# Tech Center News

### WARREN, MICHIGAN

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**Covers the Tech Center and the Immediate Area** 

**DECEMBER 8, 2014** 

## Colorado Earns Motor Trend's 'Truck of Year'

After its most comprehensive truck evaluation program in history, Motor Trend has selected the Chevy Colorado as its 2015 Truck of the Year.

Motor Trend's Truck of the Year program is open only to all-new or significantly updated trucks and vans for the upcoming model year, said GM spokesperson and refreshingly honest truck Otie McKinley.

For 2015, seven contenders were invited to compete; three competitors were asked to bring a powertrain and/or body style variant for a total of 10 vehicles overall:

• Chevrolet Colorado WT and Colorado Z71;

 Chevrolet Silverado 3500 HD;

• Ford F150 2.7L EcoBoost and 3.5L EcoBoost;

• Ford F-450;

• Ford Transit 350 HR and Transit 150 MR;

• GMC Canyon SLT;

• GMC Sierra Denali 2500 HD.

The 2015 Colorado emerged as Motor Trend's 2015 Truck of the Year by a rare unanimous vote. The editors were particularly impressed with Colorado's handsome, clean-sheet design, "rightsized" package, excellent handling and overall capability. Colorado's powertrains also returned best-in-class fuel economy, according to Real MPG and EPA testing.

dreds of miles on the road, and our most rigorous truck testing program to date, our editors unanimously selected the Chevy Colorado as our 2015 Truck of the Year," said Edward Loh, Motor Trend's editor-in-chief.

"Colorado is a smart, capable, that makes a strong value and efficiency statement. It's perfectly sized and suited for the needs of many of today's truck users."

'The Chevrolet Colorado offers customers the versatility of a pickup in a powerful, refined, fuel-efficient midsize package, with up to 27 mpg EPA highway," said Sandor Piszar, Chevy Trucks marketing director.

"For Colorado to emerge from Motor Trend's thorough evaluation as the 2015 Truck of the Year shows how Colorado is changing the game by offering truck

"After days of testing, hun- customers fresh new choices." To determine which truck de-

served top honors, the Motor Trend test team subjected all of the contenders to numerous instrumented and real-world road tests, Loh said, including Motor Trend's standard testing and other more trying tests for load carrying, acceleration, braking, maneuverability and outward visibility. The final phase of evaluation involved a 21-mile road loop through hills of Arizona's Hualapai Mountains.

Following the team's intensive evaluation, Loh said, the trucks were shipped to Motor Trend headquarters in El Segundo to undergo proprietary "Real MPG" fuel-economy testing. Using advanced exhaust gas and flow-rate analyzers, Real MPG measures tailpipe emissions every second



CONTINUED ON PAGE 3 Ed Loh presents GM CEO Mary Barra with Truck of the Year award.

### **Students from 48 Schools Learn at MCC STEM Event**

by Jim Stickford

Macomb Community College had a simple message to get out at its Robotics, Engineering and Technology Days event - there are good jobs out there for people who take the time and effort to get educated in STEM fields.

Joseph Petrosky, dean of Engi-

neering and Advanced Technology at MCC, said the two-day gathering, which was held Dec. 2-3, is designed to show junior high school students from across Macomb County the advantages of knowing science.

"The day is designed around different learning pods (areas) that put on demonstrations that

last about 20 minutes," Pet- have different kinds of batteries rosky said. "The demonstrations are also designed to be interactive.

"The students get to do, as well as see, things. For example, we have a pod that had radiocontrolled, battery-powered cars."

These cars, Petrosky said,

that have different chemical makeups. "Students got to see in a real way how long different batteries last," he said. "They also got to talk with teachers about the pros and cons of different batteries and how automakers

CONTINUED ON PAGE 3

# **Every Chrysler Brand Sees Sales Increase**

Chrysler's November U.S. sales of 170,839 units was a 20 percent increase over last year, and the group's best November sales since 2001.

The Chrysler, Jeep, Dodge, Ram Truck and Fiat brands each posted year-over-year sales gains in November compared with the same month a year ago.

The Ram Truck brand's 31 percent increase was the largest sales gain of any Chrysler brand and the brand's best November sales since 2003.

On the individual model side, "Sales of our all-new Chrysler 200 sedan were up a strong 155 percent in November compared with a year ago, helping Chrysler Group to achieve its 56th consecutive month of year-over-year sales gains," said Reid Bigland, head of U.S. Sales.

"In total, we had 11 vehicles last month that set new sales records. Calendar year to date, Chrysler Group remains the fastest-growing automaker in the country.

Eleven Chrysler vehicles set records in the month of November, Bigland said. The Dodge Dart, Ram ProMaster and Ram Cargo Van each recorded their best-ever monthly sales.

In addition, the all-new Jeep Cherokee, Jeep Wrangler, Jeep Patriot, Chrysler 200, Dodge Challenger, Dodge Journey, Fiat 500L, and Ram pickup truck logged their best-ever November sales.

CONTINUED ON PAGE 2



2015 Dodge Dart

# Auto Sales 'Very Healthy,' Says GM's McNeil

General Motors Co. dealers in highest November SAAR since is strong, said McNeil. The Buick the United States delivered 225,818 vehicles last month for the company's best November sales in seven years.

compared with a year ago, retail lion-16.5 million range GM foredeliveries were up 11 percent.

2003, said Kurt McNeil, U.S. vice brand had its best November president of Sales Operations.

SAAR is 16.5 million units, which Sierra had its best November Total sales were up 6 percent is the upper end of the 16.0 mil- sales ever.

since 2003. GMC had its best No-Calendar year to date, the vember since 2001, and the GMC



2015 Buick Encore

GM estimates that the seasonally adjusted annual selling rate (SAAR) for light vehicles in November was 17.1 million, the

sales were up 5 percent and fleet casted at the beginning of the year.

Demand in November was robust for everything from smaller cars and crossovers to big trucks - all segments where GM

At Chevrolet, the Spark, Cruze and Equinox also had their best November sales ever, Silverado had its best November since 2006 and Traverse had its best

#### **CONTINUED ON PAGE 8**

# **Mustang's November Sales Best in 8 Years**

Ford Motor Company U.S. quarter of next year, so while sales totaled 187,000 vehicles in November, down 2 percent from a year ago.

The overall sales decline was anticipated, said Ford spokesman Erich Merkle. as Ford manages its inventory levels while vehicle availability starts growing for the new Ford Mustang, F-150 and Transit models.

"When you start taking a look, we just got Dearborn Truck up and running and we still have Kansas City to go in the first we're going through that transitionary process we're going to be very mindful and manage our incentive spend, relative to our inventory levels, to make sure that we're able to maintain inventory volumes as we move through the entire transition, which will take us into next year," said Merkle.

"Our all-new Mustang is moving quickly off dealer lots," said John Felice, Ford vice president, U.S. Marketing, Sales and Service.

"Mustang had its best November sales in eight years and is turning in just eight days on dealer lots, on average. Escape saw record sales for November, while Lincoln sales continue gaining momentum, with the brand posting its best sales since 2007.'

Escape sales increased 22 percent versus last year with 25,528 vehicles sold, representing the vehicle's best-ever November performance. Explorer sales of

CONTINUED ON PAGE 8

2015 Ford Escape

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**Pressure Mounts for Nationwide Takata Air Bag Recall** 

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### GM's Approved Ignition Switch Death Total at 36

DETROIT (AP) – At least 36 people have died and 44 have been seriously 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. 1.

Feinberg says he has received 229 death claims and 1,986 injury claims since August.

The fund has made compensation offers to 57 of the 80 eligible claimants so far. Thirty-five have accepted; 20 have been paid.

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.

### GM Recall Cites Headlight Issue

DETROIT (AP) – General Motors is recalling 316,357 vehicles in North America because their headlights can stop working.

The recall affects the Buick LaCrosse sedan and the Chevrolet Trailblazer, GMC Envoy, Buick Rainier, Saab 9-7X and Isuzu Ascender SUVs. All of the vehicles are from the 2006 through 2009 model years.

GM says the low-beam headlights or daytime running lamps could intermittently or permanently stop working. If that happens, it increases the risk of a crash, said GM officials.

The issue doesn't affect the high-beam headlights, fog lamps or turn signals.

GM says it hasn't yet determined whether the defect has caused any accidents. Dealers will replace the defective headlights for free.

The recall is GM's 79th in North America this year. The automaker has recalled a record 30.4 million cars and trucks in the region. WASHINGTON (AP) – Japan's assurance, told a House subcom-Takata Corp. rejected federal regulators' demand Dec. 3 for an expanded, nationwide recall of mil-NHTSA has authority to seek

NHTSA has authority to seek recalls only from auto manufacturers and makers of replacement parts, not from original parts suppliers – a position NHTSA contests.

Shimizu insisted that the air bags are safe: "I would drive a car with a Takata air bag."

David Friedman, NHTSA deputy administrator, said he was "deeply disappointed" by Takata's response.

The agency is now gathering proof that a recall is needed, which it will present at a public hearing. After that, NHTSA could order Takata to undertake a recall, and could take the company to court if it refuses. But Friedman acknowledged that could take months.

"It's time for industry to step up," Friedman told lawmakers. "Until (Takata) and automakers act, affected drivers won't be protected."

The stalemate is likely to add to the confusion among car owners, many of whom are already bewildered because some of the recalls have covered driver'sside air bags, while others applied to passenger-side air bags, and a few covered both. The NHTSA-demanded recalls would involve driver's-side air bags.

At the Dec. 3 hearing, Rep. Jan

Schakowsky of Illinois, the panel's senior Democrat, said she has received letters from constituents "who are literally afraid to drive their cars."

Rep. Billy Long, R-Mo., warned that driving a car with a Takata air bag is "tantamount to driving down the highway with a shotgun pointed at you."

Drivers whose cars have been recalled should have received notices in the mail. A driver can also key in the vehicle's identification number at www.safercar-.gov or call the dealer to see if the car is covered.

But for those outside the recall zone who want to know if their air bags are safe, things get trickier. It's difficult to tell if a car has a Takata air bag inflator. Car owners can try asking their dealer, but even they may not know.

Honda is Takata's largest customer, but the company also made air bags for Ford, Chrysler, Mazda and BMW. Mazda said last week that it will probably expand its recall, while BMW said it is evaluating the situation.

Ford and Chrysler both expanded passenger air bag recalls last week to include states outside of the initial high-humidity zones. But neither automaker recalled additional driver's-side air bag inflators.

In a statement late Dec. 3, NHTSA said Chrysler's response was insufficient, and its plan to notify customers in January is too late.

Rick Schostek, executive vice president of Honda North America, said Honda is acting even though Takata hasn't identified problems beyond the current recall areas. Honda didn't say how many vehicles will be recalled, but the recall includes some of its most popular vehicles, including the 2001-07 Accord sedan and the 2002-06 CR-V SUV.

"Our customers have concerns and we want to address them," Schostek said.

Lawmakers expressed frustration that, after a decade, Takata still isn't certain about the cause of the explosions. They also questioned whether the replacement air bags made by Takata will be safe.

Takata said it has tested 1,057 inflators taken from locations outside the high-humidity zone, and none of them ruptured.

The Dec. 3 hearing was the second in Congress regarding Takata air bags. Earlier this year, Congress held a series of highly publicized hearings into General Motors' handling of a recall of cars with defective ignition switches that are now linked to 36 deaths.

"I'm sorry to say that it has been a bad year for auto safety," Rep. Fred Upton, R-Michigan, said at the hearing's opening.

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## **Every Chrysler Brand Sees Sales Increase**

### CONTINUED FROM PAGE 1

Besides the Chrysler 200 individual sales record, the Ram Truck and Chrysler brands recorded the largest percentage sales gains of Chrysler brands in November.

lions of air bags, setting up a pos-

sible legal showdown and leaving

some drivers to wonder about

Motor Co. decided to act on its

own and recall cars with the po-

tentially defective equipment in

all 50 states. But other automak-

ers have yet to make a decision.

At issue are air bags whose in-

flators can explode with too

much force, hurling shrapnel into

the passenger compartment. At

least five deaths and dozens of

injuries have been linked to the

and 10 automakers issued a

series of recalls covering 8 mil-

lion cars in the U.S., mostly in

high-humidity areas such as the

Gulf Coast, because of evidence

that moisture can cause the pro-

and North Carolina, the National

Highway Traffic Safety Adminis-

tration began pressing for the re-

call of 8 million more vehicles

from coast to coast - a demand

evidence to change from a regional recall to a national recall,"

Hiroshi Shimizu, Takata senior

vice president of global quality

"There's not enough scientific

But after incidents in California

pellant to burn too quickly.

that Takata flatly rejected.

Over the past six years, Takata

problem worldwide.

Amid the standoff, Honda

the safety of their cars.

Chrysler finished the month with an 80 days supply of inventory, Bigland said. U.S. industry sales figures for November are internally projected at an estimated 17.5 million units Seasonally Adjusted Annual Rate (SAAR).

Sales of the Ram pickup were up 21 percent in November, its 55th consecutive month of yearover-year sales gains, Kisiel said. It was the pickup truck's bestever November sales. Ram Light Duty sales increased 30 percent in November while Ram Heavy Duty pickups were up 3 percent.

Ram Truck brand sales, which include the Ram ProMaster van and Ram Cargo Van, were up 31 percent, the brand's best November sales in 11 years.

Both the ProMaster and Cargo Van recorded their best-ever monthly sales last month.

Chrysler brand sales were up 30 percent, the brand's best November sales since 2007. Sales of the Chrysler 300 increased 18 percent last month, the full-size sedan's best November sales in seven years.

Jeep brand sales were up 27 percent, the brand's best sales performance ever in the month of November and its 14th consecutive month of year-over-year sales gains. The Jeep brand has set a sales record in each month this year, including its all-time sales record in May.

The Jeep Cherokee, Wrangler and Patriot each logged their best-ever November sales. The new Cherokee was the brand's highest-volume seller for the third straight month.

Dodge brand sales were up slightly year-over-year in November, the brand's best November sales since 2007.

Sales of the Dodge Dart were up 39 percent, the compact sedan's best-ever monthly sales, eclipsing the all-time record it set in May of this year.

The Dodge Challenger and Dodge Journey each recorded their best-ever sales for the month of November. The Challenger's 51 percent increase was the largest percentage sales gain of any Dodge brand model in the month.



# ANSWER THE BIG QUESTIONS:

### Toyota Recalling 30,000 Minivans

LOS ANGELES (AP) – Toyota is recalling about 30,000 Sienna Minivans worldwide, saying the 2015 models' overhead assist grips can detach when an air bag deploys.

The automaker says that the grips, which are mounted to the minivans' roof rails, could detach from the mounting bracket under some conditions, potentially injuring passengers.

Toyota representatives say the company is not aware of any injuries or fatalities caused by the problem.

Dealers will modify the headliner under the second row overhead assist grips at no cost to owners.

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# **Tech Center News**

**DECEMBER 8, 2014** 

COVERS THE TECH CENTER AND THE IMMEDIATE AREA

### New Year's Day: No. 1 Holiday for Vehicle Thefts

Car thieves don't take a break for the holidays, according to new data recently released by the National Insurance Crime Bureau.

NICB's 2013 Annual Holiday Vehicle Theft Report analyzes data from the National Crime Information Center (NCIC), which showed 708,909 vehicle thefts for the year, said NICB spokesperson Carol Kaplan.

The NICB also reminds drivers to take extra care during the busy holiday shopping season, Kaplan said.

Aside from vehicle thefts, vehicle burglaries also increase in activity.

According to NICB recommendations, drivers should make sure they park in well-lit areas, keep packages in the trunk, and leave nothing visible in the interior.

Also, as always, ensure that your vehicle is locked before leaving it.

"New Year's resolutions apparently didn't stop thieves on Jan. 1. 2013," Kaplan said.

"It turned out to be the number one holiday for vehicle thefts with 2,184 vehicles stolen."

Holidays ranked by the number of thefts in 2013 were:

• New Year's Day (2,184)

- Halloween (1,998)
- Memorial Day (1,972)
- Labor Day (1,915)
- Presidents' Day (1,894)
- Christmas Eve (1,774)
- Valentine's Day (1,757)
- Independence Day (1,750)
- New Year's Eve (1,715)
- Thanksgiving (1,353)
- Christmas Day (1,224)

By comparison, the day in all of 2013 with the most vehicle thefts occurred on Aug. 12 with 2,316, Kaplan said.

The holiday in all of 2013 that had the fewest vehicle thefts was Christmas Day with 1,224.



Joe Petrosky, Malow Junior High students Mary Gjelaj and Olivia Grasl.

### Colorado Named Truck of the Year

CONTINUED FROM PAGE 1

during a three-hour, 88-mile drive around the Los Angeles area to record accurate real-world fuel economy.

Once testing was completed, select Motor Trend editors determined which truck would be Truck of the Year.

The winner is not chosen from a direct comparison against the other contenders, Loh said, but rather as a result of how each contender performed in testing and against the award's six criteria: Design Advancement, Engineering Excellence, Efficiency, Safety, Value, and Performance of Intended Function.

"When you receive such a prestigious award," said McKinley, "it validates what you've done.

"I wouldn't say we were surprised to see the Colorado so honored, but the truck segment is so competitive and there are a

lot of good trucks out there. So having the Colorado win was really an honor."

When the news went out, McKinley said he received some congratulations from colleagues in the auto industry and he noticed that the Internet's social media also picked up the story and it received a lot of play there as well

"This is a big award and it's just nice to see that people really value what we've done," McKinley said.

## **Students from 48 Schools** Learn at MCC STEM Event

CONTINUED FROM PAGE 1

face the same problems when they have to decide what kinds of batteries to put in electric cars and hybrids.'

MCC spokesperson James Melton said that 48 schools went to the event over the two days.

What's new this year, Petrosky said, is that the college held an evening event to which parents and students were invited.

"The evening event, called 'Explore Careers in Manufacturing and Technology,' is more practical," Petrosky said. "Attendees get to meet with representatives from different companies around Michigan to find out just what jobs are out there and what qualifications are needed to get those jobs.'

Part of the reason why the school holds these events, Petrosky said, is to change the way people think of manufacturing.

"I'm from Detroit and, as I was growing up, people thought working in a factory meant working in a dark, dank unpleasant environment doing a job that required no imagination or thinking skills. "And the pay might not be that great, either.

"But that's changed," Petrosky said. "Manufacturing jobs in Michigan pay an average salary of \$79,000, and the salaries have been outpacing those of non-manufacturing jobs that don't require a college degree."

And, Petrosky said, manufacturing jobs are returning to Michigan, creating a real demand for workers with the right kinds of skills.

Dan Claus, a professor in MCC's Auto Service department, said he teaches a program on how to work on GM vehicles. He said his pod shows students that the technology that goes into today's cars requires knowledge that didn't exist in their parents' time

Robert Feldmaier, director of Advanced Automotive Technology department at MCC, said he and his colleagues are focusing their education efforts on showing students the technology that goes into automated vehicles.

"The ultimate goal," Feldmaier said, "is to build a car that will drive itself - a truly autonomous vehicle. But that's the future.

"Today's vehicles, especially the luxury ones, use automated technology such as lane departure warning and active brake systems. This technology will migrate to less expensive cars.

"There is a growing need for people who understand these systems and know how to repair them. That's the message we're trying to get out today.

"Plus, the kids do love holding drag races with radio-controlled cars. Who says science can't be fun?'

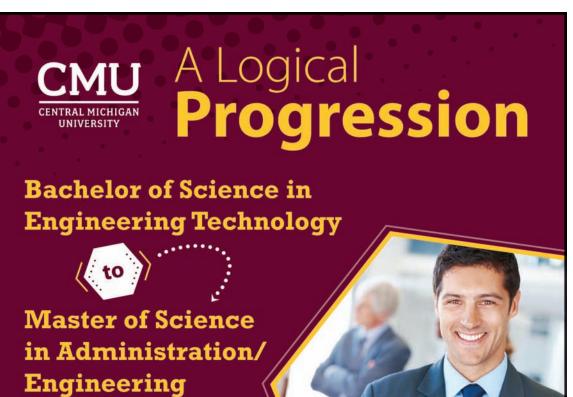
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# **Chevy Dealer's Blood Drive** Answers Area Holiday Needs

son, the call goes out for more and more volunteers to give blood.

why Buff Whalen That's Chevrolet in Sterling Heights, along with radio station WOMC, held a Southeast Michigan Red Cross-sponsored blood drive on Dec. 5.

"We constantly need blood donations," said Bridget Mc-Cormick, donor recruitment representative for the Southeast Michigan Red Cross.

"We've been working with Buff Whalen for many years. They hold four drives a year and they hold them at times when we need blood - the Christmas holiday season and the summer."

The reason those times are especially vital for blood collection, McCormick said, is because there is a daily need for blood

The new facility, as of Dec. 1,

is home to the company's GKN

Driveline and GKN Sinter Metals

In addition to serving as re-

gional headquarters for both

groups, the new site also houses

employees from GKN's Land Svs-

tems and North American Servic-

The 168,000-square-foot facility

GKN has been headquartered

is located on an 11.2-acre site at

2200 N. Opdyke Road, previously

in Auburn Hills since 1986, and

has more than 350 employees at

the new location. In addition to

employees from the previous

headquarters, GKN consolidated

an additional 40 team members

from a facility at 36200 Mound

plex provides state-of-the-art

testing and validation equipment

along with additional engineering

design areas for driveline and

'GKN's new headquarters com-

Road in Sterling Heights.

occupied by Showcase Cinema.

Auburn Hills.

divisions.

es groups.

In the midst of a holiday sea- and they don't hold drives on Thanksgiving, Christmas and New Year's Day. But hospitals are still open and people still need transfusions.

> "During these days and during the summer, people are busy they're on vacation and traveling, so they don't have time to donate," McCormick said.

> "But we need blood most during these times because a lot more people are traveling, which means more accidents, which means more need for blood."

> McCormick said that people interested in donating during this holiday season can contact the Red Cross by going to its Web site www.redcrossblood.org.

> Tom Bechtell, general manager of Buff Whalen Chevrolet, donated blood on Dec. 5, and said the dealership started holding blood drives just after 9/11.

"That's 13 years now," Bechtell said. "That's hard to believe. But we realized that this is something worth doing, so we've made it a regular thing. We hold four drives a year. Our next drive is on Friday, March 6."

"They say that every donated pint of blood can save three lives," McCormick said. "That

Michigan Economic Develop-

ment Corporation and the City of

Auburn Hills for helping the com-

pany build its headquarters in

interesting facts about GKN's

building foundation and its park-

ing lot were both recycled and

used as base material for the new

Petrelecan said there are some

• The old Showcase Cinema

the city.

new facility

**GKN Employees Settle into New Digs in Auburn Hills** Gov. Rick Snyder's office, the building and parking lot. All metals from the previous structure were sorted and recycled.

means a drive like this that gets

200 donations can save 600 lives.

only 42 days, and platelets are

good for only five days. We con-

stantly need blood, so we are so

grateful that WOMC and Buff

Whalen Chevrolet have donated

their time and resources for this

"Donated blood is good for

• There are 21 conference rooms in the new building. All rooms are named after lakes in Michigan.

• The site has been reforested with new trees, including more than 25 evergreen trees that are 20 feet or taller along its north property line, to give the site a corporate park feel.

### Eaton Does Well with Automakers

Power management company Eaton has engine boosting, and fuel- and emissions-saving technologies on 21 of the 38 engines nominated by WardsAuto for its 21st annual "10 Best Engines competition," said Eaton spokesperson Jim Michels.

This year's nominees feature a wide range of powertrain types and sizes, ranging from three- to eight-cylinder gasoline, diesel compressed-natural-gas and (CNG) internal combustion engines to hybrid- and full-electric systems and fuel cells, Michels said. Eaton's supercharger, valvetrain, valve-actuation, fuel management and emissions control technologies help improve the efficiency, safety and overall performance of these diverse engine and fuel systems, he said.

"Our global engineering, design and manufacturing capabilities allow us to work closely with

leading automakers to meet stringent regulations and changaround the world," said Gerard DeVito, vice president of technology for the company's Vehicle Group.

### **Ford's Former Marketing Leader Bob Rewey Dies**

Retired Ford marketing executive Robert L. Rewey died in his home in Palm Beach, Fla., on Saturday, Nov. 29. He was 76.

Rewey was born in Springfield, Ohio, and married his wife Suzanne in 1963, the same year he joined Ford.

Rewey's last position at Ford was as group vice president, Global Consumer Services and North America.

He retired from Ford in 2001, after spending 38 years with the company.

Rewey was appointed to his last position in January 2000. He had been group vice president, Marketing, Sales and Service for Ford Automotive Operations.

He also served as group vice

Automakers Will Join to Investigate Takata Air Bags

by TOM KRISHER AP Auto Writer

DETROIT (AP) - Automakers that sell cars equipped with air bags made by Takata Corp. are teaming up to investigate why the bag's inflators can explode with too much force and spew shrapnel into the passenger compartment.

The companies announced the plan Dec. 2, and said they want to supplement tests that are under way now at Takata, the Japanese supplier at the center of a growing recall crisis.

So far, 10 automakers have recalled 14 million vehicles worldwide due to problems with the air bag inflators, including 8 million in the U.S. The recalls started a decade or so ago, and Takata has given various explanations for why the inflators can malfunction.

In a statement, Toyota said it will seek industrywide coordination to hire an independent engineering company, and all the affected companies would share in the results to figure out recall repairs. Other automakers, including Honda and Ford, agreed to cooperate.

The announcement came a day before Takata flatly rejected a NHTSA demand that Takata issue a national recall of driver's side air bag or face civil fines and legal action.

A nationwide recall would cover millions of additional vehicles. Some of the biggest recalls so far have been limited to high-humidity areas in the Southern U.S., plus Hawaii and some territories.

At least five deaths worldwide have been blamed on the problem.

NHTSA says its is gathering proof that a recall is needed.

Robert L. Rewey

great marketing visionary, but also a great leader and friend.

"He inspired a passion for connecting with the customer at Ford and initiated many groundbreaking marketing innovations, including leasing and brand management that set the standard for the entire auto industry," said Ford Executive Chairman Bill Ford. Jr.

#### sinter metal products," said the company's Americas Marketing Communications Manager Lori Petrelecan. "The new facility provides the company with an additional 20

percent more space for engineering and testing activities.3 Moving into the new facility,"

said GKN Driveline Americas

GKN Automotive has complet- President Robert Willig, "is an imed its move into a new regional portant step in supporting our headquarters for the Americas in customers around the world. "Automakers are looking for

supplier partners that can support their business globally and also provide a technical advantage that will increase vehicle performance, improve vehicle efficiency and meet the end customer's need for performance and functionality.

"Increasing our engineering resources in terms of equipment and talent will give GKN Driveline a significant competitive edge."

"Our new home," said Chris Franks, president, GKN Sinter Metals Americas, "is strategically located near many of our global customers and will give us access to the additional resources needed to provide world-class products and customer service.

"In addition, because we are centrally located in the heart of the automotive capital, we are well-positioned to attract additional talent throughout the companv.'

GKN Driveline is a producer of automotive driveline components and systems including constant-velocity-joint, all-wheeldrive, trans-axle and electricdrive systems. GKN Sinter Metals is the world's largest producer of precision powder-metal products, Petrelecan said.

She and other GKN officials also credited the support provided for the project by Michigan **TECH CENTER NEWS - WARREN** 



Shelby Township's Dan Partyka was a donor at Buff Whalen Chevrolet.

drive."



president, Marketing and Sales, North American Automotive Operations, vice president and general manager of Ford Division and vice president and general manager of Lincoln Mercury. "Bob Rewey was not only a

Since his retirement from Ford, Rewey served on the board of directors of the LoJack Corporation.



RUI

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# **GM's Wentzville Employees Strive for 'Perfect' Trucks**

ing the new 2015 Chevrolet Colorado and GMC Canyon midsize they were able to fix the issues pickup trucks at General Motors' Wentzville Assembly Plant are proud of their "perfect bodies."

No, not their own bodies that they see in the mirror, but what they're calling the perfect bodies of the new trucks that began production in September.

Engineers at Wentzville used perfectly measured mockups of the trucks' interior and exterior and a sophisticated laser-scanning system to test the fit of parts and assemblies both to the "perfect body" and to other parts to which they connect, said plant spokesman Darin Copeland.

Long before the assembly line started to roll, this process identified and aided in the resolution of mismatches and conflicts involving parts and assemblies coming from five GM plants and as many as 20 different suppliers, Copeland said.

More than 200 parts or assemblies were evaluated using the tools before regular production began. One example was an ill-fitting passenger-side "A-pillar" between the windshield, instrupanel and headliner, ment Copeland said.

The pillar was disassembled piece by piece, uncovering part

The men and women launch- quality, design, and assembly issues. Working with all parties, refine the production and process before the line ran trucks to be shipped to dealers.

"We're working with an entirely new vehicle architecture, as well as the latest technology available for dimensional management," said Bryan Vickery, dimensional engineer for Body Maintenance at Wentzville.

The process is a big part of delivering improved body structures, which translates to great vehicles to our customers.'

The tools are still used in production, where they help identify issues undetectable by human eye, Vickery said.

"The perfect body process helps everyone by quickly identifying the source of a particular issue and giving us guidance on what needs to be done to fix it," said Mark Deterding, engineering manager for Magna Interiors, a Wentzville supplier.

"We discover potential issues before they can affect the vehicle's quality. We identify solutions and we use them to make sure our solutions work.

"It's an added step, but we're happy to spend time with these perfect bodies because they mean safer, quieter and more reliable vehicles for the customer."





# 7 Out of 10 Thieves Prefer F-150 Trucks in Canada

They sure love their Ford high-end vehicles, including trucks up in Canada, or at least car thieves do.

According to a list released by the Insurance Bureau of Canada (IBC) on Dec. 4, Ford F-250 and F-350 trucks topped the country's "10 Most Frequently Stolen Vehicles" list.

The Top 10 Most Frequently Stolen Vehicles this year in Canada were:

• Ford F-350 SD 4WD PU 2007:

- Ford F-350 SD 4WD PU 2006;
- Ford F-250 SD 4WD PU 2007; • Cadillac Escalade 4DR 4WD

those made by Lexus, Audi, BMW and Mercedes, were a target for organized criminals who then likely shipped the vehicles to West Africa, Dubin said.

While the incidence of auto theft in Canada has decreased, it is still big business. In 2013, for example, 72,804 vehicles were stolen, an 8 percent drop from the previous year. However, organized criminals are concentrating on acquiring more highend vehicles.

While most provinces showed a decline in auto theft. New-



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SUV 2003;

• Ford F-350 SD 4WD PU 2005;

• Honda Civic 2DR Coupe 2D 1999:

• Ford F-350 SD 4WD PU 2004;

• Ford F-250 SD 4WD PU 2006;

• Honda Civic SiR 2DR 2D 2000;

• Ford F-350 SD 4WD PU 2003.

"The trend of stolen F-series trucks was also seen in Alberta where there was a 50 percent increase," explained Rick Dubin, vice president, Investigative Services, IBC.

"What's more, for the first time in years, 3 stolen F-series trucks, intended for export, were seized at the ports of Montreal and Halifax.'

Given these trends, Dubin believes that the majority of stolen F-series vehicles were most likely re-vinned – given a false vehicle identification number (VIN) and sold to unsuspecting consumers.

In addition to the increase in F-series trucks on this year's list,

foundland and Labrador had a 2 percent increase, Alberta an 11 percent increase and Yukon a 29 percent increase. Recovery rates for stolen vehicles continue to be low.

### **Club GM Seeks** Winter Clothing

Club GM is collecting warm clothing to be donated to the less fortunate.

Club spokesperson Ardin Hammel said the club is looking for new clothing – items such as cold-weather hats, gloves, scarves, shoes and socks and coats. Donations will go to local shelters and are for both children and adults.

Any donations should be dropped off unwrapped at the Club GM store located at the VEC building in the Tech Center no later than Dec. 17. Call 810-217-8064 for more information.

Not all models qualify. GM Pricing Plus Tax, Title. Lease Loyalty Rebate Must Have GM Lease in Hov unt must own 99 or n er non-GM to qualify for lov





# **Publicis Named Cadillac's New Advertising Agency**

Cadillac has recently appoint- contributed significantly to the ed Publicis Worldwide as its global creative agency of record. Publicis Worldwide is based in

Paris, France, and is the largest creative agency of the Publicis Groupe network.

Its appointment to the Cadillac program became effective Dec. 4.

A fully dedicated team, comprising key managers from Publicis Worldwide, will lead the account and have access to specialist and premium resources within the larger Publicis Groupe, said David Caldwell, manager of Cadillac Communications.

"This appointment is designed to accelerate the global expansion and elevation of Cadillac into a truly global luxury brand," said Cadillac chief marketing officer Uwe Ellinghaus in a statement to the press.

"We have spent much of this year refocusing on the core values of our brand.

"Adding Publicis Worldwide to our team - with its undisputed expertise in luxury brand building - will further our progress globally."

Arthur Sadoun, CEO of Publicis Worldwide added: "For us, this appointment is an honor and a privilege. We will work passionately with the client leadership team to strengthen the power of the Cadillac brand."

Cadillac's creative and strategic agency of record since 2013 had been Lowe and Partners, part of the Interpublic Group of Companies.

"We sincerely appreciate the dedication and service the Lowe team has brought to our brand," Ellinghaus said.

"The agency has aided Cadillac in a time of transition and

development of its brand positioning."

"The change goes into effect immediately," Caldwell said, "but in cases like this, there is normally a transition period.

"Publicis is based in Paris, but the location of one's head office didn't play a role in the decision. All the big ad agencies have offices around the world these days.'

Caldwell said that the Cadillac account was not put into review as is often the case when a company changes ad agencies.

"We didn't put the job out for bid," Caldwell said. "This wasn't that.

"I would say that this is just one of many changes that is taking place within Cadillac.

"First and foremost, we have expanded our portfolio. And we're elevating the brand name and this is the agency that we've picked to help us to do that and go forward with our plans for the future, which have been recently talked about."

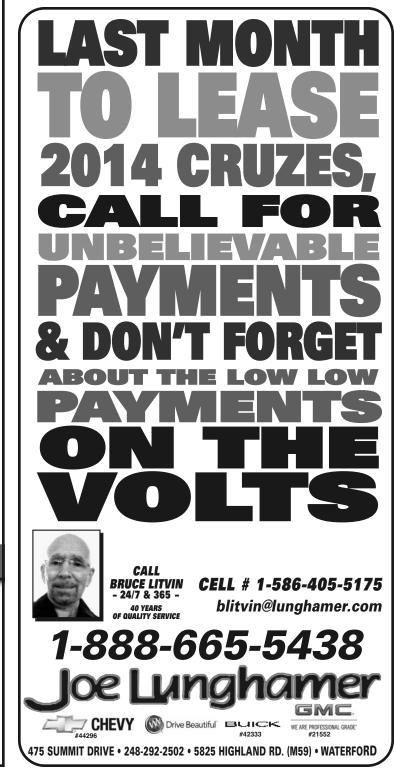
Caldwell said that the changes Cadillac has made include moving the brand's headquarters to New York City earlier this year.

Ellinghaus joined the company as CMO in January. Later that month, the company changed its logo

Ellinghaus succeeded Don Butler, who had been in the position for nine months.

In July, former Infiniti president Johan de Nysschen was appointed president at Cadillac.

"This move just follows suit with the upward trajectory that Cadillac is currently on to improve the brand," Caldwell said.





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# **Corvette ZO6s Head for Chevy Dealerships**

Chevrolet is now shipping the 2015 Corvette Z06 coupe from Bowling Green Assembly, and some early customers could receive the much-anticipated car later this week.

"It has been an incredible opportunity to work on Chevy's most capable model," said Jeff Lamarche, plant manager of General Motors' Bowling Green Assembly plant. "It truly is an amazing car, and we're thrilled to get them into the hands of our eager customers.'

The new Corvette Z06 offers the most choice for customers in the model's history, said GM spokesperson Monte Doran.

"It is the first Z06 to offer an available eight-speed paddleshift automatic transmission and, thanks to a stronger aluminum frame, a removable roof panel," Doran said.

"Also, it is the first time since 1963 that the Z06 is available as a convertible - which will arrive in early 2015."

The new LT4 supercharged 6.2L V8 engine is SAE-certified at 650 horsepower at 6,400 rpm and 650 lb.-ft. of torque at 3,600 rpm making the 2015 Corvette Z06 the most powerful production car ever from General Motors and one of the most powerful production cars available in the United States, Doran said.

To balance performance and efficiency, the LT4 leverages a trio of advanced technologies direct injection, active fuel management (cylinder deactivation) and continuously variable valve timing - with a new, more efficient supercharger.

"The LT4 helps make the Corvette Z06 the most capable car in the brand's history," Doran said. "The Z06 accelerates from a rest to 60 mph in only 2.95 seconds when equipped with the allnew, available eight-speed auto-

### State Funds Will Go to Companies To Aid Employees

PONTIAC, Mich. (AP) - Officials say 13 Oakland County companies are getting money from a state fund to hire roughly 1,300 workers and upgrade current employees' skills.

The companies are getting about \$700,000 from the state's Skilled Trades Training Fund. The money will be used to train about 700 current employees in such areas as software programming, computer-aided design and welding and robot operations.

The recipients have agreed to contribute nearly \$3 million in matching job-training funds to help prepare their workers.

Companies receiving the most funding were automotive suppliers Magna International and Brose. Among other recipients

2015 Corvettes leave Bowling Green for dealer delivery.

transmission - and matic achieves it in 3.2 seconds with the standard seven-speed manual transmission.

"A quarter-mile sprint takes just 10.95 seconds with the eightspeed automatic and 11.2 seconds with the seven-speed manual. With both versions, the Corvette Z06 hits 127 mph at the end of the quarter-mile.'

When it comes to braking performance, the Z06 can stop from 60 mph in only 99.6 feet, Doran said. That's the best braking performance of any production car GM has ever tested. Additionally, the Corvette Z06 achieves 1.2 g's in lateral acceleration compared with the Corvette's previous best 1.13 g's.

All test results were achieved with Z06 coupes fitted with the Z07 Performance package, which adds Brembo carbon ceramic brake rotors and Michelin Pilot Sport Cup 2 tires, Doran said. The Z07 package also features the most aggressive aerodynamic package available on the Corvette Z06. He said it delivers the most downforce of any production car GM has ever tested.

The Z06 also offers the industry-first Performance Data Recorder - or PDR - which enables users to record high-definition video, with telemetry overlays, of their driving experiences on and off the track. The racingderived system is included with the available navigation system,

largest dealer group in the Unit-

ed States and began operations

in 1948. Employing more than

2,000 individuals, primarily in

Michigan, the company also has

operations in California, Illinois,



MONDAY - THURSDAY 8 AM - 8 PM • FRIDAY 8 AM - 6 PM SATURDAY 9 AM - 3 PM • SUNDAY CLOSED

\*All lease payments based on GM Employee discount price plus tax. Zero security deposit. First month payment, tax on rebates and money down, title plate and doc. fees due at signing with all rebates including USAA Private Offer assigned to dealer. Due to advertising deadlines, prices subtect to change



### **Suburban Buys Ford Dealer** Suburban Collection is the 18th

The Suburban Collection has acquired Ed Schmid Ford in Ferndale.

"We look forward to serving Ford buyers and owners in Ferndale and surrounding communities," said David T. Fischer, chairman and CEO, The Suburban Collection.

"Our goal, as always, is to offer an outstanding experience to each and every one of our customers.

Located at 21600 Woodward Avenue, Suburban Ford of Ferndale has 52 employees in its sales, service and body shop operations.

The additional dealership expands the company's retail business in this revitalized community, Fischer said. Suburban Buick GMC of Ferndale, also located on Woodward Avenue, began operations in early 2012.

The purchase caps a year of growth for The Suburban Collection, Fischer said. Since January, the company has added Suburban Chevrolet of Clinton, Mercedes-Benz of Ann Arbor, BMW of Ann Arbor, Suburban Cadillac of Plymouth and Suburban Cadillac of Lansing.

The company has also invested more than \$28 million in new and expanded facilities in the PAGE 7

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# Auto Sales 'Very Healthy' – GM's McNeil

CONTINUED FROM PAGE 1

November since 2010, McNeil said.

"The buzz around Black Friday helped drive strong showroom traffic but there was a lot more at work in the market," said McNeil.

"More people have jobs and job security, their wages are starting to increase, household wealth is growing and low pump prices look like they're here to stay through 2015. All of this helped deliver an exceptional month and it will help keep auto sales at very healthy levels going forward."

Additional November highlights (vs. 2013 except as noted): At Chevrolet –

• The Cruze was up 26 percent, Spark was up 64 percent, Sonic was up 3 percent;

Silverado was up 24 percent;
Tahoe was up 10 percent and Traverse was up 14 percent. Dealers delivered 2,366 new Colorados, ahead of plan, with a low retail days supply of 21 days.

GMC was up 23 percent, Sierra 57 percent and Yukon 14 percent.

The Terrain was up 13 percent and 854 new Canyons were deliv-

14,949 vehicles marks a 13 per-

cent increase, making this Ex-

plorer's best November perform-

all the way back to 2004," said Merkle, "so the new Explorer just

continues to make gains in the

marketplace. There is no other SUV since its launch in 1990 that

have sold more than the Ford Ex-

the 8,000-vehicle sales mark in November, with a total 8,728

Adding to the good news, Merkle said that the Mustang's

largest markets, Texas and California, saw retail sales increases

of 46 percent and 76 percent, re-

Mustang sales for the month, we

totaled a 62 percent increase and we've performed so well in markets like Texas and California,"

So when you take a look at

Texas is our largest Mustang

market and retail sales were up

46 percent. And in California, our second largest market for Mustang, we saw sales increase 76

percent, and eight-days-to-turn

for Mustang right now on dealer

Ford Explorers since 1990." Merkle was pleased to announce that Mustang surpassed

"We've sold over seven million

"It was our best November performance for Explorer going

Mustang Sales In November

**Best in 8 Years** 

CONTINUED FROM PAGE 1

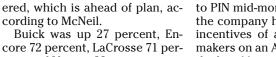
ance since 2004.

plorer.

cars sold.

spectively.

Merkle said.



cent and Verano 22 percent. Cadillac Escalade deliveries were up 75 percent, with the retail days supply very tight at 16 days. Sales of the CTS sedan increased 18 percent.

GM has now posted 26 consecutive months of year-over-year average transaction price (ATP) increases on the strength of new pickup trucks, SUVs and Cadillacs, McNeil said.

ATPs were a record \$35,600, according to J.D. Power PIN midmonth estimates, up \$790 per unit compared to October and up \$3,100 versus a year ago.

Month over month, GM reduced incentive spending as a percentage of ATPs more than the industry average, according to PIN mid-month estimates, and the company has had the lowest incentives of all domestic automakers on an ATP basis in nine of the last 11 months.

GM's November incentive spending as a percentage of ATPs was 10.4 percent, down 1.2 points month over month, while industry average spending was 9.6 percent of ATP, down 0.1 points.

In November 2013, GM's incentive spending was 10.2 percent of ATP, and the industry average was 9.7 percent, McNeil said. Fleet sales were up 11 percent.

Commercial sales were up 1 percent, marking the 13th consecutive month of year-over-year growth.

Large SUV commercial fleet sales were up 87 percent and fullsize pickup commercial sales were up 47 percent.





lots, so they're moving very quickly for us and it's really welcome news."

The Lincoln brand, Merkle said, saw sales of 8,113 vehicles, which provided a 21 percent gain and resulted in the brand's best November sales in seven years, Merkle said. Lincoln MKC sales represent its second month above the 2,000-vehicle mark, with 2,152 vehicles sold as it continues to strengthen the brand overall.

In other Lincoln sales news, the 2015 SUV Navigator was up 88 percent with sales of 1,433 vehicles, representing Navigator's best November sales since the year 2007.

"The brand was up 21 percent and year to date it's up 15 percent. We had another really strong month for MKC with over 2,000 vehicles sold," Merkle said. "And we are very pleased that

we sold 1,433 Navigators, up 88 percent. That's our new Navigator, so it's resonating very well with the luxury customers."