look to see many of these various systems migrating into other GM vehicles moving forward.

Here's a list of what's part of the Hummer:

- The Ultium platform itself is offering up to 350 miles of range per charge (GM Estimated). It is also capable of using 300kWDC fast charging. What that means is that you can get 100 miles of range from a 14-minute charge.
- The three-motor e4WD drive system - (1 motor front; 2 motor rear) is in essence a 4WD system with "virtual lockers" even when not locked up the system using torque vectoring; constantly sending power to each wheel as needed on-road or off-road.
- New available Power Station generator2 enables 19.2kW AC charging, generator functionality (120v/25A/3kW) and ability to charge other EVs (240v/25A/6kW)
- Great degree of customization via customizable buttons on the center stack. Nearly 200 accessories will be available for Hummer EV
- With nearly 9-inch less wheelbase than HUMMER EV pickup, it gets expected best-in-class offroad proportions, with greater departure and break over angles and a tighter turning circle of only 35.4 feet with 4-Wheel Steer
- Regen on Demand, which can

slow the vehicle to a full stop without pressing the brake pedal, and feeds that energy back into the vehicle

One-Pedal Driving and Terrain Mode. One-Pedal Driving can slow the vehicle to a full stop using the only the accelerator pedal providing very fine control. Terrain Mode uniquely integrates the this One-Pedal Driving, giving the driver precise control while off-roading and rock crawling

This Hummer ev SUV comes as either on-road trim (larger tires, less equipment) or as an offroader – that adds several unique features. To start with, the off-road power is controlled by the CPU and available to each wheel. This Ultium drive system keeps the vehicle moving in some of the toughest driving conditions and terrain — also by using 13 inches of suspension travel (plus available 4-corner air suspension), climbing 60-percent grades (forward and reverse), scaling 18-inch verticals and fording water more than 2 feet deep.

I had a chance to go on an offroad, which had been turned into a quagmire by the rain. The Hummer ground its way through the everworsening ruts – dragging its belly - and coming out the other side, dirtier but still moving. And slow! That's what's surprising with this Hummer-it slowly grinds through debris and mud – it doesn't race and crash through it. I had to keep to reminding myself that I had to re-learn off-roading. Fifty years of running front engine heavy gas trucks off-road has taught me to expect a twitchy, light rear end – so momentum was king. Not so anymore – electric is simply very different.

Pebble Beach Concours d'Elegance **Scheduled for** August 20, 2023

continued from page 4

positive effect on 10,000 children living within the area. A win-win for all involved.

Other highlighted cars from the show include: a red 1939 Lincoln Zephyr 3 Window Coupe, a twotoned blue/gray 1937 Talbot-Lago T150C-SS Figoni & Falaschi Teardrop Coupe, a 1964 red Porsche 904 Carrera GTS Coupe, a red 1932 Alfa Romeo 8C 2300 Zagato Monza, and a blue 1955 Jaguar XKD Le Lans race car. -Red and blue seemed to be the winning colors of 2022! See you next year, Concourse!

Auto News OR Code







U.S. Needs an Energy Solution Now

continued from page 3

could dramatize the impossibility of powering an all-electric vehicle fleet more than this conflicting scenario. In short, today's electricity generation infrastructure doesn't come close to providing the power required for the onslaught of EVs being planned for in the near future. Already, during one of the most highly travelled weekends of the year, EV owners are being asked to park their vehicles until temperatures cool.

Jim Bardia, an authority on renewable energy and inventor of the 100-percent-renewablepowered EV charger, the Wind & Solar Tower, understands this dire situation more than most.

"Governor Newsom is a realist, fearing that the grid overload imposed by high air conditioning use during this heat wave can cause brownouts and blackouts of potential serious scale," Bardia says. "And suffering through a power interruption is a harsher punishment than not being able to charge EVs during Labor Day weekend."

The Governor has good reason to be apprehensive. The latest figures available show that in 2019, California experienced 25,281 power outages, 23 percent more than in the prior year. These outages victimized 28 million customers.

"As a long-time renewable energy entrepreneur, I have preached for years that the U.S. electric grid needs strengthening because it is being asked to deliver ever more energy," Bardia explains, "but the wrong fix is to spend billions of dollars to build additional power plants that will increase pollution by burning more fossil fuels."

Bardia sees today's issue in California as proving exactly what he has been forecasting. It's the reason behind his lobbying for protecting the grid by requiring Congress to mandate that future charging facilities be totally renewable or at least partially energized by renewable sources.

Renewables are key to survival "Using more wind, solar and hydroelectric power is the key to survival of our grid and the continuation of the comfortable lives we've come to enjoy," Bardia explains. "The math behind the need for more clean power is simple. For example, the electricity used during an average 30-minute full charge of an EV at a Level-3 DC fast charger is the same amount of electricity needed to power 50 homes.

With current federal rules calling for a high level of EV sales, it's obvious we simply don't, or won't, have the power to charge the electrics," Bardia says. "Without significant infrastructure changes, utilities will burn more fuel to power today's electric plants or build more dirty plants to try to come close to generating the amount of electricity needed. Both of these are expensive, dirty and backward solutions."

Sufficient, emission-free power for charging

But one ready solution to making sufficient power -- and emission-free power at that -- is the Wind & Solar Tower, the only generating device in the world that combines two infinitely renewable power sources - wind and sun. These towers are for charging when customers are away from home, and also provide the comfort of lessening range anxiety.

Since they require no connection to the conventional grid, Towers have the added benefit of being able to be placed almost anywhere for public access along Interstates, in the deserts or mountains, at shopping malls, office building, apartment complexes, at car dealerships or just about anywhere one would take a car or truck.

Wind & Solar Towers employ a vertical axis wind turbine (catches wind from all directions) that has a "frictionless" levitation hub. Topping the airfoil blades is a large rotating circular solar panel that is ultra-efficient because it is self-cleaning, thus eliminating dust, soil and bird droppings to maximize the solar energy reaching the cells.

These two modes of generating emission-free electricity combine for 252 kilowatts and can charge an EV at Level-4 with 380 kilowatts at 1,000 volts, demonstrating that "clean" charging does not have to compromise performance. Not only is the charging fast and powerful, but the owner of a Tower doesn't pay for electricity, thus eliminating a major cost.

'Only renewable energy can provide for EV charges without stressing the grid and dirtying the air," Bardia concludes. "Fortunately, 'clean' charging is a choice. Sooner or later, emissionfree charging will become standard - and the sooner that happens, the better for our grid and our health."

Hyperion XP-1 Hypercar Review by Joyce Chow

continued from page 4



Hyperion XP-1 hypercar at the LA Auto Show 2022 in Los Angeles (photo by Joyce Chow)



Hyperion XP-1 hypercar at the LA Auto Show 2022 in Los Angeles (photo by Joyce Chow)

INSIDE VIETNAM AUTO NEWS BYTES

by Bill McCallum

Automechanika Ho Chi Minh City 2023 closes to the praise of a cross-cultural sharing platform for business

Participants at Automechanika Ho Chi Minh City expressed great confidence in the Vietnamese automotive industry as many begin to lay down foundations for the upcoming technologydriven era. The trade fair took place from 23 to 25 June 2023 at the Saigon Exhibition and Convention Center. Feedback from those seeking business networking, investment and training also enjoyed the added element of entertainment that marked the fifth edition. Organisers vow to continue various forms of community outreach to build momentum in the market and tap into local business culture

Key figures from Automechanika Ho Chi Minh City 2023: • Visitors: 13,148 from 37 countries and regions • Exhibitors: 461 from 20 countries and regions • Scale: 15,740 sqm

Ms Fiona Chiew, General Manager of Messe Frankfurt (HK) Ltd, remarked: "I am delighted to see an increase in participation amongst local and overseas exhibitors and visitors. It shows that players are recognising opportunities in the automotive supply chain and are using our platform as a gateway for trade and exchange. The engagement from the local players in our fringe programme was also very encouraging; it demonstrates an eagerness to advance the local automotive industry.

Once again, the trade fair offered an ideal occasion for domestic and overseas automotive markets to come together. Buyers visited from 37 countries and regions, including Cambodia, China, India, Indonesia, Japan, Korea, Malaysia, Singapore, Thailand, the US, and Vietnam, to

Recognising the show's global influence and importance to the local market, Mr Nguyen Minh Vu, Service Manager, OBD Vietnam, said: "The scale of Automechanika Ho Chi Minh City has definitely grown in recent years. We decided to join again as we continue to see results each time we exhibit. This time we have met buyers from China, India, and Malaysia, Therefore, the show helps to raise our company's profile beyond Vietnam to other regions around the world."

Visiting the show from South Korea, Mr Bryan Jon, President of DACCORD from South Korea, expanded on his reasons for attending. He noted: "Many Korean companies are investing in the country to establish local production bases. For the automotive industry, we know that local car ownership has doubled in the last five years thanks to the younger generation purchasing four-wheelers. It is creating new opportunities, which is why I am here; to get a better picture of the market and find new products for my trading company." He added, "I am pleased with the connections I have made locally. The international involvement was also more than I expected, and I explored brands from Germany, Indonesia, Japan, Singapore and Malaysia too.

One Malaysian exhibitor was Schmaco Auto Parts Industries SDN BHD. Managing Director, Mr Edmund Tan, reflected: "Participating allows us to keep up with local market needs and provide appropriate products in the future. For foreign companies like us, the exhibition is a gateway to the market where we can promote high-quality products. So, in addition to local companies, many players from other countries and regions were exhibiting."

Along the same lines, Mr Khach Tham Quan, a local sales representative from Cty TNHH

Tan Phai Saigon, said: "The international representation of exhibitors was beneficial for my sourcing. I found the latest equipment and tools at the highest international standards from leading brands like Autel. I will follow up with them as I am in the process of upgrading my workshop to serve customers better."

This year, the Vietnam Association of Supporting Industries also brought a bigger group of players to the show. Mr Duong Danh Tai, Vice President Head of Linkage and Promotion Department of the Vietnam Association of Supporting Industries, reflected by expressing: "We believe Automechanika Ho Chi Minh City is the right platform for our members to tap into the global supply chain. Its influence can help open up opportunities for exporting car parts and foster more networks with foreign and domestic carmakers and OEMs. Going forward, we plan to invite more members so that they can continue developing a greater understanding of global industrial trends and market movements.

INSIDE CHINA AUTO NEWS BYTES

by Bill McCallum

Global automotive industry gears up for Automechanika

Expectations for this year's edition of Automechanika Shanghai are naturally high as the global automotive industry looks to China for new energy vehicle solutions and next-generation technologies. Continuing to serve as one of the most influential gateways for information exchange, marketing, trade and education, the show will lean upon Innovation4Mobility to reinforce areas of the supply chain that are rapidly evolving The end-of-year gathering from 29 November to 2 December 2023 expects to host 4,800 exhibitors in 280,000 sqm of the National Exhibition and Convention Center (Shanghai).

As a whole, the automotive ecosystem is undergoing a massive transformation, with the influence of sustainability and environmental protection heightening the demand for new energy vehicles and innovative mobility solutions alike. With this, the international automotive community is expressing a great interest in knowing more about China's advancements, especially as the country is a forerunner in one of the most complex turns towards electrification, digitalisation and connectivity.

To answer the industry's call for sharing and collaboration, the 18th edition of Automechanika Shanghai is set to present a much-needed meeting point for players around the world to navigate these changes. It will be the first time that many global buyers and suppliers can meet face-to-face in Shanghai since 2019.

Therefore, it is no surprise that the organisers have already seen an influx of exhibiting enquiries from participants looking to evaluate performance in 2023 and communicate upcoming plans for business development in the year ahead. So far, companies from 32 countries and regions like Australia, Brazil, Belgium, Canada, China, France, Germany, Hong Kong, Italy, Japan, Malaysia, South Africa, South Korea, Taiwan, Türkiye, the UK, and the US have reserved their space on the show floor.

These leading brands include AUTOBACS, Bilstein, Borgwarner, Bosch, Brembo, Corghi, Doublestar, EAE, FAWER, Haige, Jekun Auto, Launch, Leoch, Liqui Moly, Mahle, MAXIMA, QUANXING, SATA, Sogreat, SPARKTRONIC, Tech, TMD Friction, Tuopu, VIE, Wanxiang, YAKIMA, ZF, ZTE, and Zynp Group Innovation4Mobility Showcase Areas

Following a positive introduction to the Chinese market, Innovation4Mobility will continue to transcend through the fairground, providing a fresh perspective on the key trends dominating automotive reformation. The Showcase is set to converge the latest innovations and research to provide a window into segments with long-term prospects. Displays will not only highlight technological breakthroughs but also upgrades in traditional solutions.

For instance, the scenario-based displays at the newly-formed Future Mobility Area will give prominence to rising business opportunities developing from new energy vehicles and connectivity. The other debuting Customising x Tech Area prepares to draw attention to the latest trends and advancements in the customising market. It will feature a collection of customised cars, car wrapping, accessories, infotainment, lighting, and products for driving activities like car camping.

The Innovation4Mobility Mainstage and Green Repair Area will also return to

complete the Showcase. Integrated facilities for product displays, start-ups and networking across the spaces aim to help foster meaningful business exchanges between exhibitors and prospective buyers. Moreover, lectures will touch upon the hottest topics on car technology and mobility solutions.

Year-round activities catalyse industry development

The collaboration between industry, academia and research during live demonstrations. buying missions, training workshops, open forums and other fringe events create an ideal environment to share new ideas and exchange technical information.

Hyperion XP-1 Hypercar Review

continued from page 4

"I saw that battery electric vehicles were becoming popular ten years ago, I said there's an opportunity here for hydrogen to finally be the future of fuel that we've always known it to be". Build it and they will come, but it's not just the car, it's the infra-

One of the biggest challenges with expanding the EV market has been infrastructure. Hyperion developed a mobile station to show how hydrogen infrastructure could be created with a network cross country thus solving the continued on page 13

Auto News Introduces All-New **QR** Code





Around the Track – Racing News



Pennzoil **Motorsports 2022 Year** in Review

2022 brought Pennzoil another exhilarating season in motorsports, with the help of teams and drivers across different divisions including NASCAR, INDYCAR, Formula 1, and Formula Drift. Pennzoil works closely with its motorsport partners to make sure their vehicles are the topperforming in their respective series. With the success that Pennzoil has generated through its involvement in motorsports over the years, they are continuing to take the knowledge from the track to develop products for

This year Pennzoil hosted the 5th annual Pennzoil 400 presented by Jiffy Lube at Las Vegas Motor Speedway, expanded their collaboration with INDYCAR, and much more! Keep reading to check out how Pennzoil powered these athletes to the finish line.

FORMULA 1

This year commemorated the 75th anniversary of Ferrari and Pennzoil is a proud partner and collaborator of its Formula 1 team, Scuderia Ferrari

In 2022, Charles Leclerc took home the title at the Bahrain Grand Prix, Australian Grand Prix, and Austrian Grand Prix. His teammate Carlos Sainz won his first-ever F1 race at the 2022 British Grand Prix.

Pennzoil also put the teammates and friends to the test by playing a game of "Trust or Dare" to see just how much they trust each other both on and off the track.

NASCAR

Joey Logano, driver of the No. 22 Shell Pennzoil Ford Mustang, brought his hashtag #The22in22 to life by claiming the title of NASCAR Series Cup Champion for the second time in his career! Throughout the season he dominated the track and secured wins at The Clash, Darlington, Gateway, and Las Vegas races and scored eleven top 5 and seventeen top 10 finishes. Logano also extended his Team Penske contract this year; the long-term contract extension will keep him in the No. 22 car for years to come. Pennzoil is proud to deliver top engine performance to such an elite competitor.

Austin Cindric, the driver of the No. 2 Ford Mustang, kicked off his first full-time NASCAR Cup Series season driving for Team Penske with a historic win at the Daytona 500! Cindric also earned the Rookie of the Year award to top off an impressive season.

Following suit with Team Penske's wins, Ryan Blaney, driver of the No. 12 Ford Mustang placed first at the NASCAR All-Star Race at Texas Motor Speedway in May. Blaney also made the post-season playoffs, scoring twelve top 5s and seventeen top 10 finishes.

With competitive and strategic driving all season, all three Team Penske drivers made it into the NASCAR Cup Series Playoffs, a true testament to the team's winning legacy. Pennzoil serves as the 'Official Supplier of Lubricants' for Team Penske.

In 2022, Pennzoil extended its sponsorship as the Official Motor Oil and Lubricant Supplier of Indianapolis Motor Speedway (IMS), INDYCAR, and the powering all cars in the NTT INDYCAR SERIES. This builds on a longtime business relationship and technical alliance, now powering all INDYCAR engines with their carbon-neutral motor oil.

Leading up to the Indianapolis 500, Pennzoil, Penske Entertainment, and Team Penske debuted a documentary about the motorsports industry's most exclusive club; INDYCAR drivers who have each won the Indianapolis 500 four times. THE CLUB provided an intimate, on-camera conversation with A.J. Foyt, Al Unser Sr., Rick Mears, and Helio Castroneves who have each won the series four times.

Scott McLaughlin, who joined Team Penske's INDYCAR driver roster in 2021 and pilots the iconic 'Yellow Submarine" for the INDY 500, celebrated his first career win in February at the Firestone Grand Prix in St. Petersburg, FL. McLaughlin also won at the 2022 Honda 200 in Mid-Ohio and then finished off the season with a win at the Portland Grand Prix. He rounded out the season with three wins, seven podiums, and ranked 4th overall for the series.

Will Power from Team Penske took home the INDYCAR NTT SERIES 2022 Championship. Power's consistency and strong performance each weekend this year earned him the points to come out on top. This year's INDYCAR season was one for the history books, with all three Team Penske drivers placing in the top four.

Will Power secured the championship title, followed closely by Josef Newgarden ranking 2nd and Scott McLaughlin ranking in 4th place.

Team Penske is the first team in history to hold both the NTT INDYCAR Series and NASCAR Championship titles, with Will Power leading the INDYCAR series in the first-place spot, and Joey Logano leading in the firstplace spot in the NASCAR series. FORMULA DRIFT

Chelsea DeNofa, member of Team RTR and self-proclaimed Professional Fun-Havers team also celebrated with a victory at Formula Drift Seattle in August. After taking home the victory at this race in 2021, he managed to take it back-to-back with another win this year. He finished the season in fourth place overall.

DeNofa's teammate, Adam LZ, who was signed to the team in 2022 ended his rookie season with a top 4 finish at the last Formula Drift round in Irwindale, CA. He has also previously been awarded Fan Favorite Driver in the Formula Drift series.

Federico Sceriffo, a pioneer in the drifting world as one of the first Italian drift drivers, was recruited to join Team Pennzoil this year. He races for FFF Drifting Department. **PIKES PEAK**

This year, Pikes Peak International Hill Climb (PPIHC) celebrated its 100th anniversary. To celebrate the anniversary, Pennzoil brought together the top two PPHIC competitors, father and son duo, Rod Millen and Rhys Millen, to go head-to-head in the hill climb competition.



Steve Saleen (right) with Bruce Wanta (center) and Bill Smallwood (left) at Bruce Wanta's Museum in Bellevue, WA (photo Auto News)



Steve Saleen (right) with Bruce Wanta (center) and Bill Smallwood (left) at Bruce Wanta's Museum in Ballard, WA (photo Auto News)

Steve Saleen was the Celebrity Guest Driver at the Pacific NW Historics Vintage Races in July



Maricela Munoz Promoted To COO & GM at XXX Drive-In

Jose Enciso, owner and founder of the XXX ROOT BEER Drive-In in Issaquah, WA recently announced the promotion of long time employee Maricela Munoz to General Manager and COO.

Maricela a single mom from Mexico arrived in the U.S. in 2004 unable to speak English. She has only had two jobs since arriving

in the U.S. and started as a busser and worked her way up ladder to a server, and eventually assistance manager at XXX Drive-In.

Maricela's story, a girl of 15 arriving from Mexico learning English on her own and a single mom with 5 children; Jennifer (18), Elizabeth (15). Esmeralda (13), Yerik (6) and Yarel (3) becoming a COO is truly an example of "hard work and dedication". Maricela said, ".... I like what I do and I treat our employees like I would treat my own family with a personal touch."

A single mom becoming COO of an established business is truly an AMERICAN SUCCESS STORY and thanks to Jose Enciso for giving Maricela the opportunity.



Mustang Show Draws Mustang Owners from Entire Northwest

The 4 day Mustang Roundup & All Ford Picnic scheduled for July 13th, 14th, 15th & 16th is one of the largest car shows in the Northwest.

It features events that appeal to automotive enthusiasts both young and old. The decades old Roundup is staged at the Bellevue Community College Parking Lot and at one time was considered the largest Mustang Event in the U.S.

July 13th - (Thursday) The "Roundup" Kicks off with a Ride N Drive that includes a day at the track.

July 14th (Friday) Pony Trails - is an organized tour that starts in Bellevue, WA. and winds it's way through Puget Sound featuring various points of interest.

July 15th (Saturday) The Judged Show includes awards for both vintage Mustangs and other collector Ford categories. The judging will also be held at the Bellevue Community College event parking lot.

July 16th (Sunday) Enjoy the All-Ford Picnic and People Choice Award Judging with Food Trucks,

Celebrity Guests and more. See you at this years "Mustang Roundup."
FOR INFO CONTACT: Bill

Smallwood (425) 773-0130 or bills@amisllc.com or - www. MustangsNorthwest.org

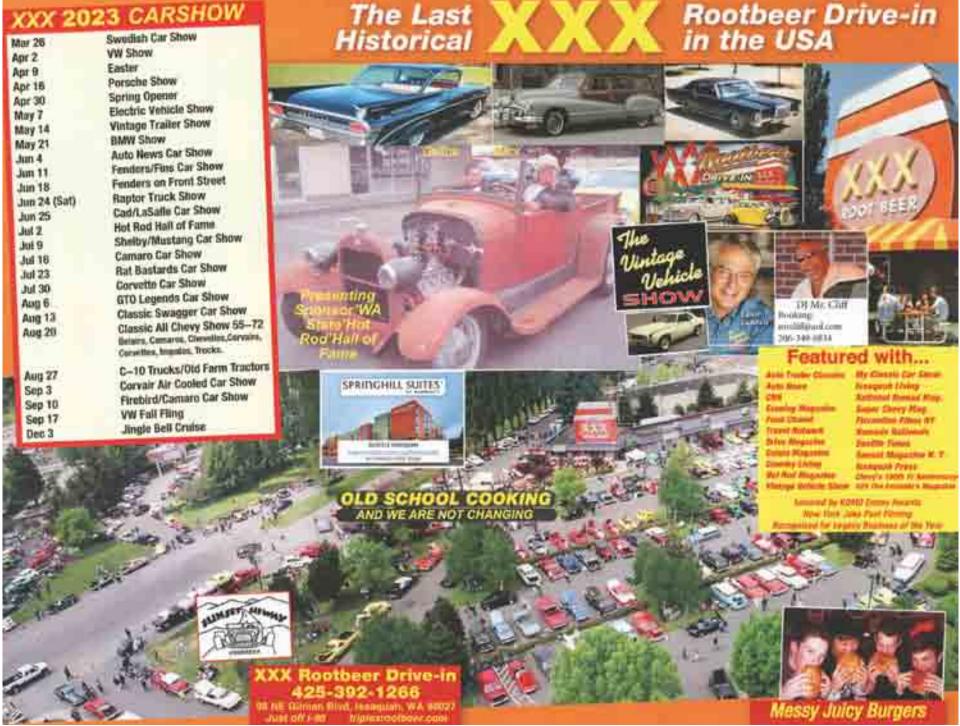
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Kevin Iden and Wife at Auto News XXX Show in June (photo Auto News)



Tony Rehn and family at Auto News XXX Event in June (photo Auto News)



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From Around the U.S.



A Road Trip To Winthrop by Scot McCallum | "Mudfest" Category



Bart Northcott (Left) Managing Partner of Bear Creek Golf Course with Scot McCallum (right) and Lexus RX F-Sport (photo Auto News

continued from page 4

in Winthrop's shopping district which has outstanding stores, restaurants and lodging. There are many attractions in Winthrop and Mazama which is about 14 miles from Winthrop. In Mazama you must stop into the Mazama Store which sits at the base of Goat Peak and Goat Wall, a popular rock climbing destination. And drop into the Public House, the new Pub in Mazama, for some great food and beverages. A must see just outside of Winthrop is driving up to Sun Mountain Lodge. The Lexus RX sound system with wireless Apple CarPlay and Android Auto compatibility had country music playing as we drove around Patterson Lake and up to the Lodge. The view from the bar deck at Sun Mountain Lodge while you sip your favorite beverage and enjoy five-star food is something you must experience.

Next we drove over to Bear Creek Golf Course in Winthop which AAA has called "a hidden gem." For avid golfers, you might

be familiar with Desert Canyon and Gamble Sands – two amazing golf experiences in eastern Washington. On your next golf outing, you must stop and play Bear Creek golf course which has spectacular mountain views from multiple tee boxes. It is a par 72 full size course with three challenging par four holes. Ash and Linda Court have owned the course for many years and the course was built by Ash's father, Herman Court. The picture you see in this article was on the course which is in the finest shape I've seen in my 40 years of playing it. This is due to the new Course Management team led by Bart & Rick Northcott. The course has amazing staff including Angie Andrew, Deb Hardy, Dorothy Mitchell, Laurie Myers, Regina Wallenberg and the Groundkeepers. This is course that will challenge accomplished golfers, and is also super fun for the average golfer who wants to play in the sun and see amazing views.

We drove the RX on many back roads with incredible vistas with very little vibration or noise due to the solid Lexus design. There are countless activities in and around Winthrop in addition to golf including excellent fishing (stop in at the Outdoorsman for gear and advice), hiking, camping, swimming and rafting in lakes/rivers, waterskiing, jet ski, shopping, horse-back riding, ATV options, rock climbing and in the winter this area is one of the top cross-country ski and snowmobile destinations in the entire U.S. I always enjoy having breakfast at the Rocking Horse Bakery in Winthrop and reading the Methow Valley News, one of the top-rated newspapers in our entire state.

My suggestion is stop into a Lexus dealership and buy the Lexus RX F Sport SUV. Then contact the Winthrop Visitors Information Center at 509-996-2125 and ask about all the fantastic dining, shopping and recreation options available including many hotel, motel and B&B accommodations to fit your budget. Enjoy your trip!

Auto News is a Sponsor of the 3rd Annual iHollywood Film Fest 2023 Scheduled for September 28th - 30th

by Joyce Chow

Auto News a sponsor of the 3rd annual iHollywood Film Fest. The International Hollywood Film Festival celebrates emerging storytelling and technologies by empowering independent creators. The festival showcases Web3, AI, blockchain and Film3 innovations that intend to transform the future of film. This year the focus is on the transformative powers of sustainability and cultivating conscious storytelling and will be held at the TCL Chinese Theatres in Hollywood, California September 28-30, 2023.

iHollywood Film Fest is about

the story, the storyteller, the experience and empowering storytellers. The festival aims to bring high quality dialog through workshops, summits, panels and screenings rooted in the UN Sustainable Development Goals, and designed to empower cross-industry conversations that forge new ways of working together with technology.

We are proud to introduce Holotopians Naomi, Michal and David, our festival ambassadors and hosts designed to help inspire reverence, wisdom and compassion within humanity guiding us to realize our essential role: participants withinnot owners or conquerors of - life's

web sustaining our world, and shared by generations of humanity through the art of storytelling.

The iHollywood Summit kicks off the festival with BitAngels Hollywood and an iHollywood pitch event with entertainment, ai, blockchain and ai and investors / film financiers. Special screenings will feature the winners from the Fullerton School District's FSD Fest and Film It West Covina - West Covina Film Festival.

Come join this year in Hollywood, September 28-30, 2023. For more information visit http:// www.iHollywoodFilmFest.com

Winners Announced:

★ 2023 Ford F-150 Raptor 4x4 SuperCrew

★ 2023 Genesis GV70 Electrified

★ Jeep Wrangler 4xe Rubican

★ 2023 Mitsubishi Outlander

★ 2023 Subaru Crosstrek Premium

On April 19 & 20, 2023, 22 Northwest automotive journalists gathered at the Alderbrook Inn on Hoods Canal and the Ridge Race Track in Shelton for Mudfest 2023 or better known as "The Northwest Outdoor Activity Vehicle of the Year Competition."

Our task was to drive and test 22 brand new 2023 vehicles on both the track and an off-road course at the Ridge. The vehicles in alphabetical order were the: 2023 Acura RDX SH-AWD, 2023 BMW X7 M60i,

SuperCrew (Category Winner), 2023 Genesis Electrified GV70 (Category Winner), 2023 Honda CR-V Hybrid AWD

2023 Ford F-150 Raptor 4x4

Sport Touring, 2023 Honda Pilot Trailsport AWD, 2023 Hyundai Palisade XRT AWD, 2023 Hyundai Santa Cruz,

2023 Jeep Compass Trailhawk 4x4,

2023 Jeep Wagoneer Series II 4x4, 2023 Jeep Wrangler 4xe Rubican

(Category Winner). 2023 KIA Sportage X-Pro, 2023 KIA Telluride X-Pro, 2023 Lexus RX, 2023 Mazda

CX-50 Meridian Edition, 2023 Mitsubishi Outlander PHEV (Category Winner),

2023 Nissan Pathfinder RockCreek, 2023 Rolls-Royce Cullinan, 2023 Subaru Crosstrek Premium

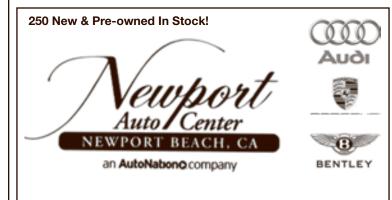
(Category Winner), 2023 Toyota Sequoia TRD Pro,

2023 Toyota Tundra TRD Pro, 2023 Volkswagen Tiguan 4motion.

Thank you to all the automakers who participated in Mudfest 2023 and it was nice visiting with some old friends from OEM Manufacturers who attended this years event. And a special thanks to NWAPA (Northwest Automotive Press Association) officers and staff who organized the event.



Northwest Automotive Press Association Members at The Ridge Race Track in Shelton Washington



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XP1 Hypercar Review by Joyce Chow continued from page 8

infrastructure challenge of costs and regulations. Popularity is increasing as "big companies are realizing that you can store huge amounts of power and then take

that power, put it back on the grid." Angelo's background is automotive design and engineering. He sketched the first designs. The inspiration is "where hydrogen comes from-water, wind and solar and the hydrogen molecule itself. You'll see different parts of the car that have two circles in the front and the rear exhaust and swelling ticks and that stands for the hydrogen molecule cell of two hydrogen atoms together." The teal swooping accent elements are "because hydrogen takes green energy and it's blue water together."

Angelo will tell you about the extreme work and tenacity it took the past 10 years. During the first 6 years no one wanted to touch hydrogen. It's all part of the journey and moonshot. He's first generation American and admits to being crazy passionate striving to make his dreams come true.

Hyperion | 2023 McLaren **Artura: The Future of the Third Annual** of Sports Cars

continued from page 4

tive in 1963. At the same time the McLaren's USA headquarters opens – with its state-of-the-art workshop and training facility -McLaren introduces its all-new Artura, arguably one of the bigger steps in the evolution of the sports

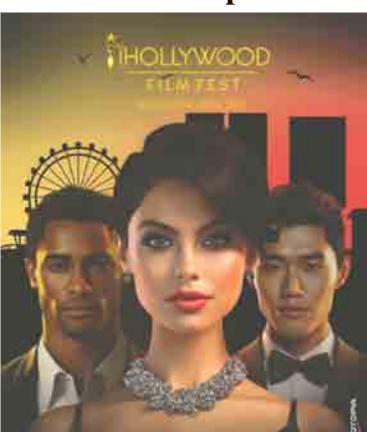
A strong American dealer network benefits from centrally located headquarters, and the new facility provides technical service support. In 2011 McLaren was located in a 4,500 square foot downtown New York office suite, while today the company occupies a complex some seven times that original size. With this new location you will be able to conveniently access the new McLaren offices from both DFW Airport or Love Field, both easier than Newark or JFK.

McLaren is a pioneer and continuously pushes the boundaries. In 1981 they introduced lightweight and strong carbon fiber chassis into Formula One with the McLaren MP4/1. In 1993 they designed and built the McLaren F1 road car; the company has not built a car without a carbon fiber carbon fiber chassis since then McLaren was also the first to deliver a hybrid hypercar, its McLaren P1.

McLaren's new Artura has a base price of \$237,500, which may seem like a lot, but it really isn't that much for this type of design and performance - according to Car and Driver the Artura goes from 0 to 60 mph in 3.2 sec from a rolling start. Options include technology and performance packages, special wheels and painted brake calipers; in short, there are all kinds of boxes to check, most at a substantial cost upgrade-you pay your money and you take your choice.

No question this will be a great sports car, especially in Texas; you can drive long (perhaps winding) roads forever and enjoy the extreme power and handling of this vehicle. If you get a chance to see their facility it is jam-packed with these brand-new vehicles, all of which are on their way to new customers at some point. Incredible styling complemented by great colors and beautiful interiors – notably, even the paint comes from a special vendor overseas, and the cost of the gallon of paint for this car you could buy a good used car. Every vehicle is hand-assembled at the McClaren Production (MPC) in Woking, Surrey, England.

Auto News is a Sponsor iHollywood Film Fest 2023 Scheduled for Sept. 28th - 30th



iHollywood Film Fest 2023 with festival ambassadors Holotopians Naomi, Michal and David. (See story on 12)

Next Event: "8th Annual BRM and **Scale Racing Center** 24 Hours of Tacoma"

- Nov 9th thru 12th
- \$300 Entry Fee (6 Races)
- Prototype Race Car Included
- Sprint Final Nov. 9th & 10th
- 24 hour Event Nov. 11th & 12th "Teams from Italy, Canada and the United States"



Alan (left) Scale Racing Center owner hosts slot car competition at Legends of Auto Monterey

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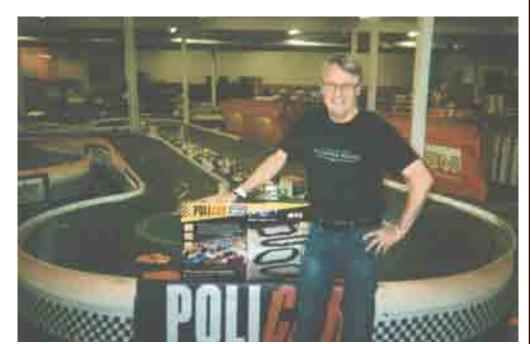
Order A Custom Made 18 foot by 8 foot Table Top Track with Cars, Controls, etc. for \$3999 or

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Controls for only \$599 including shipping - ORDER TODAY - While Supplies Last!



Alan Smith, Scale Racing Owner Conducts Slot Car Demos at NW Race Tracks



Alan Smith, Scale Racing Center Owner, Demonstrates PoliCar Slot Car Starter Kit at his Center in Tacoma



Join the excitement -Ladies' Fancy Hat **Contest at** Concorso Italiano!

We hope this finds you in high spirits and with an appreciation for Italian elegance and automotive beauty. We are delighted to announce an exciting addition to this year's Concorso Italiano event that is sure to dazzle and captivate all attendees - the inaugural Ladies' Fancy Hat Contest!

Hosted by Rosso Corso - the ladies make-up and lipstick company you have come to appreciate for years at Concorso Italiano, the all new fun contest is taking place on Saturday August 19, at the lunch hour at the main stage.

This year, we aim to highlight not only the stunning cars but also the fashion and style associated with Italian heritage.

The Ladies' Fancy Hat Contest is a wonderful opportunity for you to showcase your fashion flair and compete for fabulous prizes.

Here are the details of the contest: Date: Saturday August 19, 2023 Time: Noon (lunch break time) at the Main event stage.

Whether you prefer a chic and modern design or a vintageinspired masterpiece, we encourage you to express your personal style through an exquisite hat creation. As a participant, you will have the chance to parade your hat on the catwalk, where a panel of esteemed judges will evaluate your creativity, elegance, and overall presentation.

We have lined up an array of fantastic prizes for the winners, including Rosso Corso items selected by Konstantina. Additionally, participants will have the opportunity to gain recognition, mingle with fellow fashion enthusiasts, and enjoy the unparalleled atmosphere of Concorso Italiano.

Judging is totally subjective and it is all meant to be a fun addition to the lunch time regalia.

To register for the Ladies' Fancy Hat Contest, just be at the main stage at least 10 minutes prior and follow the instructions of the (Volunteer!) staff to parade across the stage. So don't miss out on this exclusive opportunity to showcase your exquisite taste and style.

We encourage you to spread the word among your friends, family, and fellow fashion aficionados who would be interested in participating or attending this exciting event. The more, the merrier!

We look forward to welcoming you to Concorso Italiano and witnessing the spectacle of creativity and elegance that will unfold during the Ladies' Fancy Hat Contest. Should you have any questions or require further information, please do not hesitate to contact our dedicated team at ci@concorso.com 425-742-0632

Prepare to make a stunning impression with your exceptional hat creation and revel in the ambiance of Italian automotive

SHOWCASE REVIEWS

Lexus IS 500 Premium



The Lexus IS 500 Premium luxury sport car received updates for 2023. The new infotainment system offers new features that high-tech buyers will like.

BASE PRICE: \$61,620 * **TYPE:** Sports Sedan **ENGINE:** 5.0 Liter V8 HORSEPOWER: 472 hp TRANS: 8-speed AT MPG: 25 highway

Mazda CX-50



The all-new Mazda CX-50 adds to Mazda's lineup of SUV's. It has an off-road driving mode and offers 12 safety & security features including 24-hour road assistance.

BASE PRICE: \$42,300 * TYPE: 4 door SUV **ENGINE: SKYACTIV-G 2.5L** HORSEPOWER: 227 hp TRANS: 6 Speed AT MPG: 29 highway

2024 Mazda CX 90 PHEV



The 2024 Mazda CX 90 Premium BASE PRICE: \$56,950 * Plus is another addition to the expanding lineup that has helped Mazda increase their market share in the U.S. It has lots of room and is priced right.

TYPE: PHEV SUV ENGINE: E-SKYACTIVE PHEV HORSEPOWER: 325 hp TRANS: 8-SPEED AT **MPG:** 56 ELECTRIC/GASOLINE

Toyota RAV4 Hybrid



The Toyota RAV4 is an alltime best seller for Toyota. The popular hybrid is priced right and helps Toyota with their customer base as they transition to EV's

BASE PRICE: \$33,025 * **TYPE:** Hybrid SUV **ENGINE: 2.4 LITER** HORSEPOWER: 219 hp **TRANS: ECVT** MPG: 37 overall

Toyota Tundra HV Capstone



This Tundra Hybrid 4 x 4 from Toyota increases their lineup in the truck market and will tow your boat or trailer with ease, plus a load. **BASE PRICE:** \$75,245 * TYPE: Hybrid Truck **ENGINE:** I-Force MAX Twin Turbo HORSEPOWER: 437 hp TRANS: 10 speed AT

MPG: 22 highway

* All information listed "AS TESTED"

VW Golf GTI Autobahn



The fun-to-drive VW GTI Autobahn with a 6 gear manual stick shift has the looks, speed, economy and value and is worth a "test drive" at your local VW dealer.

BASE PRICE: \$39,335 * **TYPE:** 4-door Hatch ENGINE: 2.0 Liter HORSEPOWER: 184 hp **TRANS:** 6 speed Manual MPG: 27 overall

autonewsonline.com/showcase reviews





Car Collections



See Mecum Ad for: Dallas (Sept. 20th-23rd), Indy (Oct.5th-7th) & Chattanooga (Oct.13th-14th) on Back Page

Mecum Summer Special Exceeds \$30 Million in Sales for Third Consecutive Year

Total of 885 Lots Hammer Sold at Florida Collector Car Auction

Mecum Auctions, host of The World's Largest Collector Car Auction[®], held its annual Summer Special auction this past weekend and achieved overall sales in excess of \$30 million for the third year in a row. The event is held each summer in central Florida and was launched in response to the overwhelming and continued success of The World's Largest Collector Car Auction® held each January at Osceola Heritage Park in Kissimmee, Florida. In total, the 2023 Summer Special auction saw 885 lots hammer sold throughout the four-day event for a total of \$30.6 million.

Well reflecting the auction's varied lineup of offerings, the top

1956 Cheryolet 3100 Carneo pickup

mishual three speed

283 Chevy V8 engine. It come with a

10 sales included a diverse array of vehicles overall, though the overriding theme was Americanbuilt muscle. The No. 1 top sale at the auction was America's beloved Ford GT, with a 2005 model (Lot S114.1) showing 2,921 miles selling for \$456,500. Ford models ultimately served as bookends of the top 10 list with the No. 10 spot claimed by a 2021 Ford Shelby Super Snake Speedster (Lot S217) that sold for \$187,000.

The lone European-built vehicle to make the top sellers list was a 2019 Porsche 911 GT3 (Lot S155.1) that sold for \$242,000, which was followed by a 2023 Chevrolet Corvette Z06 70th Anniversary Coupe (Lot S161) that sold for \$231,000. For lovers of vintage and classic cars, a 1968 Plymouth Road Runner (Lot S79) achieved \$264,000, while a 1969 Dodge Super Bee Custom (Lot F109) sold for \$220,000.

The top collector car sales at the 2023 Kissimmee Summer Special auction include:

1. 2005 Ford GT (Lot S114.1)

2.1968 Plymouth Road **Runner** (Lot S79) at \$264,000

3. 2019 Porsche 911 GT3 (Lot S155.1) at \$242,000

4. 2023 Chevrolet Corvette **Z06 70th Anniversary Coupe** (Lot S161) at \$231,000

5. 1969 Dodge Super Bee **Custom** (Lot F109) at \$220,000 6. 2018 Dodge Challenger SRT Demon (Lot S60.1) at

\$198,000 7. 1969 Pontiac GTO Judge Ram Air IV (Lot S107) at

\$198,000 8. 1957 Chevrolet Corvette **Custom Convertible** (Lot S108) at \$198,000

9. 1996 Chevrolet Custom Batmobile Replica (Lot S237) at \$192,500

10. 2021 Ford Shelby Super Snake Speedster (Lot S217) at

For access to complete auction results, signup for a free MyMecum account at Mecum.com.

1956 Chevrolet BelAir 2 Door Hardtop

It's a time ospsule. Top notch car that is

stock. 283 Power Pack. Power steering

Harrisburg, Pennsylvania, auction this July 26-29, which is slated to feature 1,200 vehicles at the city's Pennsylvania Farm Show Complex. For more details on upcoming auctions, to consign a vehicle or to register as a bidder, visit Mecum.com, or call (262) 275-5050 for more information.

Drager Museum and Event Center Offers Seating for 300, **Collector Cars, Over** 100 Collector Motorcycles and the largest Memorbilia **Collection in the NW**



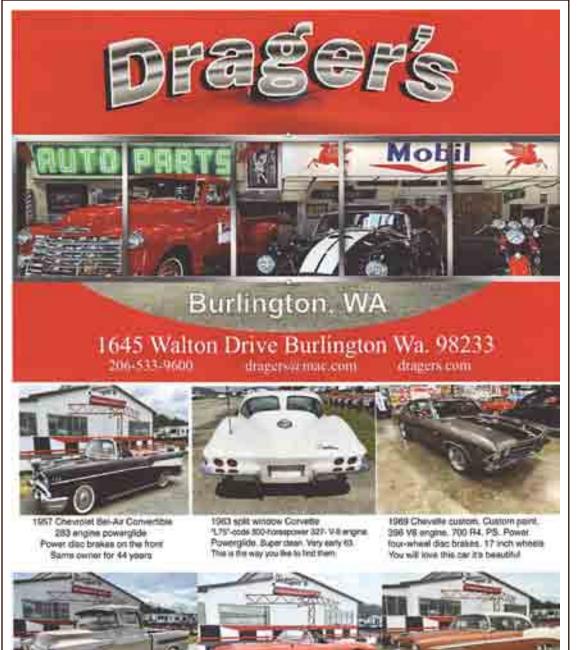
20,000 Sq. Ft. Museum & Event Center with a seating capacity of 300 Guests



Over 100 Collector Motorcycles on Display at Drager's



Largest Collection on Auto Memorbilia in the NW on Display at Drager's Museum



1957 Corvette roadstar as nice as you'll

find. You'll neelly enjoy driving this Vette.

283 with duel cerbs and four-speed



Women in the Auto World



Previously Featured: "Women in the Auto World"

Lyn St. James - Indy Race Driver Felicia Fields - Ford HR VP Mary Barra - GM CEO Michelle Christensen - Acura Design Lisa Copeland – FCA Dealer Sandra Button - Pebble Concours Courtney Kramer - Auto News

Monika Kalenski - MEK Magnet Chanterria McGilbra - Prancing Ponies Foundation Nancy LeMay - LeMay Family Collection Muffy Bennett - Car Collector Jennifer and Abbie Biggs - Repair Shop Owner Carolyn Jackson - VP Brand Strategy Barrett-Jackson Monterey Touring Vehicle (MTV) Heather Gardner Pam Nelson - Nelson Auto Group

Joyce Chow - Social Media Mogul in Hollywood Sarah Deccio - Distribution Mgr. Valerie Thompson – Motorcycle Racer Ashley, Courtney & Brittany Force - Drag Racing Champions Toyota of Marysville - Ladies at Work Dana White - Chief Comm. Officer - Hyundai N. America Rita Case - Rick Case Auto Group Connie Peters - Automotive Writer

Connie Peters is New Editor of "Women in the Auto World"

Connie Peters Vancouver Canada based Auto Writer Joins Auto News



Connie Peters writer

Connie Peters is an automotive writer and video creator based in Vancouver Canada. She has been writing about cars since 2014 and family travel, baby gear and parenting since 2008.

"I started a business in 2008 for mothers to get out of the house with events for them to experience together with their baby, and a blog with product reviews and content created solely for new moms in the first five years of parenthood.

I began covering family cars in 2014 and have grown to love all types of cars since. In 2018 I sold Modern Mama and focused solely on social media consulting and automotive content.

I now write for several outlets in Canada and the United States. In 2020 when the pandemic

began, I started creating video content as a way to connect with others online. My video channels, mainly TikTok and Instagram with a budding YouTube channel, continue to grow with new content there daily."

Find more from Connie here: Instagram.com/xoconniepeters TikTok.com/@xoconniepeters Facebook.com/xoconniepeters Twitter.com/xoconniepeters



Connie Peters with her Land Rover (photo Connie Peters)

Ford Mach-E frompage 2

my week with the Mach-E.

Inside, the Mach-E GT is spacious and comfortable, with a modern and high-tech cabin featuring a large touchscreen display and a variety of driver-assist and safety features. The Mach-E GT also comes with a host of standard features, including a B&O sound system, wireless charging, and heated front seats.

Overall, the 2023 Ford Mustang Mach-E GT is a compelling electric SUV that offers impressive performance, practicality, and cutting-edge technology. If you're in the market for an electric SUV that delivers a thrilling driving experience, the Mach-E GT is definitely worth considering.

See Pirelli Tire Story on 20 & 21





Ford Mach-E GT (photo Chris Chung)

Dodge Hornet R/T

continued from page 2

model get you, besides a cool badge steeped in history? Why, a plug-in hybrid (PHEV) drivetrain. Talk about pushing all the right buttons in the third decade of the 21st century. These PHEV offerings from manufacturers far and wide are quickly becoming their own hot segment. Some of the benefits of a pure electric (30 or so miles of gas-free driving in this case), but without any of the downsides. Want to drive across the state, or the country? Gas it up and go.

Oh, aside from the ability to tell people you've gone green(er), this drivetrain may also satisfy your need for speed. Between the 1.3

liter turbocharged direct-injection four, and the electric motor, we're talking 288 horsepower and 383 lb-ft of torque, put down to the tarmac via all-wheel drive. Handling and braking are enhanced by Koni and Brembo, respectively, since many people want to go around corners quickly too. Especially if they have a vehicle with R/T in its name. Those roads - and

tracks - usually have turns. The Hornet R/T has a nearidentical cousin in the form of the Alfa Romeo Tonale. They're even built in the same factory in Italy. The Alfa gets the PHEV drivetrain standard, so its price is a bit steeper.

You can get a "base" Hornet (called GT) without the hybrid powertrain for a little over \$30,000. But to step up to the sporty R/T, which is also the greener one, the tab climbs to just over \$40,000 before options.



2024 Dodge Hornet R/T (photo Dave Kunz)

2023 Ford Bronco Everglades Test Drive Review by Chris Chung

The 2023 Ford Bronco Everglades is a testament to Ford's commitment to delivering rugged, off-road ready vehicles, encapsulating the perfect blend of vintage style and modern performance. With the iconic Bronco name resurrected, the Everglades trim stands out for its robust off-road capabilities right out of the box.

Featuring an air snorkel, the Everglades trim breathes efficiently even when the air thickens with dust, snow, or water, ensuring the engine's optimal performance. This feature becomes a gamechanger in off-road conditions, reinforcing the Bronco's goanywhere attitude. The snorkel, combined with raised air vent plumbing for the axles, transfer case, and transmission, increases the safe wading depth from 33.5 inches to 36.4 inches. This enhancement allows the Bronco

to traverse deeper waters without risking damage to vital components, thus inviting enthusiasts to conquer challenging terrains and minor floods with confidence.

In addition to these, the Everglades trim includes a heavyduty modular Ford Performance bumper, equipped with a Zeon 10-S Warn winch and protective safari bar. Whether it's recovering from a difficult spot or helping another vehicle out, the winch is a valuable tool in the off-road toolbox. The interior isn't left behind either, with marine-grade vinyl seats designed for easy cleanups after adventurous days of mudding or dusty trail rides.

On the road, the Bronco Everglades offers a fun, albeit bumpy ride. It's no silent cruiser, but it's not meant to be. It's a joy to drive, even when the trails get rough. The vehicle's G.O.A.T

(Goes Over Any Type of Terrain) modes, including Normal, Eco, Sport, Slippery, Sand, Mud/Ruts, Rock Crawl, and Baja, make it adaptable to a variety of terrains. The Bronco Everglades is a vehicle that demands respect, both on and off-road, and its performance doesn't disappoint!

With a multitude of off-road-

ready features, the 2023 Ford Bronco Everglades is not just another SUV. It is a capable, funto-drive off-roader that stays true to the Bronco heritage while pushing the boundaries of what is possible in an off-road vehicle. With the Bronco Everglades, Ford has not only resurrected an icon but has also redefined off-road adventure.



2023 Ford Bronco Everglades Off-Road (photo Chris Chung)

Hi Readers! Happy Summer!

Do you or a friend or family member of yours complete your own auto repairs?

continued from page 3

I can so relate to this article because my Dad and brother assist me with my car upkeep, however, they also help me with going to a trusted mechanic if ever I have a job for the pros. Thankfully, those jobs have been few and far between; thank you BMW. Happy, safe, driving, Millennials! Email me and let me know if you do your own repairs - See you next time!

jordanwms1@hotmail.com

Mercedes/ Benz C300

continued from page 6

Inline Four-cylinder turbocharged M 254 gasoline engine, featuring an integrated starter-generator with an additional output of up to 20 hp and 148 lb-ft. Horsepower is rated at 255 @5,800 rpm, while the torque measures 295 @ 2,000-3,200 rpm. 0-60 mph clicks off in 5.9 seconds and top speed is electronically limited to 130 mph. EPA: City=23 mpg/Hwy=33 mpg.

Motive force is transferred to the ground via a 9G-TRONIC nine-speed automatic transmission and advanced 4MATIC all-wheel drive system.

As Tested:

My test Mercedes-Benz C300 4MATIC Sedan wore an en exterior finished in Starling Blue metallic, with the interior executed in AMG Neva Grey MB Tex with Fineline Anthracite wood trim Black headliner and metal weave center console. It rolled on 20- spoke silver alloy wheels shod with Goodyear Eagle F-1 225/40 R19 tires. The base price was set at \$45,550 with \$13,400 worth of optional goodies before tax and license, and a Destination price of \$1,050 for a grand total of \$60,000. before tax and license.

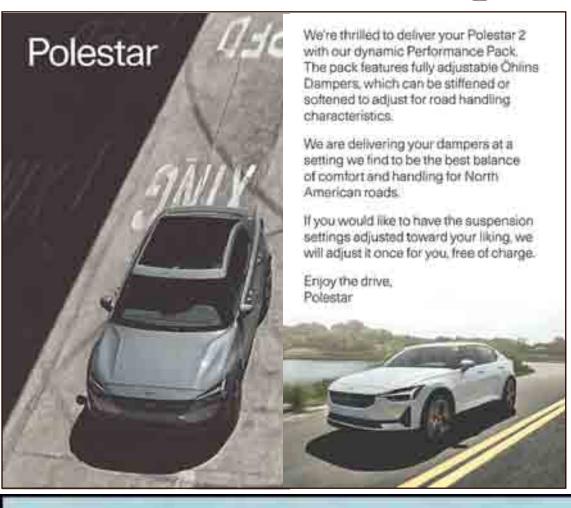
DRIVER ASSISTANCE AND CONVENIENCE: The Latest MBZ C300 4MATIC sedan is loaded with state-of-theart safety and security features and equipment that enhance the driving experience and protect the vehicle occupants. Agility Control, Active Distance Assist DISYTRONIC, Intelligent Parking system, Active Steering Assist and MBUX (Mercedes-Benz User Experience). The "Hey Mercedes" App continues to provide interaction between driver and vehicle, linking access to virtually all communication and infotainment

PERFORMANCE AND OUR FINAL TAKE:

functions.

If you're in the market for a luxurious semi-compact sedan that delivers sporty handling and plush interior features and are a fan of the Tri-Star stable, the Mercedes-Benz C300 4MATIC is the ideal alternative to big brother (or sister) Mercedes S-Class lineup for a lot less money.





O'Brien Auto Group Opens Polestar Showroom in Bellevue Square Mall

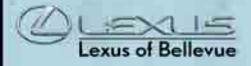
by Bill McCallum

When Polestar introduced their all-new EV lineup over two years ago, they picked the Northwest as a prime U.S. target area. As we reported this Spring the Swedish brand jointly owned by Volvo was working with the O'Brien Auto Group to establish Bellevue as "ground zero" for the Polestar NW launch. With the opening of the Bellevue Square Polestar showroom that goal a now a reality.

The Bellevue Square Showroom and South Center Service location is managed by Connor O'Brien an O'Brien Auto Group Executive. The Bellevue Square show room displays 3 each Polestar 2 models and the soon to arrive Polestar 3 models According to Connor O'Brien, manager, they are averaging 300 to 400 visitors on weekdays and over 1,000 visitors on weekends. The order list is growing and Bellevue Square has allocated 3 parking spaces for Polestar "test drive" vehicles. The Polestar 2 is priced between 50K and 70K with a 275 mile range. The Polestar 3, scheduled to arrive sometime in 2023 is priced at 85K to 100K with a 300 mile range. With a local dealer, convenient show room, and local service center, The Polestar brand is a good place to start your EV experience.

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Overland Off Road Adventures





2023 Toyota Highlander Joins Toyota's Off Road Line-Up

continued from page 2

proofing materials that have been added to create a quiet cabin. The balanced ride and handling are all provided by the MacPherson strut front suspension with stability bar and trailing wishbone suspension. The Highlander's ride is smoother and quieter that the RAV4.

Even though the Highlander is 14 inches longer, 3 inches wider and only one inch taller than the

compact SUV, the ground clearance is very close to the same in both vehicles and I really did not feel the increased size made the Highlander hard to negotiate through traffic or parking.

The Highlander offers seating for 7 with its third row seating configuration. Seating for three in the third row is limited to those smaller in stature. With the third row of seats folded down, 48.4 cubic feet is available for cargo compared to my vehicle's 37.6

cubic feet. With the second and third rows laid flat, 84 cubic feet of cargo space appears compared to my vehicle's almost 70 cubic feet of space with the back row laid flat.

A hands-free power rear liftgate provides easy access to the cargo area. The liftgate senses the smart key-fob and opens the liftgate automatically when you kick your foot under the rear bumper.

Inside the Highlander Hybrid Platinum is a 12.3-inch multimedia display that offers turn by turn directions to your destination and safety information at a glance so you can keep eyes on the road. The system is accessible with the sound of your voice. The fully Digital cluster also accesses playlists, podcasts and entertainment options paired with the JBL audio system's surround sound for fantastic clear quality listening. A perfect back-up camera display is one part of the cluster that definitely is superior to my vehicle's depiction. The panoramic moonroof with front power tilt/slide along with a power-retractable shade is another great feature.

The exterior of the Highlander is especially notable with LED headlights that give the front end an aggressive and dynamic look. The auto-leveling lights keep light aimed down on the road for enhanced visibility. Rounding out the Highlander Hybrid Platinum's features are 20-inch alloy wheels

which add even more style to the midsize SUV.

The Toyota Highlander Hybrid Platinum is definitely a quality midsize SUV to consider for great mileage, plenty of inside space, and numerous standard features that make driving a pleasure.



Toyota Highlander Hybrid Platinum takes a break by the Columbia River at Clover Island in Kennewick, WA (photo Sally Hanson)

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Shelby American Introduces Its Latest Generation Shelby Raptor, Its Most Polished Off Road Super Truck Ever

owned subsidiary of Carroll Shelby International Inc. (CSBI:PK), has announced the latest generation Shelby Ford F-150 Raptor, the most polished off-road truck ever offered by the company. The 525-horsepower truck is now available in limited quantities through official dealers nationwide.

"Shelby American and Ford Motor Company have a tremendous history of working diligently together on high performance cars and trucks for enthusiasts worldwide," said Joe Conway, CEO of Shelby American. "We're excited to continue that important legacy. The future is bright as our companies continue evolving the product line, so the public has even more choices for world-class Shelby vehicles

The latest vehicle in the lineup builds upon Shelby American's rich legacy.

"Carroll Shelby established Shelby American in 1962 and immediately pulled ahead of every automaker, just as he did on the track while a race car driver," said Gary Patterson, president of Shelby American. "An important part of his legacy was the idea of a high-performance street legal truck, which his team pioneered in the 1980s. When Ford introduced the first F-150 Raptor in 2010, Shelby began building super trucks based on that incredible vehicle. Our latest generation achieves handling, ride and power levels no one could envision when Shelby American started on this trail."

In 2021, Ford introduced a fully redesigned F-150 Raptor that boosted its off-road capability with all-new five-link rear suspension featuring improved wheel travel and electronically controlled shocks along with upsized wheels and tires. The re engineered running gear features extra-long trailing arms to better maintain axle position on rough terrain, a Panhard rod and 24-inch coil springs. Next-generation FOXTM Live ValveTM internal bypass shocks with state-of-the-art electronic control technology offer position-sensitive damping adjust

The high output 3.5-liter Eco-Boost® V6 engine delivers strong low-end torque for maximum towing and increased payload capability. The suspension design combined with more sophisticated engine management software means the truck can put more torque to the rear wheels for quicker starts off the line, faster acceleration and better throttle responsiveness while still delivering comfort, stability, handling, control and traction at

The interior was completely redesigned to elevate the owner experience with style, comfort and utility. The truck features enhanced materials, new color choices and more storage. The new Ford Shelby Raptor has standard over-the-air updates and a new connected experience that can deliver potential features like shareable digital trail maps. There is also SYNC® 4 with cloud-connected navigation and voice search and the FordPass mobile app to check on the truck remotely and more.

"The Ford F-150 Raptor and Shelby version of the truck have improved every generation," said Vince La Violette, Shelby American Vice President of Operations and Chief Designer. "The latest Shelby Raptor boasts its best suspension system ever, giant 37-inch off-road tires on aluminum forged wheels, functional off road bumpers and LED lighting for any occasion. It makes impressive power, can stay cool in the most severe environments and look handsome while doing it."

The all-new 2021-2022 Shelby Ford F-150 Raptor delivers the rugged capabilities needed for outdoor adventure. The heavy-duty suspension and underbody were built to withstand the toughest conditions with its race-proven FOX Live Valve system. The suspension provides a smooth and comfortable feeling on pavement with aggressive control and stability at high speeds off-road.

 $Shelby American \, worked \, closely \,$ with partners like Fox, Ford Performance and Whipple to create its vision of the truck. Leveraging the new capabilities of the Ford Raptor, it has more power, refinement, technology and handling capabilities.

For 2021, the Shelby Raptor

features new and better handling underpinning, 75 more horsepower, an additional cooling package and an exterior with rugged all-American styling. The Shelby Raptor strikes an imposing stance with its robust bumper system, bed chase rack system carrying a pair of spare alloy 18-inch wheels wrapped in 37-inch high-performance tires, functional fresh air hood, Shelby stripes and badges. Inside, the Shelby American theme continues across the leather seats, dashboard and floor mats.

"The Shelby Raptor has every creature comfort the new F-Series truck provides," said Patterson. "And it has the capabilities to back up its bold looks. From skimming sand dunes to maneuvering the asphalt jungle, it's by far our most polished off-road truck to date."

The Shelby Ford F-150 Raptor, including the truck, start at \$124,820 MSRP. The truck is available through select Tuscany and Ford dealers in North America. Each vehicle from Shelby American has a Shelby serial number that will be documented in the official Shelby Registry. The cars come with a 3 year/36,000-mile warranty including powertrain. Individuals interested in Shelby vehicle can visit their local dealer or go to (https:// www.shelby.com).

*Horsepower ratings based on use of 93-octane fuel

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Technology





Kim DiBenedetto shows Lexus LX 600 interior (photo Auto News)



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Pirelli P Zero Trofeo RS Is Born: The Most Sporting Tire In The Road Car Range Yet

Designed As Original Equipment For Supercars To Offer Performance On The Track And Safety On The Road

Pirelli presents the P Zero Trofeo RS: the latest version of the semislick tire designed for carmakers aiming to highlight the performance of their most sporting models. Pagani Automobili was the first to request a specific version of the new tire for the Utopia: its latest hypercar.

The new tire was born as the technical evolution of the P Zero Trofeo R and distinguishes itself by its position in the marketplace. The P Zero Trofeo R was originally designed as an aftermarket tire to improve on-track performance, while the P Zero Trofeo RS is primarily intended as original equipment, giving manufacturers the chance to supply cars that are already primed for a sports driving experience.

This new generation of semislick Pirelli tires offers even more performance in dry conditions, as well as extra consistency. When the tire is being used most intensively, performance is maintained longer to allow for more speed and safety over several different track sessions: a result obtained thanks to Pirelli's extensive experience in the top categories of motorsport. The materials, especially in the tread pattern compound, make full use of this know-how, adapting it to both road and amateur track use. As this tire is original equipment for hypercars and supercars homologated for the road, Pirelli's engineers also focused on safety in wet asphalt conditions.

continued on page 21

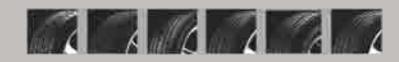
CryoMode founded by Scott Glasser and Ruben Alanis

CryoMode was founded by Scott Glasser and Ruben Alanis. They both worked together in the cloud technology industry and discovered a shared passion for cars and motorsports. After identifying a need for dry ice cleaning in the Pacific Northwest car community they partnered to bring their vision to reality with CryoMode.

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Tires



Chevrolet Corvette Inspires Mark Smith's Love for Collector Cars

continued from page 3

Walker and Louis D Crusoe. They had a solid plan to develop the car - but no name! Crusoe offered a \$250 suit to anyone who could do better. Ford stylist Alden Giberson aced the challenge and recommended the name that the team would go with...... Thunderbird.

The car was developed in response to the Chevrolet Corvette. Although Ford had a slower start they quickly and dramatically eclipsed the sales numbers of the Corvette. Ford had a runaway hit on their hands originally slated for a production of 10,000 units, Ford sold 16,155 Thunderbirds to Chevrolet's 674 Corvettes. Ford continued to develop and sell the two-seater

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Thunderbird until 1958 when it became a four seater. These first-generation cars were the only two-seat Thunderbirds until the retro-design movement started in the early 2000s and Ford produced the "new" Thunderbird in 2002. This new design drew heavily on the old design for its source inspiration.

The 1955 Thunderbird cockpit is classic American 1950's. The leather covered over a metal dash with a speedometer with a clear, domed back, and large circular tachometer on the left side, and a clock on the right side. Reach for the key, on the left side of the steering wheel, the sporty Le Mans position and the 292 Ford Interceptor V8 kicks over slowly, the 6-volt system and low torque starter finally getting the car to ignite. Once running, the small V8 idles very smoothly and has a delightful mellow rumble and with the exhaust exiting the bumpers mere feet from the driver provides a sound track for your adventure. The shifter is located on the floor, in front of the poweradjustable bench seat. The wheel is massive - and you will need all that leverage to turn one of these cars at low speed.

The 1955 Tbird is not a fast car, by modern standards and certain even by the standards for the days. 11.5 seconds to 60 miles per hour is economy car territory. This car is about style and design, not raw performance.

My childhood memories are filled to the brim with all kinds of antics and fun with that 1955 Thunderbird. It always solicited comments, thumbs up, and waves. You could not drive that car anywhere without having a conversation, it was really a show stopper of a design. The firstgeneration Thunderbird is still a remarkable automobile. For my taste, I almost always prefer the first year of a design - especially with classics. The first year tend to be the cleanest design.

Good examples are fairly reasonable today, Ford Thunderbirds are easy to maintain and punch above the purchase price in terms of style and wow factor.



Chevrolet Corvette (photo Mark Smith)

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Pirelli P Zero Trofeo RS Is Born: The Most Sporting Tire In The Road Car Range Yet

continued from page 20 A Tire With On-Demand Technologies

Pirelli's research and development department applied a series of innovative technologies to the P Zero Trofeo RS, developed thanks also to the company's engagement in top-level motorsport. These are available from an on-demand portfolio, to reach the targets defined by manufacturers for each specific model. Examples include Multicompound Tread: a technology that allows tires to be personalized to complement the individual characteristics of each car by matching them to different tread pattern compounds from Pirelli's Prestige catalogue. For the Pagani Utopia, P Zero Trofeo RS tires are capable of elevating performance in extreme sports driving compared to the P Zero Corsa, without compromising the balance of the car or the feeling experienced by the driver. This mission was accomplished thanks especially to the selected compounds. For the rear tires in particular, the most performancefocussed compounds were chosen to deliver speed and safety on the track as well as ease and predictability on the road.

Another innovation that Pirelli's engineers had at their disposal was Virtual Geometry Development, which allowed them to assess a huge number of different profiles and footprints through virtual modelling, in order to define the reaction of the tire to driver inputs with maximum precision. This virtual development process was used extensively for the Pagani Utopia, before the first physical prototypes were driven on track Work was done on the contact patch in particular, to offer the ultimate in grip and control.

The new Pirelli P Zero Trofeo RS is already available for the cars using it as original equipment, and will be available in the future for a wide range of aftermarket tires. The P Zero Trofeo R will remain available in a specific selection of sizes.

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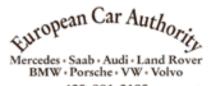
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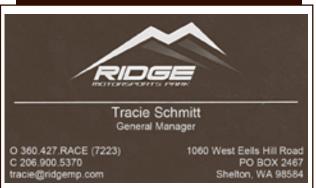
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Doug's Mazda Service Center is located in Lynnwood, WA and serves the entire Puget Sound Region. Scott Fausset, Doug's Mazda Service Manager says it best, ".....we want our service center to be the favorite place to have your car serviced." A new feature at Doug's Mazda Service Center is a complete video walk-around for each customer, checking the tires,

engine, and brake measurements. With 13 service bays, 8 techs, and 23 loaner cars Doug's Mazda Service Center is ready to serve your needs. Scott Fausset, Service Manager has 27 years in the business including 13 years in the tire business and 14 years working for a local Volvo family dealership. (Doug, the Mazda dealership owner is pictured above with a new 2022 Mazda 3 Turbo)

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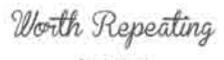


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"Reaching Out To Community Colleges Across The Nation, with Automotive Programs To Attract A Younger Generation To Enter The Automotive Industry"

(See Story on Page 25)

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Auto News Voted #1 Auto Newspaper in U.S. According to a Recent Survey



Auto News Foundation Board Member Sally Hanson Helped Coordinate the NWAPA Scholarship Program (See page 12)

It's been 20 years since the Northwest Automotive Press Association (NWAPA) began a scholarship program that offered scholarships to college students majoring in Communications with a possibility of becoming automotive journalists. NWAPA has awarded \$76,000 to 52 students at five Oregon and Washington universities since 2003.

NWAPA is a group of writers and broadcast journalists most of whom live and work in the Northwest and many have national venues. Several of the Auto News writers are members of the organization. For over 25 years NWAPA has sponsored and organized a contest to choose the Family Sport Utility Vehicle of the year. The winning vehicle is one that best reflects all the

necessary components that makes it especially compatible with our climate and topography. About 15 years ago. NWAPA began another annual event called Run to the Sun. This event features roadsters and sports cars that members drive on a two-day road trip through winding roads in Oregon and Washington. A few years later we began the Drive Revolution which gives journalists a behind the wheel survey of advanced technology "green" vehicles and it gives automakers the opportunity to detail the technology around these products. NWAPA members have the opportunity to drive vehicles that provide "0" tailpipe emissions — including all electric vehicles, plug-in hybrids, and fuel cell models.

These events have provided the funding to NWAPA that make our

scholarships possible. Through the scholarship program, NWAPA recognizes the importance of encouraging, promoting, and supporting the profession of journalism and communication to future generations whose career goals might lead to promoting public awareness of the automotive industry.

The first scholarship was awarded in 2003 at the University of Washington's Department of Communications. I was selected to head-up the scholarship program under the leadership of Bill McCallum, who was president of NWAPA at that time. It was the organization's goal to expand the program to include two universities in both Washington and Oregon. In 2005 we included Washington State University's Edward R. Murrow School of Communication — which has since become the Edward R. Murrow College of Communication. A couple years later we offered a scholarship at the University of Oregon and then we added Portland State University to our program. An Oregon member of NWAPA joined me to manage the scholarship distribution in Oregon and the organization decided to include Pacific University's Department of Communications instead of the

University of Oregon. Establishing a good working relationship with the Development Coordinator in each of the University's Department or College Communications is essential. This is important because we have submitted guidelines for our scholarship to be awarded on a set of criteria such as academic merit, financial need, and a candidate who might pursue a career in the communications field with an emphasis on automotive, consumer products and/or mechanical or technical products. Unfortunately, there has been a high turnover rate in the Development Coordinator field at universities, so I have found it necessary to re-explain the scholarship, its guidelines, and arrange the funding differently sometimes annually. Funding an endowment would eliminate the need to arrange to send off the scholarship money annually, but my suggestion to create endowments fell to deaf ears with our organization.

Seeking a recipient of our scholarship who specifically has the goal of becoming an automotive journalist is like searching for a needle in a haystack! When we asked the membership of NWAPA, we found the large majority of the members did not major in communications in college (like I did) and no one planned to become an automotive journalist (including me). While we have awarded 52 scholarships. I have only seen a byline of one. Another organization that I

belong to has just funded an endowment at Washington State University's School of Nursing to be awarded to someone in that program who plans to become a geriatric nurse in the state of Washington. Who knows how that will turn out — the recipient may decide they don't like old people, want to move out of state and become a hermit!

I have discovered that working to award scholarships is more than finding the perfect recipient—it is tremendously fulfilling to encourage and support someone who has found a passion they can work at. enjoy and make a living.







"11th Anniversary **Legends Of Auto**

Event Announced In The December 2023 Holiday Issue"



Legends of Auto Gala Event attendees at dinner during presentations at previous event.

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SEE - www.LegendsofAuto.com

Bruce Meyer Peter Mullin Roger Penske **Pierre Ford Family Stewart Reed** Steve Saleen Carroll Shelby* **Danny Sullivan**

*Departed Legends

Legends of Auto Celebrates 10 Yr. Anniversary in 2022



(Left to Right) Bill McCallum, Auto News Publisher/Founder, Dan Brigatino, Scholarship Winner, Luk Blackwell (Pierre Ford), Steve Saleen, Jason Anucinski (Pierre Ford), Beau Boeckmann, Pat Bondurant, Barry McGuire, Lyn St. James, John Kraman (Mecum Family) and Rita Case

Mission Statement To recognize and award individual accomplishments, that have significantly advanced the auto industry around the world and to help develop the next generation of auto industry leaders.

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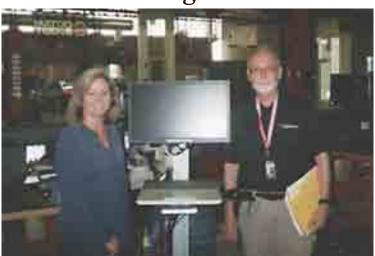
The Auto News Foundation "Kick Off" Will Take Place at an Event on November 18, 2023

"Legends of Auto Celebrates 10 Yr. Anniversary in 2022"



(Left to Right) Bill McCallum, Auto News Publisher/Founder, Dan Brigatino, Scholarship Winner, Luk Blackwell (Pierre Ford), Steve Saleen, Jason Anucinski (Pierre Ford), Beau Boeckmann, Pat Bondurant, Barry McGuire, Lyn St. James, John Kraman (Mecum Family) and Rita Case

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Susan Campbell, Dean of Career & Technical Education at Glendale College with Lyle Clark Director of Automotive **Programs**

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GLENDALE COMMUNITY COLLEGE -GLENDALE ARIZONA: Of all the community colleges we have visited in the last three months Glendale Community College has the best automotive curriculum. Lyle Clark, program director, working with Susan Campbell Dean of Career & Technical Education have created the "poster child" of programs that all schools should follow. (see photo)

They offer three of the best automotive OEM programs in the U.S. The Automotive Service Education Program (ASEP) sponsored by General Motors and Chevrolet, GMC, Buick, & Cadillac dealerships. The Automotive Student Service Education Training program (ASSET) sponsored by Ford Motor Company and Ford and Lincoln dealerships. The Mopar College Automotive Program (MCAP) sponsored by Chrysler, Jeep, Ram, and Dodge dealerships.

With over 70 new vehicles on the ground donated by automaker OEM's as working models, a 2 person parts department with over 500 catalog pages of parts, and the equipment to work on every vehicle including EV's the Glendale Community College Automotive Program is preparing the next generation of automotive technicians and will have the support of the AUTO NEWS FOUNDATION.

Ford ASSET Program

The Ford ASSET program is the only program with a paid internship allowing a student to earn while you learn. Students alternate for six to eight weeks in the classroom and six to eight weeks with their sponsoring Ford or Lincoln dealer over a two year period. At the end of the two years they earn an Associate Degree and valuable in

dealer experience. Earn up to 100% of current Ford Service Technician Specialty Training (STST) in classes such as:

- Gasoline Engine Repair &
- Performance
- Electrical Systems
- Climate Control
- Manual Transmission Steering and Suspension
- Automatic Transmission
- Break Systems

• Diesel Engine Repair & Performance

Inside Toyota's T-TEN Program: Shaping the Future of Automotive Technicians



Ben Melcher, a Toyota Instructor from Regional Office at Shoreline Community College (photo Auto News)

by Christopher Chung

Toyota's commitment to excellence extends beyond its renowned lineup of vehicles and into the realm of education. A shining example of this commitment is the Toyota Technician Training & Education Network (T-TEN), a comprehensive training program designed to develop factory-certified technicians for over 1,400 Toyota and Lexus dealerships across the United States.

We recently had an oppor-

tunity to connect with Ben Melcher, a Service Training Specialist with Toyota, and fellow T-TEN program graduate himself at Shoreline Community

"The T-TEN program offers a blend of academic instruction and hands-on dealership experience, equipping students with both theoretical knowledge and practical skills. It's a testament to Toyota's future-centric mind set as well as a great retention tool for dealerships." Said Melcher, and he was right. While other automotive brands are seemingly not focused on training the next generation of technicians at all; Toyota is laying the groundwork to have a steady stream of quality talent who know their vehicles front to back. The curriculum covers a broad range of topics, including Toyota's hybrid systems, advanced safety technologies, and customer service principles. As a result, graduates are prepared to diagnose and repair Toyota and Lexus vehicles, as well as provide top-notch cus-

One of the program's unique features is its integration of paid dealership experience. allows students to apply what they've learned in a real-world environment, gain valuable experience, and build a strong foundation for their future careers.

Under Melcher's guidance, students in the Shoreline Community College T-TEN program are well-positioned to succeed in the rapidly evolving automotive industry. His wealth of experience and deep understanding of the industry inform his teaching, ensuring the program remains relevant and effective.

The success of the T-TEN program is evident in the caliber of its graduates, who are highly sought after by Toyota and Lexus dealerships nationwide. These technicians are well-prepared to meet the challenges of the automotive industry, thanks to the robust training they received through the T-TEN program.

In summary, Toyota's T-TEN program is a testament to the automaker's commitment to nurturing the next generation of automotive technicians. By investing in high-quality education and hands-on training, Toyota is not only upholding its own standards of excellence but also contributing to the overall growth and development of the automotive

Lucid Air: A Formidable Contender in the Luxury | Auto News **EV Market**

by Christopher Chung

The Lucid Air, a product of the electric vehicle startup Lucid Motors, has made a significant impact in the EV market. The 2023 model of this luxury sedan is a blend of power, style, and cutting-edge technology, making it a strong competitor against highend EVs like the Porsche Taycan, Mercedes-Benz EQS, and Tesla Model S.

The Lucid Air's impressive performance is powered by its in-house designed battery and compact motors. The Grand Touring Performance model can accelerate from 0 to 60 mph in just 2.6 seconds, and when driven conservatively, it can cover an estimated 516 miles on a single charge, according to the EPA. This range is currently unmatched by any other EV in the market. The new Sapphire model is even quicker, boasting a 60 mph time of under 2.0 seconds. The exterior of the Lucid Air is sleek and stylish, while its spacious cabin is modern and comfortable. However, the high price tag of the car had us expecting more luxurious materials inside. The car's controls are mostly accessed through several display screens that adorn the cabin, reflecting Lucid's Silicon Valley roots.

Despite a few minor drawbacks, such as tire noise permeating the cabin and a fussy infotainment interface, the Lucid Air stands out for its swift acceleration, state-ofthe-art technology, and the world's longest electric driving range.

The Lucid Air is not just a car; it's a statement. It's a testament to what a startup can achieve with the luxury and comfort. The Lucid Air is indeed a breath of fresh air in the EV market, setting new standards and pushing the boundaries of what electric vehicles can do. The Lucid Air is more than just a car; it's a revolution on wheels. It's a testament to what can be achieved when innovation, design,

and technology come together. It's a vehicle that doesn't just promise performance but delivers it while offering luxury and comfort. The Lucid Air is indeed a breath of fresh air in the EV market, setting new standards and pushing the boundaries of what electric vehicles can do.







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Celebrates 40th **Anniversary in** 2023 With All **New Digital Platform**

by Bill McCallum

When you start on a journey sometimes you have no idea when or where it will end. That's where I was 40 years ago when the idea of an auto newspaper was born. I was publishing 2 weekly newspapers at the time "Uptown News" in Bellevue WA and the Coal Creek Newcastle News to the South. Both papers had a small auto section and were growing. I wasn't a car guy but I grew up in the business with family members involved with new car dealerships. I discussed the idea of an auto newspaper with Jim Hammond, the founder of the Puget Sound Auto Dealers Association and the original organizer of the Seattle Auto Show. He said "go for it" and you can count on my support. Thus Puget Sound Auto News was born. A few years later we expanded to Eastern WA, and Oregon and changed the name of the paper to Northwest Auto News.

With California being the largest new car market in the U.S. that was the next big step in our expansion and another name change to Auto News of America.

Enter Jay Leno. I first saw Jay at a comedy club on Sunset Blvd. shortly after we started circulating our paper in LA. Jay was the "car guy" that inspired me to expand our reach to include car collectors and collector car auctions. (see back page ad) I watched Jay's first TONIGHT show and attended his last TONIGHT show in person.

Next chapter. From our launch in Calif. we build a network of over 1,000 retail automotive distribution locations in four more states. (Ariz, Nv. Id, & Mt) and changed the name of our paper to GLOBAL AUTO NEWS and launched our online program. (www.autonewsonline.com) Currently we have added a digital platform sending out e-mail "fast blasts" reaching over 500K auto enthusiasts, media & PR firms, OEM's and car collectors.

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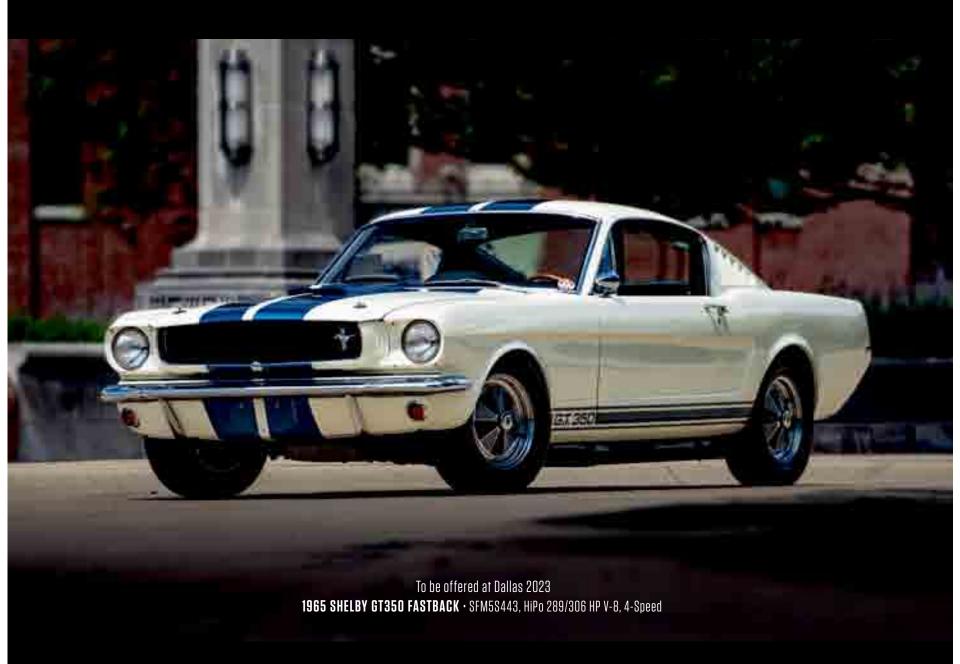
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