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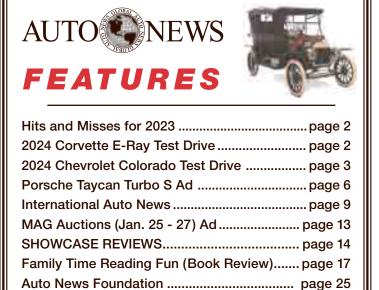
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Auto News Foundation Presents Student Scholarships at Northwest Legends of Auto Event on Nov. 18th

Mecum Kissimmee Ad..... back page

(See page 25 story)

by Bill McCallum

The first annual Northwest Legends of Auto Event was an "outstanding success" according to the 180 + auto enthusiasts and family members who attended. Once again thank you to the Drager family, Jeri, Joan, Katy, Andrew and his daughter Jannah who hosted the event. A special thanks to Jasmine McCallum and Roan McCallum who managed the beverage bar. Also thanks to my family and their friends who traveled to the "Drager Club House" to offer their support. And finally congrats to Phil, owner of GEREa-Deli in Anacortes and his crew who served us a gourmet dinner.

The event was the "official launch" of the Auto News Foundation (see page 24 & 25) and presenting scholarships to both **Phaedra Warren** and **Rashawn**

Ryalls who are students in the Shoreline Community College Automotive Program. (story in next issue)

The balance of the evening was devoted to honoring 12 Northwest Legends of Auto including: John Biddle, Brooks Biddle; Bob Campbell, KarMart Auto Group; Jeri Drager, Drager's Club House; Jose Enciso, XXX Drive-In; Jerry Hudson, Auto Trim Design; Kevin Iden, Iden Dealer Services; Lance Lambert, Vintage Vehicle TV Show; David Madeira LeMay Museum & America's Trust; Pam Nelson, Nelson Auto Group; Mike O'Brien, O'Brien Auto Group; Tony Rehn, Evergreen Auto Group and Mitch Silver, Silver Auctions. LOOK FOR STORIES related to our Legend Honoree's in future issues of Auto News during 2024

Thanks again to all, and our next NW Legends of Auto Event will take place in Q3 2024.



Irena, Team Auto News presents Jim Roes, O'Brien Auto Group GM with award (photo Auto News)

Toyota Corolla Cross HV Hybrid Test Drive Review



Toyota Corolla Cross HV Hybrid (photo Auto News)

by Bill McCallum

One of the many reasons the Toyota brand is the number one selling brand in the U.S. is they know when to release the right product at the right time. The all-new Toyota Corolla Cross HV Hybrid is that car. The Corolla Cross replaces the C-HV and is a 4 door SUV Hybrid delivering 45 mph city and is priced right at \$ 31,065 base MSRP. The Corolla Cross fits nicely into Toyota's family of Hybrids.

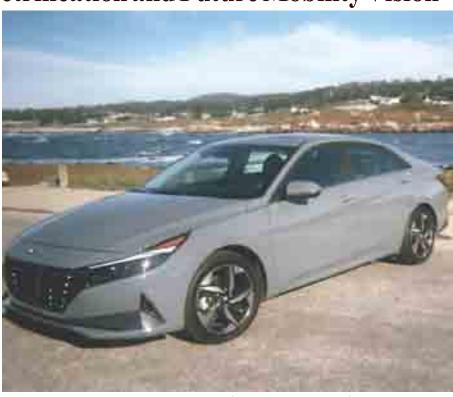
The Corolla Cross Hybrid is powered with a 2.0-liter engine producing 196 hp mated with a dual VVT transmission and Sport Drive Mode.

Safety and Convenience features include; the Toyota Safety Sense 3.0 package with Pre-Collision System w/pedestrian Detection, Full-Speed Range Dynamic Radar Cruise Control, Lane Departure Alert w/steering assist, Automatic High Beams, Road Sign Assist, & Lane Tracing Assist.

Other features include; Connected Service Capable, 4G Network Dependent, Star Safety System, Blind Spot Monitor w/ Rear Cross Traffic Alert, Front and Rear Parking Assist w/ Automatic Braking, Smart Key System w/Push Button Start and Auto-Dimming Rearview Mirror. We suggest a "test drive" of the all-new Toyota Corolla Cross HV Hybrid if you are in the market for a new value priced SUV.

"Hyundai U.S. Reports a Record November Sales Increase of 11% (70,019 Vehicles) Over 2022, as Their Brand Value Rises 18% Driven by Accelerated Electrification and Future Mobility Vision"

Hyundai Elantra HEV Ltd. Tours Monterey During Car Week While Delivering 52 MPG on the Highways



Hyundai Elantra HEV in Monterey (photo Auto News)



We had a lot of HIT'S and a few MISSES during 2023



Bill McCallum publisher

Our FIRST HIT was both revenue and reader reach were up with increased circulation, social media, and digital messaging.

Our **SECOND HIT** was adding both Connie Peters, Vancouver, Canada based writer to our staff. (see her stories on page 3 and 16) and Northern Ca. based writer Keith Turner (see his story on page 2) to our staff of 15 writers.

Our THIRD HIT was adding an International Auto News page (9) and a Book Review page (17). after all these years.

Our HOME RUN was celebrating 40 years of publishing Auto News at a November 18th event at Drager's Museum & Event Center in Burlington, Washington (see story on front page)

And finally, our biggest MISS was not predicting the lack of interest in purchasing an EV in parts of the U.S.

While three years ago, I predicted the transition from fossil fuel vehicles to EV's would take decades and should involve hybrids and plug-in hybrids I didn't think the transition would stall the way it has.

Happy Holidays and stay tuned.

Test Drive Reviews

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Toyota Crown Platinum Test Drive Review



International editor

I was particularly excited when I heard I'd be driving the Toyota Crown. The Crown nameplate dates back to the mid 1950's where it began as a mid-size luxury sedan. My father told me stories growing up of how back in the 60's when he was a child growing up in Mauritius, wealthy businessmen would have drivers that used Toyota Crowns, as the vehicle of choice. He would occasionally muster up enough change to be able to ride in one. However for myself, the Toyota's Crown nameplate had long vanished from the U.S. (circa 1973) market by the time I was growing up, so the first time I was able to ride in one, was in Japan where many are still used as taxi's

But as of 2023, the Crown has made a comeback. But now not just as any sedan; but as a hybrid, designed to compete with SUVs. With a lifted stance and a sleeker body, the 2023 Toyota Crown Platinum aims to be sporty, luxurious, and practical. But does it succeed in these ambitions?

Performance and Drive

The Platinum model is the performance variant of the Crown lineup. It boasts more power, a six-speed automatic transmission, and a trim-specific adaptive suspension. All Crown models come with a hybrid all-wheel-drive system, but the Platinum stands out with its 2.4-liter turbo Hybrid Max setup, producing 104 hp more than the base powertrain. However, when compared to rivals like the

continued on page 10

Honda CRV A



Sally Hanson editor

America's best-selling Crossover Utility Vehicle (CUV) since its launch in 1997 and Honda's best-selling vehicle since 2017, this year's sixth generation CR-V line-up was further enhanced by the addition of the Hybrid All-Wheel-Drive Sport Touring model.

The completely redesigned CR-V offers bold styling on the exterior, increased performance, and more space and comfort inside the vehicle. Honda's new hybrid models feature a new hybrid system for a sportier driving experience. My drive in the CR-V Hybrid AWD Sport Touring edition included a round trip from Seattle over the Cascade mountain pass to the Columbia basin in Eastern Washington. I was hoping to encounter slushy roads in the pass to feel the all-wheel-drive system work its magic, but heavy rain was all I got! My return trip to the wetlands was met by blinding rain where I was able to experience the stability of the CR-V on the road as well as the ease of operating all controls in adverse weather conditions.

continued on page 10

2024 Corvette Sporty Hybrid E-Ray Test Drive Review Test Drive Review



LA feature writer

In July 2019, Chevrolet revealed one of the worst-kept secrets in the auto industry at the time: the eighth-generation Corvette would be a mid-engine design. A more balanced sports car was the main goal, but executives admitted way back then that the layout would also prepare the iconic two-seater for electrification.

The first phase of that evolution is now here. The 2024 Corvette E-Ray joins the ranks of gas-electric hybrid vehicles like, strangely, the Toyota Prius. The conventional Corvette's 495 horsepower V8 drives the rear wheels, but up front, a 160 horsepower electric motor turns the fronts. Yes, this new Vette is all-wheel drive.

And with that extra power and traction, head-rush acceleration. This is the quickest Corvette ever produced, with a claimed 0-60 time of 2.5 seconds. I fully believed that after mashing the throttle on a freeway on-ramp from a slow roll. I literally had to catch my breath for a moment as I backed off to smoothly merge into the flow of traffic. The E-Ray is a serious performer.

F-150 Raptor **Built to Tackle Tough Terrain**



SF feature writer

There's an old saying in the automotive racing world: "What wins on Sunday sells on Monday." That could also be true for the trucks that tackle the famous Baja 1000, the torturous desert endurance race that tests the durability, speed and agility of the world's toughest vehicles, if not for the fact that desert racers are typically highly customized one-of-a kind monsters.

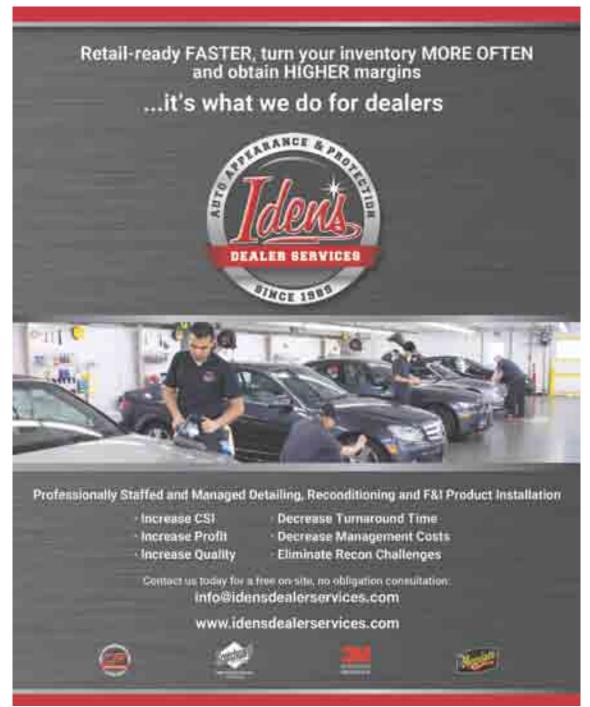
That's what makes the 2023 Ford F-150 Raptor R so special. It's a full-sized F-150, with all the luxurious bells and whistles of today's best-selling pickup truck, combined with all the power and ruggedness to tackle even the harshest terrain. It's available today, tricked-out and ready to ride, from your friendly neighborhood Ford dealer.

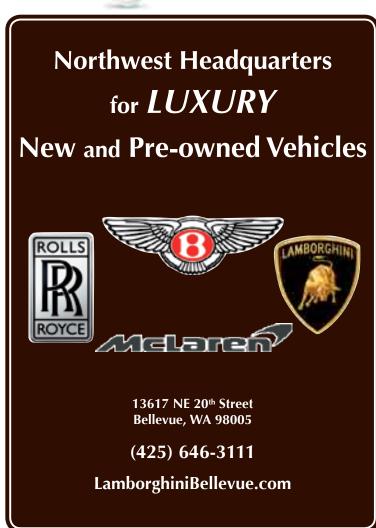
Powered by a new 5.2-liter supercharged V-8 engine that cranks out 700 horsepower and 640 lb.-ft. of torque, the F-150 Raptor R's engine could previously be found in the Mustang Shelby GT500, but now is built into a truck that is inspired by

continued on page 6











Innovative Wind & Solar Tower Debuts Joins Auto News at Detroit Auto Show as Feature Writer



Jim Trainor LA feature writer

Emission-Free Electricity from Both Wind and Sun Can Charge EVs and Hybrids at **Almost Any Location and** Time

The world's only hybrid power station "fueled" solely by a combination of wind and sun, the internationally-patented Wind & Solar Tower (WST), will be on display for the first time during this year's North American International Auto Show in Detroit. The automated 1:18 scale model will demonstrate how clean, offgrid power can charge electric vehicles in a way that is cleaner and more efficient than anything presently available. A full-sized Tower operated seamlessly and flawlessly for five years, even surviving two hurricanes.

The Tower will be a featured attraction at the Plug and Play Startup Arena at Automobili-D in conjunction with this year's show from Sept. 13 - 15.

"The Detroit Auto Show is one of the most influential annual automotive events in the world

continued on page 5



Connie Peters



Connie Peters feature 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

(See Page 16 Story)

Chevrolet **Colorado Test Drive Review**



Howard Elmer truck writer

Every once in a long while release dates for a new class of trucks lines up. This year that class is midsize pickup trucks. For 2023 the GM Twins, Colorado and Canyon are new. Also, the new Ford Ranger is coming this late this year. From Toyota we will also see new Tacoma, though it will probably be released in '24. Of these trucks the Chevrolet Colorado is first out of the gate and I recently had a chance to drive it down in California.

Last updated in 2015, there are significant changes to this mid-sizer, starting with engine choices. There is only one – the 2.7L turbo I-4. The V6 and small diesel option is no more. The 2.7L is matched to a second-generation 8-speed automatic transmission. Despite there being only one engine, it is available in three different outputs.

Output Variant: 2.7L Turbo Horsepower: 237 Torque (lb.-ft.) 259 Max Trailering4: 3,500 lbs. Availability: Standard: WT & LT Output Variant: 2.7L Turbo Plus

continued on page 6



Happy Holidays, Millennials



Jordan Williams millennial writer

Are you in the market to buy a car, but have been bummed because car costs —and interest rates— have risen, as you find overall inventory is low, i.e. dealers are not offering any great deals?!

Don't stress!

Enjoy a wonderful Thanksgiving with your family and family of friends and then hit December running... as December is the best month to purchase a new car, specifically December 24th and December 31st.

According to www.marketwatch.com.

"December is the cheapest month to buy a car because that's when car dealerships are clearing their inventory to make room for next year. It's also when car salespeople are competing to meet their yearly, quarterly and monthly quotas"

Go get 'em! I hope you enjoy your new car as much as I have been enjoying mine...

And again, Happy Holidays to my fellow Millennials, and all!

See you in the New Year!



How I Became



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, and fall

The 1955 Ford Thunderbird was the brainchild of George

continued on page 21







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Ford's F-150

Short Bed

Regular Cab

Harold Allen

Texas feature writer

Looking for a truck that is fun

to drive and yet won't break the

bank? Well, look at a Ford F-150

Short Bed Regular Cab. But find-

ing a well-equipped regular cab

short bed is a challenge. Most are

ordered as bare-bones working

class models, with lots of plastic,

Naugahyde seats and little equip-

ment. They're inevitably white in

color, with little more than tires

and a steering wheel. The search

for mine was long, but inevitably

worth it; I found this truck about

with the 5.0L V-8 engine and a

10-speed transmission. This option

gives you good towing ability, and

adding the available tow pack-

age is a real plus. Mileage yields

20 mpg combined and 25 mpg

on the highway; however, I have

achieved better than both numbers

a blend of white and gray. The

interior is a cloth slate; I feel in

extreme temperature conditions

cloth is a better choice. The 301A

continued on page 8

The color is called Avalanche,

in my everyday use.

The biggest plus is getting one

100 miles from my house.

The Balancing Act in the **EV Transition**



Larry Weitzman EV specialist

One aspect of being an American is the right to choose and that right is in serious jeopardy. In other parts of the world, there is no protection from government intervention in your life which our United States Constitution affords its citizens. The writers of the Constitution intent were to limit the powers of government. No other country in the world has these protections as evidenced by recent edicts, mandates and fiats issued by the governments of China, Norway, Netherlands, Canada and most of the rest of Europe.

What's at stake is your freedom of movement and personal transportation as California (with at least 15 other states to follow by legislation enacted that is triggered by California) has banned the sale of new petroleum powered vehicles by 2035, under the guise (or lie) of saving the planet from global warming. As I wrote 26 years ago, global warming isn't about saving the planet, it is about big brother government control of

continued on page 7





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

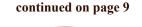
continued on page 19













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



Scot McCallum feature writer

This is a story about an amaz-

ing 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 suspen-

sion 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

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

the U.S.

entertainment editor The Monaco Grand Prix is one

Joyce Chow

Monaco Grand

Prix 2023

Report

the most famous legendary grand prix locations in the world. Positioned during the second week of the Festival de Cannes Film Festival in Cannes, France, fans and the jet set come solely for racing and events around them during a French Riviera summer. While all eyes are on Formula

1, there's Porsche Mobil 1 Supercup which holds its eight rounds per season as part of Formula 1 events. Monaco is the jewel of the circuit, it is one of the courses that drivers want to drive during their lifetime. If you're a brand, it's a stepping stone to F1.

It was a maze getting to the paddock as we ran between raindrops through the streets and varying levels of Monaco, which was confusing to the mobile GPS directing us. We were finally arriving at the Porsche paddock. The cars were fresh from the racetrack. Circling around, you could still see the drivers in the background visiting with people in the paddock and watching the

features came in handy parking continued on page 12



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Is It Time To Visit New Power Sources?

continued from page 3

and a showcase for emerging technologies like The Wind & Solar Tower," said the inventor of The Tower, Jim Bardia. "With its vertical axis wind turbine, "frictionless" levitation hub, and self-cleaning/self cooling solar panel, The Tower generates prodigious electrical output on a small footprint, making it a compelling addition to EV-charging choices.

Can operate independent of grid

"The Wind & Solar Tower is more than merely an EV-charging device simply linked to today's electric charging grid; it goes beyond because unlike all other charging systems, it can function independent of the grid or be supplemented by the grid.

"The U.S. electric grid needs strengthening because it is being asked to deliver far more energy than ever before," Bardia explains, "but we can't be spending billions of dollars to build additional power plants that will increase pollution by burning more fossil fuels."

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. A study by the Pacific Northwest National Laboratory determined that 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 present 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."

Tomm Scalera 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 commercial-scale Towers are for charging when motorists 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 buildings, apartment com-

plexes, at car dealerships or just about anywhere one would take a car or truck. Further, since electricity from the vehicle being charged comes from overhead cords, the charging handle never comes in contact with the ground, thus eliminating breakage of the charging head, a common problem afflicting traditional charging units.

Wind & Solar Towers employ a vertical axis wind turbine continued on page 6



The Wind & Solar Tower™ can easily charge six EVs at a time.

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 customization 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 monetization opportunities of their own.

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 Car-Play when the end users love their alternative solution", concludes Blackie.

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

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Cam Clark Auto Group Acquires Evergreen Ford, Lincoln, Chevrolet

by Tony Rehn

Cam Clark Automotive Group has arrived on the scene in the Northwest with a bang.

Recent US acquisitions include Santa Monica Ford Lincoln, Clark Nissan, Clark Hyundai in California and Montana. These have joined the 11 successful stores in British Columbia and Alberta. They most recently made a big splash acquiring PNW icon stores Evergreen Ford Lincoln and Evergreen Chevrolet. With that, and formal plans to construct the newest Fouchee built, state of the art, twin silo, completely electrified Trustmark Ford and Lincoln Facility, they are clearly here to stay and will create a lasting impact on the Issaquah Valley economy.

Now with a solid base of 10 Ford Franchises, CDJR, Chevrolet, and numerous import stores, Cam Clark is looking to grow.

As we all know, its people first in this industry. We know what teamwork is all about. We are committed to your career growth first and foremost. The old saying of 'we will help you get what you want' as we know that is how we get what we want.

After 20+years with Evergreen Auto Group this is the most exciting opportunity to grow with a clear community focused team. From day one, the Cam Clark vision has been to serve the local market with transparency, honesty and integrity with every action we take, and word we speak.

When or if you are considering a career change, no matter what your current level of automotive experience, we need to meet. This is the best ground floor growth opportunity in a family orientated group on this side of North America.



The New Evergreen Ford and Lincoln ... and more to come!



Chevrolet Colorado Test Drive Review

continued from page 3 Horsepower: 310

Torque (lb.-ft.) 390 Max Trailering4: 7,700 lbs. Availability: Standard: Z71 & Trail Boss

Available: WT & LT Output Variant: 2.7L Turbo **High-Output**

Horsepower: 310 Torque (lb.-ft.) 430 Max Trailering4: 7,700 lbs. Availability: Standard: ZR2 (with a max trailering of 6,000 lbs)

This engine strategy (one engine, three outputs rather than

three separate engines) is just one example of a production streamlining I noted in the new Colorado. Another example, that was instantly obvious, was the 11.3inch center stack screen. This single screen comes in every version of the Colorado; from WT to top-of-the line ZR2. So rather than changing up screens based on trim level – a single screen makes production easier. In fact, throughout the truck, I noted items that were common on all trims. In conversations with engineers on site I hypnotized that the pandemic shortages and shipping issues caused them to review how and where they sourced parts from. The response was yes, to keep the lines running without interruption they had eliminated potential bottlenecks by limiting the number of build variations. Another big change is a move to a single chassis model - crew cab, short box model. Whatever you order, that's the body your truck will be built on. All these changes add up to a simpler build in the factory - which, (hopefully) also continued on page 7



Chevrolet Colorado (photo Howard Elmer)

Ford F-150 Raptor Built to Tackle Tough Terrain

continued from page 2

the extreme desert-racing trophy trucks that compete in the Baja 1000. Adding to the desert-rated durability are FOX Live Valve shocks, standard 37-inch tires and class-leading 13.1 inches of ground clearance.

The styling of the F-150 Raptor R is so unique that it is sure to turn heads everywhere it travels. Accented with the Raptor R's "Code Orange" coloring and bold graphics, the truck features a larger, more aggressively styled

power dome on the hood that sits nearly an inch above the standard Raptor, along with black bumpers and fender flares to add to the truck's rugged appearance.

The unique Raptor design continues inside the cab with standard Recaro seats of black and leather Alcantara suede, and carbon fiber accents on the doors, media bin and instrument panel to help fortify the Raptor's tough and ready theme.

For off-roading, the Raptor R

features technology designed to tackle even the toughest terrain. Trail Turn Assist gives drivers a shrunken turning radius in tight places and Trail-Control acts like cruise control for offroading, automatically handling throttle and braking while the driver steers. Trail 1-Pedal Drive allows drivers to control throttle and braking with just one pedal to make extreme rock crawling

Of course, the truck features

the full suite of F-150 design and technology, including a huge 12-inch touchscreen, wireless Apple CarPlay and Android Auto compatibility, and the Ford SYNCH system that allows for over-the-air updates when needed. The power-fold shifter makes room for a fold-out center table between drive and passenger to accommodate lap tops, clipboards or lunch while parked. The underseat storage in the back seats of the SuperCrew cab are perfect

for storage of items that need to be kept out of sight until needed.

A 36-gallon fuel tank provides long-range fuel capability, something that is necessary when tackling trails in a truck that gets 13 mpg in combined city and highway driving.

All of these specialized desertracing accessories come at a price. The base price for the 2023 Ford F-150 Raptor R 4X4 SuperCrew is \$75,775, while the Raptor Equipment Group option package adds \$31,575, plus power moonroof and tailgate to total our tester out at \$111,935

Whether it be racing on weekends or riding around town, the Ford F-150 Raptor R is ready to roll.

For a full video review of the Ford F-150 Raptor R, visit Carguy Drives channel on You-Tube.



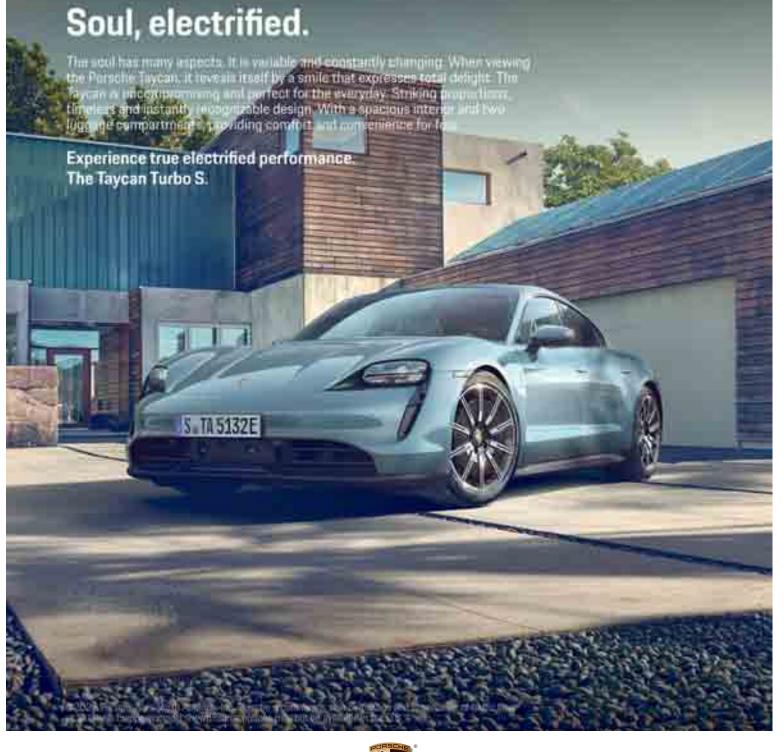
continued from page 5

(catches wind from all directions) that has a "frictionless" levitation hub. Topping the airfoil blades is a large rotating circular solar panel that is ultraefficient because it is self-cleaning, thus eliminating dust, soil and bird droppings to maximize 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. Up to a megawatt of battery storage can be integrated. Not only is charging fast and powerful, but the owner of a Tower doesn't pay for electricity, thus eliminating a major cost of conventional units.

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

To learn more, visit: windandsolartower.com/aboutthe-tower







TRAVEL the U.S.

Time to Start Traveling "Again"

TRAVEL the WORLD

The Balancing Act in the | Chevrolet Transition to EV's!

continued from page 4

the population, including controlling their movement and where people live.

Another, similar name for global warming is "the Martians are coming." The fear created has the same purpose.

EVs are expensive and getting more expensive as the price of battery components such as lithium, cobalt, copper, nickel and other rare earth elements continue to climb and that's with making about 5,000,000 batteries a year worldwide. Wait until there is a demand for 100,000,000 batteries annually, if that is even possible. As I have also written for the last ten years, the claimed five percent a year improvement in battery technology hasn't materialized and it never will. Without the discovery of "Unobtainium," battery technology will remain at a standstill as it was ten years ago. And battery costs have already gone up 25 percent from 2021 to 2022 and it is going to get worse.

California has nearly two million new car sales a year and by 2026, nearly 750,000 of those sales will be required to be electric which is more than all new EV sold in the United States just last year. You think electricity is expensive now, just wait until 2026.

In Norway, because of government fiats removing consumer choice in automobile purchases, EVs are 90 percent of the market, but Norwegians are finding out they have shot themselves in the foot. Electricity in Norway, some-

what due to other green dictates, is a dollar per kWh, meaning an EV is more than twice as expensive to drive than an internal combustion engine (ICE) vehicle. In California new edicts say you can't charge your EV between 4 pm and 9 pm. The grid can't handle the demand. Just wait until 2035, when electricity becomes a scarce commodity as the grid becomes more dependent on unreliable wind and solar. Without natural gas, coal and nuclear to generate electricity, we are dooming ourselves to third world status. Can you say rationing?

There is a small loophole in the California rule which may help some people and that is plug in hybrids with a 50-mile EV range can make up 20 percent of the new car sales mix. It is a shame that Chevy (GM) discontinued the Volt PHEV as it was a terrific vehicle with absolutely no range anxiety. It was a great answer and perhaps the least expensive of all vehicles to operate, while providing exceptional performance.
A new EV "competitor" is

now marketing the Lucid Air, an ultra-performance EV that costs anywhere from about \$100,000 to over \$200,000 depending on battery size and performance. It claims to be the longest-range EV with an EPA rated 500 miles. But real range is about 20-25 percent less and recharging time at the highest-powered supercharger is still almost an hour as the battery is a huge 118 kWh. The vehicle weighs in at nearly 5,300 pounds with the battery topping 1,200 pounds.

Colorado Test Drive Review

by Howard Elmer

continued from page 6

keeps costs and wait times in check.

The 2023 Colorado lineup is re-engineered with three distinct chassis setups for everyday tasks and off-road adventures:

Standard: WT, LT and Z71 trims 2-inch Factory-Lifted, Wide Stance: Trail Boss

High-Performance 3-inch Factory-Installed Lift & Wide Stance: ZR2

All models are built on a new chassis that gives the 2023 Colorado a 3.1-inch-longer wheelbase than the current Crew Cab/ short box model. A shortened front overhang contributes to a more aggressive stance and significantly improves the truck's approach angle.

Within the trim packages there is also a shift. First, the Trail Boss version is built off the work truck trim - this makes for a much more affordable, yet distinctly competent off-roader. In fact, I expect this will be the meat of the market. The Z71, which has long been considered Chevy's mainline off-roader has migrated to a milder, luxury package. Now at the top of the ladder is the ZR2; a legit dirt brawler that will cost you - with all the expensive addons like a 3-inch lifted suspension and upgraded Multimatic DSSV dampers.

The interior on the Colorado has been fully updated. A common layout runs through each trim model which I found made the WT nicer than before, while the upscale Z71 adds just enough to the interior appointments to set it apart. As you'll see in the photos the sheet metal has also been bent to create an angrier look on the Colorado. It's a striking design and certainly attracts attention. In fact, this seems to be the current trend – though I'm sure why every new truck needs to looked pissed off.

New and Enhanced Electronic Technologies include Colorado's new 11.3-inch-diagonal infotainment screen is the gateway to new and innovative technologies especially when trailering or driving off-road.

Other features:

Customizable and configurable

Segment-first available Google built-in. With Google Assistant, Google Maps and Google Play you get access to hands-free communications, live traffic updates and more.

All-new Off-Road Performance Display: an available app that monitors real-time off-road performance with different readouts for Overlanding (altitude and GPS guidance), Terrain (pitch, roll and tire pressure) and Baja (g-force, wheel slip indicator and transfer case status) driving situations

Up to 10 camera views accessible on the infotainment screen including a segment-first available underbody camera on Z71



Chevrolet Colorado (photo Howard Elmer)





Bring A Trailer and Pennzoil Partner to | Ford F-150 Test **Deliver Enhanced Content, Incentives** and Exclusive Experiences

Joint initiatives will focus on enhancing the experience of the companies' respective enthusiast **Communities**

Automotive auction platform and enthusiast community Bring a Trailer (BaT) is partnering with leading global lubricant brand Pennzoil on several collaborative projects.

Both companies bring a shared passion for enthusiast vehicles and the indelible experiences enjoyed by their drivers. BaT, with its actively engaged community of buyers and sellers, and Pennzoil, through its Long May We Drive campaign, aim to enhance the BaT user experience as well as provide Pennzoil application expertise, brand engagement, and other opportunities for the companies' respective audiences.

Both companies will benefit from the relationship through a wide array of activation elements, including collaborative content, a dedicated page on BringaTrailer. com, co-promotion of the brands, educational elements, giveaways, charity auctions for exclusive experiences, and more.

"Bring a Trailer is all about connecting enthusiasts with the cars of their dreams regardless of era or category. This creates a natural synergy with our Pennzoil Long May We Drive initiative, which celebrates cars, the inspired lives they help us lead and is our pledge to help keep every engine protected," said Andrea Bottini, Marketing Manager for Pennzoil. "Since 1913, Pennzoil has led the way in pioneering motor oils, and we're thrilled to partner with Bring a Trailer to support their community for an unbeatable driving experience, so all drivers can ignite their passions."

"Pennzoil was built on innovation, protection and quality, all attributes valued by our community of automotive enthusiasts," said Randy Nonnenberg, Cofounder and President of Bring a Trailer. "We look forward to working with them to introduce programs that will enhance the experience of fans of both brands in the coming months."

The collaboration brings together two of the most trusted companies in their respective industries: Pennzoil, one of the leading global providers of oils and lubricants, and Bring a Trailer, which reinvented the collector and enthusiast vehicle auction industry with unmatched transparency and a highly engaged community of over one million users.

For more information, visit the Bring a Trailer Pennzoil page at: http://bringatrailer.com/pennzoil/ About Bring a Trailer

Bring a Trailer (BaT) is a digital auction platform and enthusiast community founded in 2007 to connect buyers and sellers of

classic, collector and enthusiast vehicles. BaT curates vehicles submitted by sellers and helps them craft transparent auction listings that present the vehicles as they are — without superlatives or dubious used-car-lot language. At the end of a successful auction, BaT connects the seller and buyer so they can work together to complete the transaction. BaT's knowledgeable community of more than 1,000,000 registered users vet each listing so potential buyers can bid with confidence. BaT auctions are listed at a flat rate, starting at just \$99 with a sell-through rate of 83%. Bring a Trailer Shipping is the company's fully integrated vehicle transport service, available for both BaT auction listings and private vehicles in the contiguous 48 U.S. states. For more information, visit www.bringatrailer.com. About Pennzoil

Innovating since 1913, Pennzoil is passionate about driving the future and relentlessly works to help transform the motor oil category. Pennzoil Synthetic motor oil gives you unsurpassed engine protection.

Pennzoil is the most trusted motor oil brand in America and is backed by our 500,000-mile Pennzoil Lubrication Limited Warrantv.

For more information about the full line of Pennzoil lubricating products, motor oils and filters, please visit www.pennzoil.com.

Drive Review by Harold Allen



Ford F-150 (photo Harold Allen)

continued from page 4

package adds an 8-way power seat, electronic AC temperature control for both driver and passenger, Sync 4TM with enhanced voice recognition and Sirius XM 360LTM. The engine option costs \$2,335.00. The trailer tow package is an additional \$1,325.00, while a camera with 360-degree view adds \$765.00. The camera is a great idea for trailering, especially at the campsite.

Functional standard items are plentiful with a dash that tells you everything you will ever need to know, from tire pressure to mpg info, and includes BLIS cross traffic alert, keyless entry, postcollision braking with pre-collision assist W/AEB, rear camera view and Ford Pass Connect with 4 GTM. The sound system and navigation are enhanced with a large screen, and it comes with Apple CarPlay.

Driving is a breeze and good overall performance is outstanding. And worth a mention: You are not breaking the bank. Out-the-door this truck was \$47,335,00 plus the usual dealer adds, which included heavily tinted windows, a spray-in bed liner and all-weather floor mats.

One other thing of note, especially with the approach of winter: This regular cab short bed pickup will fit in your garage. And in Texas, where next spring you can count on hail damage, it is a blessing.

Keep in mind that lots of trucks on the market are spiraling to \$100K today. Keep in mind that lots of trucks on the market are spiraling to \$100K today. This is a great truck, unless - of course you need to haul more passengers in your everyday use. For this person – and my personal use – it is outstanding

INSIDE CHINA AUTO NEWS BYTES

by Bill McCallum

Auto Aftermarket Guangzhou 2023 closes, witnessing a significant jump in industry participation

The 8th edition of Auto Aftermarket Guangzhou (AAG) concluded on 13 October 2023 at the Poly World Trade Expo Center (PWTC Expo) in Guangzhou, with an increase in both exhibitor and visitor numbers. This year's fair fully embraced the development of the Guangdong-Hong Kong-Macao Greater Bay Area, showcasing the latest advancements in the region's automotive industry. Throughout the three-day show, the enhanced fringe programme successfully fostered connections between various sectors of the automotive industry and other related industries.

Key figures of Auto Aftermarket Guangzhou 2023:

1,035 exhibitors (69.7% growth)

50,000 sqm across four exhibition halls

31,329 visitors from 57 countries and regions (44.5% increase)

30 fringe events

Mr Xia Wendi, Chairman of China National Machinery Industry International Co Ltd remarked: "China has been the global leader in car sales for an impressive 13 years, presenting both opportunities and challenges for the country's auto aftermarket. Since its inaugural edition in 2015, AAG has become a highly influential exhibition dedicated to South China's automotive aftermarket. In recent years, the show has actively embraced the prosperity of the Greater Bay Area, serving as a comprehensive platform for product showcases, technological exchange, and information sharing. In doing so, AAG effectively promotes the advancement of China's auto industry, aligning with the national strategy of the Great Bay Area."

Mr Jason Cao, Principal Consultant of Messe Frankfurt (Shanghai) Co Ltd, expressed his delight in witnessing a significant growth in both exhibitor and visitor numbers. "The accomplishment not only signifies the creativity and vitality of China's car market, driven by supportive policies, but also represents a milestone as the exhibition leveraged the industry resources of its two organisers." Mr Cao added: "I believe that as the industry continues to evolve, AAG will continue to shoulder a responsibility of fostering the expansion of the automobile industry in South China and the Greater Bay Area. We are committed to offering a high-quality business platform, catering to the growing demand for personalised, intelligent and diversifying product needs within the auto industry.'

Auto Aftermarket Guangzhou (AAG) is jointly organised by Messe Frankfurt (Shanghai) Co Ltd and China National Machinery Industry International Co Ltd. The next edition of the show is set to be held from 28 to 30 August 2024.

For more information, please contact Messe Frankfurt (HK) Ltd on +852 2802 7728, visit www.aag.org.cn, or email auto@hongkong.messefrankfurt.

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 Nguven 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 Ouan, a local sales representative from Ctv 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.

Harold Allen TAWA and MPG Member

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





International Auto News



Monaco Grand Prix continued from page 4

deconstructing of the cars post

I had been waiting for this moment after hearing about it for months and months, a blue and white Porsche with red accents with an Arabian camel on top of the car. An actual Arabian camel, the graphic representing Alexander Amartei's epic movie "Antara", a swords-and-sandal movie which is to be filmed in Saudi Arabia's Neom, a proposed \$500 billion mega city. The Arabian camel represents a NFT, non-fungible token, which helped launch this \$50 million movie. Stay tuned for updates for access to drivers and racers.

In addition to "Antara" producer Alexander Amartei, our tribe included Kelly Gass, San Marco Capital Partners and Ellen Quirk, Hiba Technologies with many talks of reviving women's F1 racing midst squeezing in

Enjoying F1 in Monaco is icing on the cake of a European vacation. While the jet set is plenty, enjoying F1 can be done by someone taking the train over and walking the streets or buying a 25 Euro ticket to an area or someone's condo balcony view. The ultimate experience besides someone's private yacht party is a suite at the Fairmont overlooking the Fairmont Hairpin Turn or the Monaco Yacht Club.

Until next May and the Monaco Grand Prix, F1 excitement will be taking over Las Vegas Strip mid November for the very first time and what happens in Vegas may not stay in Vegas.

Historic Porsche 911 **Coupé Leads** 10th Anniversary **Bond Street Sale**

The 1965 Porsche is the first righthand drive example built

Bonhams|Cars celebrated its 10th anniversary Bond Street Sale in December. A mainstay of the auction calendar, Bonhams|Cars has successfully presented a range of collector cars spanning all eras from Victorian motor cars to 21st century supercars over the past 10 years at the Bonhams London saleroom on New Bond Street. Over 30 cars will be offered in this year's sale, headlined by an important and historic 1965 Porsche 911 Coupé which is the first right-hand drive example built. It will be offered at

an estimate of £300,000 – 500,000. Built in Porsche's experimental division rather than on the Stuttgart production line, the Porsche was delivered new to the UK for dealer training and testing pending the arrival of the first 'customer' cars later in 1965. Its impeccable provenance, presented in a comprehensive history file, shows previous ownership by racing driver Charles Lucas and fellow racer 'Willie'

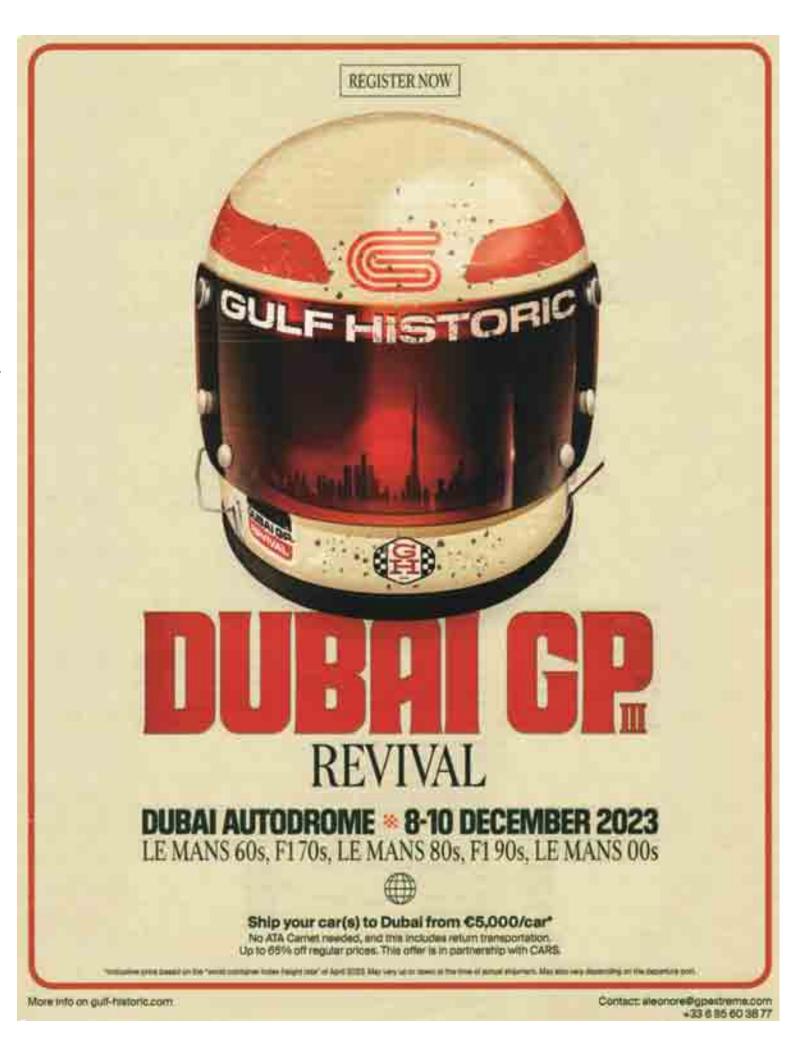
Boasting matching numbers and beautifully presented in its Bali Blue exterior, this car has been subject to a feature in Classic Porsche Magazine (November/ continued on page 14



Joyce Chow in Porsche Mobil 1 Supercup race car in the Porsche Paddock at the Monaco Grand Prix 2023.



Alexander Amartei, Kelly Gass, Joyce Chow, Ellen Quirk in the Porsche Paddock at the Monaco Grand Prix 2023.





Around the Track – Racing News



All-New Toyota Prius Hybrid Tours Monterey

My recent test drive of the all-new Toyota Prius during Monterey "Car Week" generated some interesting comments like: Wow, I like your car, who makes it? How long has Toyota been making the Prius?

If the Prius gets 52 mpg and offers a plug-in model why would anyone buy an EV? (see PHOTO on front page)

The 2023 Toyota Prius offers an all-new design, is priced at \$34,465 (as driven), and offers 7 Safety & Convenience features including Blind Spot Monitoring w/Rear Cross-Traffic Alert. The 2023 Toyota Prius deserves a "test drive". (photo below)

A Sporty Hybrid Makes Its Debut in Honda's CR-Vs New Line-Up

by Sally Hanson, Editor

continued from page 2

The hybrid power train consists of a two-motor hybrid system with a 2.0-liter DOHC 16 valve with Intelligent Variable Valve Timing and Lift Electronic Control (iVTEC) inline 4 cylinder engine delivering 204 horsepower and is paired with a continuously variable transmission (CVT). The CR-V hybrid offered ample power on the highway as well as excellent maneuverability on city streets. The EPA fuel economy is 37 mpg average with 40 mpg in the city and 34 mpg on highways.

The sporty exterior styling of the new CR-V includes a bold gloss black honeycomb front grille and grille bar with sport stainless steel dual finishers under the grille and in the rear around the dual exhaust. 19-inch black alloy wheels with 235/55 all season tires made the Canyon River Blue Metallic color CR-V that I drove an attractive CUV. Sport gloss black door mirrors, roof rails, and rear spoiler trim are also part of the sport package.

The wheelbase of the new CR-V is 1.6 inches longer than the previous model making the overall length of the vehicle about 4 inches longer. The width has added just a half an inch. The ground clearance in the sport touring model is 8.2 inches. These figures make the classification of the CR-V more of a Comfortable Runabout Vehicle than a Compact Recreational Vehicle.

The interior of the CR-V is quieter and more comfortable than its predecessor. It features the most cabin and cargo space in the model's history. It has 33.2 cubic feet of cargo space with the rear seats up and 69.7 cubic feet with the rear seats down.

The rear seating reclines as well as offering a fold down 60/40 split seat. Leather trimmed seats with orange stitching are an attractive addition. The nine-inch color touch screen is my favorite interior enhancement. It is simple to navigate and offers great visibility with rear view camera activation.

The Honda CR-V has an even brighter future ahead with the production of an all-new hydrogen fuel cell electric vehicle (FCEV) based on the all-new Honda CR-V starting in 2024 in Maryville, Ohio. The new CR-V-based FCEV will mark North America's first production vehicle to combine a plug-in feature with FCEV technology in one model, which enables the driver to charge the onboard battery to deliver EV driving around town with the flexibility of fast hydrogen refueling for longer trips.

This zero-emissions vehicle will contribute to Hondas previously announced goal to make battery-electric vehicles (BEVs) and FCEVs represent 100% of its global auto sales by mid twentyfirst century.



Honda's CR-V Hybrid All Wheel Drive Sport Touring is part of the completely redesigned sixth generation CR-V and is parked by the Mukilteo Lighthouse.

Denise (Team Auto News) with All-New Toyota Prius Hybrid during Monterey Car Week (photo Auto News)

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2024 Toyota Crown "Test Drive"

continued from page 2

Volkswagen Arteon SEL Premium AWD, the Crown Platinum lags in speed tests. Yet, for everyday driving, the Crown offers a robust performance, especially in its Sport+ mode, which provides a confident and neutral driving experience.

Design and Comfort

The Crown Platinum's design is unique, combining the aesthetics of a sedan with the feel of an SUV. Inside, the car offers ample space, with more headroom and legroom than some of its competitors. The interior materials are of high quality, with the Platinum trim featuring standard leather. The 12.3-inch digital gauge cluster and central touchscreen are appropriately sized for the interior, and the vertical phone charger in the center console is a thoughtful touch.

Fuel Efficiency and Practicality One of the main selling points

of the Crown is its fuel efficiency. While the Platinum model isn't the most efficient in the Crown lineup, it still leads its class in fuel economy. The car's spacious design, combined with features like a heated steering wheel, rear seats, and an 11-speaker JBL premium sound system, make it a comfortable and practical choice for daily use.

Conclusion

The 2023 Toyota Crown Platinum is a unique offering in the market, blending the characteristics of a sedan with the advantages of an SUV. While it might not be the sportiest or the most luxurious car in its price range, it offers a distinctive look, impressive fuel efficiency, and a comfortable ride. The real question remains: Will sedan enthusiasts and potential SUV buyers be drawn to the Crown's unique proposition?



All-New Toyota Crown (photo Auto News)



Doug's Auto Group Doug's Hyundai Dealership

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From Around the U.S.



ARoad Trip To Winthrop by Scot McCallum



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 Winthrop which AAA has called "a hidden gem." For avid golfers, you might

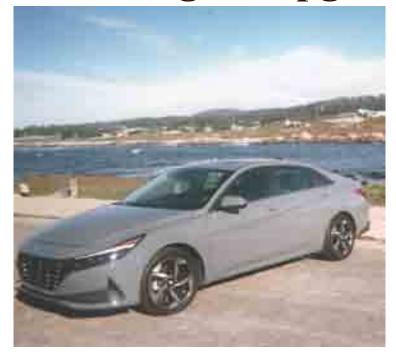
be familiar with Desert Canyon and Gamble Sands – two amazing golf experiences in eastern Washington. On your next golf outing, you must stop and play Bear Creek golf course which has spectacular mountain views from multiple tee boxes. It is a par 72 full size course with three challenging par four holes. 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 Ground keepers. 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.

Hyundai Elantra HEV Ltd. Tours Monterey During "Car Week" Delivering 52 mpg



HyundaiElantraHEVHybridduringMontereyTestDriveReview (photo Auto News)

by Bill McCallum

Enjoy your trip!

The all-new 2023 Hyundai Elantra HEV Hybrid Ltd I recently drove during a road trip from Monterey, CA to Las Vegas and back, averaged 52 mpg. on the highway. The advanced design of the Elantra lineup created over two decades ago has produced a "top-seller" with in the Hyundai brand and the value of the Hyundai brand has risen 18 percent during 2023 according to a recent story.

The MSRP of my test drive vehicle was \$30,305.00 (as driven). The Hyundai Elantra HEV Ltd. is powered with a 1.6L 4-Cyl. engine mated with a 6-speed Dual Clutch AT.

Hyundai has developed a more sophisticated infotainment system for the 2023 Elantra HEV Hybrid. Plus 10 advanced safety features.

The 2023 Hyundai Elantra HEV Hybrid definitely deserves a "test drive."

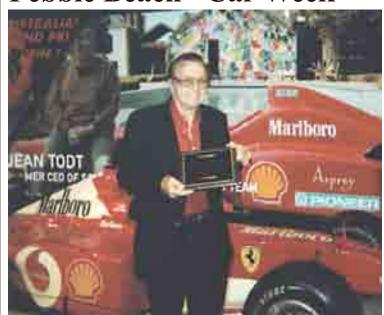
Pebble Beach Concours d'Elegance Scheduled for August 18, 2024 ! 2023 Award Winners Listed on Page 15 of This Issue !

Toyota Introduces It's TRD Line Up at SEMA Show



Brenda Garduno Garcia Toyota PR Person at 2023 SEMA Show (photo Auto News)

Frank Corrente Honored as a Legend at Monterey During Pebble Beach "Car Week"



Frank Corrente accepts Legends of Auto Award at RM Auctions (photo Auto News)



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Ford Mach-E **Test Drive Review**

by Chris Chung

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 IC cars.

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 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.



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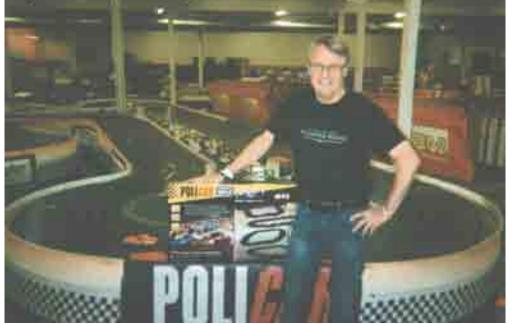
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Alan Smith, Scale Racing Center Owner, Demonstrates PoliCar Slot Car Starter Kit at his Center in Tacoma



Historic Porsche 911 Coupé Leads 10th Anniversary **Bond Street Sale**

continued from page 9

December 2013) and won 'The World's Favourite Sports Car 40 Years of the Porsche 911' at the Cartier 'Style et Luxe' concours at the Goodwood Festival of Speed.

Tim Schofield, Head of Bonhams |Cars UK Department, said: "This represents a rare chance to acquire a piece of Porsche's enduring legacy in the UK, being the first RHD 911 built, marking a historically significant chapter in the relationship between this iconic marque and British automotive enthusiasts."

The Bond Street Sale presented several other important models ready for UK drivers including:

- 1971 Ferrari 365 GTB/4 Daytona, estimate: £450,000-550,000. Previously owned by Lord Hesketh and Eric Clapton, this is one of only 36 right-hand-drive 'Plexiglas' cars built by Ferrari and imported into the UK.
- 1975 Porsche 930 (911 Turbo), estimate: £140,000-180,000. The fourth RHD example built.
- 1957 Porsche 356A GS Carrera, estimate: £450,000-500,000. Delivered new to Thailaid, this is one of only 287 1500cc Type 356 Carreras built between 1955 and 1958.

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SHOWCASE REVIEWS

2024 Acura MDX Type S



The Acura MDX Type S is a 4 door mid sized luxury SUV with 3 row seating. The top of the line MDX has helped Acura keep their share in the SUV market

BASE PRICE: \$73,500 * TYPE: 4 door SUV ENGINE: 23.0 Liter **Direct Injection HORSEPOWER:** 355 hp TRANS: 10 Speed AT MPG: 21 highway

Honda Civic Type R



The Honda Civic Type R gets the looks and "thumbs up" on the road. It looks like a hatch-back and drives like a sports car. It's priced right **BASE PRICE:** \$42,895 * TYPE: 4-door Hatchback **ENGINE:** 2.0 liter Direct Injection

HORSEPOWER: 315 hp TRANS: 6-Speed Manual MPG: 28 highway

2024 Hyundai Palisade XRT



This is the "big daddy" in the Hyundai family of SUV's Lots of room and more than enough power. Priced right for its size and function.

BASE PRICE: \$43,550 * TYPE: 4 door SUV **ENGINE:** 3.8 Liter V-6 HORSEPOWER: 291 hp TRANS: 8 speed AT w/ **Paddle Shifters** MPG: 24 highway

2024 Hyundai Santa Cruz XRT



The Hyundai Santa Cruz is a cross between a small SUV and a pickup truck. Fun to drive, popular, and gets the looks on the road.

BASE PRICE: \$39,850 * TYPE: Crew Cab **ENGINE:** 2.5 Liter Turbo HORSEPOWER: 251 hp TRANS: 8 speed w/ **Paddle Shifters** MPG: 27 highway

Toyota Sequoia TRD Pro Hybrid



The Toyota Sequoia is the top of the line in Toyota's family of SUV's. Good for road trips, soccer games and all around fun.

BASE PRICE: \$78,710 * TYPE: 4-door SUV **ENGINE:** i-Force MAX Twin Turbo V-6 Hybrid HORSEPOWER: 437 hp TRANS: 10 Speed AT MPG: 22 highway

2024 VW Atlas SEL R-Line



The VW Atlas keeps Volkswagen in the game in the competitive 3 row 4 door SUV segment. It has all the add-on's and is priced right for the market.

BASE PRICE: \$52,455 * TYPE: 4 door SUV **ENGINE:** 2.0 Liter Turbo DOHC 4 cyl HORSEPOWER: 269 hp TRANS: 8 Speed AT MPG: 25 highway

* All information listed "AS TESTED"

autonewsonline.com/showcase reviews



Car Collections



Mercedes-Benz 540K Named Best of Show at the 72nd Pebble Beach Concours d'Elegance

2023 Charitable Donations Surpass \$2.68 Million

A prewar Mercedes-Benz roadster that was first owned by the Shah of Afghanistan—one of just three similar cars surviving in the world today—was awarded the top prize at the 2023 Pebble Beach Concours d'Elegance.

This year, 216 cars from 18 countries and 30 states pulled onto the competition field of the Pebble Beach Concours d'Elegance, and the car named Best of Show was a 1937 Mercedes-Benz 540K Special Roadster presented by Jim Patterson of the Patterson Collection in Louisville, Kentucky. "This 540K balances strength with sweeping lines and style, and its history is definitely unique," said Concours Chairman Sandra Button. "In talking with Jim about this car, I was impressed by the time and thought invested in this restoration. Every piece of this beautiful Mercedes-Benz was researched so carefully to honor its history."

Prior to this win, the marques of Bugatti and Mercedes were tied with the most Best of Show wins at Pebble Beach. This win

mismust time sceed

puts Mercedes in the lead, with 10 wins in total.

"In Kentucky, you know, we talk about winning the Derby. Well, there's such a thing as winning the Triple Crown," said Jim Patterson. "And so I've won this Concours twice before today. This is a Triple Crown for me."

This year's race for Best of Show featured other strong contenders, including the Auriga Collection's 1930 Mercedes-Benz 710 SS Special Roadster, the 1932 Alfa Romeo 8C 2300 Corto Figoni Cabriolet shown care of Gregor Fisken, and the 1939 Delahaye 165 Figoni et Falaschi Cabriolet owned by the Peter Mullin Automotive Museum Foundation.

The competition got underway on Thursday when the majority of Concours entries participated in the 25th Pebble Beach Tour d'Elegance, which traces about 70 miles of scenic coastal roads. Entries that complete the Tour have the advantage if they tie in the Concours class competition.

The Pebble Beach Concours raised more than \$2.68 million for charity this year, bringing the event's total charitable donations to over \$37 million to date. Through the Pebble Beach Company Foundation, the primary charitable partner of the Concours, these funds will benefit more than 90 local charities, impacting the lives of more than 10,000 children

annually in Monterey County.

Gooding & Company, the official auction house of the Pebble Beach Concours d'Elegance, hosted its 19th sale at the venue, presenting its largest catalog to date and The top lot of the weekend was the unrestored 1962 Ferrari 250 GT SWB Berlinetta, which sold for \$9,465,000. The auction house also set a new world record for the Mercer marque with the sale of a 1914 Type 35-J Raceabout for \$4,790,000.

The 73rd Pebble Beach Concours d'Elegance will take place on Sunday, August 18, 2024, and will celebrate the marques of Packard and Maserati as well as the creations of Italian coachbuilder Pietro Frua-with more features to be announced in the early fall. For more information on the Pebble Beach Concours visit www. pebblebeachconcours.net.

2023 WINNERS

BEST OF SHOW

Collection, Louisville, Kentucky

BEST OF SHOW NOMINEES

1930 Mercedes-Benz 710 SS **Special Roadster** Auriga Collection, Germany

grossing over \$92 million in sales.

COMPLETE LIST OF

1937 Mercedes-Benz 540K **Special Roadster**

Jim Patterson/The Patterson

Alec Ulmann Trophy

1932 Alfa Romeo 8C 2300 Corto Figoni Cabriolet Care of Gregor Fisken, Private

Collection, London, United Kingdom

1939 Delahaye 165 Figoni et Falaschi Cabriolet Peter Mullin Automotive

Museum Foundation, Oxnard, California

ELEGANCE AWARDS Gwenn Graham Most Elegant Convertible

1950 Talbot-Lago T26 Grand Sport Saoutchik Cabriolet Steve & Marilee Hamilton, Washoe Valley, Nevada

J. B. & Dorothy Nethercutt **Most Elegant Closed Car** 1937 Bugatti Type 57S Atalante William E. Connor Family, Hong Kong

Jules Heumann Most Elegant **Open Car** 1937 Bugatti Type 57S Corsica

Open Sports Lord Anthony Bamford, Rocester, United Kingdom

Strother MacMinn Most Elegant Sports Car 1960 Ferrari 250 GT SWB **Competition Scaglietti** Berlinetta

Rob Kauffman/RK Motors, Charlotte, North Carolina

SPECIAL AWARDS

1936 Hispano-Suiza J-12 Saoutchik Cabriolet The Keller Collection at the Pyramids, Petaluma, California **Ansel Adams Award** 1923 Rolls-Royce Silver Ghost Pall Mall

Laura & Jack Boyd Smith Jr., Elkhart, Indiana

ArtCenter College of Design

Award 1963 Porsche 901 Prototype "Quickblau" Karmann/

Reutter Coupe Alois Ruf, Pfaffenhausen,

Germany **Briggs Cunningham Trophy**

1954 Edwards America Convertible

Gary & Cathy Edwards, Spring Branch, Texas

Center for Automotive Research at Stanford (CARS) Award for Automotive

Innovation 1928 Mercedes-Benz 710 SSK **Sport Two Seater** John Houlihan, Ireland Chairman's Trophy 1952 Alfa Romeo 6C 2500 SS **Touring Spider** Matthias Metz, Rosengarten,

Germany Charles A. Chayne Trophy 1968 Lamborghini Miura P400 Bertone Coupé

Raphael Gabay, Philadelphia, Pennsylvania

Classic Car Club of America **Trophy** 1930 Cadillac 452 Fleetwood **All Weather Phaeton** Hans Emerén, Nadar, Malta continued from page 17

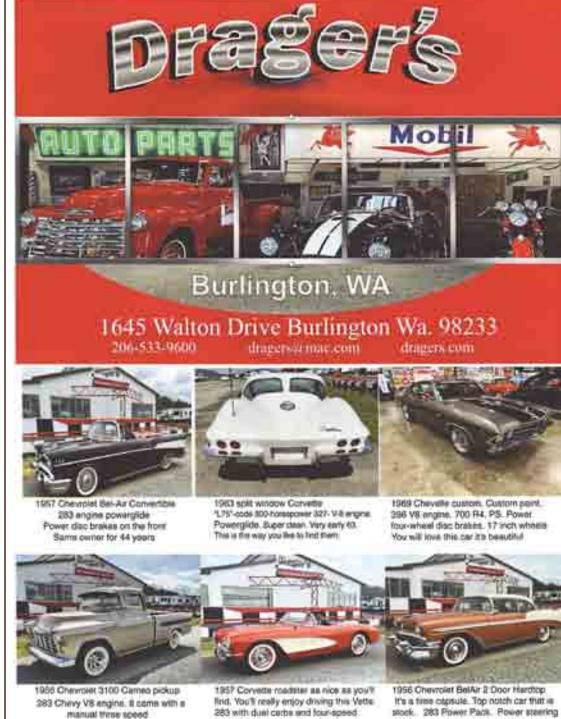
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Women in the Auto World



Previously Featured: "Women in the Auto World"

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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 writer

Connie Peters Interviews Amber Geissler

When I spoke with Amber, she was in the final hours of completing a custom built car ready to be shipped to California and had been up until well past 4am working on the car. Amber co-owns Reaction Motorsports (rxnmotorsports. com) with her husband and has been in love with cars her entire life. Growing up as a First Nations from the Sylix band in British Columbia, Amber spent time driving and playing with cars with her father who owned two 1967 Ford Mustang fastbacks and passed on his love of cars to her.

Education was extremely important in the family, Amber went on to get a science degree, but life had other plans. With some tragedy and some personal choices along the way, Amber fell right back into cars.

The shop opened in 2020 and they make custom builds "from mild to wild" for customers from everywhere.

"When we opened our doors one of the first things we did was set up an employee benefit package and go over the shop top to bottom to bring it up to safety standards, including training for equipment and creating a safe space for everyone. What I love the most about what we do, is that not only do we have the opportunity to help the people we work with, I am in love with the stories clients share. I love that they aren't just cars."

Amber is a passionate entrepreneur and is registered to become a licensed professional driver at the Area 27 circuit track in the New Year.



Amber Geissler (photo Connie Peters)

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 b

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 compo nents, 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

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

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 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-roadready 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.



Corvette E-Ray continued from page 2

Or, you can drive quietly on just electric power if you wish, provided the battery's been charged up enough from the hybrid system. "Stealth Mode" must be activated upon startup, and allows for EV driving for a few miles at low speeds. Perfect for a hushed early-morning departure or late-night arrival.

Otherwise, the E-Ray is pretty much exactly like any other C8 Vette, save for a few exterior styling cues. The battery is packaged down the middle of the car, so no luggage space was sacrificed up front. This makes it clear that development of hybrid power was already underway at the Corvette's launch four years ago.

And earlier this year, GM's president Mark Reuss revealed that an all-electric Vette is no longer just a rumor; it will be a reality. No time line on when, but General Motors is on track to offer a broad selection of battery-electric vehicles, so it'll probably be launched before we know it.

Adopting new technologies has always been part and parcel of the Corvette, going back to the earliest iterations. Fuel injection, independent rear suspension, and four-wheel disc brakes all showed up on Chevrolet's sports car long before they became common.

Having cutting-edge hybrid technology in your new Corvette isn't cheap, of course. The coupe version starts at about \$105,000 and the convertible is \$7,000 more than that. Or, about \$35,000 more for each compared to a base model. That's before options and upgrades, of course.



2024 Corvette E-Ray (photo Dave Kunz)



Book Reviews



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- 3. Language
- 4. Reading: Literature and Informational Text
- 5. Writing

"Must Read" for Parents, Teachers, & Tutors by Linda Clinard

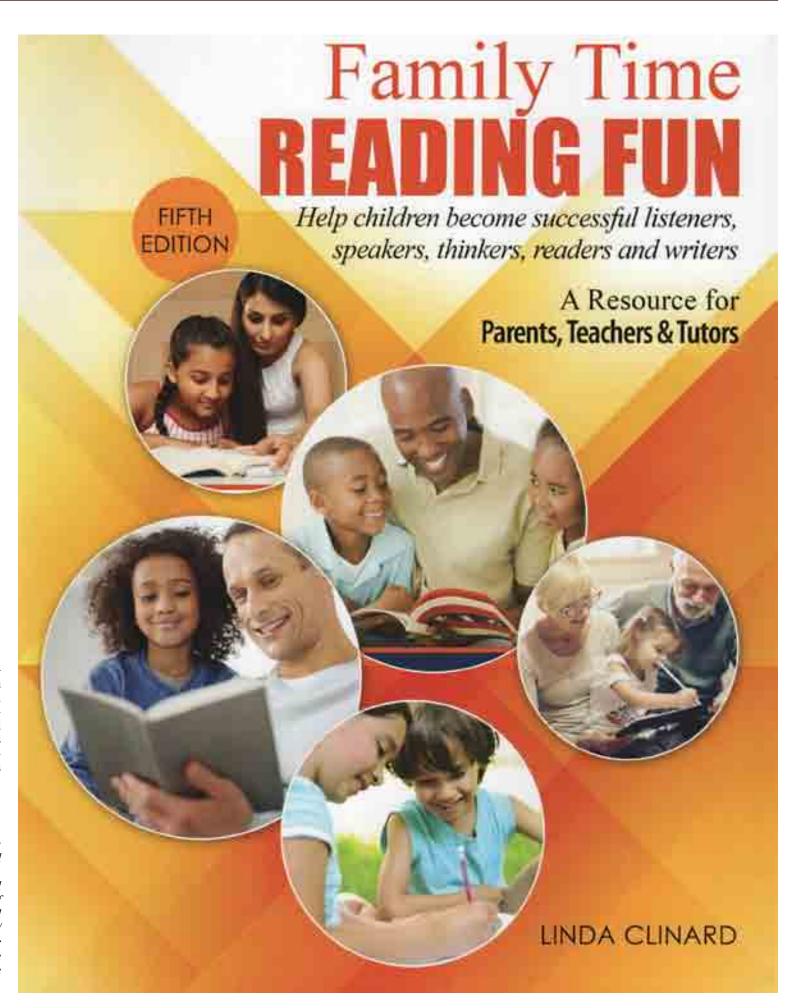
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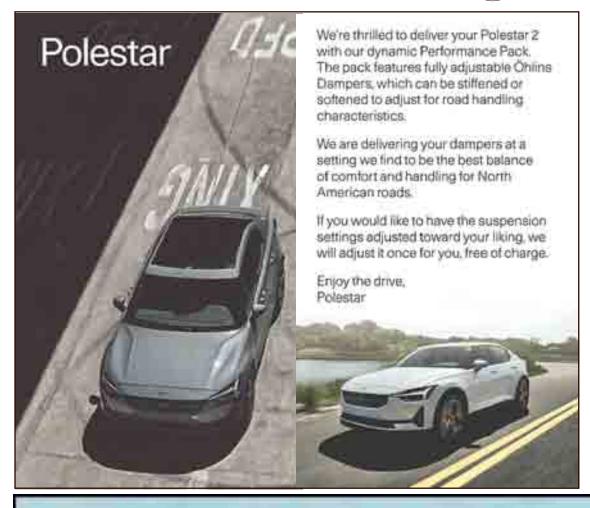
Overview

All activities are linked, as applicable, to the national K-5 Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects, which makes this a perfect book for developing and supporting partnerships between home and school.

Linda's Bio

Dr. Linda McCorkel Clinard has served as a classroom teacher and reading specialist in California, Illinois, Michigan, New York, and overseas for the Department of Defense Schools in Germany and Okinawa. Linda taught reading/ literacy education courses for Michigan State University, The University of Michigan and the University of California-Irvine.





Kevin Iden, Founder and Owner of Iden Dealer Services, Honored at the Northwest Legends of Auto Event (See story Next Issue)



Kevin Iden (right) accepts Legend Award from Irena, Auto News (Story on page 25) (photo Auto News)

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Overland Off Road Adventures





Dan Brigantino the 1st Auto News Foundation Scholarship Award Winner Joins Auto News as a Writer and CA Distribution Manager

by Dan Brigantino

Overlanding: A Lifestyle Life Story

I was born in Monterey California and raised in a family that could not stay away from the wilderness. It seemed every vacation was a camping trip, more often than not at the location of a triathlon, this combined with my love of surfing instilled in me an almost incessant need for the outdoors. There was always something missing though, as my parents tried to show me the greatness of exercise, I always dreamed of more power from my mountain bike or skateboard.

As I aged and finally received my driver's license I knew I had found what I was dreaming of.

Internal combustion!

I soon realized, through something an old friend coined as "parkour driving" that I may not be fit for the legal roadways, so I took my first car, a 1993 Mazda Miata,

to the shop (my parents driveway) and set to work lifting it. As fun as it was, light, nimble, and perfect for dirt roads, I needed something for long trips to stay out of hotels or a tent. Trust me a pop-up tent trailer, while hilarious while being dragged by a miata, invisible until passing cars pulled up next to me. was doomed to fail from the start.

Introducing the 1999 Subaru Impreza Outback Sport, loved for its long name and its ability to make you think you are boating or in a 1970s Cadillac, while cruising the freeway. After lifting this car as well, I fell in love. Now living in my Subaru, over the next few years, 3 wheel bearings, two axles, lost in the Mojave Desert, lost in the Sierras, lost seemingly everywhere from Montana to Arizona, and over to the Pacific Coast, the little Subaru that could, had taken me across more than 50,000 miles of adventure.

One early morning in 2019, driving through farm roads in my hometown headed to work, an eager truck driver with poor timing, decided to cross my lane. At 55 mph our vehicles met each other, and in an instant the little Subaru that could, could no longer. As I awoke in smoke filled darkness, I realized I had just lost my closest companion. Although my body shuddered in pain and my heart ached from the loss, it was not all bad. At the end of the day I had understood that, with excellent crumple zones and an airbag a king would sleep on, the little subaru that could, gave me one last parting gift. The great gift of life. My replacement is a wonderful 1999 Subaru Forester, but it will never be quite the same. I like to think my old Subaru has now been recycled and continues to watch over me, maybe in the form of soda cans or possibly that pile of scrap metal in the abandoned lot down the street, but like the good friend it once was, always watching out for me.

M/B C300 Test Drive Review

by Art Voss

continued from page 4

The familiar radiator grille characterizes the front with all models 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

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 C-Class utilizes layers and envelopes surfaces creating a visual sensation of lightness.

The range of available trim 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 contours.

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.

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

Shelby American, a wholly 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 through Ford dealer showrooms."

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 up sized 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

NextJumpOutfitters.com

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 speed.

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 LaViolette, 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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Doug Ikegami Honored at | McCormick's Auction Breaks Record **NW Legends of Auto Event**



Doug (right) with son Jon accepting award (photo Auto News) | Lot #11 1962 Porsche 356 that sold on Friday





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



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Palm Springs Car Auction Tops \$4 Million in Sales

Keith McCormick's Palm Springs Collector Car Auction on Nov. 17-19 generated \$4,174,926 in sales with 362 vehicles crossing the auction block.

The auction featured a fully restored 1962 Divco Milk truck (lot #418), which sold for \$79,500. Other notable sales included a 1971 Mercedes 280SL (lot #309) fetching \$86,390, and a 1958 Chevy Cameo pickup (lot #114) for \$62,450. Of the 362 vehicles registered, 207 sold for an average sales rate of \$20,168 per car.

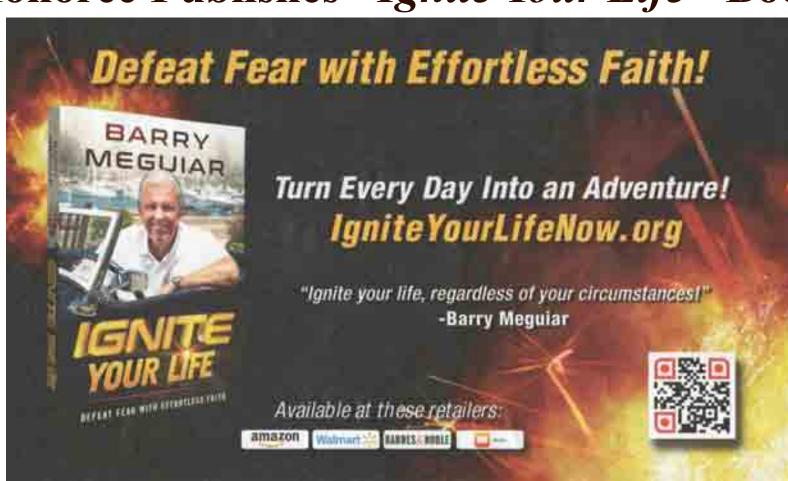
The three-day weekend event was the 75th auction in the familyowned company's 37 years in business. The next auction is set for Feb. 23-25,2024. For more information, go to www.Classic-CarAuction.com.

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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Barry Meguiar A Legend of Auto Gala Honoree Publishes "Ignite Your Life" Book





Mark Smith has a History with Classic and Collector Cars

Tires

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.

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 semi-slick 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 PZero 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.

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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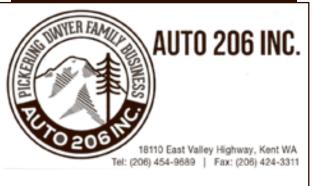
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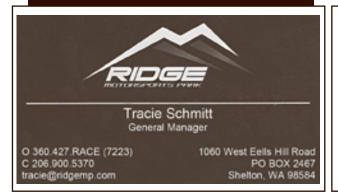
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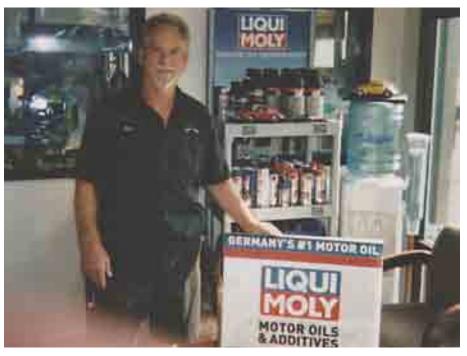
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DOUG'S AUTO

Doug's Auto, a collision specialist, is "reinventing itself," according to Doug Casady, owner of Doug's Auto, a longtime Eastside collision specialist located in Factoria.

It is a family-owned business with Doug's wife and two sons, Jeff and Steve, involved in the business. With seven employees, they can work on up to 20 vehicles at a time and have recently added a mobile automotive refinishing division headed up by Jeff Casady. The mobile business specializes in rock chip repair, minor collision work, bumper repair, and scratch removal. Doug's is also "going Green" with the addition of a Toyota Highlander and Camry Hybrid and two Pruis loaners to be used in the business. Doug's Auto offers rental cars, and towing is available. Doug said, "We have been in business 36 years, and now the second generation is taking over and helping us be the best body shop in Bellevue." (Pictured from Doug's car collection are, left to right, a '72 Mustang, '56 Ford T-Bird, '66 Blue Mustang, '74 MG, 57 Chev, '74 Corvette, and a '67 Olds Convertible.

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(See Story on Page 25)

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Auto News Foundation Board Member Sally Hanson Helped Coordinate the NWAPA Scholarship Program

by Sally Hanson

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.

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About the Auto News Foundation: "Time To Donate"

The Auto News Foundation is a 501c3 non-profit foundation that was created with the intention of empowering the next generation of automotive technicians while supporting community colleges and tech school automotive programs.

Donation Tiers:

All donations are tax deductible. 100% of donations shall go towards starting the Auto News Foundation Scholarship Fund to help aspiring youth join the automotive industry.



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Auto News Foundation



Auto News Foundation Presents Scholarships and Honors Northwest Legends at Drager's Club House on November 18, 2023 in Burlington, WA



Legends of Auto Award Winners (Left to Right) Jose Enciso, XXX Drive-In; Mitch Silver, Silver Auctions; Bob Campbell, KarMart Auto Group; Tony Rehn, Evergreen Auto Group; Lance Lambert, Vintage Vehicles; John Biddle, Brooks Biddle, Kevin Iden, Iden Dealer Services; Jim Roes, O'Brien Auto Group; Jerry Hudson, Auto Trim Design; David Madeira, LeMay Museum (photo Auto News)

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 College.

"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 customer service.

One of the program's unique features is its integration of paid dealership experience. This 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

PR The Glendale Community College Automotive Program is preparing the next generation of automotive technicians and will have the support of the AUTO NEWS FOUNDATION. 99

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.



"The Ford Motor Company Fund, the Companies Philanthropic Arm is Joining Ford Dealers Across Four U.S. Regions Atlanta, Chicago, Dallas and Phoenix to Provide a Million Dollars in Scholarships"

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Celebrates



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 right blend of innovation, design, and technology. It's a vehicle that doesn't just promise performance but delivers it while offering

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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.



Photo from Lucid

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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