

FCA Invests in Dealer Network

A strong dealer network is a priority with FCA management.

To that end, FCA has introduced a new program aimed at identifying, developing and placing dealer candidates as it works to strengthen and enhance its U.S. dealership network.

The new program, called Dealer Market Investment, will cultivate and provide financial support to proven, high-potential individuals who want to operate a Chrysler-Dodge-Jeep-Ram or Alfa Romeo-Maserati dealership but have limited funds.

The program seeks to match potential dealers with specific markets where they can succeed, said Reid Bigland, head of U.S. Sales.

"This program places the support of FCA behind high-potential dealer candidates and tells them we have their backs as they enter the retail vehicle sales business," Bigland said.

Candidates apply through a process that requires demonstrated leadership skills, financial acumen and customer satisfaction, as well as a proven track record of exceptional sales performance.

Candidates must also participate in FCA's dealer assessment and development program and invest substantial amounts of their own start-up capital.

FCA – through its relationships with Chrysler Capital and Ally Financial – will provide 85 percent of the funds needed to cover a dealership's working capital through low-interest loans while the potential dealer covers the remaining 15 percent.

For the real estate investment, Chrysler Capital and Ally Financial will provide 80 percent of the funding, FCA will provide 15 percent and the potential dealer will cover the remaining 5 percent.

"High-potential candidates, whose mere constraint may be a lack of capital, are given support for their startup costs while

using their funding to jump-start operations at the dealership," said Al Gardner, head of Network Development.

"We expect a variety of individuals to use this approach to quicken their impact in the market where they are establishing their dealership."

FCA recently piloted the program at Northland Chrysler-Jeep-Dodge-Ram in Oak Park.

"This is an area of the market that has tremendous growth potential," said Bashar Cholah, senior manager of Market Repre-

CONTINUED ON PAGE 3



Northland Chrysler Jeep was a test dealership for new FCA program.

Survey Says That Young Folks Really Do Like Cars

The results of a new survey by Hagerty, a membership, insurance, and media organization for collectible vehicles and owners of cars, show driving and autonomous vehicles challenges the conventional wisdom about the nation's largest generation and suggests the demise of the car among millennials was overstated during the recession.

Long thought to be less interested in vehicle ownership and driving, 81 percent of millennial drivers taking part in the nationwide survey said they like, love or are passionate about driving, in line with Gen Xers (78 percent) and baby boomers (79 percent), said Hagerty spokesman Jonathan Klinger. A full 57 percent of all drivers – including 64 percent of millennials – believe a movement will be needed to preserve the driving experience when autonomous cars are the norm.

"Full autonomy is going to save lives, make commuting easier and unclog cities," said McKeel Hagerty, CEO of Hagerty. "But these survey results also indicate that people, including millennials, are always going to want to drive themselves when they want to. It's clear people don't want to lose the joy, freedom and control that comes with having their hands on the wheel."

Hagerty commissioned the survey in response to the rapid rise of autonomous vehicle technology. The survey polled a thousand U.S. drivers 18 years and older. The mixed pool of re-



2018 Ford Mustang



2018 Fiat 500e



2018 Chevrolet Camaro

Detroit OEMs Get 6 of 10 in Coolest Cars Under \$35,000

Sometimes the coolest cars have the hottest prices, but not the cars listed on the Driving Today website – and Detroit automakers passed with flying colors.

The automotive editors at that website listed three FCA, two GM cars and one Ford in the top 10 list of coolest cars under \$35,000.

Among the vehicles listed is the 2018 Dodge Challenger R/T, said FCA spokeswoman Claire Carroll, which placed third on the Driving Today list. Editors wrote that it is a true muscle car

with Hemi V8 power under the hood, room for five and plenty of space in the trunk.

Challenger R/T features the high-torque 5.7-liter Hemi with 375 horsepower and up to 410 lb.-ft. of torque mated to either the TorqueFlite eight-speed or standard six-speed manual transmission.

For 2019, the Challenger R/T has a starting U.S. Manufacturer's Suggested Retail Price of \$34,100, making it the most affordable V8 in the segment.

Editors also liked the Fiat 500e for its beautiful interior and praised it for its zero emissions, Carroll said. It placed sixth on the list and editors wrote that it "captures fiscal and environmental responsibility while maintaining a fun driving experience."

The final FCA selection by editors is the Fiat 124 Spider Abarth for its beautiful exterior Italian styling and great handling for on-road performance, Carroll said. It was number two on the list.

Editors wrote that "from a pure

electric vehicle, to a classic two-seat sports car, to what has to be the best muscle car bargain on the planet, FCA is offering some of the coolest cars out there," said Jack R. Nerad, contributing editor at Driving Today.

"The Fiat 500e is the cheekiest EV on the street; the Fiat 124 channels the best aspects of the traditional sports car, and then there is the Dodge Challenger R/T and its beefy Hemi V8.

CONTINUED ON PAGE 9



These comparison views show how Ford tech (bottom) helps traffic flow.

Ford Car Tech Helps Keep Traffic From Jamming Up

Ford and Vanderbilt University researchers demonstrated over the Fourth of July holiday period that so-called phantom traffic jams could be minimized with widespread use of adaptive cruise control available today in most Ford vehicles.

The team conducted what is believed to be the largest, most realistic demonstration of its kind, showing that existing technology could help minimize phantom traffic jams, which hap-

pen for seemingly no reason and can cause hazardous traffic backups, said Ford spokesman Wes Sherwood.

On a closed Ford test track, 36 drivers simulated normal highway traffic using adaptive cruise control, which can automatically slow down and speed up to keep pace with the car in front without getting fatigued or distracted.

CONTINUED ON PAGE 2

CONTINUED ON PAGE 4

Detroit Auto Scene®

31201 Chicago Road South
Warren, Michigan 48093

586-939-6800

Contact us:
Info@DetroitAutoScene.com

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

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

Detroit Auto Scene is a registered
trademark of Springer Publishing Co.

www.DetroitAutoScene.com

Macomb County Gets New Head For HR, Labor

Macomb County Executive Mark A. Hackel has appointed Andrew S. McKinnon to the position of director of the Macomb County Department of Human Resources and Labor Relations (HRLR).

McKinnon replaces Karen Bathanti, who announced her resignation in May.

“Karen’s commitment to employee relations and the county as a whole was a tremendous driver in helping us build our great workforce and she will certainly be missed,” said Hackel.

“Looking ahead, we are confident that Andrew will be a strong leader that brings creativity and passion to the HR director role.”

McKinnon has served as the assistant superintendent for human resources at Center Line Public Schools. He was responsible for organizing, evaluating, developing and implementing district functions and programs related to HR.

TACOM Commander LeMasters Retires from U.S. Army

The Detroit Arsenal’s Tank-automotive and Armaments Command (TACOM) has a new commanding officer.

Maj. Gen. Clark W. LeMasters, Jr., last week turned over his command to Maj. Gen. Daniel G. Mitchell. TACOM was LeMasters’ final assignment. He said that he will be moving to the retirement house he bought in North Carolina, just below the Virginia border.

The change of command ceremony, held on July 12, was overseen by Gen. Gustavo Perna, commander of the U.S. Army Materiel Command, which oversees TACOM.

Donna Edwards, TACOM Community and Media Relations officer, said the ceremony was held at the Detroit Arsenal’s new running track area. Past ceremonies were held in parking lots.

The ceremony began with a history of the Detroit Arsenal and the history of TACOM. Perna noted it all started back in 1940, just before the United States’ entry into WWII.



Mitchell speaking at the TACOM change of command ceremony.

The location in Warren was carved out of farm land, but since then both Detroit and the duties and commands at the Detroit Arsenal have grown.

Now TACOM manages the Army’s ground and support systems materiel enterprise and the Army’s related organic industrial capabilities. TACOM develops

and delivers readiness for ground and support systems globally from its headquarters at Detroit Arsenal, Perna said.

“It’s a great day and I would like to begin by saying we appreciate this nice Michigan weather,” Perna said.

“The ceremony is being held in that perfect storm between the

state’s 10 months of winter and what they call summer heat.”

Perna said change of command ceremonies have a storied history in the Army and matter because a commander must be ready to do his all for his troops and his mission. Perna also said that under LeMasters, TACOM has made great strides in improving service to the American soldier and that Mitchell will continue on that path.

LeMasters said that when he took command he told his troops that the TACOM mission wouldn’t change. It’s about supporting soldiers, but the way they perform their mission will improve and evolve.

“I challenge you and your peers to transform, change and complete the mission that’s been started,” LeMasters said.

Mitchell thanked LeMasters for his hard work and said that TACOM’s goals remain the same no matter who is in command – integrate and sync up Army procedures for the benefit of soldiers.

Ford Technology Aims to Keep Traffic Flowing Smoothly

CONTINUED FROM PAGE 1

Those drivers then drove the same course, but without the technology – meaning they had to manually brake and accelerate the vehicle, Sherwood said.

The results of the test showed vehicles using adaptive cruise control reduced the impact of a braking event more than those vehicles without the activated technology.

Even with just one in three vehicles using adaptive cruise control, the test yielded similar traffic-busting benefits.

“A fun Fourth of July family road trip can quickly become irri-

tating when traffic slows to a crawl – especially once you learn there was no reason for the gridlock,” said Michael Kane, supervisor, Ford Co-Pilot360 Technology.

“We encourage Ford owners who have adaptive cruise control to use it during their summer travels in the hope this smart technology today can be that first step to help ease commutes.”

Ford currently offers adaptive cruise control on 71 percent of U.S. models.

“For years, traffic researchers and engineers have been looking to smart vehicle technologies to reduce traffic congestion, whether that’s vehicles that talk to each other or vehicles that can predict the road ahead,” said Daniel Work, civil engineering professor at Vanderbilt University.

“This demonstration was a

unique opportunity to understand how commercially-available active driver-assist technologies can be used to positively influence traffic flow.”

Work and lead PhD researcher, Raphael Stern, have been working with the support of the National Science Foundation to determine how smart technologies can provide a pathway to fewer traffic snarls – and reduced overall fuel consumption, Sherwood said. They plan on publishing the results of the Ford demonstration in an upcoming academic journal.

As with crashes, human factors – such as merging into traffic without signaling, distracted driving, poor driving habits and reaction times, or unnecessary braking – are the main causes of phantom traffic jams.

Think of it like this: Once one driver hits the brakes, a chain

reaction can occur as other drivers tap their brakes, causing the flow of traffic to halt, Sherwood said.

“Unlike the traffic jams caused by accidents or road construction, phantom traffic jams appear out of nowhere,” Work said. “Combined, traffic backups cost the typical American commuter on average an additional 41 hours a year sitting in traffic at a cost of \$1,400 per commuter.”

These figures take into account lost productivity, fuel burned while idling and increased wear and tear, Work said.

This year, the company is launching FordCo-Pilot360, the most advanced suite of standard driver-assist technologies – a combination other non-luxury competitors don’t offer standard in North America – to help people navigate these challenging conditions, said Work.

Ford Co-Pilot360 includes standard automatic emergency braking with pedestrian detection, blind spot information system, lane keeping system, rear backup camera and auto high-beam headlamps.

The new 2019 Edge is Ford’s first vehicle to offer adaptive cruise control with new lane centering technology, providing support on long road trips by helping keep the vehicle centered in its lane.

Three lanes of 12 vehicles each were tested on a closed high-speed oval simulating a highway. The lead vehicles in each lane slowed from 60 to 40 mph to mimic a traffic disturbance.

Without the ACC technology, the drivers each braked harder than the vehicle ahead, which led to a braking wave that became more pronounced further down the traffic stream.

In other words, the non-ACC drivers amplified the initial braking event, in some cases to the point where traffic slowed to a crawl, Sherwood said.

The demonstration was repeated with all vehicles using adaptive cruise control set at 62 mph, just slightly higher than the lead vehicles to ensure the vehicles remained in a constant platoon. In these demonstrations, the ACC systems outperformed the human drivers in almost every braking situation.

In one run, the ACC actually suppressed the braking wave so the last car in the lane only slowed by 5 mph instead of coming to a stand-still.

“The fact that we saw a commercially-viable ACC system fully suppress the traffic backup is quite impressive,” Work said.

JEFFERSON
CHEVROLET

FIND NEW ROADS

Your Only Valet GM Dealer

Only 6 Blocks From Downtown & GM RenCen

SERVICE PICK-UP & DELIVERY TO DOWNTOWN EMPLOYEES

\$39.95

OIL CHANGE & TIRE ROTATION

Includes up to 5 qts. of Dexos Oil

VALET PICK-UP OR SHUTTLE PICK-UP/DELIVERY

2018 SUMMER SELL DOWN

2018 SILVERADO Stk# T8741

\$229 WITH **\$999 DOWN**

4WD Z71
24 MONTH 20,000 MILES
5.3L V8 TRAILERING ALLSTAR

2018 EQUINOX 1LT Stk# T8748

\$159 WITH **\$999 DOWN**

24 MONTH 20,000 MILES
KEYLESS 1.5L TURBO

2018 MALIBU 1LT Stk# T8741

\$199 WITH **\$999 DOWN**

24 MONTH 20,000 MILES
KEYLESS OPEN/START DRIVER POWER SEAT REMOTE START

SILVERADO AND EQUINOX BASED ON GM EMPLOYEE PRICING WITH WELL APPROVED GM FINANCIAL LEASE APPROVAL. JUST ADD TAX, TITLE, PLATES, DOC FEE, ALL REBATES TO DEALER INCLUDES TARGET IN MARKET LEASE CASH 24 MONTHS/20,000 MILES NO SEC DEP REQUIRED FIRST PAYMENT IS DUE AT SIGNING. EXP. 7/31/18

MALIBU BASED ON GM EMPLOYEE PRICING WITH WELL APPROVED GM FINANCIAL LEASE APPROVAL. JUST ADD TAX, TITLE, PLATES, DOC FEE, ALL REBATES TO DEALER INCLUDES LEASE LOYALTY 24 MONTHS/20,000 MILES NO SEC DEP REQUIRED FIRST PAYMENT IS DUE AT SIGNING. EXP. 7/31/18

866-225-1775

www.jeffersonchevrolet.com

2130 E. JEFFERSON AVENUE
6 Blocks East of the GM RenCen • Detroit

SERVICE HOURS: Mon-Fri 7am-6pm
CLOSED SATURDAY & SUNDAY

SHOWROOM HOURS: MON. & THURS. 8:30AM-6PM / TUES. WED. & FRI. 8:30AM-6PM / FIND NEW ROADS

* Based on GMS pricing with well approved GMF lease approval. Just add tax, title, doc, and plate fee. All rebates to dealer includes GM target in market loyalty. 24 months/20,000 miles no sec dep required.

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
\$23.36
Valvoline
Includes topping off fluids
7-31-18

RADIATOR POWER FLUSH & FILL COOLANT SYSTEM
Extended Life Coolant & G05 Extra
\$79.95
7-31-18

BRAKE SPECIAL
\$229.95 • Front Premium Disc Brake Pads
• 2 New Front Rotors
• Labor Included
Most F.W.D. U.S. Cars • In-store offer ends 7-31-18

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

MAKE US YOUR FIRST CHOICE

ZT X 52 Zero Turn Mower

SALE PRICE **\$2,999** REG. \$3,400

ONLY \$60 PER MONTH*

915174

NO HOUR LIMIT

3 YEAR WARRANTY

See your professional Gravelly® dealer for complete warranty details.

HELLEBUYCK'S POWER EQUIPMENT CENTER
TOLL FREE 1-866-MOW-TOWN
WWW.HELLEBUYCKS.COM

Shelby Twp.
52881 Van Dyke
Shelby Twp., MI 48316
(586) 739-9620

Warren
31430 Mound Rd.
Warren, MI 48092
(586) 365-2411

FAMILY OWNED & OPERATED SINCE 1974

Mon & Thurs 8:30am - 7:00pm
Tue, Wed & Fri 8:30am - 5:30pm
Sat 9:00am - 3:00pm
Sun Closed

*Some restrictions apply. See your Gravelly® dealer for complete details. \$3.99 for 60 months. Special financing for those who qualify.

GM Student Corps is Going to Summer School

CONTINUED FROM PAGE 1

"With help from our GM retiree and college intern mentors, these high school students learn the value of teamwork, leadership, goal-setting and community service – lessons they'll carry with them the rest of their lives."

Student Corps high school interns are selected based on their leadership potential, dedication, determination and academics, Magyar said. In between physical tasks of cleaning, landscaping and painting, they attend workshops on managing money, building relationships and staying healthy and safe, and they tour GM facilities and dealerships.

One of the highlights of the program is the July 19 event at Detroit Mercy where students participate in workshops on student success, leadership and how to prepare for college, Erwin said.

Students wrap up their work in mid-August, then report on their projects – and lessons learned – to program champion Mark Reuss, GM executive vice president and president, Global Product Group and Cadillac, and his leadership team.

However, the program usually doesn't end there: Most retirees stay connected to the students, checking in on grades, goals and personal challenges long after summer's over, Magyar said.

Former GM Student Corps high school intern Brianne Hall is one example of the program coming full circle. Brianne participated in the program in 2014 as a high school student at East Detroit High School (now Eastpointe High School). Her first exposure to Detroit Mercy was through the program.

After excelling in the Student Corps assignment and graduating from high school, she enrolled at UDM in the fall of 2015.

This summer, four years after her first involvement in the program, she is a rising senior in the nursing program and is returning to Student Corps as a college



GM Student Corps participants visited several locations in 2017, including this school in Flint.

intern and mentor to help other students see their potential.

"I knew I wanted to come back to the GM Student Corps program," she said, "because I want to be able to pass on some of the lessons that I learned to the next class of high school students. The program is a big reason why I am where I am today, attending and thriving at Detroit Mercy as a first-generation college student."

Matt Ybarra, who graduated from Detroit Mercy's five-year MBA program in 2016, was hired by General Motors upon his graduation to serve as program coordinator for the GM Student Corps.

He was initially selected as a GM Detroit Mercy college intern at River Rouge High School in the first year of the GM Student Corps program.

Now, as the program coordinator, he works closely with Detroit Mercy administrators and faculty members to ensure that students receive a compelling experi-

ence that helps them gain a stronger understanding of college life, Magyar said.

"GM Student Corps helps create safer, more sustainable communities," he said, "but just as importantly, it changes lives."

"It's so much more than just a 10-week program and it's truly special to see the ongoing mentoring relationships between the GM retirees, college interns and high school students." the GM Student Corps has provided nearly 800 summer internships, 57 school improvement projects and more than 59 park renovations.

Last summer alone, the GM Student Corps led improvements at 18 schools and 12 parks.

Students also:

- Built 40 bikes for donation to children in need;
- Assembled 47 picnic tables and benches;
- Spread 585 yards of mulch, enough to fill more than 50 large dump trucks;
- Applied nearly 349 gallons of paint; and

- Planted 372 flowers and shrubs.

The 2018 GM Student Corps high schools are: Central (Detroit), Cody, Eastpointe, Flint Southwestern Classical Academy, Hamtramck, Harper Woods, Henry Ford, Madison, Melvindale, Osborn, Pontiac, River Rouge, Van Dyke Lincoln, Pershing and Detroit Collegiate Prep at Northwestern.

AAM Makes It To Fortune 500 Company List

American Axle & Manufacturing has been recognized by the annual *Fortune* 500 list as one of the largest corporations in the United States.

With 2017 revenue of \$6.3 billion, AAM ranks 449 on the list, said AAM spokeswoman Andrea Knapp.

"AAM achieved record sales and profitability and increased scale and business diversification during 2017," said AAM Chairman and Chief Executive Officer David C. Dauch. "We are proud to be named to the *Fortune* 500 list for the year."

The *Fortune* 500 ranks the largest corporations by total revenues. According to *Fortune*, this year marks the 64th running of the list. In total, *Fortune* 500 companies represent two-thirds of the U.S. GDP with \$12.8 trillion in revenues, \$1.0 trillion in profits, \$21.6 trillion in market value, and employ 28.2 million people worldwide.

AAM recently increased its 2018 full-year financial outlook, Knapp said. AAM is targeting sales of approximately \$7.1 to \$7.2 billion for 2018. This sales projection is based on the anticipated launch schedule of programs in AAM's new and incremental business backlog and the assumption that the U.S. car sales will be in the range of 16.8 million to 17 million light vehicle units in 2018.

FCA Investing Big in Its Dealer Network

CONTINUED FROM PAGE 1

sensation, Dealer Network Diversity and Technologies. "We worked closely with Eddie Hall III and his partner Ken Thomas to provide them this opportunity through the program. In less than one month, they had the keys to the dealership doors and are now selling our vehicles."

Hall said the Dealer Market Investment Program gave him and Thomas the wherewithal to start making improvements immediately.

"We have already picked out new furniture and have a painter set to come out within the next 30 days," Hall said. "We also now have some reserve capital so

we can do a full-scale remodel."

With the deal complete, Northland is now the only African-American-owned Chrysler-Jeep-Dodge-Ram dealership in metro Detroit.

"My dad, Eddie Jr., was born and raised in Detroit, I was raised in metro Detroit and Ken was born and raised in Detroit. So owning this store – at this time when Detroit is making a comeback – is very important to us," Hall said. "This is really a full-circle moment for us."

Thomas, who first began his automotive industry career working as a technician at the Northland dealership more than 33 years ago, said he hopes others also will take advantage of this opportunity.

"This program is exactly what I had been looking for," Thomas said. "I believe that this program will set the standard for what a dealer development program should look like in the future."

Banquet Facility

Royalty House

Proudly Family Owned for 40 Years

Seating Accommodations for 80-1200

"Experience the Elegance with Royalty"

(586) 264-8400

www.royaltyhouse.com • royalty@royaltyhouse.com

15th ANNUAL

SPE AUTOMOTIVE COMPOSITES CONFERENCE & EXHIBITION

World's Leading Automotive Composites Forum

SOCIETY OF PLASTICS ENGINEERS AUTOMOTIVE & COMPOSITES DIVISION

SEPT 5-7 2018
NOVI, MICHIGAN

SPEAUTOMOTIVE.COM/ACCE-CONFERENCE

OEMs Register For FREE
Discount Code: ACCEOEM

COMPOSITES | Driving Innovation

"THE CLOSER UP NORTH"

Get Away to Sunset Bay

ON BEAUTIFUL LAKE HURON IN CASEVILLE

Lakefront Resort!

• Lakeside Motels • Jacuzzi Suites
• Cottages • Cabins • Penthouses • Chalets

\$20 OFF
Motel Rooms
Valid Sun.-Thurs
Excluding
Cheeseburger Festival & Holidays!

Enjoy Fine Food – Cocktails at our Boardwalk Bar & Grille on our Outdoor Patio. DJ and Dancing.

989-856-2650 **bella-caseville.com**

DETROIT'S #1 CHEVY DEALER IN MIDTOWN

FREE **lyft** is now available for customers at the Ren-Cen

Delivery to Home or Office

Contact me for the Best Chevy Deal!
BeckyD@JamesMartinDetroit.com

Direct: 313.875.0507
Main: 313.875.0500

6250 Woodward Ave.
Detroit

FCA Tests Its Mettle by Developing New Type of Aluminum

The problem of improving gas mileage while upping horsepower presented FCA engineers with a problem. Their solution – invent a new variety of aluminum.

“The next time you shop for a new FCA vehicle, don’t be surprised if there’s a turbocharged four-cylinder engine under the hood,” said FCA Multimedia Editor Dale Jewett. “There won’t be any disappointment, though, as the turbo four matches some larger engines for power while also delivering improved fuel economy.”

The change is under way at FCA, Jewett said. The new 2018 Jeep Wrangler and restyled 2019 Jeep Cherokee can be equipped with a turbocharged 2.0-liter four-cylinder engine rated at 270 hp.

Even so, FCA Powertrain engineers set their sights on delivering more efficiency without sacrificing performance, Jewett said. Getting there means more pressure (boost) and higher compression ratios.

Doing that will generate more heat in the cylinder head, which sees some of the highest temperatures in an internal combustion engine.

A major challenge, though, is overcoming the strength and thermal limits of the aluminum alloys used today for cylinder heads. Those alloys, known as 319 and 356 grades, begin to severely weaken above 392 degrees Fahrenheit, Jewett said.

Now, a cooperative research effort between FCA, the federally funded Oak Ridge National Laboratory in Tennessee and casting supplier Nemak has created a new aluminum alloy that stays strong up to 300 degrees Celsius (572 degrees Fahrenheit).

In addition to staying strong at higher temperatures, this new al-

loy can be cast and machined using existing technologies and costs only 7 percent more than today’s alloys – all key goals of the three-year, \$3.5-million project sponsored by the federal government under a cooperative research and development agreement known as a CRADA.

This new alloy, known as 16HT or ACMZ, may enable engineers to narrow the “bridge” areas in the cylinder head – the areas of metal between the valves, the spark plug and the direct fuel injector.

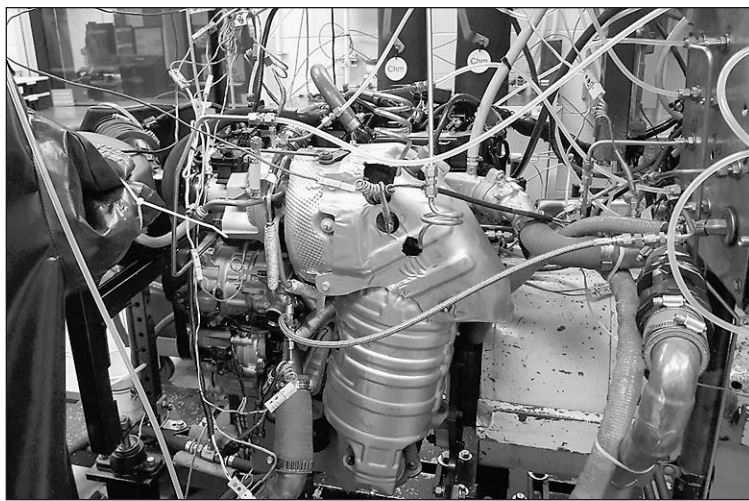
Narrowing the bridges frees up room for larger valves or even a second spark plug, giving engineers the flexibility to tailor an engine for the desired balance of performance and efficiency.

The capabilities and potential uses for ACMZ earned it a spot on R&D Magazine’s widely respected R&D100 Awards in 2017.

Copper is the key, Jewett said. ACMZ has one key difference from today’s automotive aluminum alloys (alloys are a mixture of multiple metallic elements) – it does not use silicon as the strengthening component. Instead, ACMZ uses copper.

Aluminum alloys with copper are not new, explained Gregg Black, senior manager in Advanced Powertrain Engineering at FCA. However, they are expensive, produced in low volumes and haven’t been used in the auto industry due to a tendency for the part to develop small cracks during solidification after casting, an issue known as “hot tear.”

This is where Oak Ridge National Laboratory played an important role. Oak Ridge’s advanced probes let engineers understand down to the atomic level what happens with an alloy as it cools, inspecting the forma-



FCA is testing a cylinder head cast with a new high-strength alloy.

tion, size and location of strengthening elements called precipitates.

Oak Ridge also houses the Titan supercomputer – ranked as the third-most-powerful supercomputer in the United States and seventh in the world.

Using a predictive development process known as integrated computational material engineering (ICME), the Titan supercomputer enabled the CRADA team to virtually create 50 never-before-proposed aluminum-copper recipes, then simulate the cooling and performance properties. It helped the team narrow the field to seven high-potential alloys within 24 months.

“The Titan and ICME let the team focus only on truly promising candidates instead of spending time on trial and error,” Black said. “It’s like Star Wars stuff for us, creating new alloys in the computer without having to pour it.”

The work they’re doing gives FCA a head start. FCA and its partners have applied for four patents on the new alloy. Be-

cause it was developed with government sponsorship, other companies will have the opportunity to use the new material when it becomes commercially available. But being on the ground floor of development gives FCA a head start, Black said.

Other automakers tackled the aluminum alloy high temperature issue at the same time as FCA, picking their own partners and establishing CRADAs with the government, Jewett said. Those efforts did not use copper as the strengthening agent.

“When we focused on copper, other people in the industry almost laughed us off, saying we’d

never be able to cast that,” Black said. “We knew there was competition, including other teams working at Oak Ridge National Labs, but we outperformed everyone on this.”

It will still be a few years before ACMZ appears in a production engine, Jewett said. But FCA and Nemak have already cast more than 100 cylinder heads with the alloy, using a current production design, and have put several hundred hours of dynamometer testing on some prototypes.

Also, castings made with ACMZ have been machined on the same equipment used for current production cylinder heads to prove that the new alloy is compatible with today’s manufacturing technology.

FCA powertrain engineers still have plenty of development work to do with ACMZ, documenting its design and performance capabilities to share with the company’s engine development teams, said Black.

The knowledge gained creating ACMZ can also be helpful as engineers look for better-performing materials for other powertrain components.

“We’re just getting started on the process to create a design, now that we have a material that will work,” Black said.

“We feel like we really have a tiger by the tail.”

Survey Shows Young Folks Really Do Like Driving

CONTINUED FROM PAGE 1

spondents consisted of millennials (35 percent), Generation X (26 percent), baby boomers (31 percent), and the silent generation (8 percent). The margin of error is +/-3.1 percent. The survey was fielded in spring 2018.

On the appeal of driving, the survey found:

- 79 percent of all respondents from all generations are passionate about, love or like driving;
- 85 percent said driving is an important part of American culture;
- 81 percent said learning to drive a car is a rite of passage worth preserving;
- 71 percent said driving is often fun even when they’re not driving for fun;
- 70 percent said driving is “time for myself”;
- 61 percent said driving was often a positive emotional experience;
- 59 percent said driving is a form of stress release;
- 77 percent agree they’d rather drive themselves on an open winding road.

On the subject of autonomous vehicles, the survey found that more than 85 percent of people will always want the option of driving a car themselves and 79 percent aren’t willing to see driving disappear. Supporting the desire for co-existence among autonomous and human-driven vehicles, the survey found that 66 percent of respondents didn’t think automation has to threaten the benefits of driving.

As a result of these findings, Hagerty has launched an initiative called, “Why Driving Matters,” to organize and amplify the voices of car lovers when it comes to future driving laws, Klinger said.

“One of our goals will be to work with policymakers so that years or even decades from now when the bulk of cars are fully autonomous, the act of driving is protected,” Hagerty said.

“We also want to facilitate the discussion about what driving looks like in the future – will driv-

ing someday be mostly a suburban activity? Will there be driving parks or experience centers? Will cars that drive themselves increase interest in the analog experience of driving yourself at times? We suspect so, but now’s the time to have those conversations.”

Hagerty is hosting a series of town hall discussions that will engage the public and media in dialogue around the importance of driving. Additional dates for the nationwide series will be available this month.

“The idea of actually exploring, actually driving, actually seeing different spaces, it’s the way I grew up and it’s something I fear being lost,” Hagerty said at the most recent town hall in Los Angeles.

“(Technology makes) it easy to connect with people all across the world, but are we really seeing the spaces around us? I’m not so sure anymore. One of the things I love about being in a car and especially driving one myself is I’m somehow taking command.”

Michigan Gas Prices Saw Slight Decline

DEARBORN, Mich. (AP) – AAA Michigan says average gas prices statewide have fallen about six cents in the past week to about \$2.92 per gallon.

The Dearborn-based auto club said as of July 8 that the average price for self-serve regular unleaded gasoline is about 49 cents more than at the same point last year.

Michigan’s lowest average price was about \$2.84 per gallon in the Bay City, Midland and Saginaw areas. The highest was about \$3.02 a gallon in the Ann Arbor area. AAA says it’s the 10th week in a row that the Ann Arbor area has had the highest average. The Detroit-area’s average was about \$2.98, down about 1 cent per gallon. AAA Michigan surveys daily fuel prices at 2,800 gas stations across the state.

ALL LEASE PAYMENTS 0 DOWN

2018 JEEP COMPASS LIMITED 4X2

SALE PRICE \$20,963*

0 DOWN \$134* 24 MO. 10K

MSRP \$29,285

2018 DODGE JOURNEY GT AWD

SALE PRICE \$26,751*

0 DOWN \$192* 24 MO. 10K

MSRP \$38,335

2018 RAM 1500 SLT CREW CAB BIG HORN 4X4

SALE PRICE \$30,785*

0 DOWN \$182* 39 MO. 10K

MSRP \$46,135

2018 CHRYSLER PACIFICA TOURING L

SALE PRICE \$27,298*

0 DOWN \$249* 36 MO. 10K

MSRP \$38,305

FOR YOUR BEST DEAL, IT'S Mike Riehl's www.riehlscars.com

ROSEVILLE

CHRYSLER Jeep DODGE RAM

NEED FINANCING? www.RosevilleEZLoan.com Get Pre-Approved in Seconds!

Mon & Thur 8:30AM-8:00PM • Tue, Wed & Fri 8:30AM-6:00PM
• Saturday 9:00AM-2:00PM
25800 GRATIOT • ROSEVILLE (586) 859-2500

*PRICES AND PAYMENTS BASED ON EMPLOYEE ADVANTAGE DISCOUNT, PLUS TAX, TITLE, LICENSE, DOC FEE AND DESTINATION. 10,000 MILES PER YEAR. ALL FACTORY/FINANCE/LEASE LOYALTY REBATES ASSIGNED TO DEALER. SECURITY DEPOSIT WAIVED. MUST QUALIFY FOR PREFERRED CREDIT RATING. NOT EVERYONE WILL QUALIFY. INCENTIVES SUBJECT TO CHANGE BY MANUFACTURER. LEASE PAYMENTS INCLUDE ALL REBATES AVAILABLE. PICTURES MAY NOT REPRESENT ACTUAL VEHICLES. MUST TAKE DELIVERY FROM DEALER INVENTORY BY 7/31/18

Dodge Helping Make Dragsters' Dream a Reality

Thanks to FCA, amateur drag racers will be able to learn from the pros.

Dodge is inviting its enthusiasts and National Hot Rod Association (NHRA) race fans to participate in the "Drag Strip Showdown," a head-to-head competition in Dodge Challenger SRT Demon simulators where the top four drivers with the best race times win trips to the Dodge//SRT Bondurant Drag Racing School.

The "Drag Strip Showdown" begins Thursday, July 19, at the 39th annual Dodge Mile-High NHRA Nationals Powered by Mopar near Denver.

The showdown runs through Nov. 11 at Dodge-sponsored NHRA races throughout the country, as well as the Aug. 11 Motor Trend Group's "Roadkill Nights Powered by Dodge" popular street drag racing and car festival in Pontiac, and the Oct. 30-Nov. 2 Specialty Equipment Market Association (SEMA) trade show in Las Vegas, said FCA spokeswoman Eileen Wunderlich.

The contest winners will be paired with either Mopar Dodge Top Fuel driver Leah Pritchett or Mopar Dodge Charger Funny Car driver Matt Hagan and be coached for the final competition taking place at the Bondurant school in the 840-horsepower Dodge Challenger SRT Demon – the industry's first and only purpose-built, street-legal production drag car and the most powerful muscle car ever, said Wunderlich.

"Always a popular draw at events, the Dodge Challenger SRT Demon simulators provide drivers with incredibly realistic, interactive drag racing experiences as they go head-to-head to see who has the fastest reaction time and quarter-mile time," said Steve Beahm, head of Passenger Car Brands – Dodge//SRT, Chrysler and FIAT, FCA - North America. "Honing these skills in the 'Drag Strip Showdown' will be excellent practice for working with Leah Pritchett and Matt Hagan before taking the wheel in an actual 840-horsepower Demon on the Bondurant drag racing track."

A leaderboard at each event instantly displays competitors' time and rank after their run. The Dodge Garage digital content hub will also showcase the leaderboard, displaying the top competitors and promoting the competition, Wunderlich said.

Enthusiasts have another opportunity to attend the Dodge//SRT Bondurant Drag Racing School by entering the "Drag Strip Showdown" sweepstakes component of the promotion at Dodge Garage when the promotion begins July 19.

Two additional winners will be randomly selected to receive gift certificates to the school at a date of their choosing.

Mopar Racer Hagan Enjoys Another Win

Mopar Dodge//SRT driver Matt Hagan completed a wire-to-wire weekend at New England Dragway, racing from the pole in dominant fashion to claim his second consecutive win at the NHRA New England Nationals July 7-8, and his second win in a row.

Hagan's triumphant ride in Epping, N.H., was the third consecutive and fifth of 2018 for a Don Schumacher Racing (DSR) Mopar Dodge//SRT Funny Car driver, and the seventh of the season for a Mopar Dodge in the NHRA Nitro classes.

THIS IS IT! ONE DAY SALE!

JULY IS TRUCK MONTH AT DICK HUVAERE'S!

MONDAY JULY 16TH! 8:30 AM TO 9:00 PM

WE BEAT ALL DEALS! PERIOD! 2705 NEW AVAILABLE!

#1 RAM DEALER
For Sales In Michigan
2013 / 2014 / 2015 / 2016
2017 / 2018
WE STILL HAVE 2018 RAMS

75 Must Be Sold On Monday!

750 New Vehicles Must Be Sold in July 2018!

2705 NEW VEHICLES AVAILABLE!
Don't Miss This Opportunity!

Fully Staffed and READY TO DEAL!

SPECIAL MONDAY SALE! SAVE THOUSANDS!
8:30 AM TO 9:00 PM

CLIP THESE EXCLUSIVE HUVAERE JULY 2018 COUPONS! CAN SAVE YOU UP TO \$100 A MONTH ON A 24-MONTH LEASE

EXCLUSIVE HUVAERE JULY 2018
TRADE-IN BONUS CASH
\$2000

EXCLUSIVE HUVAERE JULY 2018
1500 CREW/QUAD RAM BONUS CASH
\$3000

EXCLUSIVE HUVAERE JULY 2018
BONUS CASH
\$2000

In stock new 2014, 2015, 2016, 2017 and 2018 vehicles only. Must present coupon. Prior sales excluded. One coupon per customer per lease. Not valid with \$2000 July 2018 Bonus Cash or \$3000 July 2018 Bonus Cash. See dealer for details. Valid thru 7/16/18.

In stock new 2014, 2015, 2016, 2017 and 2018 vehicles only. Must present coupon. Prior sales excluded. One coupon per customer per lease. Not valid with \$2000 July 2018 Bonus Cash or \$3000 July 2018 Bonus Cash. See dealer for details. Valid thru 7/16/18.

In stock new 2014, 2015, 2016, 2017 and 2018 vehicles only. Must present coupon. Prior sales excluded. One coupon per customer per lease. Not valid with \$2000 July 2018 Bonus Cash or \$3000 July 2018 Bonus Cash. See dealer for details. Valid thru 7/16/18.

HOTTEST JULY LEASE DEAL!

2018 Dodge Charger GT AWD
LEASE FOR \$84**
24 Mos. \$1195 due
All Wheel Drive
143 AVAILABLE!

HOTTEST JULY JOURNEY DEAL!

2018 Dodge Journey GT
YOUR CHOICE
FWD LEASE FOR **\$86**** 24 Mos. \$495 due
AWD LEASE FOR **\$91**** 24 Mos. \$595 due
210 AVAILABLE!

HOTTEST JULY JEEP DEAL!

2018 Jeep Compass 4x4
YOUR CHOICE
Latitude LEASE FOR **\$69**** 24 Mos. \$295 due
Limited LEASE FOR **\$74**** 24 Mos. \$395 due
587 AVAILABLE!

IT'S TRUCK MONTH! WE STILL HAVE HUGE RAM INVENTORY!

HOTTEST RAM LEASE DEAL FOR JULY!

2018 RAM 1500 CREW CAB 4X4
3.6L V6
Express
LEASE FOR \$95** 24 Mos. \$95 due
D8-12648

HOTTEST RAM LEASE DEAL FOR JULY!

2018 RAM 1500 SLT QUAD CAB 4X4
HEMI ENGINE
Heated Seats & Wheel
Big Horn
LEASE FOR \$98** 24 Mos. \$195 due
D8-13796

2018 RAM 1500 CREW CAB 4X4
D8-13394
3.6L Pentastar
LEASE FOR \$99** 24 Mos. \$195 due
SIGN & DRIVE
There Is a Reason Why We Are #1 Ram Dealer!
#1 RAM DEALER 2013 | 2014 2015 | 2016 | 2017 | 2017 | 2018
\$3000 HUVAERE BONUS CASH
RECEIVE A FREE GAS CARD WITH TEST DRIVE ON 2019 RAM
HURRY! 2018 RAM 1500 CREW/QUAD CAB INVENTORY IS GOING FAST! DON'T WAIT!

2018 RAM 1500 CREW CAB 4X4
D8-13456
Express Hemi
LEASE FOR \$98** 24 Mos. \$195 due
#1 RAM DEALER 2013 | 2014 2015 | 2016 | 2017 | 2017 | 2018
\$3000 HUVAERE BONUS CASH
#1 Ram Dealer in Michigan!
Hemi Hitch Popular Equip.

CHRYSLER

JULY PACIFICA SPECIALS

2018 CHRYSLER PACIFICA TOURING L PLUS

8.4" Radio With Navigation
\$2000 Huvaere Bonus Cash
294 PACIFICAS AVAILABLE
2018 LEASE FOR \$149** 24 Mos. \$1995 due
C8-41517

2018 CHRYSLER PACIFICA LIMITED

Premium Leather
\$2000 Huvaere Bonus Cash
GREAT LEASE SPECIAL
2018 LEASE FOR \$115** 24 Mos. \$1995 due
294 PACIFICAS AVAILABLE
C8-41480

2018 CHRYSLER PACIFICA TOURING L

Perforated Leather Seats
\$2000 Huvaere Bonus Cash
294 PACIFICAS AVAILABLE
2018 LEASE FOR \$129** 24 Mos. \$1995 due
C8-41280

Jeep

2018 JEEP COMPASS 4X4

600 AVAILABLE!
Latitude J8-11746 LEASE FOR **\$69**** 24 Mos. \$295 due
Limited J8-12189 LEASE FOR **\$74**** 24 Mos. \$595 due
Trailhawk J8-11372 LEASE FOR **\$79**** 24 Mos. \$1745 due

2018 JEEP GRAND CHEROKEE LAREDO 4X4

GREAT LEASE SPECIAL!
LEASE FOR \$79** 24 Mos. \$695 due
J8-20422

2018 JEEP GRAND CHEROKEE ALTITUDE EDITION
LEASE FOR \$129** 24 Mos. \$1995 due
J8-20501

2018 JEEP GRAND CHEROKEE LIMITED 4X4

GREAT INVENTORY!
LEASE FOR \$128** 24 Mos. \$1995 due
J8-20504

2019 JEEP CHEROKEE TRAILHAWK 4X4

LEASE FOR \$79** 24 Mos. \$1795 due
J9-70181

ALL NEW 2018 JEEP WRANGLER UNLIMITED 4X4

LEASE FOR \$159** 36 Mos. \$1095 due
J8-31128

ALL NEW 2018 JEEP WRANGLER UNLIMITED 4X4

LEASE FOR \$172** 36 Mos. \$1095 due
J8-31143

DODGE

JULY/LEASE SPECIAL!

2018 Dodge Charger GT AWD

All Wheel Drive
LEASE FOR \$84** 24 Mos. \$1195 due
D8-71295

NEW INCENTIVES ANNOUNCED!

2017 DODGE CHARGER R/T 392
BUY FOR \$498** 84 Mos. \$2000 down
D7-71020

2017 DODGE CHALLENGER GT AWD

FANTASTIC BUY SPECIALS!
BUY FOR \$379** 84 Mos. \$2000 down
D7-50079

2018 DODGE JOURNEY GT AWD

LEASE FOR \$91** 24 Mos. \$95 down
D8-00229

2018 DODGE CHALLENGER R/T

INCREDIBLE DODGE LEASE SPECIALS!
LEASE FOR \$95** 24 Mos. \$995 due
D8-50028

2017 GRAND CARAVAN SXT

Blacktop Package Driver Convenience Group
BUY FOR \$329** 84 Mos. \$2000 down
D7-40947

2018 DODGE DURANGO SXT AWD

LEASE FOR \$146** 24 Mos. \$1995 due
D8-30081

2018 DODGE DURANGO GT AWD

LEASE FOR \$182** 24 Mos. \$1995 due
D8-30110

DICK HUVAERE'S
RICHMOND, MI

CHRYSLER DODGE//SRT Jeep RAM

67567 S. Main St. Richmond

Picture may not reflect actual vehicle. * The FCA US LLC (formerly Chrysler Group) Employee Advantage Purchase program sale prices and lease payments quoted. Just add tax, title, doc fee and destination charge. ** 24, 27, 30, 36 month FCA US LLC employee leases. The amount due on all leases require amount due plus monthly tax, cap cost reduction tax, first payment, title, plate, doc fee and destination charge. Security deposit is waived on all lease payments. Lease payments are 10,000 miles per year. 20 cents per mile thru Chrysler Capital for excess mileage. Customer must qualify for 1 or 3 tier credit approval. Payments subject to change due to lower approved credit tier. Banks may require to prove income and residency for credit approval. Customer is responsible for excess wear and tear. Total deferred price is the sum of the purchase price, plus doc fee, plate fee, sales tax, and secured finance charges over the term of the loan. All rebates and program money assigned back to dealer. All prices and lease payments are based off FCA US LLC incentives thru the Great Lakes Business Center. Rebates as retail consumer cash, lease cash, lease loyalty, military, trade assist cash, finance bonus cash and all other Great Lakes offers will be applied. The dealer invoice amount is not a net factory price to dealer. Customers may not qualify for all offers, incentives, discounts or financing offers. See dealer for qualifications and complete details. Exclusive Hargrove new car cash coupon has been applied to all sale and lease payments in this ad. Vehicle sale prices include Chrysler Capital bonus cash-must finance thru Chrysler Capital. Ram leases include Great Lakes Truck Conquest Bonus cash. *Sale prices include lessee loyalty retail bonus cash, customer must qualify. 1.84 month buy, 2.99% APR with approved credit. Ram payments include Ram to Ram Loyalty Rebate.

855-570-2373

Online at: DriveEnvy.com

SALE HOURS:
Monday and Thursday 8:30-9:00
Tues., Wed. and Fri. 8:30-6:00
Saturday 9:00-4:00

the Summer of
Jeep

SUMMER CLEARANCE EVENT

N O W S H O W I N G

How To Maximize Your Retirement Readiness



Learn How To Get The Most From Your Retirement Savings



Visit KaydanWealthPresents.com to download your Retirement Kit today!

KAYDAN
WEALTH MANAGEMENT

329 W. Silver Lake Road, Fenton MI 48430 | 810-593-1624 | KaydanWealthManagement.com
Kaydan Wealth Management, Inc. is not a registered broker/dealer, and is independent of Raymond James Financial Services. Securities are offered through Raymond James Financial Services, Inc. Member FINRA/SIPC. Investment Advisory Services are offered through Raymond James Financial Services Advisors, Inc. and Kaydan Wealth Management, Inc.

U.S. Appeals Court Says Yes to VW Settlement

SAN FRANCISCO (AP) – A U.S. appeals court on July 9 approved a \$10 billion settlement between Volkswagen and car owners caught up in the company's emissions cheating scandal.

The deal delivered "tangible, substantial benefits" and the federal judge who approved it did more than enough to ensure it was fair, a three-judge panel of the 9th U.S. Circuit Court of Appeals ruled unanimously.

The German automaker agreed to spend up to \$10 billion compensating owners of roughly 475,000 Volkswagens and Audi vehicles with 2-liter diesel engines – the bulk of the vehicles caught up in the scandal.

Volkswagen acknowledged that the cars were programmed to cheat on emissions tests. Under the terms of the deal, the automaker agreed to either buy back the cars or fix them and to pay each owner thousands of dollars in additional compensation.

U.S. District Judge Charles Breyer in San Francisco approved that deal in 2016 as part of a \$15 billion settlement that also included \$2.7 billion for unspecified environmental mitigation and an additional \$2 billion to promote zero-emissions vehicles. The 9th Circuit ruling on July 9 considered several objections, including returning to Volkswagen any of the \$10 billion that is not paid out.

About 90 percent of affected vehicles have already been removed from the road or modified, Elizabeth Cabraser, lead attorney for Volkswagen owners and leaseholders, said in a statement July 9.

"We are pleased with the court's decision, which acknowl-

edges the widespread support this historic settlement has received from affected Volkswagen owners and lessees and the substantial benefits available to class members," she said.

Volkswagen has acknowledged that more than 550,000 vehicles in the U.S. were programmed to turn on emissions controls during government lab tests and turn them off while on the road. Investigators found that the cars emitted more than 40 times the legal limit of nitrogen oxide, which can cause respiratory problems.

BMW Will Stick With Plans for South Carolina

SPARTANBURG, S.C. (AP) – BMW says it is sticking with plans to add 1,000 workers in South Carolina, even though the company will start production of a new vehicle in China.

BMW and Chinese partner Brilliance Automotive Group Holdings said July 9 a joint venture called BMW Brilliance Automotive will increase the number of vehicles made annually in China to 520,000 next year.

BMW spokesman Ken Sparks told the *Herald-Journal* of Spartanburg the company's new electric iX3 SUV will be produced only in China. He says it won't affect Spartanburg production.

Sparks also said BMW has not changed plans to expand in Spartanburg and start production of the new X7 model later this year. The company plans to add 1,000 jobs by 2021. BMW says the hiring would bring Spartanburg employment to about 11,000 jobs.



Fremont Insurance

Michigan Exclusive Since 1876

INSURANCE SHOPPERS AGENCY

Phone: 810.388.9200 | Fax: 810.400.6100

Email: knewsome@marysvilleisa.com



Kristin Newsome,
Agent.

**INSURANCE
MADE EASY!**

Receive a
FREE
\$10 Gift Card

... Just For Letting Us Quote
Your Home & Auto Insurance

We have Discounts for:
Engineering, Accounting,
Medical/Dental Employees

Automotive Sedan Market Not Quite Dead Just Yet

The ever-shrinking sedan segment might just have some life left in it after all. At least that's what analysts at Autolist have concluded.

Consumer interest in sedans could rebound in the wake of rising interest rates by the Federal Reserve, according to a recent study by Autolist. The study found that the upward trend in gas prices could also boost sedan sales, echoing a similar trend that was seen during the 2008 recession, said Autolist spokesman Chase Disher.

Sedans could use all the help they can get, Disher said. Sales have steadily declined in recent years, as crossovers, SUVs and trucks have surged in popularity. Thanks to a combination of light trucks' improving fuel economy and a greater number of models available – plus cheap gas and easy borrowing – sedan sales have dropped in the U.S. every year since 2014.

This has led brands like Ford, General Motors (including its Cadillac division) and FCA to announce plans to cut their sedan offerings significantly in the near future, as they bolster their light truck offerings with new models and expand the reach of existing nameplates.

But that trend toward light trucks could hit a roadblock in the form of higher financing costs, Disher said.

In June, the Fed raised its benchmark interest rate, a move widely expected to push interest rates higher on auto loans, mortgages and credit card debt. The Fed also indicated it could raise rates two more times in 2018, Disher said. Such a move could have a direct impact on the type of vehicles consumers prefer, according to Autolist's data.

About 45 percent of consumers said they would be more likely to choose a sedan over an SUV or crossover if financing costs rose, Autolist analysts discovered. And 25 percent said they would still buy the type of light truck they're considering, 16 percent said they wouldn't buy either a sedan or a light truck and 14 percent said they would still buy a light truck but would opt for one smaller than what they're currently considering.

Meanwhile, the steady climb in gas prices over the past year could also prop up the sedan market, Disher said. Currently, the U.S. average for a gallon of gas is \$2.91, according to AAA, a 30 percent increase from this time last year. In California – the nation's largest auto market – an average gallon of gas costs \$3.72.

The last time sedans enjoyed a resurgence was in 2008, thanks to the global financial crisis and

a jump in gas prices, Disher said. Autolist's survey found that history could repeat itself.

About 49 percent of respondents said that they would choose a sedan, rather than an SUV, if gas topped \$4 a gallon. Another 23 percent said they would still buy the light truck they're considering, 14 percent said they would still buy a light truck – but one smaller than what they're currently considering and 13 percent said they wouldn't buy a sedan or a light truck.

Despite the positive impact that gas prices and interest rates could have on sedan sales, Autolist's survey also found that the number one reason current sedan owners choose that vehicle type was cost, over size, practicality, fuel efficiency, safety, style and fun-to-drive factor, Disher said.

This is a bad sign for the sedan market, because the price delta between sedans and the light truck market is shrinking as SUVs and CUVs become available at more price points. The more the price difference shrinks, the less sedans can rely on their key element of appeal.

Autolist polled 1,192 current car shoppers in late May to gauge the health of the sedan market.

OEM Supplier Piston Auto Gets New GM

Effective July 20, Bob Holloway has been named General Manager at Piston Automotive, a Piston Group company.

Holloway, who replaces Steve Hayworth, will be responsible for all business operations at Piston Automotive. He most recently was vice president, Marketing & Sales and Program Management at Piston Automotive. He will report to Piston Group Chief Operating and Financial Officer Amit Singhi. Hayworth will remain at Piston Automotive until July 20, 2018, to complete the transition.

"Bob has progressed well within Piston Automotive and is now ready to lead the organization to the next level," said Piston Group Chairman and CEO Vinnie Johnson. "We would like to thank Steve Hayworth for his contributions over the last few years, and executing the plan we laid out for him to develop a successor for the organization."

"Bob is a great leader and a consummate professional," Singhi said. "He can rally the troops and will help drive continued growth and operational improvements at Piston Automotive."



Van Dyke Across From GM Tech Center



LUXURY HAS A NEW HOME PRESTIGE CADILLAC GM Employees and Eligible Family Members Enjoy These Exceptional Lease Offers



2018 ATS LUXURY COLLECTION
AWD • STK# 172022
ULTRA-LOW MILEAGE LEASE FOR WELL QUALIFIED
CURRENT GM OWNERS/LESSEES
\$279 / 27 / ZERO
PER MONTH MONTHS DOWN
Tax, title, and license extra. No security deposit required. Mileage charge of \$.25 per mile over 22,500 miles.



2018 XT5 LUXURY COLLECTION
FWD • STK# 136392
ULTRA-LOW MILEAGE LEASE FOR WELL QUALIFIED
CURRENT GM OWNERS/LESSEES
\$351 / 39 / ZERO
PER MONTH MONTHS DOWN
Tax, title, and license extra. No security deposit required. Mileage charge of \$.25 per mile over 32,500 miles.



2018 ESCALADE LUXURY COLLECTION
AWD • STK# 245459
ULTRA-LOW MILEAGE LEASE FOR WELL QUALIFIED
CURRENT GM OWNERS/LESSEES
\$777 / 36 / ZERO
PER MONTH MONTHS DOWN
Tax, title, and license extra. No security deposit required. Mileage charge of \$.25 per mile over 30,000 miles.

Payments based on top tier credit approval through GM Financial. ATS MSRP \$38,715. XT5 MSRP \$47,945 and qualifies for Select Model Cap Cost Reduction rebate of \$2000. Escalade MSRP \$84,915. Mileage charge of \$.25 for anything over the miles allowed. Additional costs due at signing include typical startup costs of taxes, license, registration, electronic filing fee, first month's payment, acquisition and dealer fees. Must take delivery out of dealer stock by 7/31/18. Lessee pays for excess wear, over mileage and disposition fee of \$595 at end of lease. Must have Cadillac Lease Loyalty rebate (must currently lease a Buick, Cadillac, Chevrolet or GMC through Ally, GM Financial or US Bank). Loyalty offer is transferable to members of the same household, not required to terminate lease. Residency restrictions apply. All quotes using GMS pricing, others slightly higher. See dealer for details. ©2018 General Motors. Cadillac® ATS® XT5® ESCALADE®



LOCATION
29900 VanDyke Ave.
Warren, MI
48093

SALES - 888.548.8939
Mon & Thur 8:30am-8pm
Tues, Wed & Fri 8:30am-6pm
Sat 10am-4pm

SERVICE
888.548.8939
Mon - Fri 7:30am-6pm
Sat 8am-3pm

**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

Federal-Mogul Grants Students Scholarships

Continuing its commitment to technician education in the automotive service industry, Federal-Mogul Motorparts has chosen the recipients of 12 \$2,500 tuition scholarships on behalf of its Garage Gurus technical education network, presented to students enrolled in accredited post-secondary automotive technology schools.

This is the fourth consecutive year for this program, and during this time, the company has handed out \$120,000 in tuition support to future automotive service professionals.

“The main goal of the Garage Gurus scholarship program has remained the same since its introduction – to encourage and support the next generation of automotive and truck repair service professionals as they pursue their careers,” said Brent Berman, director, training and consumer experience, Federal-Mogul Motorparts.

“These scholarships often serve as motivation to these men and women to fully engage in their training to become knowledgeable and active technicians in the future.”

Students who will receive Garage Gurus scholarships for the 2018-2019 academic year are: John Hartman, Lima, Ohio; Jessica Jahuey, Sugar Hill, Ga.; Holly Pierre, Planfield, Ill.; Madison Lusche, Columbus, Neb.; Jaivon Bennett, Waldorf, Md.; Miguel (Mike) Perez, Rifle, Colo.; Emily Koch, Warren, Mich.; Joseph Waldeyer, Manasquan, N.J.; Kimberly Rains, Horse Shoe, N.C.; Mary Griswold, Eau Claire, Wis.; Kyle Sadler, Mont Belvieu, Texas; Stetson Wolfe, New Castle, Pa.

FCA Employees Clean Up by Planting Garden

When rival automakers come together, it's usually to brag about their latest engineering accomplishment or to re-imagine the future of mobility, but sometimes they garden.

Yes, garden, wrote Kaileen Connelly, manager of Corporate Communications at FCA on the company's Web site.

“As part of the Suppliers Partnership for the Environment quarterly meeting, environmental reps from Daimler, Ford, General Motors, Honda, Toyota and various auto suppliers got their hands dirty to help FCA US replenish a pollinator garden on our North American headquarters campus in Auburn Hills,” Connelly wrote.

Pollinators, such as bees, birds, and butterflies, play an important role in maintaining the health of the ecosystem and supporting agriculture by planting pollen grains, which in turn result in fruit and seed, but are declining in stark numbers, Connelly wrote.

The U.S. Department of Agriculture notes that pollinators are responsible for assisting over 80 percent of the world's flowering plants.

“Our ‘Wildlife at Work’ team has taken note and is taking action,” said Mark Werthman, Environmental, Health and Safety lead at FCA US. “From bat and bee houses to butterfly waystations, we know these simple projects play a vital role in biodiversity conservation.”

“On June 2, we planted our fourth pollinator garden with the help of Avondale High School students from Auburn Hills. Together with FCA employees and family members, the students planted 80 native species to Michigan, including the showy goldenrod, purple coneflower,



Werthman helps FCA volunteers refresh gardens at the company's HQ.

and gray-headed coneflower, in hopes of attracting bees and butterflies. Forty dogwood trees will be planted in July.

“Our commitment goes beyond our headquarters. Through our membership with the Wildlife Habitat Council (WHC), we are now tracking and promoting healthy biodiversity at 12 facilities across North America.”

The following locations currently have pollinator projects in motion:

- Monarch butterfly waystation at Toledo Assembly Complex in Toledo, Ohio
- Urban honeybee hives at Mack Avenue Engine Plant in Detroit.
- Pollinator garden at Warren Stamping Plant in Warren.

- Pollinator garden at Sterling Heights Stamping Plant.
- The FCA US headquarters received a WHC Conservation Certification in April 2015.

“We thank our partners, our competitors, and our community for their support and engagement as we build pollinator populations,” said Werthman.

Brexit Actions Affect Brit Auto Industry

by JILL LAWLESS
Associated Press

LONDON (AP) – Britain passed a Brexit hurdle as its flagship European Union Withdrawal Bill became law June 26. But the government faced a new warning from business that uncertainty about the U.K.'s departure from the EU was putting investment and jobs at risk.

Pro-Brexit lawmakers in the House of Commons cheered as Speaker John Bercow announced that the European Union Withdrawal Bill had received royal assent. The bill was passed by Parliament last week and officially became law with the granting of assent by Queen Elizabeth II – a technicality, since no monarch has refused to sign a bill since 1707.

Prime Minister Theresa May said it was a historic moment for Great Britain and a significant step toward delivering on the will of the British people.

The bill, which will translate thousands of pieces of EU law into British statute, faced a rocky journey through Parliament. Pro-EU lawmakers and members of the House of Lords tried to amend it to soften the terms of Britain's departure.

Most of the changes were overturned by narrow Commons votes. But pro-EU lawmakers say they will try to defeat the government on other EU-related legislation if it tries to push for a “hard Brexit” that severs close economic ties between Britain and the bloc.

With nine months to go until Britain leaves the EU on March 29, 2019, businesses say uncertainty about the divorce terms is starting to hurt the economy.

On June 26, the Society of Motor Manufacturers and Traders said investment in auto production fell by almost half in the last year. It was 347 million pounds (\$460 million) in the first half of 2018, down from 647 million pounds during the same period a year earlier.

Chief Executive Mike Hawes said the British government's insistence that the U.K. will leave the EU's tariff-free single market and customs union “goes directly against the interests of the U.K.

automotive sector, which has thrived on single market and customs union membership. Our message to government is that until it can demonstrate exactly how a new model for customs and trade with the EU can replicate the benefits we currently enjoy, don't change it.”

The industry statement follows warnings from manufacturers Airbus, Siemens and BMW that leaving the EU without a comprehensive free trade deal would hurt British businesses and cost thousands of jobs.

Uncertainty is already having an impact. A survey by law firm Baker McKenzie has found that almost half of EU businesses have cut back on their investment in Britain since the 2016 vote to leave the bloc.

The survey found that Euro-

pean businesses widely support a post-Brexit deal that keeps trade relations as close as possible to the existing conditions

Many U.K.-based businesses want the same thing, but the British government is split between Brexit-backing ministers who want a clean break so that Britain can strike new trade deals around the world, and those who want to keep closely aligned to the bloc, Britain's biggest trading partner.

May is caught between the two factions. She says Britain will leave the EU single market and customs union while seeking “as frictionless as possible” trade with the bloc. A paper setting out the U.K. government position on future relations was been delayed until July because the Cabinet cannot agree on a united stance.

Group Seeks Explorer Recall

DETROIT (AP) – A nonprofit auto safety advocacy group is asking Ford to recall 1.35 million Explorer SUVs due to continued complaints of exhaust fumes in the passenger compartments.

The Center for Auto Safety says it found 44 complaints in a government database about fumes and potential carbon monoxide after owners had taken Explorers in for free repairs in a Ford customer service campaign that started last October.

The center made its request in a letter to Ford CEO Jim Hackett in the first week of July.

The National Highway Traffic Safety Administration has been investigating the problem for two years in police and civilian Explorers from the 2011 through 2017 model years, but it has not reached a conclusion.

Ford says Explorers are safe, owner complaints have decreased and the free service has addressed the exhaust odors. The company says anyone who isn't satisfied with the repairs should contact their dealership “for further inspection.”

In the service, Ford said mechanics would check for leaks in the rear lift gate gaskets and drain valves. If any leaks are found, they'll be sealed or gaskets will be replaced to prevent

fumes from entering. They'll also reprogram the air conditioning to let in more fresh air.

“The continued complaints and corresponding reports of incidents and injuries demonstrate the problem of carbon monoxide exposure inside Ford Explorers has not been resolved,” Jason Levine, the center's executive director, said in a statement. Based on complaints, Levine said the problem seems to have continued into model year 2018 Explorers “suggesting that the issue apparently has not been designed out of the vehicle.”

Levine said he thinks NHTSA would look into the effectiveness of a recall if 44 owners complained that the remedy did not work. The center also said Ford and NHTSA should do a recall “before tragedy strikes” from a driver or passenger being overcome by fumes.

Prior to October of last year, Ford had focused on fixing only law enforcement versions of the Explorer. But while maintaining the civilian versions were safe, Ford said it decided to do a service campaign for them in response to customer concerns about odors and carbon monoxide.

NHTSA began its investigation of Explorers in July of 2016.



Join us as we feed and give hope to those who need it most.

Donations to Grace Centers of Hope can be made at our website or call us at the number provided below.

Phone: 248-334-2187

Website: www.gracecentersofhope.org



Find us on Facebook, Twitter, and Vimeo



'Coolest Cars' Come from Detroit

CONTINUED FROM PAGE 1

"Each one of them is cool," he said.

Driving Today editors also had nice things to say about Chevy Volt, which came in number 10 on their list.

They wrote, "The Chevrolet Volt might have saved General Motors from the wrecking ball when all hell broke loose in the economy in 2008.

"Surviving bankruptcy, the Volt never became the dominant seller some thought it would be, but it continues to feel like a vehicle that is advancing the pace of auto technology.

"It is a good-looking, five-passenger plug-in that offers almost 50 miles of electric range before its on-board 149-horsepower internal combustion engine kicks in to recharge the battery pack.

"Depending on your duty cycle, your trips to gas stations could be very rare.

"Inside, the Volt is filled with consumer-friendly touches. The base model, priced right around \$35K, includes LED exterior lighting, remote entry and start and an eight-inch touchscreen-operated info center. OnStar and mobile Wi-Fi hotspot functionality are also included."

The Ford Mustang came in as number seven on their list. Editors wrote the "Ford Mustang invented the pony car segment, and it has rolled with the punches of high fuel prices, emissions controls and changing consumer tastes for 50 years now.

"The current Mustang is a reflection of today's realities. It is

offered in a full-on, high-horsepower V8-powered version or a more modern turbocharged four-cylinder edition that delivers surprising all-around performance and handling.

"No, the four-cylinder won't provide the forceful acceleration of the 460-horsepower V8, but its 310-horsepower and significant (350 lb.-ft.) peak torque results in a very satisfying vehicle.

"Part of the good news is the Mustang's chassis has transitioned from buckboard-rudimentary to very sophisticated, so the well-balanced blown four-cylinder car is a blast to drive. Plus, with the intelligent update of iconic Mustang styling, it is a blast to be seen in, too."

The Chevy Camaro was number five on their list. Editors wrote that "back in the day, a Camaro or a Mustang with a six-cylinder engine was thought as a 'poser' car. Though it looked cool, it had no real performance to back it up. These days, though, six-cylinder and even four-cylinder-powered Camaros and Mustangs can deliver serious driving involvement.

"Take, for example, the six-cylinder version of the Camaro here on our list.

"This car is no poser. It offers 335 horsepower from its all-aluminum 3.6-liter dual overhead cam V6.

"The result is a vehicle that looks terrific and, at the same time, is a well-balanced, sharp-handling road car.

"Equipped with alloy wheels, limited-slip differential, remote entry and start, power seating,

seven-inch touchscreen with parking camera, six-speaker audio, Bluetooth and Wi-Fi hotspot, the Camaro is exceptionally well-equipped. Now more than ever, it's designed for just two occupants, but that's cool, too."

Hyundai Warns Tariffs Might Hurt U.S.

SEOUL, South Korea (AP) — Hyundai Motor Co.'s labor union said last week that steep auto tariffs the U.S. is considering could cost tens of thousands of American jobs.

The labor union at South Korea's largest auto company said in a statement that if President Donald Trump goes ahead with imposing 25 percent auto tariffs, it will hurt Hyundai's U.S. sales and jeopardize some 20,000 jobs at a Hyundai factory in Alabama.

The labor union, which has 51,000 members in South Korea, said its contracts with Hyundai Motor mandates Hyundai to shut down overseas factories first before closing its plants in South Korea in the event that restructuring becomes inevitable.

"If South Korean car exports to the U.S. get blocked and hurt sales, the U.S. factory in Alabama that went into operation in May 2005 could be the first one to be shut down, putting some 20,000 American workers at risk of layoffs," the statement said.

The union said that South Korean carmakers were already penalized during the renegotiations of the bilateral trade agreement. Seoul and Washington agreed to postpone the removal of tariffs on Korean pickup trucks by another 20 years.

China Getting Tesla Facility

BEIJING (AP) — Electric car producer Tesla will build its first factory outside the United States in Shanghai under an agreement signed July 10, becoming the first wholly foreign-owned automaker in China.

Tesla Inc.'s announcement comes amid mounting U.S.-Chinese tension over technology and follows Beijing's April promise to end restrictions that required foreign automakers to work through local partners.

Tesla said construction would begin in the near future, once official permits are obtained. It said production would begin two to three years after that and eventually increase to 500,000 vehicles annually.

No financial details were announced. A city government statement said the factory would be the biggest foreign investment to date in Shanghai, a base for joint ventures between General Motors Co. and Volkswagen AG and a state-owned automaker.

The signing ceremony was attended by Tesla chairman Elon Musk, Mayor Ying Yong and other Chinese officials, according to the city government.

China is the world's biggest electric vehicle market but Tesla and other producers including GM and Nissan Motor Co. had been reluctant to transfer manufacturing to this country due to the requirement to share technology with Chinese partners that might become rivals.

Tesla began selling cars in China in 2014, shipping them from its California factory, which added a 15 percent import duty to the price. Despite that, China quickly became its No. 2 market after the United States.

"Tesla is deeply committed to the Chinese market," the company said in a statement.

Tesla is among companies hit by additional 25 percent import duties imposed by Beijing in retaliation for a tariff hike by U.S. President Trump in a dispute over technology policy.

Automakers are pouring bil-

ions of dollars into developing electric car models for China.

GM, Ford Motor Co., VW, Nissan and other competitors have announced ventures with local automakers to develop models for China's lower-income market.

Sales of pure-electric passenger vehicles in China rose 82 percent last year to 468,000, according to an industry group, the China Association of Automobile Manufacturers. That was more than double the U.S. level of just under 200,000.

Beijing is using access to its market as leverage to induce global automakers to help Chinese brands develop battery and other technology.

Auto brands in China are required to make electric vehicles at least 10 percent of their sales starting next year or buy credits from competitors that exceed their quotas. Later, they face pressure to raise those sales in order to satisfy fuel efficiency requirements that increase annually.

Also on July 10, Germany's BMW AG announced a partnership with China's biggest SUV maker, Great Wall Motor, to produce electric versions of its MINI cars. Tesla said it also would set up a research and development facility in Shanghai.

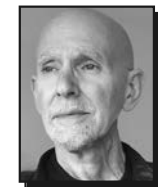
The company said the China factory would not affect production in the United States, which is forecast to increase.

Tesla announced last year it was talking to the Shanghai city government about possibly building a factory.

The plan went ahead after Beijing said in April it would end limits on foreign ownership of electric vehicle producers this year.

Industry analysts suggested the ruling Communist Party believes its own producers such as BYD Auto are close to being able to compete with global brands in performance and price. Ownership restrictions on other parts of the auto industry are to end by 2022, the government said.

JULY IS HERE PLEASE CALL FOR SOME FABULOUS SUMMER LEASES & PURCHASES



Please call with the vehicle you desire and you will be delighted with the payment.

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

1-888-665-5438

Joe Lunghamer

CHEVY **Drive Beautiful** **BUICK** **GMC**

#44296 #42333 #21552

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

Thank You for Making Buff Whelan #1 in the Country for 2017

OVER 1,000 New Chevrolets in Stock!



CALL JEFF CAUL 586-274-0396



2018 CHEVY SILVERADO 4X4
\$198+ TAX WITH \$0 DOWN
ALL-STAR PKG • DBL CAB
24 MTH LEASE 10,000 MILES

NO SECURITY DEPOSIT REQUIRED
Equipped with Power Locks, Power Windows, Power Mirrors, Keyless Entry, Remote Start, My Link Radio, Back-Up Camera, Auto A/C, Bluetooth & More...

2018 TRAX LS

\$168+ TAX WITH \$0 DOWN
24 MTH LEASE 10,000 MILES

NO SECURITY DEPOSIT REQUIRED
Equipped with Power Locks, Power Windows, Power Mirrors, Keyless Entry, Back-Up Camera & More...



2018 CHEVY EQUINOX 1LT

\$198+ TAX WITH \$0 DOWN
24 MTH LEASE 10,000 MILES

NO SECURITY DEPOSIT REQUIRED
Equipped with 1.5L Turbo Engine, 7" touch screen radio, Onstar, Bluetooth, Keyless Entry Back Up Camera, Alum. Wheels, Deep Tinted Glass & More...

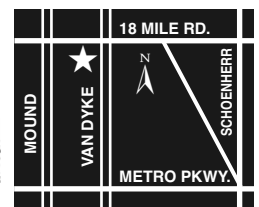


Free shuttle service to home, office or shopping.
buff whelan chevrolet
WHERE THE DEALS MAKE THE DIFFERENCE, EVERY DAY SINCE 1970!
Van Dyke • South of 18 Mile • Sterling Heights



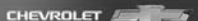
Jeff Caul 586-274-0396

CHEVY PEP QUOTES BY PHONE OR EMAIL: JEFF CAUL AT JCAUL@BUFFWHELAN.COM



CONVENIENT HOURS: MON. & THURS. 8:30AM-9PM / TUES., WED. & FRI. 8:30AM-6:30PM / FIND NEW ROADS

*See dealer for details. All Rebates/Incentives have been deducted from sale price/payment and are subject to change by manufacturer without notice. GM Employee discount required on all leases. All the leases assume that you qualify for GM Lease Loyalty. To qualify for GM Lease Loyalty you must have a GM Lease in the household. All lease payments are based on 10,000 miles per year. 1st payment, tax, title and plate fee due at signing on all leases unless otherwise noted. All deals expire 07/31/2018.



FCA's Latest Police Pursuit Vehicle is a Dodge Durango

Today's police car isn't always a car. Just look at the new Durango Pursuit vehicle.

Dodge took its new Durango Pursuit to New Orleans, introducing the new 2019 model at the 2018 National Sheriffs' Association Show June 15-19, said FCA spokeswoman Kristen Starnes.

"Dodge already leads the police pursuit sedan business with the proven Charger Pursuit, and we believe the 2019 Dodge Durango Pursuit SUV will expand our appeal to an even broader audience and take our game to the next level in terms of performance," said Steve Beahm, head of Passenger Car Brands – Dodge//SRT, Chrysler, and Fiat, FCA - North America.

"The Durango gives law enforcement agencies even more of what they want: a more spacious interior room, a higher ride height, Hemi V8 performance and efficiency."

New for 2019, the Dodge Durango Pursuit features a new front fascia with integrated brake-cooling air ducts for improved brake performance and durability. Durango Pursuit also now features a performance-tuned, load-leveling suspension to bolster control and stability, enhancing its Pursuit-level driving capabilities, Starnes said.

The 2019 Dodge Durango Pursuit offers the standard 3.6-liter Pentastar V6 engine rated at 293 horsepower and 260 lb.-ft. of torque or the available 5.7L Hemi V8 rated at a best-in-class 360 horsepower and 390 lb.-ft. of torque.

All Durango Pursuit models are equipped with an eight-speed automatic transmission and all-wheel drive (AWD). Dodge Durango Pursuit V8 models include the segment's most technologically advanced AWD system with a



2019 Dodge Durango Pursuit

segment-exclusive active transfer case to improve real-world fuel economy while also enhancing the vehicle's traction and handling.

The 5.7-liter Hemi V8 is the same powertrain combination most commonly deployed in the Dodge Charger Pursuit, the top-selling police sedan in the U.S.

market, Starnes said. The Durango Pursuit also offers a two-speed transfer case for true low-range off-road capability and incorporates larger, heavy-duty anti-lock brakes that deliver a 60-0 mph stopping distance of 134 feet.

Additional highlights for 2019 include a performance-tuned suspension, load-leveling NIVOMAT shocks, 13.8-inch front and 13-inch rear pursuit-rated brake package, front- and rear-stabilizer bars and 18-inch tires on aluminum wheels.

Other highlights include ParkView rear backup camera with ParkSense, spot lamp wiring prep package, red/white auxiliary dome lamp, 220-amp alternator, 800 cold cranking amp (CCA) battery (with V8 engine only), heavy-duty oil cooler and water pump, power locking fuel filler door, 8-way power adjusting driv-

er seat controls, certified speedometer and class-exclusive K-9-friendly Tri-Zone interior control.

2019 Dodge Durango Pursuit models earned an EPA-estimated 25 miles per gallon (mpg) highway with the 3.6-liter Pentastar V6 and 22 mpg highway with the 5.7-liter Hemi V8 engine.

Durango Pursuit V8 can tow a best-in-class 7,200 lbs. and offers standard trailer sway control. Durango Pursuit features the segment's longest wheelbase at 120 inches for added stability and handling.

A spare tire is mounted under the vehicle, maximizing interior cargo space and accessibility, while offering 8.1 inches of ground clearance for added off-road capability, Starnes said.

The Durango Pursuit V8 has a starting MSRP of \$29,995, excluding destination.

Nissan Admits to Fixing Emissions Tests in its Factories

by YURI KAGEYAMA
AP Business Writer

TOKYO (AP) – Nissan Motor Co. said July 9 in a statment to the public that it altered the results of exhaust emissions and fuel economy tests of new vehicles sold in Japan, in the latest instance of misconduct to surface at the Japanese automaker.

Nissan acknowledged in September that it had been carrying out illegal post-production tests at its plants, allowing those who weren't qualified to routinely conduct the tests.

The new misconduct surfaced while Nissan was checking on its operations recently. Nissan said it found the findings "regretful," as it was trying to correct itself,

and it promised to continue to investigate.

Nissan, which makes the Leaf electric car, March subcompact and Infiniti luxury models, said the safety and fuel economy of all the vehicles still were within required limits.

The erroneous testing does not affect exports.

In the earlier scandal, workers in training had been borrowing and using the "hanko," or stamps that are often used in Japan for signatures, of certified personnel.

Because of the problems, Nissan has had to recall more than a million of its vehicles for re-inspection.

Such practices had been routine for decades, beginning as early as 1979, according to Nissan.

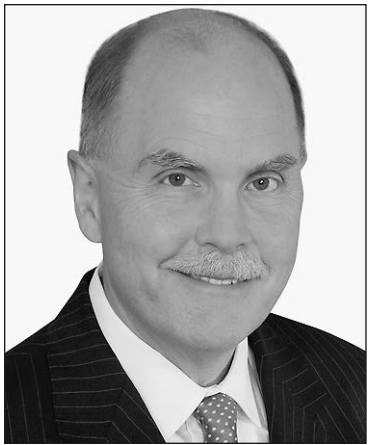
Plant workers were aware the procedure was illegal and covered it up when government inspectors visited the plants to check on manufacturing procedures.

Executives have taken pay cuts. The problems did not result in quality problems because they were the final step before vehicles were shipped out, according to Nissan.

Japan's corporate world has been hit by embarrassing scandals in recent decades that raise serious questions about company ethics.

Kobe Steel also acknowledged massive fake inspections, which had spanned years and affected products sent to hundreds of companies, including aluminum castings and copper tubing for autos, aircraft, appliances and trains.

Japanese scandals are often characterized by employees covering up for dubious performances and relationships to "save face," sometimes out of loyalty to the company, rather than illegal enrichment for personal gain as is more common in some other countries.



Frederick Henderson



R. Bruce McDonald

New Adient Board Member

Frederick A. "Fritz" Henderson has been appointed interim chief executive officer to Adient, a global manufacturer in automotive seating. John M. Barth, Adient's current lead director, has been appointed interim chairman of Adient's board.

The appointments were made official on June 11.

Henderson was most recently chief executive officer of SunCoke and, prior to that, served as president and chief executive officer of General Motors, said Adient spokeswoman Mary Kay Doder. He has 26 years of automotive experience including direct involvement in China and Asia Pacific and 20 years of general management and operating experience, eight of which were as a CEO.

He has served on the Adient board since the company was established as a public entity in 2016. Henderson will remain a board member but will relinquish his position on the governance committee.

Henderson succeeds R. Bruce McDonald, who is stepping down from his role as chairman and CEO, effective immediately, and will remain as an advisor to the CEO until Sept. 30.

The Adient Board of Directors has commenced a comprehensive search process to identify a new CEO, Doder said. That process will be coordinated on

behalf of the board by directors Barb J. Samardzich, Peter H. Carlin and Raymond L. Conner.

"Bruce McDonald made significant contributions during the formation of Adient plc to ensure a successful spin-off," said Barth. "Bruce and the board agree that now is the right time for a new leader with a fresh perspective to drive value in the next phase of Adient's life as a public company. Fritz brings the right leadership skills and operational experience to step in and immediately accelerate our transformation, providing the time to conduct an expeditious and thoughtful search for a new CEO."

"While our market position remains strong," said Henderson, "and our China joint ventures continue to perform at high levels, we recognize that we are not executing at the levels we are capable of in our consolidated Seat Structures and Mechanisms and Seating segments, and that shortfall has been reflected in our financial results and valuation."

"My immediate focus is on better operational execution to drive meaningful improvements in profitability and free cash flow. We know what needs to be done and we will be approaching the work ahead of us with urgency."

McDonald has served as the company's chairman and CEO since its separation from Johnson Controls in 2016.

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

Detroit Auto Industry News and Advertising DetroitAutoScene.com ©Springer Publishing Co., Inc. **ARCHIVE**

Detroit Auto Scene

DECEMBER 8, 2014

Information Page Since 1933 – originating as the New Center News contact News Dept

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

News of the Automotive, Technology and Supplier Community

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

Advertising Rates contact Ad Dept

return to TOP OF PAGE

THIS 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.

DetroitAutoScene.com



SUMMER Sales Event!

Soak Up The Savings on EVERY New Chevy Car and Truck In Stock!

2018 EQUINOX "LS"



- Color Touch Screen Radio!
 - Keyless Entry and Start!
 - Rear Vision Camera!
 - Aluminum Wheels!
 - Steering Wheel Audio/Phone Controls!
 - Bluetooth for Phone!
- Stock# J44523

Was \$26,660 Sale Price: \$20,999*

24 MONTH LEASE

\$119*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

The Best Price...
PERIOD!

2018 TRAX "LT"



- Color Touch Screen Radio!
 - Remote Start and Entry!
 - Rear Vision Camera!
 - Aluminum Wheels!
 - LED Daytime Running Lights!
 - Bluetooth for Phone!
- Stock# J43295

Was \$23,895 Sale Price: \$16,799*

24 MONTH LEASE

\$119*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

The Best Price...
PERIOD!

2018 SILVERADO "LT" 4WD DOUBLE CAB



- **ALL STAR EDITION!**
 - GM Bed Liner INCLUDED!
 - Heated Seats!
 - Color Touch Screen Radio!
 - Trailering Package!
 - Remote Start and Entry!
 - Aluminum Wheels!
- Stock# J45582

Was \$44,095 Sale Price: \$32,995*

24 MONTH LEASE

\$129*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

TRUCK MONTH

2018 CRUZE "LT"



- Color Touch Screen Radio!
 - Remote Keyless Entry and Start!
 - Rear Vision Camera!
 - Power Driver's Seat!
 - Aluminum Wheels!
 - Bluetooth for Phone!
- Stock#J41549

Was \$23,475 Sale Price: \$17,299*

24 MONTH LEASE

\$139*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

The Best Price...
PERIOD!

2018 TRAVERSE "LT"



- 3.6L V6 SIDI VVT Engine!
 - Captain Chair Seating!
 - Lane Change and Blind Zone Alerts!
 - Rear Vision Camera!
 - Power Rear Liftgate!
 - Remote Entry and Start!
- Stock# Q10110

Was \$37,340 Sale Price: \$29,499*

24 MONTH LEASE

\$239*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

The Best Price...
PERIOD!

2018 TAHOE "LS" 4X4



- 5.3L V8 ECOTEC3 Engine!
 - Color Touch Screen Radio!
 - Keyless Entry and Start!
 - Rear Vision Camera!
 - 20" Polished Aluminum Wheels!
 - Max Trailering Package!
- Stock# J45030

Was \$54,345 Sale Price: \$43,899*

24 MONTH LEASE

\$339*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

The Best Price...
PERIOD!

We NEED Your Trade... We'll Give You **\$1000** OVER Kelley Blue Book... **GUARANTEED!**



RICH MILNE
rmilne@moranautomotive.com



DAVID BERCEL JR.
dberceljr@moranautomotive.com

SHOWROOM HOURS:

Monday 8:00 AM - 9:00 PM
Tuesday 8:00 AM - 6:00 PM
Wednesday 8:00 AM - 6:00 PM
Thursday 8:00 AM - 9:00 PM
Friday 8:00 AM - 6:00 PM

(586) 791-1010

35500 S. Gratiot Avenue... North of 15 Mile / Clinton Township / **FIND NEW ROADS™**

*Pictures may not represent actual sale vehicle. All applicable incentives including bonus cash, bonus tags, competitive brand, lease conquest and/or lease loyalty offers have been deducted from Sale Prices/Payments and are subject to change by the manufacturer without notice and are plus title, tax, plate and CVR fees and were valid at time of printing. GM Employee discount require except where noted. Leases are 10,000 miles per year. Equinox and Traverse are former dealership courtesy vehicles with 2500-3000 miles. Disposition fee may be required at lease turn in. \$1000 over Kelley Blue Book trade-in offer on 2005-2015 vehicles in drivable condition. No salvage or branded titles. Certain restrictions apply, see dealer for complete details on all incentives/offers. Sale ends 7/20/2018 @ 6:00PM.





ED RINKE




100 YEARS
IN BUSINESS



WE ARE PROFESSIONAL GRADE

2017 DEALER OF THE YEAR AWARDED BY GENERAL MOTORS CORPORATION

2018 GMC SIERRA 1500 DBL. CAB ELEVATION EDITION PURCHASE FOR \$29,879* STOCK #G582572	2018 GMC CANYON DENALI CREW CAB PURCHASE FOR \$36,419* STOCK #G585104	2018 GMC ACADIA SLE1 PURCHASE FOR \$26,559* STOCK #G584392	2018 GMC YUKON SLE PURCHASE FOR \$46,589* STOCK #G585192	2018 GMC TERRAIN SLE PURCHASE FOR \$25,559* STOCK #G584211
				
LEASE FOR \$98* PER MONTH 24 MONTHS \$999 DOWN	LEASE FOR \$178* PER MONTH 24 MONTHS \$999 DOWN	LEASE FOR \$208* PER MONTH 36 MONTHS \$999 DOWN	LEASE FOR \$348* PER MONTH 36 MONTHS \$999 DOWN	LEASE FOR \$128* PER MONTH 24 MONTHS \$999 DOWN



BUICK

2016 BUICK DEALER OF THE YEAR • 2016 BUICK DEALER OF THE YEAR • 2016 BUICK DEALER OF THE YEAR

2018 BUICK ENCORE PREFERRED PURCHASE FOR \$20,599* STOCK #B584973	2019 BUICK ENVISION PREFERRED PURCHASE FOR \$29,498* STOCK #B590004 NO GM EMPLOYEE DISCOUNT REQUIRED	2018 BUICK CASCADA PREMIUM PURCHASE FOR \$28,739* STOCK #B480133	2018 BUICK ENCLAVE ESSENCE PURCHASE FOR \$36,259 STOCK #B581738	2018 BUICK REGAL SPORTBACK PREFERRED PURCHASE FOR \$22,309* STOCK #B480143
				
LEASE FOR \$118* PER MONTH 24 MONTHS \$999 DOWN	LEASE FOR \$278* PER MONTH 36 MONTHS \$999 DOWN	LEASE FOR \$368* PER MONTH 39 MONTHS \$999 DOWN	LEASE FOR \$278* PER MONTH 24 MONTHS \$999 DOWN	LEASE FOR \$298* PER MONTH 36 MONTHS \$999 DOWN

SHOWROOM HOURS:
MON. & THURS. 8:30AM-9PM
TUES., WED. & FRI. 8:30AM-6PM


VISIT OUR WEBSITE: edrinke.com

We'll give you a \$3,500 minimum for your 2003 or newer trade in. See us for your GM Employee purchases.


1-866-452-1300

26125 VAN DYKE AT 10 1/2 MILE ROAD

Now looking for experienced salespeople to join our team!



Paul Makowski
pmakowski@edrinke.com



Art Kurgin
akurgin@edrinke.com

All prices and payments include GM rebates. Pictures may not represent actual vehicle. Pricing subject to change per GM incentives. Prices and payments are inclusive of active GM employee discount (unless otherwise stated). Must have GM Employee discount and lease loyalty. All leases are 10,000 miles per year with approved S Tier credit. All Vehicles shown are \$999 down unless otherwise stated. Disposition Fee may be required at vehicle turn in. Must have lease loyalty or lease conquest vehicle in household on certain models. Prices and payments are plus tax, title, plate, doc fee, refundable security deposit required on certain vehicles – to be determined by lender. Purchase pricing is priced at supplier (unless otherwise stated). 2019 model year vehicles are priced and discounted at supplier and lease loyalty.**\$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: 7/23 /2018.



ED RINKE



100 YEARS
IN BUSINESS

2017 DEALER OF THE YEAR AWARDED BY GENERAL MOTORS CORPORATION

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

2018 CHEVY SILVERADO 1500 LT DBL CAB LEASE FOR \$118* PER MONTH OR PURCHASE FOR \$31,609* 24 MONTHS \$999 DOWN STOCK #585250	2018 CHEVY CAMARO 1LT LEASE FOR \$318* PER MONTH OR PURCHASE FOR \$25,129* 39 MONTHS \$999 DOWN STOCK #480035	2018 CHEVY CRUZE LT LEASE FOR \$138* PER MONTH OR PURCHASE FOR \$16,379* 24 MONTHS \$999 DOWN STOCK #480410	2018 CHEVY EQUINOX LT LEASE FOR \$128* PER MONTH OR PURCHASE FOR \$22,599* 24 MONTHS \$999 DOWN STOCK #584088
			
2018 CHEVY MALIBU LT LEASE FOR \$138* PER MONTH OR PURCHASE FOR \$19,609* 24 MONTHS \$999 DOWN STOCK #480310	2018 TRAVERSE LS LEASE FOR \$238* PER MONTH OR PURCHASE FOR \$26,322* 24 MONTHS \$999 DOWN STOCK #VSR27W	2018 CHEVY TRAX LS LEASE FOR \$98* PER MONTH OR PURCHASE FOR \$14,779* 24 MONTHS \$999 DOWN STOCK #585291	2018 CHEVY VOLT LT COURTESY VEHICLE LEASE FOR \$208* PER MONTH OR PURCHASE FOR \$26,199* 36 MONTHS \$999 DOWN STOCK #480199
			

GM CARD TOP OFF UP TO \$3,000 • NO APPOINTMENTS NECESSARY FOR OIL CHANGES

ED RINKE

FAST • FRIENDLY • DISCOUNTS



Certified Service

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 LANE

LUBE OIL FILTER

\$23.95

Up to 5 qts.

Fluid Level, Brake & Alignment Check Included.

We use Genuine GM Oil & Filter
No additional or hidden charges. Out the door pricing.
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 7-31-18.

BODY SHOP

586-754-7000 ext 1231

INSURANCE WRECK AMENDED

TRANSPORTATION AVAILABLE

During Scheduled Repairs

FREE OIL CHANGE With Each Major Repair

WE REPAIR ALL MAKE & MODELS

Certified Service

See us for your GM Employee purchases. Now looking for experienced salespeople to join our team!

1-877-451-7707

26125 VAN DYKE AT 10 1/2 MILE ROAD

VISIT OUR WEBSITE: edrinke.com



NO DOC FEES
Find Us on FACEBOOK



Nicole Dodge
nhuminski@edrinke.com



Greg DeGrandis
gdegrandis@edrinke.com



Jim Pfeifle
jpfleife@edrinke.com

SHOWROOM HOURS: MON. & THURS. 8:30AM-9PM / TUES., WED. & FRI. 8:30AM-6PM / **FIND NEW ROADS™**

All prices and payments include GM rebates. Pictures may not represent actual vehicle. Pricing subject to change per GM incentives. Prices and payments are inclusive of active GM employee discount (unless otherwise stated). Must have GM Employee discount and lease loyalty. All leases are 10,000 miles per year with approved S Tier credit. All Vehicles shown are \$999 down unless otherwise stated. Disposition Fee may be required at vehicle turn in. Must have lease loyalty or lease conquest vehicle in household on certain models. Prices and payments are plus tax, title, plate, doc fee, refundable security deposit required on certain vehicles – to be determined by lender. Purchase pricing is priced at supplier (unless otherwise stated). Pricing includes rinke bonus cash while supplies last. **\$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. Volt is a former courtesy vehicle** Exp date: 7/23/2018.

