

OnStar Hits 1 Billion Milestone and Adds New Services

Nineteen years and more than a billion connections, and still adding services.

OnStar has fielded more than 1 billion requests from customers, who interact by phone, mobile app or embedded cellular service in their cars and trucks, said GM spokesman Stefan Cross.

Launched nearly 19 years ago as an industry-first service that would place a call from the vehicle when an air bag deployed, OnStar today remotely unlocks doors, loads driving directions directly to the vehicle, compiles and sends emails on vehicle health and can aid law enforcement by slowing down a vehicle being pursued, said Cross.

The service has proved popular. A customer contacts OnStar every two seconds. That adds up to about 5 million calls a month from its subscriber base of more than 7 million. Add 8.8 million interactions a month from the RemoteLink mobile app and you can see how indispensable OnStar has become since launching on three Cadillac models in 1996.

Cross said that OnStar will be rolling a few new services beginning this summer. They are Smart Driver Assessment, through which consenting drivers can get feedback on their driving habits for potential insurance discounts, and Advanced Diagnostics, which includes real-

time and proactive vehicle health alerts.

"The Smart Driver Assessment service can save a good driver money," Cross said. "The way it works is that an OnStar user consents to have OnStar measure his or her driving for 90 days. The system looks at things like sud-

den stops and the like. After 90 days an analysis is emailed to the OnStar driver, who can then take that analysis to his or her insurance agent. We're currently partnered with Progressive Insurance and working on getting more insurance companies to sign up."

The benefit of using OnStar,

Cross said, is that the driver can send or not send in the OnStar analysis. That's not the case if the driver uses similar systems offered insurance companies.

The advanced diagnostic program, Cross said, will look at

CONTINUED ON PAGE 2



GM OnStar employees like these have helped field one billion connections during the past two decades.

GM Opens New Test Area to Study Latest Safety Technology

by Jim Stickford

The autonomous car isn't here yet, but starting in model year 2016, GM will be offering a variety of active safety technologies that bring GM a couple of steps closer to developing such a vehicle.

The tech was demonstrated at the official opening of the company's new Active Safety Test Area at its Milford Proving Ground on July 24.

Jeff Boyer, vice president of GM Global Safety, was one of the executives on hand to welcome the media to the new facility.

"The newest area at the Proving Ground for active safety is 52 acres," Boyer said. "It's important for us to have such a facility because we set the standard for customer safety."

Boyer pointed out that the Milford Proving Ground was an industry first and that GM wants to continue that heritage by having an area at the facility dedicated to testing new active safety technology.

Examples of available crash-avoidance technologies for 2016 GM models include:

- **City Speed Front Automatic Braking:** If the vehicle is traveling at a low speed and the system detects that a front-end collision situation is imminent while following a detected vehicle and the driver has not already applied the brakes, the system automatically applies brakes to help reduce the collision's severity. The system may even help avoid the collision at very low speeds.

- **Front Pedestrian Braking:** If the system detects that a pedestrian is directly ahead and a collision is imminent, and the driver has not already applied the

brakes, the system alerts the driver and, if necessary, automatically applies the brakes to help reduce the collision's severity or avoid the collision.

- **Rear Camera Mirror:** Compared to a traditional inside rearview mirror, this rear view mirror display provides a wider, less obstructed field of view to assist when driving, changing lanes, and checking for vehicles and traffic conditions.

- **Night Vision:** Provides the driver an infrared night vision image of the area lit beyond the headlamps that highlights and provides alerts to detected pedestrians or large animals.

- **Curb View Camera:** When in Forward gear during low-speed maneuvering (e.g., parking), this system provides the driver a view of the scene immediately ahead of the vehicle on the vehicle's center stack display to help the driver avoid low-speed collisions into nearby objects, such as curbs, poles, and parked vehicles.

Boyer said developing this technology is just the latest in a long line of GM safety efforts over the past half century. He said that it is estimated that 600,000 lives have been positively affected by what GM has done as the company has been at the forefront of safety.

"We developed the collapsing steering column," Boyer said. "We even innovated with the development of crash dummies."

One of the best things about his job, Boyer said, is reading the letters he gets from people who have praised GM's safety tech for saving their lives.

Cynthia Bay, director of Active Safety Electronics and Controls, was also at the opening. She said

GM's commitment to safety starts at the top.

"As Mary Barra has said, intelligent and connected vehicles are the next generation of automobiles," Bay said. "These technologies are a priority for GM, and for me personally. Every day I drive past a sign on my way to work that lists the number of automotive fatalities in Michigan during the year. And every week that number gets bigger. This technology can help avoid crashes, save lives and reduce the cost incurred if there is a crash. When we take intelligent technology and combine it with cars that 'talk' to each other and the surrounding infrastructure, then we will really see benefits."

Bay said that one of the hurdles that OEMs face is customer acceptance of new technology. Getting them to understand and accept it will depend on the manufacturers' ability to integrate the technology into cars. And that requires a facility dedicated

"24/7" to testing the repeatability of new safety developments.

"The technology we're testing here today will have a real impact on our journey to the intelligent and connected car," Bay said. "The technologies we are developing and testing at this facility are available to our customers across our GM brands. Front Pedestrian Braking will be offered on the 2016 Chevrolet Malibu, and the lowest-priced Chevrolet we offer in the U.S. – the new 2016 Spark – has available Lane Departure Warning and Forward Collision Alert."

The new Active Safety Test Area concentrates the company's active safety testing into one, state-of-the-art site. It features:

- A 16-acre dynamics pad for testing a variety of robot-controlled and automated vehicles.
- Highway simulation with six lanes, on/off ramps, controlled

CONTINUED ON PAGE 5



Pedestrian safety is tested at new GM facility at Milford Proving Ground.

Warren Ranks High on Forbes 'Best' Place List

According to *Forbes Magazine*, Warren is one of the 10 best places for business and careers.

Forbes staffer Kurt Badenhause wrote, when the list was released on July 29, that "Forbes 17th annual ranking of the Best Places for Business and Careers looks at the 200 largest metropolitan statistical areas and divisions in the U.S. These range in size from the New York City metro division, with 14.3 million people, to the Waco, Tex. MSA, home to 260,500 people. We also rate the best and worst small places for business for those metros with populations under 260,500.

"We consider 12 metrics relating to job growth (1-year, 5-year and projected 3-year), costs (business and living), income growth over the past five years, educational attainment (college and high school) and projected economic growth through 2017," Badenhause wrote. "We also factor in net migration patterns over the past five years, as well as cultural and recreational opportunities. Lastly, we included the number of highly ranked colleges in an area per our annual college rankings. We give the

CONTINUED ON PAGE 4

Ford F-150 Gets Mixed Marks From IIHS

DETROIT (AP) – Ford's new aluminum-sided F-150 pickup saw mixed results in new crash tests by the insurance industry, and the damaged trucks cost more to repair than steel-bodied ones.

The four-door Super Crew version of the 2015 F-150 got top ratings in all five of the crash tests performed by the Insurance Institute for Highway Safety (IIHS). For now, it is the only full-size truck on the market with the institute's "Top Safety Pick" rating.

But the Super Cab version, which has a smaller rear door and back seat, did poorly in a small front overlap test, which slams 25 percent of the front of the truck into a barrier at 40 miles per hour. It didn't earn the top safety award.

The IIHS also said it took longer for a local Ford dealer to repair the aluminum truck than an older steel one, and the aluminum parts cost more. The institute said the repair costs were 26 percent higher for the aluminum-bodied truck.

In a statement, Ford said the new truck is the "safest F-150 ever" and noted that it has the government's highest five-star safety rating. But the company said it will make a design change in the 2016 model year to improve the crash performance of the Super Cab and Regular Cab models.

Ford said the Super Crew – which got the top safety award – accounts for 83 percent of all F-150 sales. The Super Cab makes up around 12 percent and the Regular Cab accounts for 5 percent.

Tech Center News

31201 Chicago Road South
Warren, Michigan 48093

586-939-6800

Contact us:
Info@TechCenterNews.com

Deadline: Thursday 5:00 p.m.
for the next edition of Monday

William Springer II, publisher
Lisa A. Torretta, operations
Jim Stickford, news

Tech Center News is a trademark
of Springer Publishing Co., Inc.

www.TechCenterNews.com

Georgia Judge Cuts Damages in Chrysler Lawsuit

(AP) DETROIT – A Georgia judge has cut the damages that Fiat Chrysler must pay the family of a child who died in a Jeep SUV fire from \$150 million to \$40 million.

Decatur County Superior Court Judge J. Kevin Chason also denied Fiat Chrysler's motion for a new trial, dismissing arguments that jurors acted irrationally in the case.

In a ruling issued July 24 and made public July 28, Chason decided that the family of 4-year-old Remington Walden should get \$30 million for his death and \$10 million for pain and suffering. The ruling was accepted by the family's attorneys and opens a path for Fiat Chrysler to appeal. FCA said in a statement that the ruling doesn't cure errors that tainted the verdict and denied it a fair trial, and that it's considering legal options.

Walden died after the Jeep Grand Cherokee driven by his aunt in Bainbridge, Ga., was hit from behind in March 2012 and exploded into flames. The Jeep's gas tank was mounted behind the rear axle, leaving it vulnerable in a rear crash.

A 12-person jury found Fiat Chrysler negligent and asked for \$120 million for wrongful death and \$30 million in pain and suffering following a seven-day trial in the rural southwestern Georgia community in early spring.

Earlier in July, FCA attorneys sought during a hearing to cut the judgment to \$5 million to bring it in line with court-approved judgments in other Georgia cases. The attorneys contended that jurors acted with passion and prejudice against the Italian-American automaker, and they were irrational.

Chason, however, rejected those arguments, writing in his ruling that the evidence against FCA was overwhelming. He wrote the court saw nothing to indicate that the jurors were inflamed or irrational.

Jim Butler Jr., the attorney for the parents of the victim, Remington Walden, told Chason during the hearing that \$40 million for the wrongful death and \$10 million for pain and suffering seemed fair.

At least 75 people have died in post-crash fires involving several Jeep models with the rear-mounted gas tanks. The problem has led to the recall of 1.56 million Grand Cherokees and Libertys to install trailer hitches to protect the tanks in low-speed crashes. FCA says the Jeeps are as safe as comparable SUVs from the same era.

Earlier in the same week, FCA agreed in a deal with government safety regulators to offer \$100 gift cards to entice owners of recalled Jeeps into taking their SUVs to dealers to get hitches installed.

The company also agreed to offer \$1,000 above market value trade-in prices on a new vehicle to those who own 1993 to 1998 Grand Cherokees.

OnStar Hits 1 Billion Milestone and Adds New Services

CONTINUED FROM PAGE 1

parts like batteries and inform OnStar users when that part is nearing the end of its expected life.

And OnStar will be offering a option called "Atyourservice," Cross said.

"Imagine you're on your way to Dunkin' Donuts and you input that into OnStar," Cross said. "Not only will OnStar use its navigation system to map out a route to the nearest Dunkin' Donuts, it will email you any coupons that Dunkin' Donuts has outstanding."

"OnStar created the original connected car in 1996 and today remains at the forefront of innovation through the services offered in Chevrolet, Buick, GMC, Cadillac and soon, Opel vehicles around the globe," said Alicia

Boler-Davis, senior vice president, General Motors Global Connected Customer Experience.

"The pace at which the brand has reached 1 billion interactions shows the vast customer demand for vehicle connectivity and there's no doubt our second billion interactions will come even quicker."

OnStar has even helped deliver babies and works with the North American Aerospace Defense Command (NORAD) to track Santa Claus on Christmas Eve.

Before becoming known as OnStar, the original name for the service was Project Beacon. Its goal was integrating wireless communication into vehicles, years before mass adoption of smartphones.

In the fall of 1996, OnStar debuted in the Cadillac DeVille, Seville and Eldorado, Cross said.

The service initially offered Airbag Deployment Notifications, the core of OnStar's safety and security premise, which progressed into Automatic Crash Response that uses sensors capable of determining the severity of a crash impact and alerting an OnStar emergency advisor to assist.

OnStar today responds to more than 100,000 emergency calls every month.

OnStar features have expanded to convenience services such as Turn-by-Turn Navigation, which is used 3.8 million times every month to download driver-requested directions to the vehicle. OnStar also sends more than 4 million vehicle diagnostic emails each month, providing up-to-date checks on a vehicle's key operating systems.

The RemoteLink service en-

ables its 1.5 million active users to lock and unlock their vehicle, start the engine and access vehicle diagnostics such as tire pressure and oil life from their mobile devices.

"We need to provide an overall customer experience that will keep customers coming back for life," said Boler-Davis. "

To do that, we need to meet customers on their terms and offer them a variety of choices. We realize every customer is different."

OnStar services include OnStar 4G LTE, a built-in Wi-Fi hotspot inside properly equipped 2015 and newer model year vehicles. More than 1 million Chevrolet, Cadillac, Buick and GMC vehicles on the road in the U.S. and Canada have OnStar 4G LTE. The service will be available in China and Europe later this year.

NHTSA Hits Fiat Chrysler with a Record \$105M in Fines

DETROIT (AP) – Fiat Chrysler must offer to buy back from customers more than 500,000 Ram pickup trucks and other vehicles in the biggest such action in U.S. history as part of a costly deal with safety regulators to settle legal problems in about two-dozen recalls.

The Italian-American automaker also faces a record civil fine of up to \$105 million. In addition, owners of more than a million older Jeeps with vulnerable rear-mounted gas tanks will be able to trade them in or be paid by Chrysler to have the vehicles repaired.

The settlement is the latest sign that auto safety regulators are taking a more aggressive approach toward companies that fail to disclose defects or don't properly conduct a recall.

The Ram pickups, which are the company's top-selling vehicle, have defective steering parts that can cause drivers to lose control. Some previous repairs have been unsuccessful, so Fiat Chrysler agreed to the buyback, according to the National Highway Traffic Safety Administration. Owners also have the option of getting them repaired, the agency said in documents released Sunday.

The older Jeeps have fuel tanks located behind the rear axle, with little to shield them in a rear crash. They can rupture and spill gasoline, causing a fire. At least 75 people have died in crash-related fires, although Fiat Chrysler maintains they are as safe as comparable vehicles from the same era.

Both the Jeep and Ram measures are part of a larger settlement between the government and the automaker over allegations of misconduct in 23 recalls covering more than 11 million vehicles. Besides the civil penalty, which was reported Saturday by The Associated Press, Fiat Chrysler agreed to an independent recall monitor and strict federal oversight. It's another step in NHTSA's effort to right itself after being criticized for lapses in some highly-publicized safety recalls.

"Today's action holds Fiat Chrysler accountable for its past failures, pushes them to get unsafe vehicles repaired or off the roads and takes concrete steps to keep Americans safer going forward," Transportation Secretary Anthony Foxx said in the statement.

In a separate statement, Fiat Chrysler said it accepted the consequences of the agreement "with renewed resolve to improve our handling of recalls and re-establish the trust our customers place in us."

NHTSA has been involved in vehicle buybacks in the past, but never one of this size. A buyback usually happens when a problem

is so serious that it can't be fixed and the vehicles need to be removed from service.

Under the agreement, Fiat Chrysler has to buy back the Ram trucks for the purchase price, minus depreciation.

It's unclear just how many Rams the automaker will have to repurchase, but the cash outlay could be substantial. According to Kelly Blue Book, a 2010 Dodge Ram 1500 – one of the smaller, less-expensive trucks involved in the recalls – could fetch \$20,000 in a dealer trade-in, assuming the truck has 60,000 miles on it and is in "good" condition. At that rate, if Chrysler had to buy back even a quarter of the trucks at issue, it could spend \$2.5 billion.

Fiat Chrysler said more than 60 percent of the trucks already have been fixed, and the company is allowed to repair and resell the trucks it buys back.

The Jeep trade-ins will add to the tab, and the total could strain the parent company, Fiat Chrysler Automobiles NV. The company posted a first-quarter net profit of \$101 million and had more than \$20 billion in cash and securities on March 31.

The consent order that Fiat Chrysler agreed to requires it to notify owners who are eligible for buybacks and other incentives.

Models included in the buy-

back offer are certain Ram 1500s from 2009 to 2012; the Ram 1500 Mega Cab 4 by 4 from 2008; and the Ram 2500 4 by 4, 3500 4 by 4, 4500 4 by 4, and 5500 4 by 4, all from 2008 through 2012. Also part of the offer are 2009 Chrysler Aspen and Dodge Durango SUVs and the Dodge Dakota pickup from 2009 through 2011.

The fine against FCA beats the old record of \$70 million assessed against Honda Motor Co. for lapses in recalls of air bags made by Takata Corp.

Fiat Chrysler also received a

\$70 million fine, and must spend at least \$20 million to meet performance requirements detailed in the agreement. Another \$15 million could come due if the recall monitor finds any further violations.

Earlier this month the safety agency held a rare public hearing where regulators detailed a litany of shortfalls: failure to notify customers of recalls, delays in making and distributing repair parts and in some cases failing to come up with repairs that fix the problems. Some of the recalls back date to 2011.

PROVIDING LEGAL SERVICES
TO OUR FRIENDS AT THE
GENERAL MOTORS
TECHNICAL CENTER
Listen to us from 11am - 12 Noon
every Tuesday on 690AM

586-751-1696
800-321-KORN

31201 Chicago Road | Suite B-101 | Warren, MI 48093

KORN
STEPHEN P. KORN & ASSOCIATES P.L.C.

Arlington Manor Apartments Welcomes GM Expansion to Warren.

- Spacious one & two bedroom
- Short & long term leases
- Kitchens including:
built-in microwave, dishwasher
& frost free refrigerators
- Central air and heating.
- Washers & dryers
in each building.
- 11x15 foot storage unit



Conveniently located 2 mile East of the GM Tech Center

Leasing Hours
M-F 9-5:30
Sat 10-4
Sun 12-4

Arlington Manor Apartments
31250 Schoenherr • Warren, MI
586-294-6220

Ask for
Chris or
Jody

midasdetroit.com

Trust the Midas Touch.®

Warren • 32601 Van Dyke • 586-939-7470

Save on oil changes

OIL CHANGE PLUS

\$19.99

INCLUDES TIRE ROTATION

- Oil and filter change
- Courtesy Check including visual brake check, battery, air filter, fluid, belts, and hoses
- 4 wheel tire rotation

\$5 OFF
SERVICES OVER \$50

\$10 OFF
SERVICES OVER \$100

\$20 OFF
SERVICES OVER \$200

Save on maintenance

- Brakes
- Exhaust
- Suspension
- Wheel Alignments
- Belts
- Hoses
- Headlamps
- Bulbs and More

Most vehicles. Up to 5 quarts of conventional oil. High mileage, synthetic, synthetic blend oils and cartridge oil filters extra. Plus shop fee up to 10% where permitted of non-discounted retail price, not to exceed \$35. Plus applicable tax. No cash value. Not valid with other offers. At participating Midas locations, with coupon. Expires: 09-30-15

Excludes tax. Excludes tires, batteries and oil changes. Discount off regular price. Consumer pays all tax. Most vehicles. Plus shop fee up to 10% where permitted of non-discounted retail price, not to exceed \$35. No cash value. Not valid with other offers. At participating Midas locations, with coupon. Expires: 09-30-15

Warren's Jaycee Park Gets Facelift – Thanks to GM's Student Corps

by Jim Stickford

Just because you're retired doesn't mean you're put out to pasture.

Lou Farinola is a retired GM executive. He served in many positions at the company and retired in 2008 as global director of Industrial Engineering. In 2013 he agreed to serve as a volunteer for GM's Student Corps.

The program, which got its start in 2013, brings together GM retirees who volunteer with students from area high schools and an intern from U-D Mercy. They work on various local improvement projects.

Farinola, for the third year in a row has been working with students from Van Dyke Lincoln High School in Warren.

"Mark Reuss had asked Mike DiGiovanni, who was retired from GM and had served as executive director of Global Market and Industry Analysis, seek some volunteers from the Detroit chapter of the GM Executive Retiree Club to become involved in the then new Student Corps program," Farinola said. "I decided to give it a try. The first year at Van Dyke Lincoln we renovated a park in Warren. Last year we did a massive amount of landscaping around the high schools itself. This year we are working at Jaycee Park in Warren fixing it up."

The students have done a lot of hard work at the park making it better for people in the neigh-

borhood, Farinola said. They've created a raised flower bed as well as cleaned up the pavilion and built a gazebo. They've also built park benches and done "a tremendous amount of landscaping. You should see the amount of branches we've cut and hauled away. I think it's two trucks worth."

One of the 10 student volunteers from Van Dyke Lincoln High School working as a part of the GM Student Corps is Karyssa Mosley. She is going to be starting her senior year at Lincoln in the fall. She first heard about the program as a sophomore and decided to see if they would accept her as a volunteer in her junior year.

"I really love this program," Mosley said. "I have been doing things that I never thought I would ever do. I got to use a rototiller and a chain saw. I never thought in a million years that I would be using equipment like that."

Mosley said the favorite thing she's done is help put in the raised flower bed. They first had to till the soil, put in the mulch and then do brick work. They also fixed up the sign at the park.

Another volunteer student is Brittany Barney. She is also starting her senior year at Lincoln.

She credits Ms. Sczehpaniak, now the school principal, for getting her interested in the program when she was a sophomore.



GM Student Corps and Lincoln students Alyssa Davis and Aurorelle Gray at work at Jaycee Park in Warren.

"She really talked it up," Barney said. "I have to say that my favorite thing about working on the park is that people have come up to me and say 'good job.'"

"The neighborhood has really started to take notice of what we're doing and starting to take better care of the park."

GM spokeswoman Maria Raynal said the GM Student Corps, a paid internship program, is in its

third year of providing scores of southeast Michigan high school students with mentoring by General Motors' retirees integrated with beautification projects planned and executed by the students in their schools and communities.

In addition to Van Dyke Lincoln High School, GM Student Corps schools volunteering in Life Remodeled 2015 include Pontiac High School, Central Collegiate

Academy, East Detroit High School, Flint Southwestern Academy, Hamtramck High School, Harper Woods High School, Henry Ford High School, Madison High School, Melvindale High School, River Rouge High School and Osborn High School in Detroit – a total of 130 students, 55 GM retirees and 14 college interns from the University of Detroit Mercy and the University of Michigan-Flint.

FIRST CHOICE

MUFFLER & BRAKE SERVICE
23252 VAN DYKE
3 Blocks North of 9 Mile
HOURS: Mon.-Fri. 7:30am-5pm; Sat.-Closed
WARREN • 586-757-7203

DELUXE OIL CHANGE SPECIAL
Up To 5 Qts. Of Oil Lube & Filter
No Disposal Fee
\$23³⁶

Includes topping off fluids 8-31-15

MUFFLER, EXTENSION PIPE & TAIL PIPE
Most FWD Cars **10% Off**
In-store offer ends 8-31-15

BRAKE SPECIAL
\$199⁹⁵ • Front Metallic Disc Brake Pads
• 2 New Front Rotors
• Labor Included
Most F.W.D. U.S. Cars • In-store offer ends 8-31-15

Check Our Price on Tune Ups, Water Pumps, Heater Cores & Other Repairs

MAKE US YOUR FIRST CHOICE

FAG
Fenkell
AUTOMOTIVE SERVICES

Automotive/Truck Glass Replacement Repair Center
Windshield Replacement And Auto Glass Tinting.

FREE Stone Chip Repair
with most insurance companies

• Approved and accepted by all major insurance companies.
• Same day service • Free shuttle service

6699 Chicago Road (between Mound & Van Dyke)
568.276.1700
www.fenkell.com!

Redwood Dental Group

Correcting Your Smile Has Finally Become Affordable! Call Today...

- Comprehensive Dentistry
- Dental Implants
- Care for Adults & Children
- Smile Makeovers

Invisalign
As Low As
\$143
Per Month
Call for Details. Expires 9-1-15

\$100 OFF
TREATMENT PLAN
OVER \$500
For New Patients Only.
Cannot be combined with any other offer.
Call for Details. Expires 9-1-15

DENTAL IMPLANTS
As Low As
\$100
Per Month

– One Office For All Your Dental Needs! –

MADISON HEIGHTS
255 W. 13 Mile Rd.
Madison Heights, MI 48071
(248) 583-9888

WARREN
13403 E 13 Mile Rd
Warren, MI 48088
(586) 979-2800

ST. CLAIR SHORES
22646 Nine Mile Road
St. Clair Shores, MI 48080
(586) 778-4151

SHELBY TOWNSHIP
45720 Schoenherr Rd.
Shelby Township, MI 48315
(586) 566-1600

TROY
111 East Long Lake Road
Troy, MI 48085
(248) 879-2300

WESTLAND
37380 Glenwood Road
Westland, MI 48186
(734) 722-5130

Visit our website redwooddental.com

Auto Sales Slip in China, Hurting OEMs

by JOE McDONALD
AP Business Writer

BEIJING (AP) – General Motors Co.’s \$5 billion initiative to create cars for China and other emerging markets comes just as automakers face a collapse in the booming Chinese demand they were counting on to power their growth.

June sales in the biggest car market by number of vehicles sold shrank by 3.4 percent from a year earlier as an economic slowdown deepened and smog-choked cities tried to curb growth in car ownership. Sales growth has cooled from 2009’s explosive peak of 45 percent but the latest figures surprised analysts who were forecasting a healthy 7 to 8 percent for this year.

Those still buying cars are benefiting: GM and Volkswagen AG, China’s top-selling brands, have cut prices by up to 53,900 yuan (\$8,700). Analysts say dealers are struggling financially and automakers also might have to share more profit with them.

“The days when you could sell whatever car you made are not there anymore,” said industry analyst Lin Huaibin of IHS Automotive.

This wrenching shift is especially significant because of China’s outsize role in the global ambitions of U.S., European and Asian automakers.

Despite the slowdown, they are pushing ahead with multibillion-dollar plans to expand production and create models to suit Chinese tastes, adding to competition in a crowded market.

On July 28, GM said it will work with its main Chinese partner, Shanghai Automotive Industries Corp., to develop vehicles to be sold in China, Brazil, India and

Mexico. GM said it aims for annual sales of 2 million vehicles beginning in 2019.

In April, Ford Motor Co. and a local partner announced they would spend \$1.1 billion on a factory in China’s northeast. Ford said that would add 200,000 vehicles to its annual China production capacity.

China passed the United States in 2009 as the biggest market by number of vehicles sold as incomes rose and Beijing promoted the industry as an engine of economic development.

Double-digit Chinese sales growth helped to buoy global automakers after the 2008 financial crisis crushed demand everywhere else.

Automakers added bigger backseats and other features for Chinese buyers, changing the look and feel of cars sold worldwide. Nissan Motor Co. made China a pillar of its global turnaround strategy.

Companies were preparing for slower growth, but the squeeze hit faster than many expected.

“The impact to earnings in 2015 could be substantial,” said Bernstein Research in a report. “We still expect China to sell a lot more cars in future years, but returns in the market may never be the same again.”

Sales in the first half rose 4.8 percent over a year ago, down from 11.2 percent growth in the same period of 2014, according to the China Association of Automobile Manufacturers.

Even that might overstate demand. Analysts say automakers have shifted to reporting shipments to dealers instead of retail sales, possibly to obscure how few cars are being purchased.

Last week, South Korea’s Hyundai Motor Co. said China sales fell 14 percent from a year earlier in the three months end-

ing in June. That contributed to a 24 percent decline in profit.

As early as March, BMW AG warned the China outlook was darkening. Europe’s biggest luxury automaker said its Rolls Royce unit had sold only 14 cars to Chinese buyers in February.

The downturn is so severe that Barclays slashed its forecast for this year’s sales growth to just 1.7 percent from 8.5 percent. Next year’s forecast was cut to 5.2 percent from 8.5 percent.

Chinese sales still are huge. GM said a record 1.7 million GM-brand vehicles were sold in the first half of the year. But growth was just 4.4 percent from a year earlier – less than half the 10.7 percent rise for the first half of 2014.

Economic growth slowed as 7 percent in the first quarter – less than half of 2007’s peak of 14.2 percent – as the Communist Party tries to steer China to more sustainable growth driven by domestic consumption instead of trade and investment.

“It is not that customers don’t want to buy cars. They do want to buy. But they are smothered,” said Zhang Xin, an analyst for Guotai Jun’an Securities in Beijing.

Automakers also are paying for a sales spike in 2013-14 as buyers rushed to get cars before Beijing and other cities tightened controls on new vehicle registration.

“This year, you will see some ‘payback effect’,” said Lin of IHS Automotive.

Foreign brands also face pressure from lower-priced Chinese rivals including Geely, Chery and SUV brand Great Wall, which are improving quality. Volkswagen blamed anemic first-quarter sales growth of just 2 percent on its lack of a low-priced SUV, a segment dominated by Chinese brands in which demand surged.

1953 Ford to be Raffled At Capuchin’s Fundraiser

The 22nd annual Benefit on the Bay will take place Friday, Aug.21, 5:30 p.m., at MacRay Harbor, located on Lake St. Clair, Harrison Township. One hundred percent of the event’s profit benefits the Capuchin ministry.

“This is our 22nd year of the Capuchin Soup Kitchen fundraiser,” organizer Mike Schodowski explains. “In 2013, we cleared the million dollar mark. All the money goes to the soup kitchen which relies nearly entirely on donations and events like ours. Although the economy has improved, there is a large population who is struggling. There are still far too many who have to depend heavily on the Capuchin Soup Kitchen. I don’t know what they would do if it weren’t for the Capuchin Soup Kitchen. It’s a blessing to the community.”

“I invite everyone to come and enjoy one of our area’s best parties, all while helping others,” Schodowski said. “Please purchase tickets to the event, but we also need sponsors, silent auction items and additional donations. We welcome everyone’s support. We want to help the Capuchin Soup Kitchen serve our community,” Schodowski adds.

Jay Towers, Fox 2 News and Fresh 100.3, will again serve as the event’s Master of Ceremonies. Two bands will play simultaneously. John Dickson & the “C-Notes” will feature jazz and easy listening music in the first floor lounge. Musical group “The Key Suspects” will also be on hand. Special musical guests will be the Capuchin Soup Kitchen Choir, a joyous group that travels the area, sharing their Gospel music.

The event includes appetizers, dinner, dancing, beer, wine, and desserts. There will be live auction items plus the Silent Auction will feature over 100 items. Popular speed artist, Dave Santia, will be creating portraits as a live auction item.

New this year will be the drawing for a classic car – a 1953 Ford Customline. The four-door sedan has been lovingly restored to mint condition, said Capuchin Province spokeswoman Colleen Crane. Restoration included the engine being disassembled and rebuilt, all chrome being removed piece by piece and replated to its original condition and luster, sanding and painting, and finally, original seat and door fabric and floor carpet were researched and installed. From the hood to trunk, this classic car

has been returned to its former glory.

Tickets for the classic car raffle are available by calling the Capuchin Soup Kitchen, 313-579-2100, ext. 153. Ticket holders need not be present to win, Crane said. Tickets will also be available the night of the Benefit on the Bay event, up until the time of the drawing.

Founded in 1929, the Capuchin Soup Kitchen serves Metro Detroit by providing food, clothing, and human development programs to the people of our community, Crane said. In addition to preparing and serving up to 2,000 meals a day, it operates a shower program, emergency food pantry, and a tutoring and art therapy program for children. It also distributes household items and clothing. Its Earthworks Urban Farm produces 6,000 pounds of produce from a two and a half acre organic farm, and educates the community in regards to sustainable relationships between human beings and the earth.

The Soup Kitchen’s On the Rise Bakery assists individuals “re-entering” society after bouts of incarceration or substance abuse. In addition, the Soup Kitchen’s Jefferson House – a twelve bed residential treatment facility–assists indigent males seeking to reclaim their lives from addiction.

Warren Ranks High on Forbes ‘Best’ Place List

CONTINUED FROM PAGE 1

most weighting to business costs and educational attainment in the overall ranking.”

The *Forbes* profile of Warren stated that in addition to being home to GM’s Tech Center, “the city is home to a wide variety of businesses and educational facilities as well as the United States Army Detroit Arsenal, home of the Tank-Automotive and Armaments Command and the Tank Automotive Research, Development and Engineering Center. The city recreation department supports a community center and a recreation center along with a system of 24 parks. The Warren Symphony Orchestra also gives several concerts per season for the community.

“Other historical markers in the city include the Village of Warren, the John Theisen House as well as the Detroit Arsenal Tank Plant, a major producer of Sherman tanks in World War II.”

Warren Plans Family Friendly Birthday Bash

The 2015 Warren’s Birthday Bash is scheduled for Aug. 20 – 23, and will feature free concerts, fireworks, as well as a “Family Fun Zone” and Touch a Truck.

Warren’s Birthday Bash will draw families from southeastern Michigan and the greater Detroit Metropolitan area to “experience fun and excitement,” said Warren mayor Jim Fouts. And there will be something new to see and do every day.

Admission and parking is free for this family friendly four day event, Fouts said.

The celebration will be held at the Warren City Square off of Van Dyke.

“There is so much to see and do, you’ll have to spend a couple of days to do it all,” Fouts said.

To learn more, visit the official Warren city Web site at www.cityofwarren.org.



RELIANCE ONE
SOLVING STAFFING CHALLENGES

Providing you the right people at the right time!

Supplier of Design, Engineering, and Information Technology Professionals



MMSDC
Michigan Minority Supplier Development Council

Auburn Hills
1700 Harmon Road, Suite One
Auburn Hills, Michigan 48326

Bingham Farms
32500 Telegraph Road, Suite 202
Bingham Farms, Michigan 48025

WE BUILD TEAMS
248-922-4500
www.reliance-one.com





**COMPLIMENTARY
RETIREMENT
READINESS KIT**

RETIRE SMARTER

Learn How To Get The Most From Your Retirement Savings

Two Ways to Receive Your Free Kit

By Phone	Download Now
Call (810) 593-1624	KaydanWealthPresents.com

CONTINUED FROM PAGE 1


"With consumers now demanding more connectivity in their vehicles, electrical architecture is the enabler to that added vehicle content," said Kevin Clark, Delphi president and CEO, in a statement. "HellermannTyton positions Delphi to provide customers with an even broader portfolio of highly engineered and customized connection systems and cable management solutions."




Active Safety Robot Engineer Anthony Cullen prepares a test at the new


He said GM has looked at how the military and the aviation industry create secure software systems to be develop vehicles that can't be hacked.

"Now, we'll add technology as part of a refresh in the middle of a product cycle. We will do safety refreshes because we want to lead."




Wally Edgar






2015 TRAVERSE

\$165* PER MONTH
24 MONTHS 10K LEASE
\$999 DOWN



2015 MALIBU


\$87* PER MONTH
24 MONTHS 10K LEASE
\$999 DOWN




2015 IMPALA

\$179* PER MONTH
36 MONTHS 10K LEASE
\$999 DOWN

FIND NEW ROADS™ / LOCATED RIGHT OFF I-75 ON M-24





Wally Edgar

1-866-906-0279

3805 LAPEER RD., LAKE ORION

JAY CHAISER x117
Fax: 248-391-0189
Cell: 248-821-8026
Email:
jchaiser@wallyedgar.com

Located right off I-75 on M-24, 2 minutes N. of the Palace of Auburn Hills

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

*Lease payments at GM Employee Discount Price plus tax, title, plate, zero security deposit, first month payment (first payment waived for Malibu only) and doc. fees due at signing with all rebates including GM Competitive Lease Conquest Private Offer assigned to dealer. Lessee responsible for excess wear and tear as well as exceeded contracted mileage. Prices subject to change due to advertising deadline. Call dealer for details.

Zoo

Tech Center

I-696

WOODWARD

Suburban Buick GMC of Ferndale

BUICK | GMC

877-913-5085

21800 Woodward Ave.

Ferndale, MI 48220

YOUR GM EMPLOYEE HEADQUARTERS

Top Dollar For Your Trade-In • Deliver To Work Or Home.

2015 GMC YUKON AND YUKON XL OVER 20 IN STOCK AND READY FOR IMMEDIATE DELIVERY

GM PEP HEADQUARTERS

Be treated with the respect you deserve.

TOP DOLLAR FOR YOUR TRADE and the Best Deal Possible!

Call For An Immediate P.E.P. Car Quote By Phone or Email.

CALL MIKE BADALUCCO

For Instant Quote!

Let me deliver your P.E.P.

Email: mbadalucco@suburbancollection.com

P.E.P Cars Available:

Enclave – 88

Canyon – 1

Lacrosse – 29

Sierra – 12

Regal – 8

Terrain – 19

Verano – 1

Yukon – 8

Acadia – 74

Yukon XL – 12

www.SuburbanBuickGMC.com

877-913-5085

21800 Woodward Ave.

Ferndale, MI 48220

HOURS: Mon & Thur 8:30am-9pm,

Tues, Wed & Fri 8:30am-6pm, Sat 10am-5pm

Stk. #BF0349

2015 BUICK ENCORE

2 Year Scheduled Maintenance, 2 Years of XM Radio & OnStar included, 1.4 Liter Turbo Engine, 6 Speed Automatic Transmission, Tractional Control, Tilt and Telescopic Steering Column, Cruise Control

\$122

PER MONTH

24 mo. Lease. \$2122 Due at signing*

Stk. #BF0107

Stk. #GF0355

Stk. #GF0576

2015 BUICK REGAL

\$149

PER MONTH

24 mo. Lease. \$2140 Due at signing*

2015 GMC ACADIA SLE

\$192

PER MONTH

24 mo. Lease. \$2192 Due at signing*

2015 GMC TERRAIN

\$99

PER MONTH

24 mo. Lease \$2099 Due at signing*

*See dealer for details. All prices and payments are figured with GM employee or family member. GMC/Buick payments and prices are quoted with Buick/GMC lease loyalty, are eligible for this incentive. Payments calculated with 10,000 miles per year with approved S or A tier credit or tier S 1 and 2 – model specific. Security deposit only if required by lender. Payments are plus tax, licence, doc fee, cvr fee. Offers are transferrable to individuals residing in same household. Low APR in lieu of some rebates. Pictures may not represent actual vehicles. Due to advertising deadlines, prices/programs are subject to change. Expires 7/31/15.

Fiat Chrysler Financial Outlook Stronger

MILAN (AP) – Fiat Chrysler Automobiles raised its outlook July 30 after strong North American sales and a European recovery drove second-quarter earnings up 70 percent despite hefty U.S. recall costs.

The rosy results come after the carmaker reached agreement with safety regulators to pay millions of dollars in penalties for delays in nearly two-dozen recalls. Fiat Chrysler also agreed to take potentially defective Ram pickups and older Jeeps off the road under the deal.

CEO Sergio Marchionne downplayed the overall cost of the actions, saying that the pickup buyback wouldn't cost more than \$20 million.

The Italian-American automaker reported a net profit for the quarter ending June 30 of 333 million euros (\$364 million), compared with 197 million euros a year ago. Fiat Chrysler Automobiles NV also raised its full-year revenue forecast to 110 billion euros from 108 billion euros, on worldwide shipments of 4.8 million units, at the low end of the previous range. It maintained a net profit forecast of 1 billion to 1.2 billion euros.

Marchionne said the improved outlook is based on expectations of a continued strong performance in North America.

The news was viewed favorably by investors. Although the Ram buyback offer potentially covered 585,000 trucks with faulty steering components, Fiat Chrysler said it already has repaired 410,000, and those customers aren't eligible for the buybacks. That leaves 175,000 eligible for repurchase at the original sales price minus depreciation, plus a 10 percent premium.

In an consent agreement with the National Highway Traffic Safety Administration and

nounced in late July, FCA was assessed a record \$105 million penalty for recall problems including delays in notifying customers, distributing parts and telling NHTSA of problems. It must pay a \$70 million civil fine, plus make \$20 million in safety-related improvements. It would have to pay another \$15 million if it violates the agreement.

Marchionne said the company will pay the \$70 million shortly, and said the buyback costs can be included in the \$20 million. "We do not expect to incur any material cost beyond the \$20 million available under the consent order," he told analysts July 30.

Marchionne denied reports that Fiat Chrysler has delayed vehicles and will have few new ones in North America, which has been its biggest profit center. But he said the product portfolio has always been fluid.

"What we have not wavered on is the development of both powertrains and basic (vehicle) architectures," he said.

Marchionne also said he did not think contract talks with the United Auto Workers in the U.S. would go past the Sept. 14 expiration date of the current deal and said talks have been con-

structive so far.

The company's North American pretax profit margin improved to 7.7 percent from 4.9 percent, a big improvement but still below rivals Ford Motor Co. and General Motors. Both GM and Ford margins were above 10 percent.

Fiat Chrysler North American sales were up 8 percent, boosted by the Jeep Renegade and new Chrysler 200, pushing revenues in the region up 40 percent. European volumes were up 12 percent, with revenue up 19 percent.

Latin American sales sank by a third due to weakness in Brazil and Argentina. Asian sales slipped 15 percent on increased competition in China, although revenues were flat.

Group net revenues were up by a quarter to 29.2 billion euros.

Fiat Chrysler is planning a public listing of a 10 percent share in Ferrari in the fourth quarter to raise capital. Marchionne also has been vocal about the need for consolidation in the industry, but hasn't yet found a partner.

Marchionne said selling components maker Manjeti Marelli is not part of the near-term strategy, but didn't rule it out over the long term.

Warren Library's August Events

August will be a busy month for the Warren Public Library. On Thursday, Aug. 27, at 6 p.m. at the Civic Center branch of the library a special "Behind the Scenes" program will be presented by the Detroit Institute of Arts.

"We will be exploring select DIA artworks to gain an appreciation of the diversity, quality and world-class status of the museum's collection," said librarian Jennifer Lund.

A special class on learning the

basics of the Word 2010 program will be taught at the Civic Center branch's computer lab on Wednesday, Aug. 19, starting at 9:30 a.m. The class is a two-parter, and will continue on Wednesday, Aug 26. Users will learn to create and edit documents, insert pictures and tables, as well as format text. Mouse and keyboard skills are required.

To register and learn more about the events, call 586-574-4564.

Mitsubishi Ends Production In U.S. After Selling 80K Cars

NORMAL, Ill. (AP) – Mitsubishi Motors confirmed July 24 that it plans to stop production at its only U.S. factory and sell the plant in central Illinois that has more than 1,200 workers.

The Japanese automaker reviewed its global supply chain and decided it was necessary to end production at the plant and find a buyer, said Dan Irvin, the company's North American spokesman. The announcement came after Japanese media reported the automaker had decided to end production in the U.S. to focus on Asian markets.

Irvin said Mitsubishi's board will soon make a formal decision on what will happen to the plant in Normal, Ill., about 100 miles southwest of Chicago. Company officials hope to find a buyer that will maintain the factory's employment. The president of UAW Local 2488, Rod DeVary, said workers were told Friday that the plant will cease production on Nov. 30.

Annual production at the plant, which makes the Outlander SUV, has fallen to 64,000 vehicles from more than 200,000 in 2002. The company sold only 82,000 vehicles in the U.S. last year – less than 1 percent of the total market.

Japan's leading business newspaper, the *Nikkei*, reported that Mitsubishi would be the first major Japanese automaker to end production in both the U.S. and Europe. The company has built a plant in Thailand, bought one from Ford in the Philippines, and is building one in Indonesia.

Illinois state Sen. Bill Brady, whose district includes Normal, said he and other state officials were already working on a plan to find another manufacturer to buy the factory.

"We are going to do everything we can to make sure people know that Mitsubishi no longer needs the facility, but that this is a facility that has a very efficient, world-class workforce and a supplier network that's second to

none," he said.

Brady also said he has talked to Mitsubishi officials have assured him that "Mitsubishi's effort to sell the plant will not be about getting top dollar for the sale but about doing the right thing."

The plant is the only Japanese-owned auto factory with UAW representation. The union contract at the plant expires this month, said DeVary.

Both Brady and Normal Mayor Chris Koos stressed that Mitsubishi's decision was not about labor issues but because of dramatically falling sales. Brady said the hope now is that the closure of the plant, which had been not been used to capacity as sales fell, "may bring the opportunity to more fully use the capacity of the plant and bring more jobs."

State and local officials would not identify specific companies they plan to recruit, but said they would not limit their outreach efforts to automakers.

"We're confident that we will be able to attract a replacement company in relatively short order," Koos said.

One industry analyst said factors such as the location of the plant and its proximity to a network of suppliers for the Detroit automobile industry could make it attractive to another automaker. But Karl Brauer, a senior analyst for *Kelley Blue Book*, also said that given Mitsubishi's financial straits over the past decade, he doubts the company has invested much in technology to bring the plant up to date.

Still, "it is a foundation, a footprint, and there is already a process in place to ship cars from (the plant) and components to it," he said, adding that another company might do as electronic car maker Tesla Motors did a few years ago when it retooled a shuttered plant in Fremont, Calif.

"They had to basically start from scratch and now it is a very vibrant plant," he said.

Ford 2Q Profits \$2.6B

(AP) DEARBORN – Ford Motor Co.'s net income jumped 44 percent to \$1.9 billion in the second quarter as global sales rose and customers paid more for new trucks and SUVs with premium features.

Ford pulled off a record quarterly profit of \$2.6 billion in North America even though dealerships weren't fully stocked with its best-selling vehicle, the F-150 pickup. The results bode well for the second half of the year, when Ford's two U.S. truck plants will be in full production and dealers will have more pickups to sell.

"We are now more confident than ever that we will deliver a breakthrough year," Ford's CEO Mark Fields said on a conference call with analysts. Fields said Ford still expects to achieve a pretax profit of \$8.5 billion to \$9.5 billion this year.

In North America, technology-rich versions of the Ford Explorer, Ford Edge and Lincoln MKX SUVs drew buyers to showrooms even as smaller, less-profitable cars like the Focus struggled.

U.S. buyers paid an average of \$37,013 for the new Edge crossover in the second quarter, or \$1,683 more per vehicle than they were paying for the outgoing model last year, according to Kelley Blue Book. Among the Edge's pricey new features is a system that automatically parks the car in parallel or regular parking spaces.

Ford said F-150 buyers paid an average of \$3,800 more per truck in the second quarter, loading

them up with features like a 360-degree camera and adaptive cruise control.

Outside North America, new vehicles like the new S-Max wagon in Europe, the Ka small car in South America and the Mustang sports car in China commanded higher prices.

The results mirrored those at Ford's crosstown rival, General Motors, which last week reported a record second-quarter profit of \$2.8 billion in North America on the strength of its SUV and truck sales.

Ford's profit of 47 cents per share compared with a profit of 40 cents per share a year ago. That beat Wall Street's expectations of a 37-cent profit for the April-June period, according to analysts polled by FactSet.

Ford's global sales rose 2 percent during the quarter to nearly 1.7 million. Sales were up in North America and Europe but fell in South America, the Middle East and Asia.

Revenue fell slightly to \$37.3 billion. Chief Financial Officer Bob Shanks said revenue took a \$2 billion hit from the strong U.S. dollar, which hurt profits in Europe, South America and elsewhere. Ford's revenue beat analysts' expectations of \$35.5 billion.

North American margins, which hit 11.1 percent in the second quarter, are expected to end the year in the upper end of the 8.5 percent to 9.5 percent range, Shanks said. Ford's overall automotive operating margin was 7.2 percent.

Catch the Tech Center News when you're on the go.

Warren, Michigan Newspaper TechCenterNews.com ©Springer Publishing Co., Inc.

ARCHIVE

Tech Center News

Definitive Newspaper of the GM Presence in Warren, Michigan

Information PageDECEMBER 8, 2014contact News Dept

Open This Week's Edition or click on image at right >>>

Published Weekly for the Tech Center and the Immediate Area

CLICK TO PRINTABLE PDF for examples of small ads in actual size with prices

Advertising Rates contact Ad Dept

return to TOP OF PAGE

SITE IS UPDATED ON THE WEEKEND FOR MONDAY, IN TIME FOR THE CURRENT BUSINESS WEEK.

Our classic tabloid format fits most of today's mobile device screen resolutions. The scrollable pdf is viewable on tablet or smartphone.

TechCenterNews.com

GM South America Names Barry Engle as President

Jaime Ardila, General Motors executive vice president and president of South America is retiring after nearly three decades at the company.

Barry Engle, a seasoned automotive executive and currently chief executive officer of Agility Fuel Systems, will join GM in September and succeed Ardila, said GM spokesman Dave Roman.

"We appreciate Jaime's 29 years of dedicated service and significant contributions in his many roles in North America, Europe and South America," said GM president Dan Ammann. "We have made tremendous progress in South America under his leadership and I thank him for the support and strategic counsel he has given me over the past four years."

"It has been an honor and a privilege to work for this great company for almost three decades and meet some of the best people in the industry," said Ardila. "More than ever, I am convinced GM has the resources to be the most valued automotive company in the world: great leadership, product excellence, total customer focus and a winning mentality."

Ardila recently has led the company's efforts to grow Chevrolet through a renewed product lineup with a focus on technology, fuel-efficiency and quality.

As part of this product overhaul, he also has led an initiative to raise the percentage of component localization for cars made in Brazil. Ardila, 60, has held his current position since 2010. He began his career with GM in 1984 in Colombia.

In his new role, Engle will be responsible for operations in



Barry Engle

Brazil, Argentina, Paraguay, Uruguay, Chile, Peru, Colombia, Ecuador and Venezuela. He will also become a member of the GM Executive Leadership Team, reporting to Ammann.

"Barry brings a wealth of leadership, global perspective and previous automotive experience to this significant position in our company," said Ammann. "He also has valuable operations experience in the Brazilian market from earlier in his career."

"I'm very excited to join the General Motors team and return to an industry that I love," said Engle. "I'm particularly looking forward to working with my colleagues in South America as we manage through some near-term macro challenges while building and positioning the business for continued long-term leadership in the region."

Engle, 51, holds a Bachelor of Arts in Economics, with a minor in Spanish, from Brigham Young University and a Master of Business Administration from The Wharton School of the University of Pennsylvania.

VYLETEL

VISIT OUR WEBSITE TO SEARCH FOR MORE VEHICLES & GREAT DEALS ON NEW BUICK'S OR GMC'S AT WWW.VYLETEL.NET

BUICK VERANO OWNERS
Receive An Additional \$1500 Rebate
Towards Select Buick Models

2015 BUICK VERANO FWD 1SD

24 MONTH LEASE FOR ONLY 10K MILES PER YEAR

\$109*

Stock #4177-15 • Deal #53282 • \$1593 total due at signing.
GM price figured with Lease Conquest Rebate. Must have NON GM in household.
Lease example is stock number specific. NO SECURITY DEPOSIT REQUIRED.

0% FINANCING AVAILABLE

ATTENTION LEASE CONQUEST CUSTOMERS
Receive Up To An Additional \$1,500 Off! Towards Purchase Or Lease. On Select 2015 Buick/GMC Models.

<p>2015 BUICK REGAL FWD</p> <p>24 MONTH LEASE FOR ONLY</p> <p>\$159*</p> <p><small>Stock #4258-15 • Deal #52861 10k miles per year. \$1624 total due at signing. GM employee price figured with Lease Conquest Rebate. Must have Non GM in household set to expire 365 days from delivery. See dealer for complete details. NO SECURITY DEPOSIT REQUIRED!</small></p>	<p>2015 BUICK LACROSSE 1SL LEATHER</p> <p>EVERYONE'S PRICE NOW</p> <p>\$29,999*</p> <p><small>WAS \$37,815 YOU SAVE OVER \$7,800 OFF LIST</small></p> <p>24 MONTH BUICK EXPERIENCE LEASE FREE Maintenance • FREE XM Radio • FREE OnStar</p> <p><small>Stock #6898-15 GM pricing plus tax, title & lic. fee. Stock number specific tax is \$271.28</small></p>	<p>2015 BUICK ENCORE FWD</p> <p>BUICK LUXURY FOR LESS</p> <p>24 MONTH LEASE FOR ONLY</p> <p>\$129*</p> <p><small>Stock #4299-15 • Deal #49782 10k miles per year. \$1690 total due at signing. GM pricing plus tax, title & lic. fee. Must have Non GM in household set to expire 365 days from delivery. NO SECURITY DEPOSIT REQUIRED!</small></p>	<p>2015 BUICK ENCLAVE FWD CONVENIENCE GROUP</p> <p>24 MONTH LEASE - 10K/YR</p> <p>\$229*</p> <p>24 MONTH LEASE - 12K/YR</p> <p>\$249*</p> <p><small>Stock #4090-15 • Deal #55322 \$1773 total due at signing. GM pricing plus tax, title & lic. fee. Must have Non GM in household set to expire 365 days from delivery. NO SECURITY DEPOSIT REQUIRED!</small></p>
<p>ATTENTION CURRENT GMC LESSEE'S - LEASE A GMC SIERRA FOR LOWEST PRICE IN GMC LINE UP FOR PICKUP'S EQUIPPED WITH 4X4/V-8</p>			
<p>2015 GMC TERRAIN FWD SLE-1</p> <p>24 MONTH LEASE FOR ONLY</p> <p>\$139*</p> <p><small>Stock #8233-15 • Deal #52862 10k miles per year. \$699 total due at signing. GM pricing plus tax, title & lic. fee. Must have Non GM in household set to expire 365 days from delivery. NO SECURITY DEPOSIT REQUIRED!</small></p>	<p>2015 GMC ACADIA FWD SLE-1</p> <p>24 MONTH LEASE FOR ONLY</p> <p>\$199*</p> <p><small>Includes Remote Start</small></p> <p>24 MONTHS OF FREE MAINTENANCE</p> <p><small>Stock #7945-15 • Deal #51286 10k miles per year. \$1806 total due at signing. GM pricing plus tax, title & lic. fee. Must have Non GM in household set to expire 365 days from delivery. NO SECURITY DEPOSIT REQUIRED!</small></p>	<p>2015 GMC YUKON 4WD SLE</p> <p>27 MONTH LEASE FOR ONLY</p> <p>\$419*</p> <p><small>\$1995.00 DOWN</small></p> <p>4x4 • V8</p> <p><small>Stock #720561 • Deal #55169 10k miles per year. \$2980 total due at signing. GM price lease figured with Buick/GMC Loyalty Rebate. NO SECURITY DEPOSIT REQUIRED!</small></p>	<p>2015 GMC SIERRA 1500 4WD DOUBLE CAB</p> <p>24 MONTH LEASE FOR ONLY</p> <p>\$199*</p> <p><small>ATTENTION CURRENT BUICK/GMC LESSEE'S</small></p> <p>LIMITED EDITION ELEVATION SERIES</p> <p><small>Stock #8976-15 • Deal #52863 10k miles per year. \$1612 total due at signing. GM pricing plus tax, title & lic. fee. GM price lease figured with Buick/GMC Loyalty Rebate. NO SECURITY DEPOSIT REQUIRED!</small></p>

VISIT OUR WEBSITE TO SEARCH FOR MORE VEHICLES & GREAT DEALS ON NEW BUICK'S OR GMC'S AT WWW.VYLETEL.NET

40755 Van Dyke • Sterling Heights • 586.977.2800

WWW.VYLETEL.NET

SALES: Sun CLOSED; M, TH 8:30am-9pm; T, W, F 8:30am-6pm; SAT 10am-3pm
SERVICE: Sun CLOSED; M, TH 7am-8pm; T, W, F 7am-6pm; Sat 8am-1pm

*GM Employee Pricing Plus Tax, Title, Lic. and Doc. No Security Deposit Required. Lease Conquest Rebate Must Have Non GM Lease In Household To Expire Within 90 Days Of Delivery Of New Purchase Or Lease. Lease Loyalty Rebate Must Have 1999 or Newer GM Vehicle In Household. Programs subject to change. Photos may not represent actual vehicle. Price is subject to change without notice. Lacrosse stk 6898-15 lease figured with DBC cert. \$1000.00 DBC credit is while supply last. Payment may be higher if dealer DBC cert expire. See dealer for details. Expires 7/31/15.

THANKS FOR THE FANTASTIC MONTH AUGUST SHOULD BE BETTER

CALL FOR NEW PROGRAMS



CALL BRUCE LITVIN - 24/7 & 365 -
40 YEARS OF QUALITY SERVICE
CELL # 1-586-405-5175
blitvin@lunghamer.com

1-888-665-5438

Joe Lunghamer



CHEVY
#44296



Drive Beautiful!



BUICK
#42333

GMC
#21552

475 SUMMIT DRIVE • 248-292-2502 • 5825 HIGHLAND RD. (M59) • WATERFORD

This Weeks SPECIALS!

<p>2015 EQUINOX "LT"</p> <ul style="list-style-type: none"> • 2 Yr/24,000 Scheduled Maintenance INCLUDED! • 2.4L DOHC Engine! • 7" Color Touch Screen MyLink Radio! • Remote Vehicle Entry! • Rear Vision Camera! • OnStar w/4G LTE w/built-in Wi-Fi hotspot! • Tilt and Telescopic Steering Column! • 17" Aluminum Wheels! • 32 MPG on the Highway! <p><small>Stock #F24542</small></p> <p>NO SECURITY DEPOSIT REQUIRED. TAX, TITLE AND PLATE FEES EXTRA!</p> <p>24 MONTH LEASE:</p> <p>\$119* OR \$119*</p> <p><small>\$0 DOWN W/LEASE CONQUEST \$999 DOWN W/LEASE LOYALTY</small></p>	<p>2015 TRAX AWD "LS"</p> <ul style="list-style-type: none"> • 2 Yr/24,000 Scheduled Maintenance INCLUDED! • All-Wheel Drive! • ECOTEC 1.4L Turbo DOHC VVT Engine! • OnStar w/4G LTE w/built-in Wi-Fi hotspot! • 7" Color Touch Screen Radio! • Remote Keyless Entry! • Bluetooth for Phone! • Theft Deterrent System! • 24 MPG on the Highway! <p><small>Stock #F23665</small></p> <p>NO SECURITY DEPOSIT REQUIRED. TAX, TITLE AND PLATE FEES EXTRA!</p> <p>24 MONTH LEASE:</p> <p>\$98* OR \$98*</p> <p><small>\$0 DOWN W/LEASE CONQUEST \$999 DOWN W/LEASE LOYALTY</small></p>
<p>FINAL DAYS for Chevy Lease Pull-Ahead...Waiving Up To 3 Payments!*</p>	
<p>2015 MALIBU "LS"</p> <ul style="list-style-type: none"> • 2 Yr/24,000 Scheduled Maintenance INCLUDED! • 2.5L DOHC VVT Engine! • AM/FM/CD Radio! • OnStar with 4G LTE with Built-in Wi-Fi hotspot! • Vertical Power Driver Seat! • Remote Vehicle Entry! • Tilt & Telescopic Steering Wheel! • Aluminum Wheels! • 36 MPG on the Highway! <p><small>Stock #F23614</small></p> <p>NO 1ST PAYMENT OR SECURITY DEPOSIT REQUIRED. TAX, TITLE AND PLATE FEES EXTRA!</p> <p>24 MONTH LEASE:</p> <p>\$88* OR \$88*</p> <p><small>\$0 DOWN W/LEASE CONQUEST \$999 DOWN W/LEASE LOYALTY</small></p>	<p>2015 SILVERADO "LT"</p> <ul style="list-style-type: none"> • 2 Yr/24,000 Scheduled Maintenance INCLUDED! 4x4 • DBL CAB • ECOTEC 3.4L V6 Engine! • Color Screen MyLink Radio w/USB Ports! • Automatic Transmission! • GM Bed Liner INCLUDED! • OnStar w/4G LTE w/built-in Wi-Fi hotspot! • Steering Wheel Radio Controls! • Power Locks & Windows! • Remote Keyless Entry! • Aluminum Wheels! <p><small>Stock #F24508</small></p> <p>NO SECURITY DEPOSIT REQUIRED. TAX, TITLE AND PLATE FEES EXTRA!</p> <p>24 MONTH LEASE:</p> <p>\$119*</p> <p><small>\$999 DOWN</small></p>

MORAN CHEVROLET
moranchevy.com
(586) 791-1010

Where You Always Get...

RICH MILNE
rmilne@moranautomotive.com

35500 S. Gratiot Ave. / North of 15 Mile / Clinton Township

COMPLETE CARE / **FIND NEW ROADS**

*Pictures may not represent actual sale vehicle. All applicable rebates including conquest and/or loyalty offers have been deducted from Sale Prices/Payments and are subject to change by the manufacturer without notice and are plus title, tax and plate fees. GM Employee discount is required expect where noted. Leases are 10,000 miles per year. Lease pull-ahead is for current Chevrolet leases w/aving up to 3 remaining payments (up to \$1500). Silverado Down Payment assistance requires financing through ALLY, GM Financial or Wells Fargo. KBB Trade-In guarantee is on 2003 to 2011 model vehicles less reasonable reconditioning costs. No bad Carfax or branded titles. Certain restrictions apply. See dealer for complete details on all incentives/offers. Due to advertising deadlines, prices/programs are subject to change. Sale ends 7/31/2015 @ 6:00PM.

Average Age of Vehicle is 11.5 Years Old

DETROIT (AP) – In the age of Apple’s CarPlay, a lot of vehicles on the road still have tape decks. The average vehicle in the U.S. is now a record 11.5 years old, according to consulting firm IHS Automotive, a sign of the increased reliability of today’s vehicles and the lingering impact of the sharp drop in new car sales during the recession. Drivers behind the wheel of older cars aren’t enjoying some of the latest advanced safety features or infotainment systems that effectively turn cars into cellphones on wheels. Then again, they don’t have to worry about hackers finding their way in to the car’s computer network through the cassette or CD player. IHS said U.S. registrations grew to a record 257.9 million cars and trucks, up 2 percent from a year earlier.

The average age of vehicles has been climbing steadily since IHS began tracking the number in 2002. As quality and reliability have improved, people have been holding on to their cars and trucks for longer. The average length of ownership for a new vehicle is now almost 6.5 years, IHS said. For a used vehicle, it’s five years. Cars and trucks now have the same average age, says Mark Seng, IHS Automotive’s global aftermarket practice leader. For many years, cars had shorter lifespans than trucks, but their quality has now caught up. Experts say there’s no rule for how long to hold on to an old car or truck. A car with good reliability can go for 200,000 miles or more, which can easily last a decade for some motorists, says Doug Love, a spokesman for Consumer Reports.

Johnson Controls Separates its Auto Division

MILWAUKEE (AP) – Johnson Controls says it will spin off its automotive division into a separate publicly traded company as it continues to wine down its business. The company said July 24 that it expects to complete the tax-free spinoff in about a year. The business makes seats and seating components, trim, foam and fabric and it had \$5.4 billion in revenue in Johnson Controls’ latest fiscal quarter. That’s most of the company’s revenue. Johnson Controls said in June that it was looking at options for separating the business. The Milwaukee-based company said its vice chairman Bruce McDonald will be the chairman and chief executive officer of the new company. Johnson Controls executive Beda Bolzenius will be its president and chief operating officer.

Bolzenius is currently president of the business and is also vice chairman of Johnson Controls’ Asia Pacific unit. Johnson Control’s automotive interiors business, which makes instrument panels, floor consoles and door panels, recently became part of a joint venture between Johnson Controls and Yanfeng Automotive Trim Systems of China. Yanfeng owns 70 percent of the joint venture, and it’s expected to have about \$8.5 billion in annual revenue. In March Johnson Controls agreed to sell a business that manages spaces for corporations to CBRE Group Inc. for \$1.48 billion. Its revenue slipped 2 percent to \$9.61 billion, as automotive revenue fell 6 percent. Revenue from the heating and ventilation systems business rose 5 percent to \$2.73 billion and revenue from its automotive battery business fell 2 percent to \$1.47 billion.

The magazine doesn’t recommend driving older cars without two key safety features introduced more than a decade ago: electronic stability control and side curtain air bags. The aging car population could mean that Americans will be slow to adapt safety and semi-autonomous features that have car company executives and experts heralding a new age of the automobile. Adaptive cruise control arrived in the U.S. market in 2006, for example, but nine years later only 6 percent of all cars have it, according to a recent report from Boston Consulting Group. It will also take longer for much-hyped advances like CarPlay – which gives drivers access to their apps through the dashboard – to become commonplace.

But Seng says the auto industry should take heart. Even though the average vehicle age shows no sign of reversing, it is starting to plateau, since buyers have returned to the car market in big numbers. Sales of new cars rose from 12.7 million in 2011 to 16.5 million last year and are expected to reach or exceed 17 million this year. IHS thinks the average vehicle age will hit 11.6 years in 2016 but won’t climb to 11.7 years until 2018. Seng says that’s a more normal rate than the industry saw in the years after the recession. Vehicle age increased rapidly between 2008 and 2013, since more people were keeping older cars. In 2008, the average age of cars and trucks in the U.S. was 10 years; by 2013, it was 11.4 years, or 14 percent higher.

**WE DO HOUSE CALLS OR COME SEE US...
Before You Trade-In or Sell Your Car**

JIM DOUGLAS AUTO SALES



Buyer & Seller of Clean Vehicles Since 1975!

**You'll Get Your Tax Break
Plus 100's if not 1,000's More**

248.332.8326

1153 Baldwin Rd • Pontiac • www.jimdouglasautosales.com

ED RINKE



NEW REGAL 2015
1SN FWD
LEASE FOR 24 MONTHS **\$109***
PURCHASE FOR **\$24,932***

<p>NEW ENCORE 2015 LEASE FOR 24 MONTHS \$79* PURCHASE FOR \$19,997*</p>	<p>NEW VERANO 2015 1SD LEASE FOR 24 MONTHS \$79* PURCHASE FOR \$18,972*</p>	<p>NEW LACROSSE 2015 1SL LEASE FOR 39 MONTHS \$179* PURCHASE FOR \$29,895</p>	<p>NEW ENCLAVE 2015 LEASE FOR 36 MONTHS \$179* PURCHASE FOR \$31,455*</p>
<p>NEW TERRAIN 2015 LEASE FOR 24 MONTHS \$79* PURCHASE FOR \$21,685*</p>	<p>NEW ACADIA 2015 SLE-1 LEASE FOR 24 MONTHS \$139* PURCHASE FOR \$26,977*</p>	<p>NEW SIERRA 2015 DBL. CAB 2WD ELEVATION EDITION LEASE FOR 24 MONTHS \$119* PURCHASE FOR \$30,902*</p>	<p>NEW YUKON 2015 4WD SLE LEASE FOR 36 MONTHS \$389* PURCHASE FOR \$46,340*</p>
<p>NEW VOLT 2015 LEASE FOR 36 MONTHS \$199* PURCHASE FOR \$27,657*</p>	<p>NEW TRAX 2015 LS LEASE FOR 24 MONTHS \$39* PURCHASE FOR \$15,777*</p>	<p>NEW CRUZE 2015 LEASE 1LT 24 MONTHS \$36* PURCHASE A 1LS FOR \$13,995*</p>	<p>NEW SILVERADO 2015 DBL. CAB 2WD LEASE FOR 24 MONTHS \$99* PURCHASE FOR \$23,998*</p>
<p>NEW MALIBU 2015 1LT LEASE A 1LT 24 MONTHS \$46* PURCHASE A 1LS FOR \$16,859*</p>	<p>NEW EQUINOX 2015 LEASE A LT 24 MONTHS \$59* PURCHASE A 1LS FOR \$17,995*</p>	<p>NEW TRAVERSE 2015 LS LEASE FOR 24 MONTHS \$99* PURCHASE FOR \$23,987*</p>	<p>NEW CAMARO 2015 2LS LEASE FOR 24 MONTHS \$149* PURCHASE FOR \$20,995*</p>

WE'LL GIVE YOU A \$3,500 MINIMUM FOR YOUR 2003 OR NEWER TRADE IN.

ED RINKE

FAST • FRIENDLY • DISCOUNTS



GM SERVICE CENTER
MICHIGAN'S LARGEST
•SERVICE DEPT. •PARTS •BODY SHOP
866-452-1547
26125 Van Dyke @ 10 1/2 Mile Center Line, MI 48015

SERVICE HOURS: Monday & Thursday 6:30am-9:00pm; Tuesday, Wednesday & Friday 6:30am-6:00pm • Shuttle at 6:30am - Pick-up Both Ways • All Day starting at 6:30am.

Quick Oil Change EXPRESS

LUBE OIL FILTER \$23.95
Up to 5 qts.

Fluid Level, Brake & Alignment Check Included.

Open Mondays & Thursdays until 8:30pm
Excludes synthetic, Diesel & Med. Duty Trucks.
Most GM cars & trucks. One coupon per customer. Must present coupon with order. Plus tax. Expires 8-31-15.

BODY SHOP

586-754-7000 ext 1231

INSURANCE WRECK AMENDED

TRANSPORTATION AVAILABLE During Scheduled Repairs

FREE OIL CHANGE With Each Major Repair



Nicole Dodge
nhuminski@edrinke.com



Jim Pfeifle
jpfeifle@edrinke.com



Dennis Thacker
dthacker@edrinke.com



Paul Makowski
pmakowski@edrinke.com

See us for your GM employee purchases.

1-877-451-7707

26125 Van Dyke at 10 1/2 Mile Rd.

Visit our website: edrinke.com

SHOWROOM HOURS: Mon. & Thurs. 8:30am-9pm
Tues., Wed., & Fri. 8:30am-6pm

FIND NEW ROADS

CHEVROLET

All applicable rebates including lease/conquest offers have been deducted from sale price/payment. Pictures may not represent actual vehicle. Prices subject to change per GM incentives. Prices and payments are inclusive of active GM Employee Discount (unless otherwise stated). Below GM Pricing only valid on certain models. Trax, Cruze, Silverado, Malibu, Equinox, Camaro and Traverse are 24 month leases. Volt is a 36 month lease. Must qualify for Volt to Volt Loyalty. You must own or lease a Volt. All leases are 10k miles per year w/ approved 5 Tier credit w/ \$999 due at signing. Prices & payments are plus tax, title, and plate fees. Must finance through Ally GM Financial and Wells Fargo. Refundable security deposit required on certain vehicles – to be determined by lender. For Silverado, must trade in 199 or newer model vehicle. GM Employee discount to everyone valid on certain models. **\$3500 trade-in is valid on 2003 or newer vehicles with under 115k miles in drivable condition, no branded titles, less reconditioning determined by appraiser. Certain restrictions may apply, see salesperson for details. ** Excludes '15 Suburban, '15 Tahoe, '15 Colorado, '15 Corvette – INCLUDES '16 Cruze, '16 Traverse *** Expiration Date – 8/31/15.

See us for your GM employee purchases.

1-866-452-1300

26125 Van Dyke at 10 1/2 Mile Rd.

Visit our website: edrinke.com

SHOWROOM HOURS: Mon. & Thurs. 8:30am-9:00pm; Tues., Wed., & Fri. 8:30am-6:00pm

All prices and payments include GM rebates. Pictures may not represent actual vehicle. Prices subject to change per GM incentives. Prices and payments are inclusive of active GM employee discount (unless otherwise stated). All leases are 10,000 miles per year with approved 5 Tier credit. Vehicles shown are \$999 down. Must have lease loyalty and/or conquest. Must have closing competitive lease. Prices and payments are plus tax, title, plate fee, refundable security deposit required on certain vehicles – to be determined by lender. GM employee discount to everyone valid on certain models. **\$3,500 trade in is valid on 2003 or newer vehicles w/ under 115k miles in drivable condition, no branded titles, reconditioning determined by appraiser. Certain restrictions may apply, see dealer for complete details. ** Exp date: 8/31/15.

Now looking for experienced salespeople to join our team!