Detroit Auto Scene

"FIRST IN THE HEART OF DETROIT"

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Team Rush from Clarkston High School, their mentors and the Championship Chairman's Award

Chrysler Foundation Supports School Robotics Teams

Dec. 15 awarded more than \$230,000 in grants to support students participating in FIRST Robotics Competition (FRC) (grades 9-12) and FIRST Tech Challenge (FTC) (grades 7-12) programs in Arizona, Illinois, Indiana and Michigan.

In total, The Chrysler Foundation will distribute 47 grants to help young people discover and develop a passion for science,

math, said Chrysler spokesperson Kevin Frazier.

"Chrysler Group's ability to compete and succeed in the future depends in part upon our ability to maintain the pipeline of students that pursue STEM (science, technology, engineering and math) careers," said John Nigro, head of Chrysler's NAFTA Product Development.

The Chrysler Foundation on technology, engineering and that students gain through their participation in FIRST is invaluable in preparing them for the future.'

> The Chrysler Foundation grants - ranging from \$750 to \$5,000 per team – will enable an estimated 1,100 middle and high school students to participate in regional and district competitions, Frazier said.

Subsequently, The Chrysler "The real-world experience Foundation will award a total of

\$21,000 in grants to teams that advance to the 2015 FIRST Championship April 22-25 in St. Louis.

"The Chrysler Foundation is proud to play a role in helping students discover the rewards and excitement of education and careers in science, technology, engineering and math," said Jody Trapasso, Chrysler's senior vice president of External Affairs and

CONTINUED ON PAGE 3



For anyone who wanted to see high-ranking GM executives getting their hands dirty, the seventh annual "Good Neighbor Holiday Dinner" was the perfect place to be.

The dinner, held by Forgotten Harvest at the Renaissance Center Marriott Dec. 15, is set up each year - and sponsored by GM and Marriott - to feed the needy.

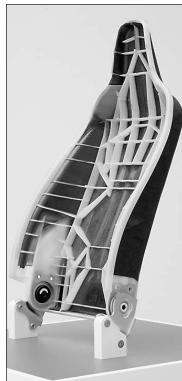
This year, about 1,000 people, including 600 children, had the opportunity to enjoy a holiday meal served up by volunteers from the ranks of GM executives, including CEO Mary Barra.

The kids also had the chance to meet Santa and receive Christmas gifts.

Vivian Pickard, president of the GM Foundation, said the foundation "got the bright idea" of sponsoring the event from the people at Marriott.

"We provide the funding and volunteers," Pickard said. "This event is about giving back to the community. Everyone from GM who has given his or her time, from Mary Barra on down, has done so as a volunteer."

CONTINUED ON PAGE 3



Johnson Controls Awarded for Improving Vehicle Seats

Johnson Controls is reducing the use of metals used in vehicle seat structures by replacing them with multi-material systems in its CAMISMA research project.

CAMISMA, the Johnson Controls engineers say, stands for 'carbon-amide-metal-based interior structure using a multi-material system approach."

For this cutting-edge work, Johnson Controls, a global multiindustrial company, received this year's CLEPA (European Association of Automotive Suppliers) Innovation Award in the "Green" category, said Johnson Controls spokesperson Mary Kay Dodero.

The CLEPA judges said the project represents an "outstanding, future-oriented solution for sustainable carbon dioxide reduction.'

ally manufactured seat structures and equally as safe, Dodero said.

"Although carbon-fiber products generally offer outstanding characteristics, such as great strength and design flexibility, they are too expensive for use in the large-scale series production of vehicles," said Andreas Eppinger, group vice president of Technology Management at Johnson Controls Automotive Experience.

With CAMISMA, our goal was to create cost-efficient, sustainable access to carbon-fiberbased materials systems."

This was achieved by an innovative industrial manufacturing process for volume production with about 200,000 units per production line, allowing for the first time the highly concentrated, efficient use of carbon These seats are more than 40 fiber, while at the same time that shows how safe the seats International Auto percent lighter than convention- meeting all safety requirements. are, and it's just been validated Detroit in January.

The results of an initial rear-impact crash test demonstrated that the CAMISMA seat proto-

type satisfied all of the strength requirements of current seats built with a metal structure in large-scale series production, Eppinger said.

In addition to significant weight savings, CAMISMA offers a further advantage: The manufacturing steps required in assembly are substantially reduced through the number of attachment parts needed, which also saves cost. Dodero said.

The new seats will be available in vehicles in 2019.

"The reason it seems like we're taking so long to get the seats into vehicles is because of auto development cycles," Dodero said. "which are about three or four years.

"We just finished the research

through awards like the one we received from CLEPA."

It is vitally important in this day and age to be able to demonstrate that a new kind of seat is as safe as what it would be replacing, Dodero said. Right now, automakers are paying special attention to safety concerns because of recent problems in the industry.

"And another advantage to our seats is, lighter means thinner, and that gives us the chance to have more leg room in the back seat," Dodero said.

"That's really important in a market like China where many executives have drivers, so these executives sit in the back. Having some more leg room for them becomes very important.'

Dodero said Johnson Controls will be showing off the new seats at the upcoming North American

Cutout of new car seat

Show

Urban Wheels Names F-150 'Truck of Year'

by Jim Stickford

Frank Sinatra's old song, "It Was a Very Good Year," could have been sung for this year's Ford F-150.

led the Urban Wheels awards judges to choose the F-150 as its 'Truck of the Year."

The Urban Wheels awards, announced Dec. 11, are given out by Decisive Magazine. The judging panel picked the three winning vehicles based on style and practicality, said magazine spokesperson Jessica Pipkins.

Juror Mary Chapman said among the factors that put the if our jurors weren't a little sur-F-150 over the top was its "poten-

tially revolutionary use of aluminum," which provided substantial weight loss and contributed to the truck's "great mileage" statistics.

Pipkins said that naming the The pickup's aluminum body F-150 shouldn't be that much of a shock given the fact that it's been redesigned using aluminum bodies. It's also been America's "favorite truck" for many years.

"I don't think too many people were surprised with this choice," Pipkins said. "But there have been so many advances in truck technology, and trucks from all the automakers have become so good that I wouldn't be surprised prised that the F-150 kept up with

other trucks in terms of quality and technology.

"This is still a truck that people want to use for business and for personal reasons."

The BMW i8 was named Green Vehicle of the Year by jurors. Decisive Magazine editor Brian Armstead said, "when BMW enters the game, watch out.

"Not only is the BMW i8 'green,' it's a BMW, with amazing acceleration, fuel efficiency and 'Ultimate Driving Machine' road manners."

The Kia K900 was named the Urban Wheels Car of the Year. Jurors cited its understated elegance "that speaks of the owner being a savvy, trendy profession-



2015 F-150

al" as among the chief reasons for picking the Kia K900.

'The goal was to find the vehicle that was appropriately affordable and appealing to the eyes," Pipkins said.

The Urban Wheels awards will be presented to the winners at the 19th annual Urban Wheels Celebration to be held in the Garden Theater in Detroit on Sunday, Jan. 11.

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Ford is Recalling **More Vehicles for Airbag Problems**

At the request of the National Highway Traffic Safety Administration, Ford is expanding its recall on Takata driver-side airbag inflators.

The recall includes approximately 502,489 vehicles, an addition of approximately 447,310 vehicles, said Ford spokesperson Kelli Felker, in a statement to the media.

This brings the total number of Ford vehicles being recalled for Takata airbag inflators to approximately 538,977.

This expanded recall includes 2005-08 Ford Mustang vehicles built Aug. 18, 2004 to June 25, 2007, at Flat Rock Assembly Plant and 2005-20 Ford GT vehicles built Feb. 11, 2005, to Jan. 30, 2006, at Wixom Assembly Plant.

As of Dec. 18, 2014, Felker said, Ford is aware of approximately 462.900 vehicles in the United States, approximately 27,500 in Canada and approximately 7,600 in Mexico affected by this recall. Approximately 4,500 additional vehicles outside of North America are also included in this action.

Felker said Ford is aware of one accident with an injury that may be related to this condition. Dealers will replace the airbag inflator at no cost to the customer.

Takata Ad States Airbag 'Failure Is Unacceptable'

In a move seldom seen, automotive supplier Takata placed a full-page ad in the Detroit Free Press Dec. 18 describing what the company is doing to correct problems from Takata's airbag inflators.

According to the National Highway Traffic Safety Administration, defective passenger side airbag inflators have been linked to several injuries and deaths.

In the newspaper ad, Takata CEO Shigehisa Takada stated. "Today we are as focused on our mission as ever. Even one failure is unacceptable and we are truly and deeply saddened that five fatalities have been attributed to auto accidents where Takata airbags malfunctioned." Takada goes on to say that the company will work in unison with its automaker customers "to advance our common goal of putting the safety of customers first."

Mark Rosekind Appointed to Lead NHTSA's Revitalization

WASHINGTON (AP) - The Senate on Dec. 16 confirmed a new administrator to lead the government's auto safety agency, which faces complaints that regulators bungled two high-profile recalls involving faulty ignition switches and exploding air bags.

Mark Rosekind, 59, a leading expert on human fatigue, was approved by voice vote to head the National Highway Traffic Safety Administration, a neglected but critically important agency that is widely considered to be understaffed and underfunded. The previous administrator, David Strickland, left in January.

Rosekind is currently a member of the National Transportation Safety Board, which investigates transportation accidents, and has led seven major investigations. While at the board, he persuaded fellow board members to make a controversial recommendation that U.S. states lower the blood alcohol limit for drivers from 0.08 to 0.05. The lower intoxication threshold would bring the U.S. more in line with other countries, but is strongly opposed by the alcohol, restaurant and entertainment industries. So far, no state has adopted the recommendation.

The biggest issue facing Rosekind at the agency will be revitalizing its oversight of auto recalls because of safety defects. The agency has been roundly criticized for not recognizing for years dangerous defects that caused ignition switches of some General Motors cars to suddenly shut off, and Takata air bags to spew shrapnel when inflated. Lawmakers complain the agency is neither feared nor respected by the auto industry.

Automakers have recalled a record 55 million cars and trucks in the U.S. so far this year, the most since the previous high of 30.8 million vehicles in 2004. At least 42 people have been killed as a result of the faulty GM ignition switches.

A recall of exploding Takata air bags may be the largest recall in the auto safety agency's history.

The agency was slow to respond to consumer complaints about the ignition switches, say safety advocates and members of Congress. GM knew for at least a decade that the switches were dangerous, but failed to recall cars until last February. Agency officials have said GM hid important information from the regulator.

Takata's air bags were sold to at least 10 automakers. Even though deaths and injuries were reported as early as 2008, the agency let automakers do a series of small recalls. It didn't open a full investigation until June and only recently became aggressive in seeking nationwide recalls.

Rosekind "is prepared for the job ahead and I expect him to be relentless in the pursuit of safety," Transportation Secretary Anthony Foxx said following the Senate's confirmation. Rosekind said he appreciated the Senate's swift action on his nomination and plans to work closely with Congress to advance Foxx's 'vision to raise the bar on safety."

Rosekind has a doctoral degree in psychology from Yale University and is a former director of Stanford University's Center for Human Sleep Research. In the 1990s, he conducted groundbreaking research for NASA of airline pilots and how they were affected by lack of sleep. He created Alertness Solutions, a consulting firm on fatigue issues, in 1998 and was appointed to the transportation safety board in 2010.

GM Fatalities Upped to 42

DETROIT (AP) - At least 42 people have died and 58 have been injured in crashes involving General Motors cars with defective ignition switches.

Attorney Kenneth Feinberg, who was hired by GM to compensate victims, updated the totals Dec. 15.

Feinberg says he has received 251 death claims and 2,075 injury claims since August.

The fund so far has deemed a total of 100 claims eligible for compensation.

GM knew about faulty ignition switches in Chevrolet Cobalts and other small cars for more than a decade but didn't recall them until February. The switches can slip out of the "on" position, which causes the cars to stall, knocks out power steering and turns off the air bags.

Feinberg will accept claims until Jan. 31.

Vehicle Recalls for Airbags Total 14 Million

and Mitsubishi announced more recalls for some possibly defective Takata air bags that Toyota recalled earlier this month after one exploded during scrapping in Japan.

Nissan Motor Co. said Dec. 11 it's recalling the Presage, X-Trail and other models totaling 83,000 vehicles in Japan, some 6,000 in China, another 49,000 in Europe and 14,000 in other regions. A recall is coming in North America, but details weren't decided.

The recall by Nissan and other Japanese automakers is meant to address possible problems with passenger side air bags.

Takata Japanese supplier Corp. is under fire for air bag inflators that can explode, shooting out metal and plastic pieces. At least five deaths and dozens of injuries have been linked to the problem worldwide.

Honda Motor Co. is recalling 400,000 vehicles worldwide for

Japan; 6,000 in North America, excluding the U.S. where a recall has already been carried out; 16,000 in South America; 100,000 in Europe; 70,000 in Asia and 30,000 in other regions.

Mitsubishi Motors Corp. recalled 300 Lancer cars in Japan. Mitsubishi said the comparable recall has already been carried out in the U.S.

That brings recalls in Japan over Takata air bags to 3.05 million vehicles. Globally, they total more than 14 million.

No injuries or accidents have been reported related to the latest problem air bags, the ministry said.

The explosion that sparked the recall for passenger side air bags occurred in November in a scrapyard in Gifu Prefecture, central Japan, in a Toyota vehicle.

Japan's transport ministry said last week there were six earlier

instances when Takata air bags exploded during scrapping, two in Toyota vehicles and four in Honda vehicles. They all occurred in 2012.

In Japan, air bags are deliberately deployed during scrapping. Toyota recalled 185.000 vehicles in Japan and 5,000 in China for possibly defective passengerside air bags Dec. 4.

Honda has the largest number of Takata-related recalls, as half of its vehicles are equipped with Takata air bags. The recalls total 5.4 million in the U.S. for Honda.

Honda has expanded its recall in the U.S., previously limited to high-humidity areas, to the entire country, and says it will apply that recall worldwide as well.

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Detroit Auto Scene

DECEMBER 22. 2014

"FIRST IN THE HEART OF DETROIT SINCE 1933"

GM Execs Help in Serving Holiday Dinner to Needy

CONTINUED FROM PAGE 1

"I am really proud to work here tonight," said Barra. "Forgotten Harvest is a tremendous resource and we're proud to be a part of this event."

Shonda Johnson, area general manager for Marriott based in the Detroit Renaissance Hotel. said they hold the Forgotten Harvest "Good Neighbor Holiday Dinner" in the main ballroom thanks to the volunteer efforts of 300 of the hotel's employees.

'This event is about giving back to the community," Johnson said. "We prepare the food, we prepare the set-up in the ballroom and interact with the guests who come. I also want to give credit to the Forgotten Harvest volunteers who work yearround to help those who need it." Kirk Mayes, chief executive

officer of Forgotten Harvest, said having GM, Marriott and other corporate sponsors, including Bodman PLC, Bridgestone, the Comer Foundation, C&S Companies, DTE Energy, Garden Fresh Gourmet, Hollywood Markets, Kroger, Telemus Capital, the Westin Book Cadillac and Wolverine Packing, have really made a difference.

"They have made it possible to bring 1,000 people together to eat dinner and celebrate the holidays," Mayes said.

"It's incredibly important to have sponsors like GM and Marriott, as well as all the others, involved. We all can touch the lives of people who might not be getting the benefits of Detroit's first wave of improvement.³

And, Mayes said, the event is important for the children. Christmas is a time kids wait for



Kids play with LEGOs at the Forgotten Harvest event on Dec. 15.

all year long. So for these children to be able to interact with the mascots of Detroit's pro sports teams, and for them to have a special holiday meal and walk away with Christmas toys truly matters.

"This annual event," Mayes

said, "takes six months to put together, and it also takes a lot of love and attention.

"So I want to say thanks to GM and Marriott and all our sponsors for their effots. And I want to thank all the volunteers who work with us all year long.'

Game's the Same, Only the Name Has Changed

AUBURN HILLS (AP) Chrysler Group LLC has changed its name to FCA US LLC.

The change will be largely unnoticed by consumers, affecting mostly corporate and financial communications.

Chrysler-branded cars will continue to bear the Chrysler badge, as those branded Fiat will bear the Fiat badge.

Fiat Chrysler Automobiles has also renamed its mass-market brand companies. Fiat Chrysler Automobiles becomes FCA Italy SpA.

The automaker said Dec. 16 that the name change follows the naming convention of its parent company, Fiat Chrysler Automobiles N.V., which adopted its name in October when it listed on the New York Stock Exchange.

Chrysler and its Italian owner Fiat SpA merged earlier this year. Fiat was granted management control and a 20 percent stake in Chrysler after it emerged from bankruptcy protection in 2009. Fiat gradually raised its stake and eventually became majority owner.

The name change doesn't impact its headquarters in Auburn Hills, its holdings, management team. board or brands.

FCA US has more than 77,000 employees worldwide and runs 36 manufacturing plants, including 23 in the U.S.

In Europe, Fiat Chrysler employs 89,000 people, 40 percent of the worldwide workforce, producing annual revenues about 20 billion euros, 23 percent of the total global revenues of 87 billion euros.

Analysts Call for New-Vehicle Sales Increases in December

New-vehicle retail sales in December are expected to reach the highest levels on a seasonally adjusted annualized rate (SAAR) basis since 2006, according to a monthly sales forecast developed jointly by J.D. Power and LMC Automotive.

New-vehicle retail sales in December 2014 are projected to reach 1.3 million units, a 7 percent increase on a selling-dayadjusted basis compared with December 2013 (December 2014 has one more selling day than December 2013), said J.D. Power spokesperson John Tews.

expected to be above the 14 mil-

lion unit level for the third time this year, with a rate of 14.2 million units, which is 1.4 million units stronger than in December 2013. The most recent month in which the retail SAAR was 14.2 million units was in August 2006.

Retail transactions are the most accurate measure of consumer demand for new vehicles.

"The industry continues to demonstrate strong sales growth as the year comes to a close," said John Humphrey, senior vice president of the global automotive practice at J.D. Power.

"The end of the year typically The retail SAAR in December is drives more showroom traffic as customers seek to take advantage of better deals used to clear out inventory in preparation for the new year. In fact, Dec. 31 was the strongest sales day of the vear in 2013, bringing in more than 118,000 units or 10 percent of the month's sales.³

So far in 2014, May 31 was the strongest selling day of the year with more than 111,200 sales.

Total light-vehicle sales in December 2014 are expected to reach 1.5 million units, a 6 percent increase, compared with December 2013, Humphrey said.

Fleet volume in December is projected to come in at 233,000 units, or 16 percent of total sales, which is below the yearto-date trend of 18 percent.

LMC Automotive's 2014 U.S. light-vehicle retail sales forecast remains at 13.6 million units, but robust sales in November and December have pushed the total light-vehicle forecast to 16.5 million units. The previous total light-vehicle forecast was 16.4.

LMC Automotive has raised its retail sales forecast for 2015 to 14.0 million units from 13.9 million and increased its total lightvehicle sales forecast to 17.0 million units from 16.8.

For 2015, LMC Automotive has raised its forecast to 17.4 million units from 17.2, which is a 3 percent growth over 2014.

Chrysler Foundation Backs School Robotics Teams

CONTINUED FROM PAGE 1

president of The Chrysler Foundation.

"We are equally proud of our employees who generously give their time and skills to help mentor students and serve as competition coordinators.'

The Chrysler Foundation awarded a \$5,000 grant to four out-of-state schools – in Arizona, Illinois and Indiana – as well as 37 schools in Michigan.

The Chrysler Foundation also

the FIRST Championship. • Team RUSH, CSM Tech Acad-

emy and Clarkston High School, Clarkston, Mich., received the prestigious Championship Chairman's Award. Camron Razdar, a member of Team RUSH, was one of 10 National Dean's List Winners.

• 70 U.S.-based Chrysler Group employees served as FRC team mentors; employees also supported regional and district events as competition coordinators and event volunteers.

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awarded a \$750 grant to five FTC teams in Michigan, Frazier said.

Additionally, FIRST in Michigan will receive a \$2,500 grant to support its FIRST LEGO League program, which introduces students (grades 4-8) to the fun and excitement of science and technology

Frazier pointed out these additional facts about The Chrysler Foundation's support of FIRST:

• In 2014, The Chrysler Foundation awarded grants to 41 U.S. and Canadian-based robotics teams.

• 34 of those teams were based in the United States: one in Arizona; one in Illinois; two in Indiana; and 30 in Michigan, which led the nation in the number of registered FIRST Robotics Teams.

• 14 of the 41 teams sponsored by The Chrysler Foundation (12 Michigan and two Canadian teams) qualified to compete in the 2014 FIRST Championship. Overall, 400 teams competed in

Since 1995, The Chrysler Foundation, a FIRST Founding Sponsor, has invested more than \$2.3 million to support FIRST programs in the United States and Canada, Frazier said.

Some Toyota Jobs Move to Michigan

ANN ARBOR TOWNSHIP. Mich. (AP) - Toyota Motor Corp. is further boosting its research and development work in southeastern Michigan.

The automaker announced Dec. 18 that it's investing \$126 million in the expansion of its powertrain operations in Ann Arbor Township and consolidating vehicle development operations at a new facility in nearby York Township. Both powertrain and vehicle development are being centralized in Michigan. As part of those moves, about 85 jobs will relocate from California by the end of 2016.

DETROIT AUTO SCENE

Wrapping Up the Needy For Winter is Ford's Goal

Ford and the Ford Fund neighbors struggle each day to wrapped up their fourth annual "Coat & Jacket Drive" Dec. 16 by delivering more than 1,000 new and gently used coats, along with hats, scarves and gloves, to the Salvation Army.

The coats and other items were donated by local Ford employees and brought to the Salvation Army in two new Ford Transit vans, said Ford spokeperson Todd Nissen. The Salvation Army will distribute the items to needy families in the Detroit area.

'Surviving the cold of a Michigan winter means bundling up in a warm coat with a hat and gloves," said Janet Lawson, director of the Ford Volunteer Corps. "Unfortunately, many of our

stay warm and to find enough food, and we're hoping we can help ease that burden."

The coats and other clothing donations are the latest from Ford and its philanthropic arm, the Ford Motor Company Fund. to give back to the communities where Ford employees live and work, Nissen said. In the past few weeks, more than 700 Ford employees volunteered in 50 community service projects in eight states as part of its quarterly Accelerated Action Day.

So far this year, more than 27,000 Ford employees and retirees have volunteered on community service projects around the world.



Ford volunteers, in blue shirts, work with Salvation Army employees to distribute winter wear to the needy.



Clark Freeman speaks at GM Foundation presentation ceremony.

Two Romulus Nonprofits Granted \$10,000

The General Motors Foundation has donated \$10,000 to two nonprofit organizations in the Romulus community through the Plant City Grants program.

Romulus Community Schools received \$7,500 and Starfish Family Services was granted \$2,500, said GM spokesperson Kevin Nadrowski.

Starfish provides early childhood and parenting programs, children's mental health services, after-school programs and an emergency shelter for teens and youth in crises.

"This year, the GM Foundation will provide more than \$1.7 million in funding to 209 organizations in 45 plant cities where GM employees live and work," said GM Foundation vice president Lori Wingerter.

Through these grants, we continue our mission to give back and build stronger communities where GM does business.'

year the GM Foundation has issued Plant City Grants in the Romulus area, Nadrowski said.

The Foundation's funding in support of the community totals \$40,000 during that period.

The grant presentation took place at the Romulus Powertrain plant Dec. 10.

During the event, guests were provided a manufacturing update and plant tour, showcasing project work and demonstrations from recent investment into the facility.

Speaking to the plant's employees at the presentation, Romulus Powertrain Plant Manager Clark Freeman said, "It is important that we are good community neighbors and these grants provided by the GM Founda-

This is the fourth consecutive tion allow us to give back in a big way each year.

> 'Through the Plant City Grants initiative, we're helping to build stronger communities and are striving to enrich the lives of our neighbors.

> The GM Foundation grants are given to a wide variety of organizations across the country that families rely on to provide much needed services, improve education and impact the quality of life within their respective communities, Nadrowski said.

> The grants, he added, will make these communities even greater places to work and live.

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Visteon to Demo Cloud Technologies at CES

miere a range of innovative connected vehicle technologies and services at the 2015 International CES in Las Vegas Jan. 6-9.

Through a range of highly interactive displays and in-vehicle demonstrations, Visteon will demonstrate Cloud-based, connected technologies, which, through live 4GLTE over-the-air connections, provide new features and services enhancing the driving experience and the residual value of the vehicle over its lifetime, said Visteon President and CEO Tim Leuliette.

Visteon also will show its developments for autonomous driving through immersive simulators.

"As we transition into the era of the connected car, CES has become a significant automotive technology showcase and our per Novus (Latin for "always and advanced technologies that cle's technical systems through

Visteon Corporation will pre- will extend the relevance of the car's electronics for both automakers and consumers."

> Now in its 16th year at CES, Visteon has one of the longestrunning participation levels among automotive companies at the annual show, Leuliette said.

"Technology will define how mobility, the Internet of Things and the auto industry work together to build the cars and transportation systems of the future," said Martin T. Thall, Visteon's executive vice president and president of Electronics.

"At the 2015 CES, Visteon will showcase how we fuse technology, innovation and ecosystem partnerships to unlock the value of connectivity and transform driving into a connected experience.

Visteon will highlight its Sem-

hardware updates and software downloads.

The concept gives automakers the opportunity to keep the vehicle perpetually current and introduce new services so consumers can enjoy an "always new" experience.

A record 11 automotive manufacturers will exhibit at the 2015 CES.

Automotive exhibits will cover more than 165,000 net square feet of exhibit space, up 17 percent from the 2014 show.





biggest customer event of the new") cockpit concept system, year," said Leuliette. "We will which will demonstrate ways for showcase current, near-term, consumers to update their vehi-

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Chrysler's Kokomo Plant Joins WCM Bronze Ranks

Chrysler's Kokomo Transmission Plant (KTP) has been awarded bronze status for its results in implementing World Class Manufacturing (WCM).

The Kokomo, Ind., transmission plant became Chrysler's eighth North American facility to achieve the WCM award milestone and the automaker's highest-ranking transmission plant, said Chrysler spokesperson Jodi Tinson.

KTP, which produces the new fuel-efficient eight- and ninespeed transmissions for various models in the Chrysler portfolio, said Tinson, received the bronze designation just over four years after adopting the WCM operating system following a two-day audit Dec. 4-5.

Bronze, Tinson said, is awarded after earning a minimum of 50 points in 10 technical and 10 managerial pillars by demonstrating clear WCM know-how and competence through employee-conducted pillar presentations and a review of projects that have been expanded across the shop floor. KTP earned a score of 51.

"KTP has gone through significant change since 2009 as it prepared to launch production of the all-new eight- and ninespeed transmissions," said Brian Harlow, Chrysler vice president and head of NAFTA Manufacturing. "Through it all, the KTP employees remained focused on implementing World Class Manufacturing and have been acknowledged for those efforts today with the awarding of bronze.

"We are proud of the commitment demonstrated by our employees and the support received from the UAW, which has been critical in making Chrysler Group's manufacturing facilities among the best in the world."

KTP has been the recipient of five investments over five years totaling more than \$1.5 billion for the production of the new transmissions, Tinson said.

KTP began producing the eight-speed transmission in September 2012. In 2013, KTP produced nearly 300,000 eight-speeds.

That number has more than doubled to nearly 700,000 in the first 11 months of 2014.

Currently, the eight-speed transmission is available on the Jeep Grand Cherokee, Chrysler 300, Dodge Challenger, Dodge Charger, Dodge Durango and Ram 1500. The company sold more than 800,000 of these models in the U.S. through November 2014.

Europe Car Sales Up in November



MILAN (AP) – European carmakers have seen car sales rise for the 15th straight month, though more slowly than recent months in a reflection of the region's fragile economic situation.

European automaker association ACEA said Dec. 16 that car sales in November rose 1.4 percent to 953,886 units with the strongest growth in Spain, up 17 percent.

That was the slowest growth rate this year, and compares with gains of over 6 percent in the previous two months.

Two of the largest markets, No. 1 Germany and No. 3 France, shrank 1.8 percent and 2.7 percent, respectively, while remaining on trend for full-year gains.

IHS Automotive said the numbers showed the fragility of Europe's economic situation, noting "it would take little in the way of negative macro data" to end the growth period.



GM Trans Employees Give Their Time, Effort to Toys for Tots

They may not look like Santa's elves, but the UAW Local 909 employees at GM's Warren Transmission are making sure that a lot of Detroit-area kids have toys under the tree this Christmas morning.

John Giannetti, UAW Local 909 event coordinator, said they've been holding fundraisers to raise money for the Marine Corps' Toys for Tots program for a while now.

"This is something we do every year," Giannetti said. "The people at the plant really get behind this effort. We have a golf outing where the money raised goes to this charity.

'Toys for Tots is just one of four charities we raise money for all year long.

"The others are the March of Dimes, the United Negro College Fund and the American Cancer Society's Breast Cancer Awareness Fund.'

The plant's Professional Managers Network of execiutives also holds fundraisers throughout the year to help the Toys for Tots effort.

We sell \$5 box lunches at the plant," said Renee Gaynor, program chair.

'We don't have hot food services here, so selling lunch makes sense. We make the sandwiches and the chips. The pop is donated by Continental Food Services.

Giannetti estimates that they collected enough cash to purchase \$15,000 in toys.

We raised about \$6,000 from various fundraisers, but we also weren't shy about walking the floor and asking people to donate cash," Giannetti said.

Gaynor pointed out that in addition to employees at the plant donating their time and money, their efforts to raise funds for



Warren Transmission employees, U.S. marines and Santa with Toys for Tots gifts

Toys for Tots have been helped by donations from vendors, suppliers and contractors.

"They deserve some credit for this as well," Gaynor said.

"This is a project where everyone is happy to get involved."

Speaking to a crowd of Warren Transmission employees, Sgt. Nicholas Witt of the Marine Corps' 124th Reserve out of Selfridge said that when his group started up the local Toys for Tots campaign seven years ago, most participants were "mom and pop" businesses.

But, Witt said, over the past years, bigger businesses few started getting involved.

"I'm glad to see more and more people participating," Witt said. You guys are the ones who are donating your time and money and making a brighter future for the kids. Warren Transmission shop

chairman Jacob Beeman said that people often "knock GM." "But when we do good as a is just an example of that."

company, we also do good in the community," Beeman said. "This

Together, They Did – Help Feed the Hungry

Art Van Furniture and WXYZ-TV/Channel 7 – in a "Together We Can" food drive – collected more than 20,000 pounds of packaged and canned food in November to help feed families in need this holiday season.

Thanks to the generosity of its guests and team members, the furniture/mattress retailer and the TV station donated the nonperishable food items to Gleaners Community Food Bank of Southeastern Michigan.

Approximately 17,200 meals will be served during the holiday

ARCADIA LONDON PORTER

season because of the donations. "While the need is great, the generosity of metro Detroiters is even greater," said Gary Van Elslander, president of Art Van Furniture.

"The overwhelming response this year to the 'Art Van Furniture and WXYZ-TV/Channel 7 Together We Can' program to feed the hungry is a testament to the big hearts and giving spirit that is alive and well in our stores and in our community.

Gerry Brisson, president of **Gleaners Community Food Bank**

AVERY SAMAEL OAKED ASE ENGLISHIST

of Southeastern Michigan, said, "Without advocates like Art Van Furniture and WXYZ TV/Channel 7 in our community, Gleaners would not be able to distribute enough food to those in need each year.

"They support our mission to nourish communities by feeding hungry people.'

The nonprofit organization has been feeding the hungry across metro Detroit for more than 37 years, Brisson said. One out of every four households in Michigan faces hunger.

Building Goes BOOM! -And Falls Down

SOUTHFIELD, Mich. (AP) - A 17-story vacant office building in suburban Detroit has been imploded.

In a matter of seconds Dec. 14, North Park Plaza in Southfield fell upon itself into a mound of dust and rubble.

Oakland Community College owns the property just north of Detroit and auctioned off the chance to blow it up to the highest bidder.

Graduate Andrea Wilson got the honor to start the controlled implosion after a person who pledged \$8,000 chose to remain anonymous.

The college bought the 42year-old building earlier this year and says it has no immediate plans for the land.

Champane's Toasts Newest Feature – a Craft Beer Bar

by Jim Stickford

Talk about rolling out the barrel.

That's exactly what they did at Champane's Wine Cellar on Chicago Road, across from the GM Tech Center in Warren.

The owners of the venerable wine store - Dean, Chris and George Champane – added a bar that sells craft beer and ales.

"The retail store, which sells wine, liquor, craft beers and cheeses, was first opened in 1976," said Chris Champane.

We opened up the bar a couple of months ago. This allows us to cross-market and cross-sell beers and ales we carry in our retail store."

Champane said that when they

bars - or regional beers like Dogfish and Stone."

Champane said that while the bar is new, it isn't the first time the store offered something extra.

'We had a restaurant here in the mid-1980s," Champane said. 'We shut it down because it was expensive to operate and decidbusiness. I will also say that we don't make our own beer and

The feedback from the public has been terrific. Champane said. The comment most heard from customers, he said, is that they're surprised at all the variety of brew that are offered at the bar.

He added that customers have

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ed to expand the retail side of the have no plans to do so.'

hood place, but we're starting to get people from all over metro Detroit stopping by. We're becoming a bit of a destination.

"We're even getting people from around the state and outside Michigan. When people have relatives visit, they bring

Champane's is open seven

"We're offering some excellent

deals on both wine and beer for

the holidays," said Champane.

days a week, Champane said.

opened the store back in the 1970s, it made sense to specialize in wine.

But, over the years, tastes changed and the craft beer industry took off.

long way when it comes to craft beer." Champane said.

"I've heard that we're fourth in terms of craft beer, behind Colorado, Oregon and, I think, California.

Whatever the case is, there are a lot of local craft brewers in the state. So when we were looking for ways to expand, adding a bar that would carry these craft beers made perfect sense."

Many of the beers they have at the new bar, they also carry at their store, Champane said. And the beers they don't have for retail sale, they often have beers from the same brewers who make what is on tap.

We do a lot of limited releases," Champane said. "Things that are hard to find at stores or other

also said that they loved the idea of being able to taste a beer, and if they liked it, being able to buy it from the retail side of the oper-

ation.

"People have also told me that "Michigan has really come a they like the fact that the bar is quiet and that they can have a conversation," Champane said. "It's in a personalized environment that's intimate.'

> Champane said they rotate the beers that are served at the bar, so that there's always something new to try. He said the biggest surprise is just how many good local brews there are in Michigan.

> The craft beer industry here has taken off and Champane's offers customers a chance to sample what's out there.

"We serve some beers that can't be found in a bottle," Champane said. "But thanks to us, our customers are now able to try these beers.

"Right now, the three most popular beers we have on tap are

and beer.

ter, Champane said.

"We always do well with that room during sporting events,' Champane said. "Lately, with the Lions winning, we've done well on the Sundays they play.

Founders, Bell's and Short's."

Many of the Wine Cellar's cus-

They have also created a room

that can be rented out, where

people can sample wine, cheese

tomers work at GM's Tech Cen-

"I would say we're a neighbor-

Ford, New Analyst Look to Crystal Ball

them here."

Chris, left, and George Champane at their new bar

DEARBORN, Mich. (AP) – Ford has hired a former General Motors chief industry analyst to manage data collection and use it to help predict the future.

The Dearborn, Michigan, automaker on Dec. 15 announced that it has hired Paul Ballew, who most recently led global data operations at the Dun and Bradstreet analytics company.

CEO Mark Fields says Ford expects to get reams of data as more of its cars become connected to the Internet. If customers choose, the company could analyze driving patterns and predict when their car would need service, Fields said. Ford also could use real-time data to develop new products and apps, he said. Ballew will lead teams dealing with connectivity between customers and the Internet, autonomous cars and other mobility issues, Fields said.

"It's a crystal ball, but when you have the right analytics, you can make that crystal ball a lot clearer," he said.

Ballew, 50, left GM in 2007 to establish an analytics and customer insight unit at Nationwide Insurance. He then went to Dun and Bradstreet. Before GM, he served as senior adviser on auto industry conditions at J. D. Power and Associates.

A total of \$12,000 was raised from the auction. Proceeds will go to a college foundation that pays for scholarships and other student programs.

Oakland Community College has five campuses throughout Oakland County.

"It was the night of my graduation," Wilson told the Oakland Press.

"Not many people can say, 'Hey, you know, I blew up a building once.'

"I've got to say that this is the best graduation present I could ask for."

About 400 people were on hand to watch the building fall.

"The best part was when the top two stories fell," 10-year-old Daniel Fortino told The Detroit News. "How did they rig it so nothing else falls around it?'

Daniel was joined by his 10year-old friend Nick Bradburn.

"I thought it was gonna be one big bang and then the bottom would fall," Nick said.

Federal Government Puts More Pressure on Takata

DETROIT (AP) - Ford Motor Dec. 18, saying that it will work Co. has agreed to government with NHTSA and automakers to demands to expand a driver's side air bag inflator recall to the entire U.S.

The move announced Dec. 18 adds 447,000 Ford vehicles to the list of those recalled due to driver's inflators made by Japan's Takata Corp. The inflators can explode with too much force, spewing shrapnel into drivers and passengers.

Ford's action puts pressure on BMW and Chrysler, the only two automakers that haven't agreed to national recalls. The National Highway Traffic Safety Administration made the demand of five automakers, saying the inflators are dangerous. Honda and Mazda propellant, ammonium nitrate, have taken their recalls national.

Previously, the recalls were limited to high-humidity states mainly along the Gulf Coast.

The Ford national recall covers certain 2005-08 Mustangs and 2005-06 GT sports cars. The company also announced it would recall the same cars in Canada, Mexico and a few other countries. Dec. 18's announcement brings to just over 502,000 the number of Ford vehicles recalled for Takata air bags.

The automaker said in a statement that it's aware of one accident with an injury that could be linked to the air bags. Dealers will replace the inflators at no cost to customers.

Last month, NHTSA demanded that Takata and the five automakers recall driver's inflators across the nation. Takata and Chrysler have refused and could face legal action. BMW says it's still evaluating the demand.

Takata took out full-page advertisements in newspapers, including the Detroit Free Press on higher.

expand the recalls by increasing production capacity for replacement air bags. The company said it's exploring whether other companies' air bags can be used in replacement kits.

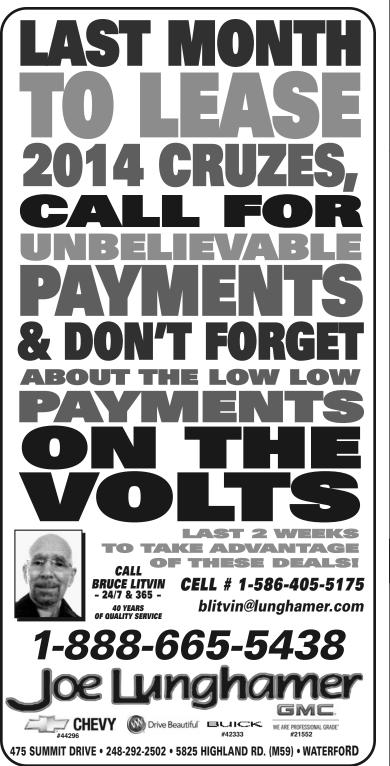
But in documents filed with NHTSA, Takata refused to do a national recall, saying it's not supported by testing data. The company also said NHTSA didn't have the authority to order a parts supplier to do a recall. The safety agency has threatened legal action if Takata and the remaining automakers don't comply with its demand.

NHTSA has said the inflator can burn faster than designed if exposed to prolonged airborne moisture. That can cause it to blow apart a metal canister meant to contain the explosion.

The safety agency says there's no data to support a nationwide passenger air bag recall, which so far has been held to the highhumidity states. In total, 10 automakers have models with Takata air bags, which have been blamed for at least five deaths and multiple injuries worldwide. So far, automakers have recalled about 12 million vehicles in the U.S. and about 19 million globally for similar problems.

U.S. recalls previously had been limited to Florida, Hawaii, Puerto Rico and the U.S. Virgin Islands. But recently, under pressure from NHTSA, automakers have expanded them to include Saipan, Guam, American Samoa as well as Alabama, Georgia, Louisiana, Mississippi and Texas - all areas with average annual dew points of 60 degrees or











Labor Groups at Odds Over **Being VW Employees' Voice**

CHATTANOOGA, Tenn. (AP) - rate, unreliable and out of date.' A labor group seeking to rival the United Auto Workers at the Volkswagen plant in Tennessee says it won't submit its list of members to the management until next month.

Supporters of the American Council of Employees told the Chattanooga Times Free Press for Dec. 14's editions that they want a voice under the new labor policy Volkswagen announced in November that requires a minimum of 15 percent of workers to qualify for regular meetings with management and access to plant meeting space.

The UAW, which lost a narrow union vote at the plant in February, submitted a list of its members almost immediately after the new policy was announced. An independent auditor last week verified that the union had signed up at least 45 percent of the workers at the plant.

That qualified the UAW for the top tier of the company's new labor policy, the first time the union has achieved a formal role within a plant owned by a foreign automaker in the South.

While the policy does not address collective bargaining or exclusive representation of workers, the UAW has vowed to press ahead to achieve those thresholds.

The American Council of Employees was formed by workers who opposed the UAW in the February vote.

Leaders were unsuccessful in their call for Volkswagen to accept only membership cards signed after the new labor policy was announced in November. Those same leaders now argue that the auditor counted several UAW cards that were "inaccu-

Volkswagen worker Mike Cantrell, the president of UAW Local 42, has called those claims as "bogus and without merit."

"UAW Local 42 is moving forward in collaborative talks with Volkswagen and will not be distracted by this nonsense," he said.

Meanwhile at the Nissan Motor Co. in Smyrna, The Daily News Journal reported that union officials allege that more than half of the plant's 8,000-plus workers are temporary employees.

"The majority of their workforce is employed by a third-party agency with no commitment whatsoever to the workers." said Mike Herron, chairman of the UAW Local 1853 that represents employees at the General Motors factory in Spring Hill.

UAW has twice attempted to unionize the 31-year-old Nissan factory when it had a larger makeup of direct employees, but was unable to persuade the majority of the workers to agree to the collective-bargaining representation.

Nissan spokesman Justin Saia declined to confirm or deny the UAW assertion that more than 60 percent of the workforce at the Smyrna car factory is temporary employees with a company contractor.

"We do not provide that level of detail concerning the operations of our plants for proprietary reasons," Saia said. "However, the use of contract

workers (associates) is a common practice throughout the industry.

"We strive to maintain a level of associate workers that is complementary to these industry standards.





Where's Santa? OnStar Will Let You Know

This Christmas, finding out where Santa Claus is during his famous holiday run will be a push of a button away.

For the sixth consecutive year, OnStar is providing U.S., Canada and Mexico subscribers the opportunity to learn Santa's whereabouts on his journey across the globe Christmas Eve.

With a press of the blue OnStar button, subscribers can be informed of Santa's location at that moment in time, said GM spokesperson and jolly old elf expert Stefan Cross.

the North American Aerospace Defense Command's (NORAD) Track Santa program, anyone with an active OnStar subscription can request a "Santa Update" between 7 a.m. on Dec. 24 and 5 a.m. EST on Dec. 25.

OnStar advisors will provide Santa's location based on NO-

Forrester Named Purchasing Head At FordDirect

FordDirect, a joint venture between Ford Motor Company and its franchised dealers, appointed Jeff Forrester as director of Purchasing, a position within the newly created department at FordDirect.

In his role, Forrester will be primarily responsible for vendor management and contracts, working with internal teams to achieve cost reductions, quality maintenance, policy compliance and risk mitigation while driving business objectives. As head of the department, Forrester will report to Beth Hill, general counsel and chief compliance officer.

"As a practical, experienced executive who has successfully managed large, complex transactions, Jeff is well-positioned to lead and shape the new purchasing department," said Stacey Coopes, FordDirect CEO.

"As FordDirect continues its growth, his expertise in purchasing and procurement will be instrumental to the company's success and long-term sustainability.'

Forrester has deep automotive experience, Coopes said, having worked for both automotive suppliers and OEMs, including Ford Motor Company. Prior to joining FordDirect, he was a senior buyer at General Motors where he was responsible for the procurement of commodities, including technology and telecommunications.

In addition to his automotive experience, Forrester, said Coopes, has extensive strategic and tactical experience in vendor risk management, contract negotiations, business process outsourcing, insourcing, RFPs/RFQs, SOW development, RAD's official Santa Tracker Map. "My 2-year-old son has finally reached the age where he is excited about Santa," said Keitha Martin, a GMC Acadia owner and OnStar subscriber.

"This year, we will be following Santa's journey to deliver his gifts through OnStar. My husband and I are just as excited for this magical experience.'

And for each Santa call received, OnStar will donate a dollar to United Way for Southeastern Michigan.

"We are grateful to OnStar for Through collaboration with making United Way for Southeastern Michigan the recipient of dollars raised through the program to chart Santa's progress," said United Way for Southeast Michigan president and CEO Michael J. Brennan.

"We are pleased to be part of a program that brings such delight to so many during this holiday season."

OnStar is dedicated to the safety and security of subscribers year-round.

To accommodate the volume of calls seeking Santa's location, advisor staffing is adjusted, Cross said.

We are happy to provide our subscribers with a special way to get into the holiday spirit," said Terry Inch, OnStar chief operating officer.

'OnStar's advisors enjoy responding to these calls and helping make the season a little more joyous."

Individuals without an OnStar subscription can follow Santa's journey via the NORAD Tracks Santa website, Facebook page, Twitter hashtag #NORADSanta or by calling the hotline at 1-877-HI-NORAD (1-877-446-6723).





contract management and process reform.

Former GM Plant Site of Glass Firm

DAYTON, Ohio (AP) - A Chinese company is beginning to hire at an automotive glass-making plant in southwest Ohio expected to revitalize a former General Motors factory site.

Fuyao (FWEE'-ow) Glass Industry Group Co. paid \$15 million for the former auto plant in Moraine and plans a \$230 million investment.

The Dayton Daily News reports the company announced plans to fill 430 salaried and production jobs by spring. The company hopes to have 630 employees in place by the end of next year and eventually employee 800 to 1,000 people.

The plant will primarily produce windshields, sunroofs and side windows.

Dennis

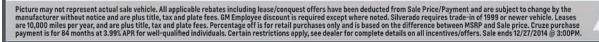


PORTAGE, Ind. (AP) - A Southfield company that makes automotive seating and electrical distribution systems has announced plans to spend \$7.3 million to lease and equip a new 93,000-square-foot facility in northwestern Indiana.

Lear Corp. says it plans to create up to 96 jobs at the facility in Portage, 30 miles east of Chicago. Lear says the facility will allow the company to increase storage space, optimize production requirements and meet increased industry demand for Ford Explorer seat systems.

Lear has about 1,200 full-time employees in Indiana. It plans to begin hiring production assem-

The Indiana Economic Development Corporation offered Lear Corporation up to \$675,000 in conditional tax credits based on its job-creation plans. The city of Portage approved additional incentives.



'Ford is Delivering an Easier Way for Customers to Stay Connected' – VP Raj Nair

Ford showed the world what the future will bring when the automaker introduced SYNC 3.

The new communications and entertainment system, Ford says, is faster, more intuitive and easier to use with enhanced response to driver commands.

SYNC 3's more conversational voice recognition technology, a more smartphone-like touch screen and easy-to-read graphics will help millions of drivers connect with their lives and control their smartphone while on the road.

Ford spokesperson Alan Hall said that the SYNC 3 was developed with an unprecedented amount of customer input.

"We defined the performance specs and feature set based on the public's expectations for a next-generation system," Hall said

The next-generation system builds on the capability of SYNC technology already in more than 10 million SYNC-equipped vehicles on the road globally, said Hall

SYNC 3 begins arriving on new vehicles next year.

"Ford is delivering an easier way for customers to stay connected," said Raj Nair, Ford chief technical officer and group vice president, Global Product Development.

"SYNC 3 is another step forward in delivering connectivity features customers most want, and they tell us this kind of technology is an important part of their decision to buy our vehicles.

Ford took a customer-centric approach in developing SYNC 3, drawing on 22,000 customer comments and suggestions, said Nair, plus insights gleaned from research clinics, market surveys and tech industry benchmarking.

"SNYC has definitely driven increases in purchase consideration and satisfaction with products," Hall said. "Over 70 percent of SYNC owners report that it played a critical or important role in their vehicle purchase decision."

for hands-free use, an all-new touch screen delivers an experience similar to a smartphone or tablet.

Quicker response to touch as well as voice commands and smartphone-like gestures including pinch-to-zoom and swipe are central to SYNC 3, along with "crisp, modern graphics," Hall said

A bright background and large buttons with high-contrast fonts for daytime use help reduce screen washout in the sun.

At night, the display automatically switches to a dark background to help reduce eve fatigue and minimize reflections on the windows.

"We considered all the modern smartphones and mobile operating systems and created something familiar but unique," said Parrish Hanna, Ford global director of Human Machine Interface.

SYNC 3 reduces on-screen complexity and prioritizes the control options customers use most, Hall said. The home screen features three zone choices -Navigation, Audio and Phone. Tile-like icons dominate the screen, with a quick access function tray along the bottom making for a more straightforward user experience.

Phone contacts are searchable via a simple swipe of the finger to scroll through the alphabet. With "One Box Search," SYNC 3 users can look up points of interest or enter addresses in much the same way they use an Internet search engine.

"Simplicity has value," said Hanna. "Reducing the number of things on-screen also makes control easier and is designed to limit the number of times a driver has to glance at the screen.'

The new SYNC minimizes the number of steps needed to carry out a command, Hanna said. With SYNC 3, simply saying, "play song, artist, album or genre" prompts the system to play the desired song, artist, playlist or album; there is no

Ford Elects New Board Member

William E. Kennard has been elected to Ford Motor Company's board of directors, effective Jan. 1.

In addition, long-time Ford board member Dr. Homer Neal has elected to leave the board, effective Dec. 31, after serving 18 vears.

Kennard, 57, is the former chairman of the U.S. Federal Communications Commission (FCC) and former U.S. Ambassador to the European Union.

He currently is chairman and co-founder of Velocitas Partners, an asset management firm, and a member of the Operating Executive Board of Staple Street Capital, a private equity firm. He serves on the boards of directors of AT&T Inc., MetLife and Duke Energy Corporation. "Bill has a wealth of experience, particularly in telecommunications, where he has spent years shaping policy and pioneering initiatives to improve the benefits of technology for consumers worldwide," said Ford executive chairman Bill Ford. "As we accelerate our work in the areas of in-car connectivity and mobility, his unique perspective will help guide our strategy and Blueprint for Mobility forward."



Although SYNC 3 is optimized need to identify the desired category. To switch back to a radio station, the user just says the name of the SiriusXM station or terrestrial radio station number.

> Voice search results are enhanced by a better understanding of how consumers refer to businesses and points of interest, Hanna said. Drivers don't have to know an exact name.

> They can search for "Detroit Airport" rather than using the official name, "Detroit Metropolitan Airport." With addresses, they can say, "Eleven Twenty-Five Main Street" instead of "One One Two Five Main Street.'

> When connected to an Apple iPhone, SYNC 3 offers seamless integration of Siri Eyes-Free control. Drivers can seek Siri's help by holding down SYNC's "Push to Talk" steering wheel button much as they would hold down the button on an iPhone to initiate a Siri session.

> AppLink allows customers to connect their smartphone to their vehicle and control their compatible apps using voice commands or buttons on the vehicle display screen. AppLink automatically discovers now including smartphone apps Spotify, Pandora, Stitcher, NPR SiriusXM One, Radio and



Ford's SNYC 3 screen

iHeartRadio Auto, and displays their unique graphics and branding

Music and news apps are automatically displayed along with other media sources, just like AM/FM or SiriusXM.

"Overall, AppLink is faster, more responsive and easier to find your apps," said Julius Marchwicki, Ford global product manager, AppLink. "The overall design of SYNC 3 allows for better integration with smartphones - resulting in a more user-friendly experience."

Developers easily can integrate branded apps into AppLink, providing Ford customers with an experience on the vehicle screen similar to what they see on smartphone screens. SYNC 3 also features the new ability to update the software via Wi-Fi. Once a vehicle is set up with credentials for a home Wi-Fi network accessible in a customer's driveway or garage, for example, it can automatically download updates.

SYNC 3, like earlier generations of the technology, provides subscription-free emergency service 911 Assist

The customer's Bluetooth-connected phone is used to dial 911 in the event of a significant accident, alerting first-responders with the vehicle's location.

With SYNC 3, the car relays additional information, including if airbags were deployed, the type of crash (front, side, rear or rollover) and the number of safety belts detected in use, in order to help emergency call takers dispatch the appropriate resources to the scene.

Catch Detroit Auto Scene when you're on the go.



Kennard will serve on the Ford board of directors' Nominating and Governance Committee.

His career spans more than three decades in law, telecommunications and private equity. Before his appointment as FCC chairman in 1997, Kennard

William E. Kennard

served as the FCC's general counsel from 1993 to 1997.

As U.S. Ambassador to the European Union from 2009 to 2013, he worked to eliminate regulatory barriers to commerce and to promote transatlantic trade, investment and job creation.

In addition to his public service, Kennard was from 2001 to 2009 a managing director of The Carlyle Group, where he led the firm's investments in the telecommunications and media sectors.

He also has served on several boards in the fields of telecommunications and media, insurance and energy, as well as on the boards of various nonprofit organizations.

He currently serves as a Fellow of the Yale Corporation and is a member of Secretary of State John Kerry's Foreign Affairs Policy Board.

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