SEPTEMBER 13, 2010

Fiesta Creates **Excitement at** 'Beats & Eats'

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All four friends described the

SYNC system as 'awesome.'

In addition to the Fiesta test drive, Ford also offered a Ford Explorer drive simulation, demonstrations of SYNC and MyFordTouch and Active Park Assist.

Active Park Assist was demonstrated in the 2011 Ford Explorer and the friends also tried out this activity. "The rear view camera is

cool. It didn't show actual distance. I'd still like to look over my shoulder but it beeps to let you know you're too close," Megan said. Visitors to the SYNC and

demonstra-MyFordTouch tions included Irene Zografos, 70, a retired teacher from Mil-

"I think it's absolutely awesome, I love the safety features on it," Zografos said.

Zografos's festival compan-

ion, Oakland Community College student Michael Zehnder, 40, was also impressed "It's a high-end system

pretty much anyone can afford," Zehnder said. "You can get more out of the gadgets you spend so much money "The downside about SYNC

is that it's only in newer vehi-

By Martin Crutsinger,

The U.S. sector expanded

boost, with investors over-

looking dismal reports on U.S.

auto sales and construction

spending. The Dow Jones in-

dustrial average closed 253

China's robust growth rais-

es hopes that it will step up

its consumption of U.S. ex-

ports and help sustain the

"Companies that have es-

tablished distribution capabil-

ities in big markets such as

China, India and Brazil are do-

ing well," said Brian Bethune,

chief U.S. financial economist

at IHS Global Insight. "These

markets are pretty much the

main game in town until the

American household gets out

has helped lead the economy

out of the worst recession

since the 1930s and factories

kept churning out goods last

The Institute for Supply

Management said last week

that its manufacturing index

rose to 56.3 in August from

55.5 in July. A reading above

50 indicates growth. The trade group's index

surged since late 2009 and hit

U.S. factories have seen ris-

ing demand for exports and

from businesses that are in-

vesting in capital equipment

and supplies. That has given

the economy a lift at a time of uncertainty for the recovery.

Jobs are scarce, the unem-

ployment rate is near double

a six-year high in April.

month.

of the intensive care unit.' In the U.S., manufacturing

U.S. economic recovery.

AP Business Writer

recession.

points up.



every board, stone," Ludwig said. "Then he would have the workers bring them back here and they would put them back together like big jigsaw puzzles.'

Perhaps because of this, there seems to be a haunting, a certain spark of inspiration that remains in the spaces where these great inventors produced their creations. Ludwig pointed out the

building where Henry Ford created the Quadricycle and the farmhouse where he grew

Each place, each structure at Greenfield Village has a story, including the 1913 Herschell-Spillman carousel. "The carousel's from the

state of Washington. It is alloriginal," Ludwig said. "And I'll tell you two little facts about the carousel. First of all, why don't they call it a merry-go-round? A merry-goround is only horses, and a carousel is a menagerie of animals and you see the way it counter-clockwise? There's a reason for that. There used to be a brass ring that would drop down around the outside and the first person to grab the brass ring would get a free ride, but since most people are righthanded, that's why they go counter-clockwise."

Jerry Davis, a presenter for 16 years and currently sta-



Crowds cross the railroad tracks at The Henry Ford's Greenfield Village on a crisp afternoon.

tioned at the Wright Cycle Shop said that not only are the buildings at Greenfield Village mostly original, each foundation contains the soil of its original location. "This is Dayton soil under

and around us here," Davis said of the Wright Shop. "You go over to Menlo Park laboratory, that's New Jersey soil."

Davis related the story that when Ford asked Edison for his Fort Myers laboratory building for the Village, Edi-

give that up, Henry.' To which Ford replied, 'Oh Tom, I'll build you a bigger nicer one if you let me have the original 'Nope,' Edison said. 'I never want to see it leave Florida

replied, 'Then I'll bring the dirt. too. "And he did that," Davis said, "and we have that

soil.' To which Ford then

across the street.'

son told him, 'I don't want to ter, Davis recalls some of the more famous people who have toured the Village with him, including Bill Gates and Clint Eastwood. But some of his favorite guests have been the ordinary people who

Guests to Greenfield Village come from all over the country and the world, and the day I visited was no exception. Bill O'Connor, 66, from Nampa, Idaho, was visiting the Village As an experienced presenfor the first time since 1968.

Greenfield Village Bus a '31 Ford AA said, "but let me express is modified on the Model Ts By Stefanie Carano

Staff Reporter

While it may be considered 'transportaion" the fleet used to cart tourists around at The Henry Ford's Greenfield Village in Dearborn are no ordinary set of vehicles.

They include one Greenfield Village Omnibus Shuttle an original 1931 Model AA bus, the only running 1931 Ford bus in America, and 13 Model Ts.

"Out of our 13 that we own, nine are originals," Ludwig said. "Four of them are the new 2003 Model Ts," Ludwig

though, they're not reproduc-

"In 2003, the hundredth anniversary of Ford Motor Company, they were going to make 100 new Model Ts. They were not reproductions," he said. "These they made all-original molds, all-original dyes, they even leak oil like the original ones did . . . the only thing that's different in a new one is a price tag. This car is valued at \$250,000. An original one is valued, depending upon the shape that it's in, between \$8,000 and \$18,000.

Ludwig said only one thing

that tour the village and that is an electric starter.

"Now, the electric starts did come out in the early '20s," he said. "So you could've gotten an electric start. Now this is a 1914. Electric start was not available back then but we put them on for several reasons. First of all, if (the cranks) backfire they have a tendency to come around and hit you in the arm and break your arm. So as a safety factor that would be a good thing to have and another thing is, and I kind of make a joke out of it but it's true, etc.'

tomers have come to expect from Ford.' Focus Electric is one of five electrified vehicles Ford will release over the next three years. In addition to the Focus Electric, the Ford Transit Connect Electric small commercial van arrives in late 2010, followed by

two next-generation hybrid

electric vehicles, as well as a

plug-in hybrid electric vehicle

in North America in 2012 and

Focus Batteries

Cooling System

cold days, heated water warms

the batteries, gradually bring-

ing the system's temperature

to a level that allows it to effi-

ciently accept charge energy

and provide enough discharge

power for expected vehicle

pact a battery's life and per-

formance, making it crucial to

have an effective cooling and heating system to regulate tem-

perature for these demanding applications," said Anand

Sankaran, Ford executive tech-

nical leader, Energy Storage

The liquid cooling system

also plays a role in charging the

vehicle. When the all-electric

Focus is plugged in to recharge,

the vehicle control system will

automatically precondition the

battery, if needed, to the opti-

mal temperature before ac-

cepting charge. If the battery is

already at the optimal tem-

perature, the system will au-

tomatically accept charge and

maintain an optimal tempera-

our technology partners to ac-

celerate the development of

our lithium-ion battery sys-

tems to help our future EV

customers get the most out of

their vehicles," Marakby said.

"Our goal is to build an electric vehicle that delivers on the quality and performance cus-

"We are working closely with

"Extreme temperatures im-

performance.

and HV Systems.

Use Unique

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Europe in 2013. Electrified vehicles are one part of Ford's broader strategy to offer a wide range of environmentally friendly, advanced technology solutions to im-

prove fuel economy and lower CO2 emissions affordably.

Ann F. Federici, senior vice president of Human Resources with the AAA Auto Club Group, has been named "Michigan Human Resources Executive of the Year" by the American Society of Employers (ASE). Federici won the

more employees. Auto headquartered in Dearborn, is one of the largest affiliates

of the American Automobile Association (AAA). The organization, which has more than 5,000 employees, provides membership,

insurance, travel and financial services to more than 4.1 million members in Illinois, Indiana, Iowa, Michigan, Minnesota, Nebraska, North

Dakota and Wisconsin. Federici joined AAA in 1993. A native of Chicopee, Mass., Federici is a graduate of the American International College in Springfield, Mass. She has a bachelor's degree in business administration and a master's in clinical psy-

The award recognizes meritorious work by executives in the field of Human Resource Management and distinguishes those who represent the

a committee of more than 20 fellow Human Resources executives in ASE member organizations. ASE is one of the employer organizations.

ed at the ASE's Seventh Annual Summit at the Detroit Athletic Club on Oct. 20.

AAA was founded over 100 years ago for the purpose of lobbying for driver and passenger rights, fair laws and safer vehicles - all to better promote the love of the open road and the adventure of driving, according to the AAA

Since then, AAA has grown to over 50 million members strong, while providing valuable membership services such as roadside assistance

U.S. Shows Manufacturing Growth for 13th Month cline. the Commerce Depart- new orders and purchasing

ported for May and June. bracing for its worst August in for 27 years. General Motors Co.'s sales fell 7 percent last month ports helped push auto sales from July. Ford saw sales slip nearly 56 percent higher over for a 13th straight month in 5 percent from July. Subaru al-August, coinciding with gains so suffered. August is typical-million vehicles for the port, it's hard to say when or

The news gave Wall Street a ed to report that the economy added a net total of only 41,000 private-sector jobs, which would mark the fourth

> Job gains at industrial companies have made up about 30 percent of net hiring by businesses and other private organizations in 2010. Manufacturing makes up roughly 10 percent of private-sector jobs.

> Employers at factories are eager to add jobs. The August survey showed managers' desire to hire increased to 60.4 the strongest level since De-

small San Diego company that makes parts for gas turbines, said she is desperate to add a salesperson. She wants to hire someone to help find new business after lowering her sales expectations for the Even with fewer sales this

sales from the same point in

digits, home sales are at the lowest level in 15 years, and the American consumer is not spending enough to give businesses confidence to hire. activity Construction dropped 1 percent in July, the

ment said. Government revisions showed much weaker WASHINGTON - Manufacactivity than previously re- showed hefty gains in auto turing is growing in the United States and abroad, easing fears that the economy might be on the verge of a second

Don Ludwig, lifelong Dearborn resident and Greenfield Village

presenter, provides tours of the village in an original Model T.

PHOTO: STEFANIE CARANO

in Chinese manufacturing and ly a strong month.

straight disappointing month.

cember 1983.

Lori Jenks, president of a

year, she has doubled her Last week's report suggests

that moderate growth in manufacturing will continue, said Norbert Ore, the chair of the However, a measure of new

orders, which are a gauge of future business, dipped to the lowest level since June 2009 after surging earlier this year. That slowdown is consistent with the more moderate pace of growth in the U.S., Europe and China that is expected in the second half of the year, said TD Economics analyst Martin Schwerdtfeger in a research note.

China, the world's secondlargest economy, has been growing at a sizzling pace this year. Two surveys of the Chinese economy released Tuesthird straight monthly deday showed that production,

prices all rose in August.

Reports out of China also sales for August. The exten-The auto industry was sion of government subsidies energy-saving vehicles and stronger demand for ima year earlier. They hit 1.21 Automotive and Research Center.

> Robust growth in China could help boost the struggling U.S. economy, which expanded at a meager 1.6 percent rate in the April-to-June quarter.

As America's third-largest export market, China purchases large quantities of American farm products, such as soybeans, and manufactured goods including commercial airliners, semiconductor chips and industrial machinery.

Apple CEO Steve Jobs said last week at a media event in San Francisco that China represents an important growth market for his company.

But American manufacturers say U.S. exports would be much higher if it were not for China's refusal to allow its currency to rise in value against the dollar. That has made U.S. exports more expensive in China, and Chinese imports cheaper in the U.S. Also last week, the Com-

merce Department moved to impose penalty tariffs on imports of Chinese aluminum, ruling that the Chinese government was providing unfair subsidies. Meanwhile, bright spots in

the U.S. economy in terms of exports include Boeing aircraft, military vehicle sales overseas and computer software including the aforementioned launch of the Apple iPhone4 and iPad in a continued series of foreign markets. Quality and image of U.S.

products still faces certain criticisms, especially among automobiles, but Boeing airplanes, Apple consumer products and John Deere tractors enjoy a bulletproof image quality overseas, similar to what Toyota used to enjoy in

the U.S. prior to its recent auto braking and other related in-car quality issues.

The President recently formed a panel that is tasked with working with American commerce, business and industry to move even more U.S.-sourced products into overseas markets. But with oil continuing to be a major immonth, according to the Chi- if the U.S. will ever really bal-



SAE International and Honeywell Sponsor Student Design Contest

Honeywell and SAE International announced last week the launch of the third annual Honeywell/SAE Student Automotive Design Challenge.

This program is designed to engage students, ages 11-14, in hands-on math and science training, enabling them to actively discover how these subjects relate to their everyday wives, while uncovering potential career opportunities. Teams from 10 schools in

nine countries will compete by working on an automotive "design team" to produce a motorized toy vehicle. Their work will spand the

full automotive development cycle, from writing proposals and drawing sketches to developing their own working prototypes. Honeywell volunteers attend class to serve as experts in the engineering and technology fields. The teams initially compete within each school and, subsequently, on a global basis with other teams around the This year, the program will

reach more than 400 students in nine countries: China, Czech Republic, France, Germany, India, Mexico, Switzerland and the U.S. — and, for the first time, Romania. All of the schools are in

communities where Honeywell operates automotive-related facilities and its employees can actively serve as a resource for the student teams.

that used by real OEMs.

The program actually began on Aug. 30 and runs for the following nine weeks. Honeywell employees will fessional design.

vote online to select a global

nounced on Jan. 7, 2011. 'Our goal was to develop a fun, hands-on program that can get students excited about science and math," said Joe Toubes, vice president of Communications for Honey-

well Transportation Systems.

winner that will be

"We hope that the program will help students develop a life-long interest in engineering and technology, while giving them a unique opportunity to work collaboratively with students from around the world tackling the same technical problems. For more information, visit

www.honeywell-sae.com. The curriculum used in the

SADC program was developed by the SAE Foundation and won the National Science Foundation's prestigious 2008 Public Service Award. The program integrates sci-

ence, math, technology, social studies and language arts by assigning students to a mock corporation to research, design, test and build electricgear-driven toy cars. Students typically work in design teams of four to build

a vehicle and write proposals, draw sketches, model designs and develop plans that meet the specific set of design requirements that were earlier identified through current market research - same as Student software, some-

times provided by Honeywell, is also offering the participating students a "real-world" glimpse into the tools of pro-

AAA's Federici Earns Plaudits As Exec of Year

award for firms with 1,000 or

chology.

best in their profession. The selection was made by

nation's oldest and largest The awards will be present-

among many other consumer friendly products.