

AUTOS EXTRA

A PUBLICATION OF THE OREGONIAN ADVERTISING DEPARTMENT



2015 OFFICIAL SHOW GUIDE

February 5-8, 2015, Oregon Convention Center



The aggressive Chevy Camaro Z/28 is one of several muscle cars making a comeback at this year's show. See story on Page 14.

IMAGE COURTESY OF WHEELBASE MEDIA

Your new ride starts at the auto show

BY JEFF ZURSCHMEIDE
CONTRIBUTING WRITER

This year's Portland International Auto Show is serious business. Whether automakers are competing for green credibility, high horsepower, or low price,

everyone is bringing their A-game this year. In addition to the automaker displays on the show floor, there are educational and access opportunities to enhance your understanding of the new car purchase process and expand your options for auto-related activities.

Cars you won't want to miss

Every year there are certain new cars that should not be missed.

Whether you're in the market for that particular vehicle or not, some new cars are groundbreaking in their features or performance. As you take in the show, stop in and find out what the buzz is about on these models.

Audi will have their new A3 E-Tron plug-in hybrid in their display in the Luxury Lofts. This

is Audi's entry in the green car field, featuring EV capability with gasoline backup, all in a convenient 5-door format.

Fiat will be proud to show you the new 500x crossover SUV. With capable all-wheel-drive and plenty of interior space, this new Italian import is sure to make a big impression on active Portlanders looking for a stylish and still affordable all-weather ride.

Land Rover fans should make

sure to see the prototype of the new Discovery Sport, fresh off the boat and on display in the Luxury Lofts. The new Discovery Sport is a compact SUV built to be equally at home in urban and off-road environments.

Horsepower aficionados simply must see the new 2015 Chevrolet Camaro Z/28. With 505 horsepower and 481 lb-ft of torque courtesy of the 7.0-liter normally aspirated

Please continue on **PAGE 2**



Charging stations are just one of the many features on display in the Clean Tech Center.

LS7 engine and a 6-speed manual transmission, this is a state-of-the-art racing machine available in street-legal trim.

For a different look at what a Kia can be, stop in and see the 2015 K900 full-size luxury sedan. With a powerful V-8 engine and every comfort and convenience, this car will change the way you

About the writer: Jeff Zurschmeide is a Portland-based automotive writer and enthusiast, and a member of the Sportscar Club of America. He's authored six automotive how-to books published by CarTech Books, and two race course photo histories published by Arcadia Publishing. He frequently test-drives cars and writes reviews for Oregonian Media Group. Email jeff@falstaffpubs.com for more information.



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For more information on The Oregonian's custom publications, contact Aaron Cooper, Advertorial Editor, at 503-221-5368, or acooper@oregonian.com.

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perceive Kia forever.

Aftermarket madness

Come see what the aftermarket can do with the Toyota Sienna:Remix minivan. When the staff flips a few switches, a 360-degree A/V column consisting of twin 40-inch LCD monitors, four 12-inch subwoofers, 16 speakers and two

LED light bars rises out of the roof. The trunk opens to reveal a fully functional DJ booth, including eight more speakers and plug-in access to a stunning audio system. It's an experience not to be missed!

If the Toyota van pleases you, then you're sure to love the Dub Show Tour. This aftermarket extravaganza features custom built exotics, wild wheels and a host of automotive customization products. Brand ambassadors from Monster Energy Drink will be there to hand out free samples to keep you jazzed up. There's even a JumpStart demo where you can ride a Harley-Davidson motorcycle on a stationary test stand. The Dub Show Tour is located at the north end of the main floor.

The fun doesn't end on the street, because the all-new Race Garage showcases automobiles from all forms of racing. Whether

your thrill is drag racing, drift, rally, or track racing, there's something for you at the show. The new World of Speed museum in Wilsonville has prepared a display on the history of racing, and there will be vintage and current racecars on display. Racing fans can meet 2014 SCCA US Majors Western Conference Champion Jess Heitman. Heitman will attend with his Mazda Miata



The Kid Zone is open every day and include free activities.

racecar and sign autographs during the show.

Bring the family on Sunday

The day to bring the whole family to the auto show is Sunday, Feb. 8, because kids 12 and under get in free on that day only. However, the Kid Zone is available every day during show hours, and anyone can stop by for some fun and relaxation. Complimentary activities include face painting and temporary tattoos, balloon artists, and the inflatable Disney/Pixar Cars slide. As a special attraction, get the whole family up in front of the Kia Green Screen and make your own video dancing with the Kia "Hamstars." Who could resist?

Parents can also sign their kids up for a first-ever Trail Blazers basketball camp at 1 PM and 3 PM on Sunday. Taught by the

coaching staff of the Trail Blazers, each two-hour camp will be held on a basketball court set up on the main floor of the show for Sunday only. It's first-come, first-served and spaces are limited, so plan to arrive early for sign-ups.

Green-up at the Clean Tech Center

Each year more and more automakers are coming out with new EVs, hybrids, and alternative fuel vehicles, so the Clean Tech Center is back and bigger than ever. In this display across from the main hall, you can learn everything you need to know about the growing opportunity to bypass the gas pump forever with an electric car. With electrics and hybrids in the show from Audi, BMW, Chevrolet, Fiat, Ford, Kia, Mercedes-Benz, Nissan, Smart, Toyota, Honda, and

Please continue on **PAGE 4**



The Triumph Castrol Rocket, the world's fastest motorcycle, will be on display.

WHEELBASE MEDIA



WHEELBASE MEDIA

The Clean Tech Center includes electric vehicles and charging stations, as well as information on compressed natural gas (CNG) vehicles.

Volkswagen, you can compare the cars side by side.

In addition to the electric and hybrid cars, the Clean Tech Center will include charging stations from major brands including Shorepower, Eaton, Blink, and AeroVironment.

Representatives from automakers, charging station manufacturers, electrical contractors and PGE will be on hand to answer your questions.

The Clean Tech Center also includes information on compressed natural gas (CNG) vehicles, hydrogen-powered fuel cells, and clean diesels from automakers including Chevrolet, Mercedes, BMW, and others.

MEET TRAIL BLAZER ALUMNUS JEROME KERSEY

On Saturday, Feb. 7, Portland Trail Blazer alumnus Jerome Kersey will make a rare public appearance at the Kia exhibit on the main floor of the show. Kersey will be at the Kia exhibit from noon to 1:30 p.m. to meet fans, sign autographs, and pose for pictures.

Win a Free Toyota Camry

Perhaps the most popular attraction at the auto show each year is the New Car Giveaway. This year the winning vehicle is an all-new 2015 Toyota Camry XSE with an MSRP of \$30,590. The vehicle is provided by the Oregonian Media Group and given away by the Metro Portland New Car Dealers Association. Attendees can enter at the Oregonian Media

Group exhibit located next to the vehicle in the MLK Jr. lobby for a chance to be one of four finalists. On Sunday Feb. 8 at 5 p.m., the four finalists will participate in the live final drawing at the Oregonian Media Group exhibit. Each finalist will pull a Toyota key from a bowl and try it in the Camry's door. The holder of the key that unlocks the car will drive the new Camry away.



WHEELBASE MEDIA

Kia's K900 full-size luxury sedan, featuring a powerful V8 engine, will be on display and is expected to change the way auto enthusiasts think about Kia forever.

Ride and drive before you buy at the show



WHEELBASE MEDIA

Ride & Drive opportunities will take place daily, with buyers able to test offerings from Chrysler, Ram, Dodge, Fiat, Subaru, Toyota, Kia, Mazda and Scion.

BY JEFF ZURSCHMIEDE

When it's time to get serious about a new car, there's nothing better than a test drive to help guide your purchase

decision. That's why the 2015 Portland International Auto Show and select automakers have created extensive Ride & Drive opportunities for many exciting new models. Prospective buyers will be able to take

a short drive on the streets near the convention center throughout the show.

"Kia offers test drives at many of the auto shows in which we participate. They are great opportunities for people to experience the

vehicles they are cross-shopping, and we're bringing all of our newest and most popular products to the Portland show," says Scott McKee, Director of Public Relations at Kia Motors America.

Kia will offer a taste of their luxury full-size K900 sedan as well as the mid-size Optima SXI sedan. Chrysler will show off the new 200 sedan with pride, while Mazda offers a chance to get behind the wheel of a new mid-size Mazda6 or the compact and sporty Mazda3. Toyota will have their all-new Camry and recently redesigned Corolla out for drives, and Scion is

bringing their popular xD compact sedan.

Sports car enthusiasts will want to line up early, because Scion will offer test drives in their exciting FR-S sports car. Featuring an aggressive fastback design, the 2.0-liter FR-S includes traditional rear wheel drive for a classic sports car experience while maintaining all modern conveniences expected by today's drivers.

Truck buyers will enjoy driving the popular Ram 1500 pickup, while SUV enthusiasts can play the field by test-driving everything from the Scion xB and Kia

Soul urban haulers to the Dodge Journey, Jeep Grand Cherokee, Toyota RAV4, Kia Sportage, and Mazda's CX-5 or CX-9 crossovers. Kia will also have the all-new 2016 Sorento SX available for first drives at the show.

For green drivers, the all-electric Fiat 500e, Toyota's iconic Prius hybrid, and the diminutive Scion iQ urban vehicle will be available for drives throughout the show. If you still have not driven an all-electric car, the peppy Fiat 500e will make a great first impression.

Holding up their popular flag in the Northwest, Subaru will offer driving opportunities with the entire fleet, from the luxurious Legacy to the economical Impreza. Subaru shoppers may also try out the all-new 2015 Outback, capable Forester, and compact Crosstrek models.

Finally, Kia is courting activity van buyers with their all-new 2015 Sedona. This van really must be experienced in person, with comfortable lay-back seating in the second row and a truly astonishing amount of cargo space.

The Ride and Drive schedule runs Thursday through Sunday from 10 a.m. to 5:30 p.m. each day. Chrysler, Ram,

Dodge, Fiat, Subaru, and Toyota will have cars available on all days, while Kia, Mazda, and Scion are available Friday through Sunday.

Drivers must be over 18 and possess a valid driver's license to participate in any Ride & Drive activity. Dealer and automaker representatives will have insurance waivers and liability releases to sign before anyone gets to drive, but once the paperwork is done, you can be among the first to test-drive some of the hottest new models for 2015.

Chase Your Dreams in the Luxury Lofts

BY JEFF ZURSCHMIDE

If exotic, high-end luxury, and super high performance cars are your cup of tea, the Portland International Auto Show offers two big rooms full of dream machines just for you. The Luxury Lofts have laid claim to more than 65,000 square feet in the Oregon Ballroom at the north end and the Portland Ballroom at the south end of the convention center. Both rooms are just upstairs from the main show floor.

In these rooms, you'll find cars that you normally find only in magazines or fan websites. For example, Lexus will be on hand with their LFA two-seat supercar. The LFA's bodywork and chassis core are made entirely of carbon fiber, and its V10 engine produces 553 horsepower at a screaming 8,700 RPM.

Jaguar and Land Rover will represent the British Isles. Jag, occupying its usual main-floor location, will show off the new F Type convertible, now available with a 6-speed manual transmission. Purists will love the classic lines while performance enthusiasts will savor the 495 horsepower produced by the 5.0-liter supercharged V8 engine.

Land Rover will have an example of its pre-release Discovery Sport on display. This all-new compact SUV carries a 2.0-liter turbocharged 4-cylinder engine with 240 horsepower driving all four wheels. The new Discovery Sport is equally at home in the city or in all-out off road adventuring, courtesy of its nearly 24-inch wading capability, and 25-degree approach and 31-degree departure angles.

BMW will show off its new 540 horsepower bi-turbo B6 Alpina with xDrive intelligent all-wheel drive, and the 560 horsepower M6 Gran Coupe with a 7-speed twin-clutch transmission featuring launch control. For green driving enthusiasts, you can also experience the BMW i3 electric vehicle.

Audi plans to bring its latest R8 supercar, boasting up to 525 horsepower from its supercharged 5.2-liter V10 engine. The R8 doesn't waste a single one of those horses, courtesy of its 6-speed manual transmission and Audi's legendary Quattro all-wheel-drive system. With all that, the R8 will take you from 0-60 in just 3.7 seconds, and up to a top speed of 198 MPH. While you're there, check out the new Audi A3 E-Tron plug-in hybrid!

Infiniti has announced that it will have the all-new



WHEELBASE MEDIA

Jaguar's new F Type convertible, featuring a 6-speed manual transmission and 495 horsepower 5.0-liter supercharged V8, will be shown in the Luxury Loft.



WHEELBASE MEDIA

The Audi R8 produces up to 525 horsepower in its supercharged V10 version.



WHEELBASE MEDIA

The pre-release Discovery Sport from Land Rover is equally at home in the city or in all-out off road adventuring.

2015 QX80 SUV and the 420 horsepower Q70 sedan on hand for the show. The new luxury QX80 features a 400 horsepower 5.6-liter V8 engine in a traditional body-on-frame SUV. The QX80 is available as a rear- or all-wheel-drive vehicle.

Mercedes-Benz is proud to show its B-Class Electric Drive compact sports touring car. As you might expect from Mercedes, this electric vehicle is something special, with 177 horsepower and a 0-60 time under 8 seconds. Stop by the lofts and see if Mercedes-

Benz can change your mind about electrics.

Porsche returns to the show this year, bringing the all-new Macan compact luxury sport utility vehicle, and the new Panamera plug-in hybrid. Inside sources report that although the all-new Macan

offers much-needed 'utility' to suit Portland area drivers, it is first and foremost a Porsche.

The best of Italy will also be on display, with Ferrari and Maserati models from the newly-renovated Ron Tonkin Gran Turismo dealership in

Wilsonville.

"Our game plan is to have a full 2015 lineup. We'll have the Maserati Gran Turismo Sport, the all-wheel-drive Ghibli SQ4, and the all-wheel-drive Quattroporte SQ4, plus the rear wheel drive versions of the Ghibli and the Quattroporte," says Steve Wintermantel of Ron Tonkin Gran Turismo.

On the Ferrari side, Ron Tonkin GT plans to bring the impressive all-wheel-drive Ferrari FF, the 458 Speciale coupe, the F12 Berlinetta, and the new Ferrari California T convertible featuring a power retractable hardtop.

"The idea is to bring four Ferraris, and we may bring a fifth," Wintermantel says.

British sports car manufacturer Lotus is also based at Ron Tonkin Gran Turismo, and current plans are to have the latest Evora road car and a special track-prepared Elise on display.

Bentley Bellevue will make the trip down to Portland to represent the Bentley, Rolls-Royce, and Lamborghini brands at the show.



WHEELBASE MEDIA

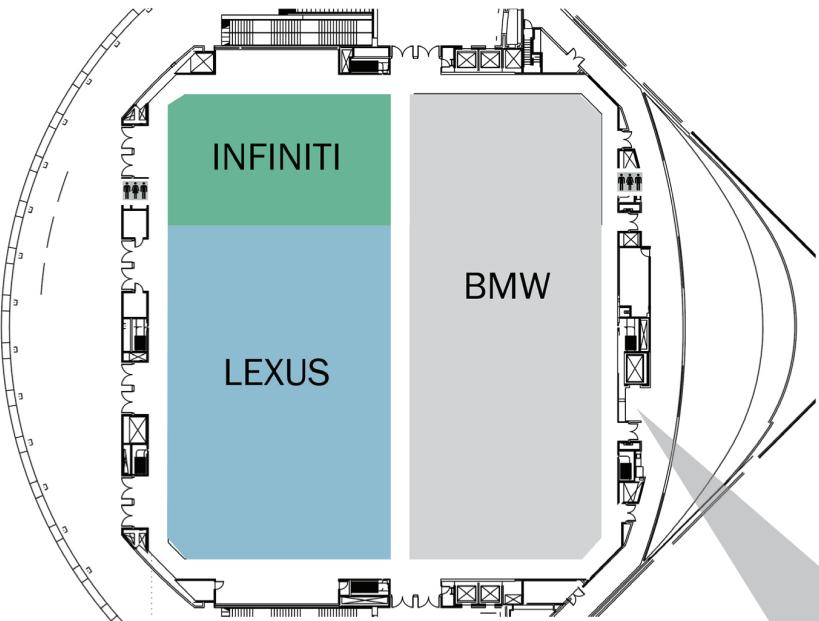
Infiniti's full-sized QX80 SUV is all-new in 2015 and features a 400 horsepower V8 engine.

2015 AUT

Februar



PORLAND BALLROOM -
LUXURY LOFT
ON THE SECOND FLOOR



UPSTAIRS TO
POTLAND BALLROOM
LUXURY LOFT

PORLAND INTERNATIONAL AUTO SHOW FEATURES

- Clean Tech Center ★ Ride & Drives ★ Race Garage ★
- Mobility Zone ★ Kids Zone ★ Great Outdoors ★
- Motorcycle Pavilion ★ New Car Giveaway

WE ARE GIVING AWAY A TOYOTA CAMRY!



Visit Oregonian Media Group's booth in the main concourse to enter for a chance to win a 2015 Toyota Camry XSE!

The 106th Portland International Auto Show features over 400-plus vehicles on display and family entertainment.

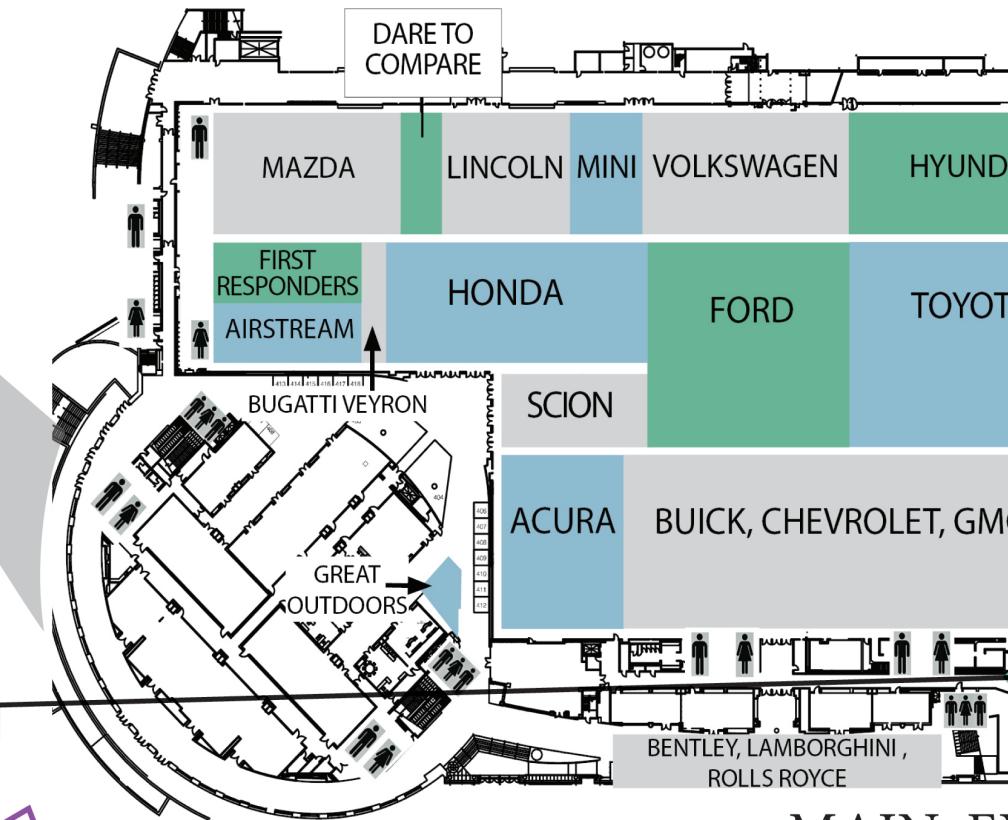
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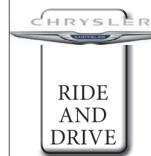
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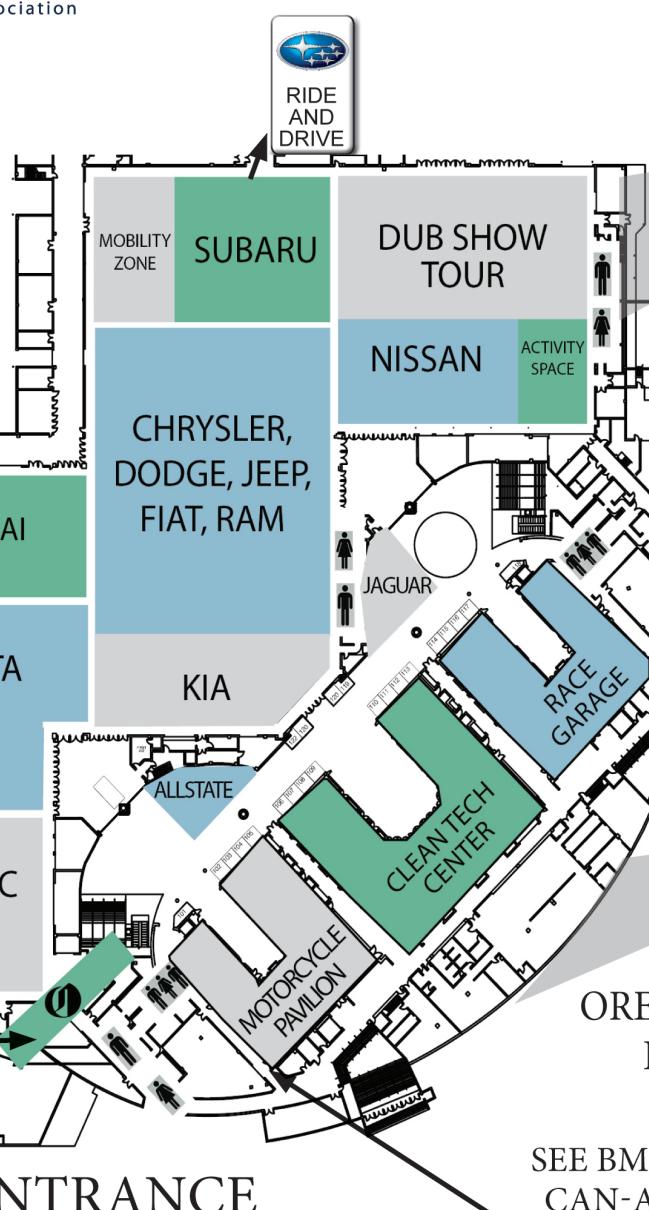
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The Show is bigger and better than ever with family-friendly activities all under one roof.

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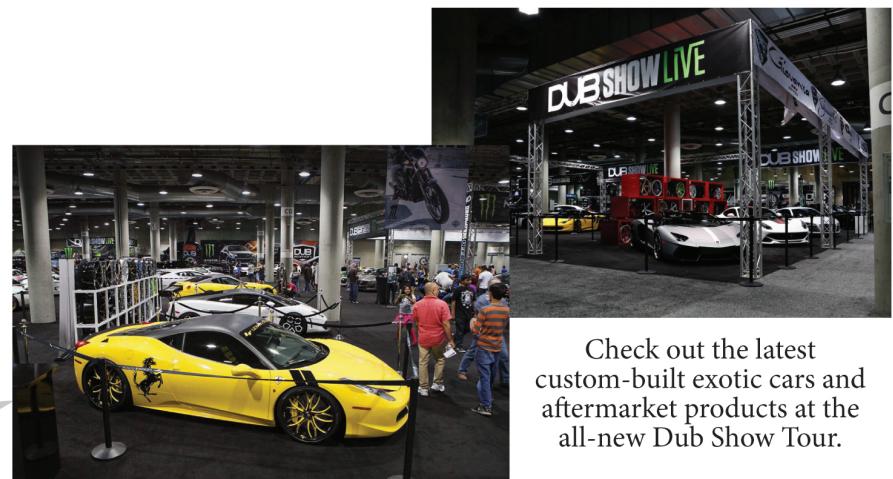
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YAMAHA IN THE
MOTORCYCLE PAVILION!

Find the Scion Ride and Drive across MLK from the Convention Center

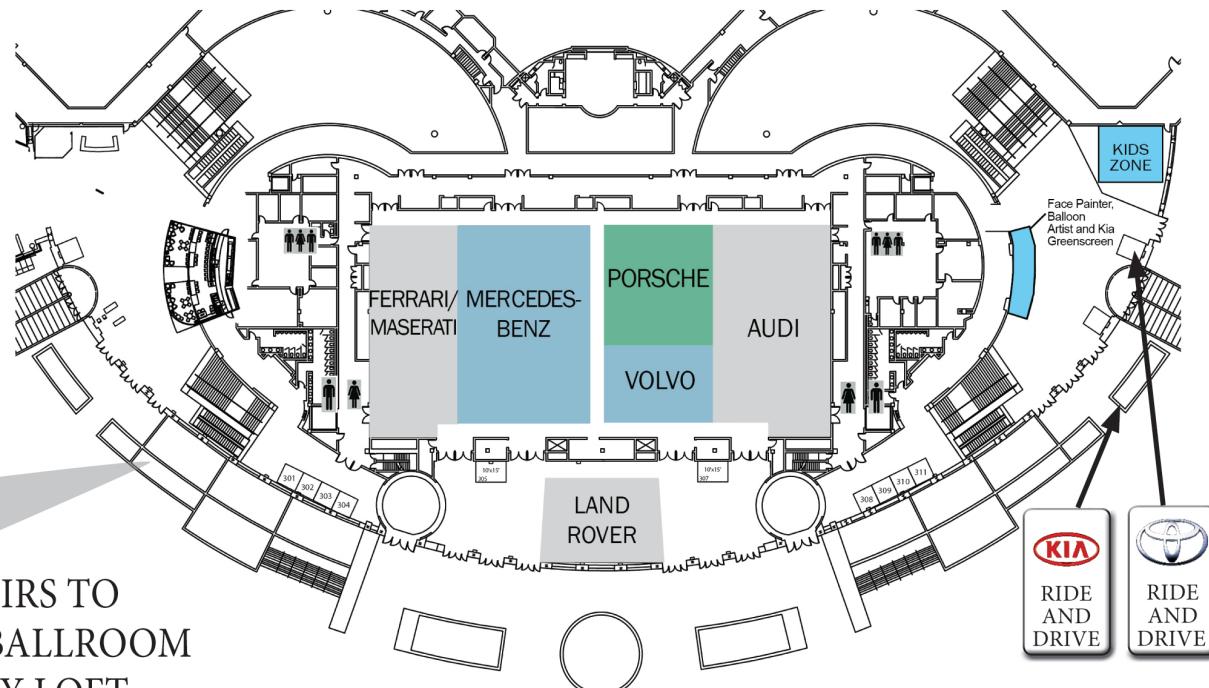


Test drives from ten manufacturers will be offered at the many Ride & Drives around the Convention Center



Check out the latest custom-built exotic cars and aftermarket products at the all-new Dub Show Tour.

OREGON BALLROOM - LUXURY LOFT ON THE SECOND FLOOR



Find the KIA and Toyota Ride and Drives in the Holladay Lobby



Subcompacts are revolutionizing the SUV category



WHEELBASE MEDIA

The Lexus NX 200t is one of the most exciting new entrants in the popular subcompact crossover SUV segment, a category that didn't even exist a few years ago

BY JEFF ZURSCHMIEDE

Americans love Sport Utility Vehicles. It's a demonstrable fact that is proven year after year in new car sales figures. The price of gasoline affects the size of the most popular SUV from year to year, but the basic appeal remains constant. Whether they go by the name of SUV, Crossover, or Activity Vehicle, the popular formula includes all-wheel-drive, a taller stance, and a wagon-style fifth door for increased convenience and carrying capacity.

This year, it may seem counter-intuitive because of the low price of gasoline, but there is a growing wave of subcompact crossovers that are certain to be popular. These vehicles combine the any-weather, any-road capability of all-wheel-drive and greater ground clearance with the smaller footprint, lower cost, and greater fuel efficiency required by a younger, active urban market.

The newest generation of subcompact crossover was revealed this fall in Los Angeles, as Mazda unveiled the CX-3, Fiat produced the 500x, and Honda took the wraps off the HR-V. When you add in the previously released contenders such as the Chevrolet Trax, Nissan Juke, MINI Countryman and

Paceman, and the Lexus NX 200t, you have a whole class of vehicles that simply did not exist a few years ago.

Mazda's CX-3 will be released this Spring, and will feature a 2.0-liter engine rated at 155 horsepower, mated to a 6-speed automatic transmission with optional all-wheel-drive. Pricing has not been announced yet, but the CX-3 is expected to be priced lower than the existing Mazda CX-5, which starts at about \$22,000.

Fiat is moving into the subcompact crossover market with the four-door, all-wheel-drive 500x. Unlike other automakers, the new crossover will be the largest offering in the brand's line. The 2016 500x will be available with the 1.4-liter MultiAir Turbo engine at 160 horsepower with a six-speed manual transmission, or a 2.4-liter

Tigershark MultiAir2 engine at 180 horsepower paired with a nine-speed automatic transmission.

Honda also got into the game this fall with the unveiling of the new 2016 HR-V. This new subcompact is based on the chassis from Honda's Fit passenger car, and sports a 1.8-liter engine mated to a continuously variable transmission. HR-V will arrive at dealerships this Spring.

If you're looking for a luxury subcompact crossover, the Lexus NX 200t is at dealerships now. The NX 200t features a 2.0-liter turbocharged 4-cylinder engine producing 235 horsepower, and a 6-speed automatic transmission. Selecting the F-Sport option adds paddle shifters, a tuned suspension, and a sportier exhaust note. All-wheel-drive is available for a small premium. Pricing begins at \$35,405.



FIAT USA

Fiat's 500x, the largest offering from the Italian carmaker, is getting major upgrades in its 2016 version, including two transmission options.

Horsepower Wars are back – and you're the winner

BY JEFF ZURSCHMIEDE

The horsepower wars have been building for a few years now, but in the twelve months since last year's Portland International Auto Show, high performance has truly taken center stage. Automakers have discarded all previous limits on horsepower and torque, and they are deep in all-out competition to put power under your foot.

The late 1960s are generally considered to be the heyday of the muscle car, but consider this – the high horsepower figures of that era were measured using an unburdened engine on a test stand. But an engine inside a car has to run an alternator, air conditioning pump, and power steering, and has to push its exhaust out of a long pipe, and bring in air through a restrictive filter. So after 1972, horsepower figures got a big adjustment toward reality; by the optimistic calculations of the time, the most powerful cars of the 1960s are at least 100 horsepower shy of the top-performing cars you can buy today.

The horsepower wars start-

ed in earnest in 2005 when Ford introduced the new retro-styling on the Mustang. Dodge followed with the new Charger in 2006 and a new Challenger in 2008, and Chevrolet came along in 2009 with a revived Camaro. It wasn't long before all three automakers offered supercharged versions of these cars with engine output well north of 500 horsepower.

Today, the top horsepower position belongs to Dodge, with the 2015 Challenger and Charger SRT Hellcat models delivering a blistering 707 horsepower and 650 lb-ft of torque. Dodge proudly points out that the 2015 Charger is the most powerful production sedan ever, and that the car will top 200 MPH straight off the showroom floor courtesy of its 6.2-liter supercharged HEMI V-8 engine.

Ford is not far behind with the 2014 Mustang Shelby GT500 at 662 horsepower and 631 lb-ft of torque from a 5.8-liter supercharged V-8. Chevrolet has stayed in the race with the 2015 ZL-1 Camaro. That car is rated at 580 horsepower and 556 lb-ft of torque from its own 6.2-liter

supercharged V-8.

Perhaps the most amazing thing about these cars is that you don't have to spend outrageous money to own one. The Ford Mustang Shelby GT500 is priced at \$55,110, while the Challenger SRT Hellcat comes in at \$58,295 and the Camaro ZL1 is priced at \$55,505.

It's worth noting that you can still get high horsepower in sports cars such as the Dodge Viper and Chevy Corvette, but you'll pay a lot more for the high-powered editions of those models. Foreign automakers are in the numbers game, too, but generally at much higher prices such as \$111,900 for the 575-horsepower BMW M6 or \$106,500 for the 560 horsepower Audi RS7.

Even if you're not ready to



WHEELBASE MEDIA

The 2015 Dodge Challenger offers 707 horsepower and 650 lb-ft of torque.

spend almost \$60,000 to grab a tiger by the tail, there's good news for every car buyer in these horsepower wars. While everyone is looking at the top horsepower models, the most basic editions of the same cars are performing in the realm of top-tier cars from just a few years ago.

The most basic V6-powered versions of the Mustang, Camaro, Challenger and Charger are all delivering at

least 300 horsepower for well under \$30,000. Chevy leads the pack with the Camaro, putting out 323 horsepower for \$24,700, including destination fees. Ford is running right alongside with the basic Mustang fastback, priced at \$24,625 with a 300 horsepower engine and a 6-speed manual transmission. Dodge is right in the fight with the base 2015 Challenger at \$26,990 and the Charger at

\$27,490. Both of those cars offer the 305 horsepower Pentastar V6.

The bottom line is that 2015 is likely to be remembered as another golden age of horsepower, with an array of options at every price point and cars that deliver world-class performance, technology, safety, and reliability at a level that prior generations of muscle cars could never hope to match.

MEET YOUR FUTURE RIDE

A workhorse. A toddler taxi. Maybe a mint classic. Whatever you need, our fast auto search makes it easy to find the perfect ride.

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UNDER 20 AND OVER 40 – presenting the

BY JEFF ZURSCHMIEDE



WHEELBASE MEDIA

Fiat's 2015 500 comes in two versions that meet 40 MPG and price points in the mid teens.

With the price of gasoline headed down toward \$2 a gallon and possibly lower, it's likely that fuel economy will not be as critical for new car buyers this year. But for those who are still looking to stretch their dollar, there's an impressive list of new cars that can be had this year for \$20,000 or less, and which deliver 40 MPG or better on the highway.

Don't dismiss these cars as a bunch of loss leaders; there are some impressively fun, powerful, and sporty rides on this list. It goes to show that automakers really do have some great cars at every price point.

The 2015 Ford Fiesta SE is available with a Fuel Economy Package that includes a 1.0-liter turbocharged direct-injected EcoBoost engine rated at 123 horsepower and 125 lb-ft of torque. With a 6-speed manual transmission, the Fiesta is good for 43 MPG on the highway and 31 in the city. This thrifty Ford carries a price tag of

\$16,665 for the five-door hatchback or \$16,265 for the 4-door sedan.

Chevrolet is in the game with the 2015 Sonic LT. This 4-door sedan uses a 1.4-liter turbocharged engine and 6-speed manual transmission to deliver 40 MPG highway and 29 city. The little Sonic makes a hefty 138 horsepower and 148 lb-ft of torque for some excellent performance, and costs just \$17,230.

Dodge is not going to be left behind this year, and they're offering the sporty 2015 Dart Aero for \$19,490. This car borrows its 1.4-liter MultiAir Turbo engine and 6-speed manual transmission from the Alfa Romeo Giulietta, and gives back a breathtaking 160 horsepower and 184 lb-ft of torque.

While giving you all that power, the Dart Aero also uses active grille shutters and smooth underbody panels to yield 41 MPG on the highway and 29 in the city.

Fiat has two versions of its popular 500 subcompact that meet the price point and the 40 MPG standard. The 2015 Fiat 500 Pop comes in at \$15,545 with a normally aspirated 1.4-liter MultiAir

most affordable and economical cars of 2015



WHEELBASE MEDIA

The 2015 Mazda3 sedan offers sporty power, 6-speed manual transmission, and will be available for test drives during the show.

engine and 5-speed transmission, and the 2015 Fiat 500 Sport offers the same engine with some suspension and interior upgrades for \$18,500. The Fiat offers 101 horsepower and 98 lb-ft of torque, along with 31 MPG city and 40 MPG highway.

The 2015 Honda Fit LX retails for \$17,270, and for that money you get a continuously variable transmission behind

a proven 1.5-liter i-VTEC engine rated at 130 horsepower and 114 lb-ft of torque. The Fit LX gives you 41 MPG on the highway and an excellent 33 MPG in the city.

Mazda offers one of the sportiest cars in this lineup with the 2015 Mazda3 sedan, priced at \$17,740 with a powerful 2.0-liter 16-valve DOHC engine mated to a 6-speed manual transmis-

sion. That combination is good for 155 horsepower and 150 lb-ft of torque while getting 40 MPG highway and 29 city. If you prefer more utility, the Mazda3 5-door hatchback offers the same package at \$19,740. The Mazda3 will be available for test drives at the Portland International Auto Show.

The low-price leader in this group is the 2015 Mitsubishi



WHEELBASE MEDIA

Mitsubishi's Mirage offers a low base price for its five-door model, starting at \$13,805.

Mirage, at just \$13,805 for a five-door model. The Mirage carries a 1.2-liter engine with 74 horsepower and 74 lb-ft of torque. Buyers can choose a 5-speed manual transmission at 34 MPG city and 42 MPG highway, or a CVT at 37 MPG city and 44 MPG on the highway.

\$16,355 is all it takes to own the 2015 Nissan Versa, built with a 1.6-liter engine and

equipped with a CVT. The Versa makes 109 horsepower and 107 lb-ft of torque, and is rated for 40 MPG highway and 31 in the city.

Finally, the only hybrid to make the list is the 2015 Toyota Prius C, sticker priced at \$20,365 including destination fees. But if you ask nicely, you can probably shave that down under our \$20,000 threshold. The

compact and sporty Prius C offers a 1.5-liter hybrid engine with electronic CVT transmission and yields 99 net hybrid horsepower, and 82 lb-ft of torque. The Prius tops the list for fuel economy, at an amazing 53 MPG city and 46 MPG highway.

You can see and experience all these cars and more at the Portland International Auto Show.

What's Green in 2015?

BY JEFF ZURSCHMIEDE

It wasn't too long ago that any kind of "Green" car was newsworthy. In the modern era, hybrids are no longer big news. Almost every automaker offers at least one hybrid, and you can even buy a hybrid Ferrari if you have enough money. The list of all-electric vehicles is getting longer every year, and they are no longer an unusual sight on the road.

So with all these options, what counts as a green car in 2015, and where is alternative automobile technology headed?

The answer is that technology is headed in many directions at once, and that trend is likely to continue. Instead of standardizing on one solution, the market will offer a variety of technologies to suit different needs.

During this winter's auto show season, Audi unveiled the prototype A7 h-tron Quattro. This technological marvel is Audi's first hydrogen fuel-cell car, with the ability to drive over 300 miles by converting pure hydrogen and ordinary air into electricity and water. The car uses two electric motors to drive the front and rear wheels in a new e-quattro all-wheel-drive configuration. Audi estimated that the production A7 h-tron will accelerate from 0-62 MPH in 7.1 seconds, and can maintain a top speed of 111 MPH.

The Audi A7 h-tron highlights the brand's new production A3 e-tron plug-in hybrid, which is on sale now and on display in the Audi booth at the Portland International Auto Show.

Not to be outdone, Volvo has been showing off a new twin-engine plug-in hybrid version of its popular XC90 crossover utility vehicle. In the XC90 T8 twin engine plug-in hybrid design, an

electric motor drives the rear wheels and a 2.0-liter turbocharged and supercharged gasoline engine powers the front wheels and charges the battery pack. Combined, the two engines deliver about 400 horsepower and 472 pound-feet of torque.

The XC90 T8 can accelerate from 0-60 in just 5.9 seconds. Even with all that power and the ability to carry seven passengers, the XC90 T8 is expected to offer 59 MPGe when it arrives at dealerships as a 2016 model later this year. To pique your interest at this year's show, Volvo will show its current line of vehicles featuring the new Drive-E fuel-efficient engines.

BMW implemented a similar dual-engine idea for their new i8 supercar. In the BMW model, a three-cylinder turbocharged gasoline engine drives the rear wheels, while an electric engine provides motion to the front wheels. The i8 uses computer control to determine the optimum drive mode based on driver input, and shifts seamlessly between FWD electric, RWD gasoline, and AWD hybrid power. The i8 also uses a novel carbon fiber chassis to reduce weight. BMW will

have its all-electric i3 on display in Portland.

In addition to those already mentioned, the list of automakers bringing new or existing all-electric or plug-in hybrid vehicles to the show is long, and includes most of the best names in the business. Chevrolet will have the Spark EV and

Volt's on display, while Ford will show the C-Max Energi, Focus EV, and Fusion Energi. Kia is getting into the market with an all-electric version of its popular Soul urban hauler. Toyota will show the Prius Plug-In Hybrid, and Honda will have the Accord Plug-In Hybrid. Volkswagen will

demonstrate the critically-acclaimed E-Golf while Mercedes-Benz shows the B-Class Electric Drive. Fiat is now selling the sporty all-electric 500e in Oregon, and will have those on display. Porsche will display its Panamera plug-in hybrid. Finally, Nissan will be on hand with the well-proven

Leaf, and Smart will have the Electric Drive at the show.

To learn more about the latest in green driving technology, stop in to the Clean Tech Center at the Portland International Auto Show, which runs Thursday, Feb. 5 through Sunday, Feb. 8 at the Oregon Convention Center.



WHEELBASE MEDIA

BMW i8 supercar has a three-cylinder turbocharged gasoline engine to drive the rear wheels and an electric engine to drive the front wheels. Computer control determines optimum drive mode.



WHEELBASE MEDIA

The Ford Focus EV will be on display in the Clean Tech Center.



WHEELBASE MEDIA

Volvo's redesigned XC90 will soon come in a new twin-engine plug-in hybrid version.

Win a 2015 Toyota Camry at the Portland International Auto Show

BY JEFF ZURSCHMEIDE

How would you like to come to the Portland International Auto Show and drive away in a free new car? Free is a much better price than most people expect, but that's exactly what someone is going to pay for a new car on Sunday, Feb. 8.

Each year, the Metro Portland New Car Dealers Association partners with Oregonian Media Group on the New Car Giveaway Sweepstakes, in which one lucky Portland International Auto Show attendee will win a brand new car. One finalist will be chosen each day of the show, and then all four finalists will be gathered together in-person for a live public drawing and winner's ceremony. Driving home in a free new car is as easy as turning a key – that's all you have to do.

This year, the vehicle to be awarded is a 2015 Toyota Camry XSE sedan valued at \$30,590. The 4-door Camry comes with a capable



WHEELBASE MEDIA

One lucky finalist will drive home in a new 2015 Toyota Camry XSE, valued at \$30,590.

178-horsepower 4-cylinder engine and advanced intelligent 6-speed automatic transmission. The Camry is rated at 25 MPG in city driving and 35 MPG on the highway. The XSE package adds sport-tuned shock absorbers and springs as well as strut tower and trunk-mounted chassis braces. The 2015 Camry XSE also includes 4-wheel electronically controlled disc brakes.

Inside, the Camry features dual zone climate control, backup camera, remote keyless entry, 8-way power-

adjustable driver's seat with power lumbar support and a 4-way adjustable front passenger seat. You get the Optitron dash gauges, including speedometer, tachometer, coolant temperature, and fuel gauges. The Optitron also includes a video multi-information trip computer display with customizable settings, odometer, tripmeter, current/average fuel economy, distance to empty indicator, speed, tire pressures, and warning messages.

The Camry's technology

story comes through with Toyota's updated Entune Audio Plus system, including a 6.1-inch high resolution touch-screen display, AM/FM CD player, MP3/WMA playback capability, USB port with iPod 11 connectivity and control, advanced voice recognition, hands-free phone capability, and Bluetooth wireless music streaming. The system also includes HD Radio with traffic and weather channels and a trial subscription to SiriusXM satellite radio.

Safety in the Camry is top grade, with Toyota's Star Safety System as standard equipment. The Star system includes enhanced Vehicle Stability Control, Traction Control, 4-wheel anti-lock brakes, electronic brake-force distribution, brake assist, and Smart Stop Technology. The Camry includes driver and front passenger airbags, driver and front passenger seat-mounted side airbags, driver and front passenger knee airbags, rear seat-mounted side airbags, and front and

rear side curtain airbags. Of course, the LATCH system for children is also included, along with child-protector rear door locks and power window lockout control.

To enter the contest to win this fabulous car, stop by the Oregonian Media Group exhibit located next to the Camry in the MLK lobby, or look for ads in The Oregonian. You can also find an entry form online at www.oregonlive.com/contests or at www.portlandautoshow.com. Just follow the instruc-

tions to download an entry form and bring it to the show.

Each day's finalist will be notified of his or her status by telephone. The last finalist will be selected at 2:30 p.m. on Sunday, Feb. 8. All finalists must be present at 5 p.m. Sunday for the final drawing. At the award ceremony, each finalist will draw a Toyota key and try it in the door of the prize car – the holder of the key that unlocks the door will drive the new Camry away!

2015 CAMRY XSE AT A GLANCE

PRICE AS DELIVERED: \$30,590

TYPE: Four-door sedan

ENGINE: 2.5-liter 4-cylinder

LAYOUT: Front-engine, front-wheel-drive

TRANSMISSION: 6-speed automatic

MPG: 25 MPG city and 33 MPG highway

SAFETY: Dual front airbags; front seat-mounted side airbags; full length side curtain airbags; dual front knee airbags; vehicle stability control; traction control; roll-over mitigation; electronic brake force distribution; brake assist; antilock brakes; tire pressure monitoring; LATCH; rear child safety door locks and windows; side impact door beams; 3-point seat belts in all positions.

