Ford Motor Company

100 Years of Advanced Manufacturing in Kentucky



A special report published by





The Model T was the first vehicle built at Ford's Louisville Assembly Plant.

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100 Years of Advanced Manufacturing in Kentucky By Frank Goad



"Kentucky's automotive industry is a powerful, flexible and innovationdriven sector that boasts more than 450 motor vehicle-related facilities employing nearly 80,000 people in the commonwealth. With that kind of muscular workforce, it's no wonder that Kentucky's output is staggering. In just this first quarter of 2013, Kentucky ranked third among top vehicle producing states. Last year, more than a million vehicles were assembled in the commonwealth, with one in 10 vehicles made in the United States coming from Kentucky."

- Gov. Steve Beshear

entucky is a state renowned internationally for fast horses and fine bourbon. For 100 years, Kentucky also has been home to auto manufacturers who, focused on horsepower and staying power, have vastly overshadowed the state's signature business sectors. Few companies have touched as many lives as the Ford Motor Company, and even fewer Kentucky companies are so intertwined with the nation's history.

Henry Ford said, "But to do for the world more than the world does for you – that is success."

Ford innovated advanced manufacturing in Kentucky with the innovative and then state-of-the-art motor vehicle assembly line. In the years since, the company has lived his words through investment in its Louisville facilities, adding people to the payroll, and indirectly creating thousands more jobs at the support firms that supply Ford with goods, services and workers.

Ford's Louisville plants have employed tens of thousands of people. Today, the Louisville operations directly employ nearly 9,000 workers, and



When Ford opened its first plant in Louisville, the assembly line process utilized was state-of-the art in advanced manufacturing. Model Ts were the first vehicles produced in Louisville.

more than 7,000 local retirees receive benefits from their careers with Ford. The economic and social impact over its 100-year history in Kentucky is nearly immeasurable.

Even before opening his first plant here, Henry Ford understood the rich trove of natural resources Kentucky offered. Along the way, he bought coal mines, timberland and railroads; Ford also bought river ports to ship and receive raw materials and finished products. The company has since divested itself of these holdings and reinvested the capital into their operations.



"Ford is proud to have been in Kentucky for 100 years. Our plants here are producing award-winning vehicles, such as the Ford Escape, Super Duty Trucks, Ford Expedition and Lincoln Navigator. Ford looks forward to another 100 years of manufacturing excellence in the Commonwealth of Kentucky!"

– Alan Mulally, President and CEO Ford Motor Company



"It is an honor to be part of a relationship that has been so vital to Kentucky's economy for so many years. Through the continued support from our employees, dealers, government officials and community members, we will continue to grow and give back to the Louisville community for years to come."

– Bill Ford, Chairman of the Board Ford Motor Company

The variety of Ford vehicles built in the River City over the years is impressive. Louisvillebuilt Ford trucks have long hauled goods across the United States. Tractors once made in Louisville cultivated farms: some are probably still in service today. During World War I, the plant served as a training site for the U.S. Army Medical and Mechanical Corps; in World War II, the assembly lines produced military trucks and



Ford's manufacturing expertise helped America's troops by building military vehicles through a contract with Willy's Motor Co. during World War II.

Jeeps made through a contract with the Willy's Motor Co.

When WWII ended, Ford quickly retooled to produce civilian cars to meet the nearly overwhelming demand from returning soldiers anxious to start new, peacetime lives and enjoy the fruits of their hard-earned victory.

From its first year assembling about 12 Model Ts per day, to the thousands of vehicles made daily in the two plants, Ford has proved itself as a caring neighbor, an outstanding public citizen and a willing partner in Kentucky's fortunes.

Meeting America's needs

The contributions of Ford's Louisville plants to American life manifest in ways many have never considered, perhaps because of the wide variety of things made there over the years. In war and in peace, as our country's wants and needs changed, so have the plants.

Ford began it Louisville operations with 17 employees in a shop at 931 South Third Street. It wasn't an official factory then, but a "branch agency," the forebear of today's vehicle dealerships. Model Ts were made in Detroit, but the cars were shipped partially assembled in crates – so Ford could fit 20 vehicles into a rail car compared to only four if fully assembled.

Once the crates arrived in Louisville, workers assembled them and sold

them at the branch agency. In less than a year, with business was booming in Louisville, the company acquired two adjacent buildings at 933 South Third for expansion. Today, Ford has two plants in the River City: Louisville Assembly Plant (LAP), where the all-new Ford Escape is produced; and the Kentucky Truck Plant (KTP), which manufactures the Expedition, the Super Duty and F-250 through F-550 pickup trucks, and the Lincoln Navigator.

By 1910, the U.S. had 69 companies producing 2,700 makes of cars, but there is now a long list of extinct car brands – some disappearing in the past few years. Ford's longevity and continued global presence in a mercurial industry is indeed impressive.

Just as America has seen rich and lean times, Ford has too. The Great Depression took its toll on the company because so few people were buying cars. To remain viable, Ford sold off assets, including the railroads, and laid off workers. It survived when many other companies failed.

1915 Model T Town Car

Ford Archive



"During the past few years, we've transformed the Louisville Assembly Plant and added more than 3.000 jobs to make it one of Ford's most flexible, high-volume plants in the world producing up to six different vehicles at the same time. And, we continue to produce our award-winning Super Duty pick-up trucks at our Kentucky Truck Plant. It's clear that our presence in Kentucky plays a key role in our success, and we look forward to continuing our commitment to Kentucky over the long term."

> - Jim Tetreault, Vice President, North American Manufacturing, Ford Motor Company

The transformation that almost wasn't

Though Ford's Louisville plants have a rich history, there was a time in the recent past when their survival was in doubt. During the recession, management in Detroit was cutting costs and surplus manufacturing capacity. Many plants were considered a liability.

A committee of plant management, line employees and United Auto Workers (UAW) union representatives went from Louisville to Detroit to make the case for keeping the 1950s-era assembly plant open. In 2007, Joseph Hinrichs, who was then Group Vice President for Manufacturing and Labor Affairs, negotiated an agreement at the national level that provided the framework to re-invest in LAP. (Hinrichs now serves Ford as Motor Company's Executive Vice President and President of The Americas.)

Through teamwork and strong leadership, along with economic incentives development from Louisville and the Commonwealth of Kentucky, the plant succeeded as Ford shuttered other facilities. Thousands of jobs - at the plant and at supplier operations - and billions of dollars in annual revenue for Kentucky were saved.



²hoto by Sam VarnHagen/Ford Motor Compai

Workers at Ford's Louisville Assembly Plant assemble the all-new Escape after an employee celebration last year to mark the \$600 million transformation of the facility.

Accelerating in advanced manufacturing

The Louisville facilities have produced a wide range of cars and trucks, including the Model T, Model A, Edsel, Fairlane, Galaxy, Sunliner and LTD cars; Ranger and F-series pickups; Mountaineer, Escape, Explorer and SportTrac SUVs; a wide range of heavy trucks; and a variety of others, including military vehicles. Ford's famous Bronco II SUV was produced there, and today they are collector's items often seen in movies and videos.

"To resent efficiency is a mark of inefficiency," Henry Ford said in 1925. As manufacturing and logistical technologies have improved over time, Ford has consolidated its plants worldwide. The Louisville operations benefitted from the value of Kentucky's central location and its skilled workforce.

After a massive retooling in both plants, both Louisville plants are models of efficiency and flexibility. In recent years, the LAP was gutted and almost completely re-engineered. It can now produce up to six vehicles simultaneously, a feat once considered nearly impossible in heavy manufacturing. The plant has more than 1,000 robots, most of which are re-programmable to handle a wide variety of parts and vehicles.

Perhaps the biggest advantage is that no downtime for retooling is needed because the robots are almost immediately "re-trainable." This allows them to quickly meet changing customer preferences and keep the plant busy, avoiding manufacturing downtime.

The \$600 million investment transformed the plant into the global company's most flexible high-volume plant - and one of the world's most advanced manufacturing facilities. A second shift with an additional 1,800 jobs at LAP was part of the original 2010 announcement.

In the fall of 2011, Ford said the terms of its new national labor contract would create a third shift and



"It's amazing when you realize that Ford started making Model T cars back in 1913 in Louisville, and now a century later they are still producing some of the world's most popular vehicles. The Louisville Assembly Plant is the company's most flexible high-volume plant in the world, and together with the Kentucky Truck Plant, Ford continues to make a dramatic impact upon the economic strength of Louisville and the commonwealth. The partnership Ford has with Kentucky is really quite a powerful story. Not counting the billions in investment dollars and thousands of jobs, Ford operations support millions of dollars in direct and indirect economic activity."

- Larry Haves, Secretary, Kentucky Cabinet for **Economic Development** added another 1,300 jobs. More than 1,200 employees transferred to Louisville in 2011 from other Ford locations bringing new families needing goods and services from area businesses. That contract also included another \$600 million for improvements at the Kentucky Truck Plant.

Kentucky's Cabinet for Economic Development predicted that indirect jobs for non-Ford companies (suppliers, contractors, etc.) would contribute another \$1.2 billion to the state's economy.

Today, payroll for direct jobs generated at the two Louisville plants has grown to nearly \$1 billion annually, and continues to grow as the company finds new and better ways to make cars and trucks.

High-tech operations

The two Louisville Ford plants cover a massive amount of space. Consider these stats:

· LAP has over 20 miles of conveyor belts, the distance between Frankfort and Lexington's Keeneland thoroughbred race track.

• Every 55 seconds, a new Escape rolls off the line.

· Each hour, over 70 cars come off that line and bumper-to-bumper measure around three city blocks.

• KTP has more than 6 million square feet of floor space; LAP has 3.15 million square feet.

• KTP has more than 24 miles of conveyor belts, or the distance between Elizabethtown and Fort Knox

"That man is best educated who knows the greatest number of things that are so, and who can do the greatest number of things to help and heal the world." Henry Ford said in 1924. It's a philosophy still evident today. Ford offers tuition reimbursement for all employees who choose to further their education, which provides an opportunity for advancement many might otherwise not have.

The company's signature educational program is Ford Next Generation Learning, "a community-based program that mobilizes educators, employers and community leaders to prepare a new generation of young people who will graduate from high school college-andcareer ready." The program strives to make connections between what is learned in the classroom and how it applies in the real world. It also works to support community-wide efforts to align local business and community resources to help high schools improve their capabilities as "career academies." Louisville is one of 17 communities in the program.

LAP participates in the "externship" program. Along with police departments. Norton Children's Hospital and other area concerns, LAP brings high school teachers in to let them experience how the plant operates firsthand. They work in different departments alongside plant personnel and receive training in functions from welding to robotics and logistics, then take the information back to their classrooms and integrate it into their teaching.

this year.

More than 60 teachers will

go through the Ford plant

a multilevel commitment to

diversity and equality that

started with its founder.

"Suppression of progress

plays into the hands of

the social enemy," Henry

Ford said in 1926. "Every advance in social justice establishes the nation." In 1913, to help increase employee ranks to meet production demands, Ford offered the innovative \$5-a-day wage — more than double the industry

average at the time -

and recruited thousands of African-Americans and im-

The company exhibits



Robotic equipment at the Louisville Assembly Plant improves plant efficiency and boosts quality in the Ford Escape. LAP employs more than 4,500 workers on three shifts.

Smarter cars, smarter workforce

Ford places a high value on education for its employees, their families and the community. It knows that to remain competitive in the global market and produce the highest quality vehicles requires a talented, well-trained workforce.

migrants. It helped create a new American middle class and established Ford as one of the first American companies to reflect the growing diversity of the United States.

To this day, Ford works to create opportunities for all people. It created a Dealer Diversity program and has the highest total percentage of minority- and women-owned

100-years in Louisville, and still no signs Ford of slowing down.

For 100 years running, Ford Motor Company has been a significant part of the Louisville business community. Ford is a major employer and the center of a network of nearly 200 suppliers. The company contributes to the Greater Louisville region to the tune of more than \$755 million in economic impact each year. It's a long-term investment that's great for Louisville and Ford, now and down the road. Learn more at *GreaterLouisville.com*.





Workers at Ford's Louisville Assembly Plant assemble the all-new Escape. Ford unveiled the facility's \$600 million transformation last year. It now has more than 20 miles of conveyors, nearly 1,000 programmable machines and robots, and the flexibility and capability to produce six different types of vehicles at the same time.

Top 10 States for Auto Parts Employment			
State	Direct Jobs		
Michigan	102,624		
Ohio	89,423		
Indiana	79,651		
Tennessee	48,284		
Kentucky	41,097		
Illinois	37,087		
Alabama	30,566		
Texas	29,422		
North Carolina	25,843		
South Carolina	24,569		

dealerships. In 2011, Ford purchased \$5.08 billion in goods and services from approximately 250 minority-owned suppliers and \$1.06 billion in goods and services from women-owned businesses, exceeding company goals.

The plant and its employees are active in many other programs such as YMCA Black Achievers, and provides annual scholarships through the Ford African-American Network. For many years, employees have been active in the Urban League, 100 Black Men and a wide variety of other programs and organizations.

Protecting the future

William Clay "Bill" Ford, the company's chairman of the board and great-grandson of Henry Ford, has made environmental responsibility a cornerstone of the company's plans going forward.

Under his leadership, Ford Motor Company in 2000 published its first corporate citizenship report analyzing the economic, environmental and social impact of company products and global operations. His stated vision for the company includes a concern for the broader world that the company touches.

In June, Ford released its 14th annual Sustainability Report. It recorded a 37 percent per-vehicle drop in CO^2 emission levels at global facilities between 2000 and 2012, with a further 30 percent reduction planned between 2010 and 2025.

Ford management believes that being "green" is profitable. Sustainability issues are embedded in the company's business plan, and are consistent with its aim to deliver great products, a strong business and a better world, said Ford CFO Bob Shanks.

"We are much more proactive in understanding the importance of sustainability in the broadest sense – not only in relation to our products, but also in the quality of the financial results that we derive from them," Shanks said.

The Escape crossover vehicle manufactured at the LAP is 85-percent recyclable. The plant's new "3-Wet" painting system eliminates the need for a primer spray booth (fewer chemicals), and an oven to bake the paint, which saves up to \$1.5 million in energy costs per year.

In the fall of 2012, LAP finished a new parking lot asphalt system to efficiently manage storm water runoff and protect nearby freshwater bodies. It reduced storm water runoff by nearly 18 million gallons per year. The plant was awarded Ford's 2012 Manufacturing Environmental Award for that project.

Talk to the employees and their enthusi-

asm is obvious. You hear comments such as, "I've been here for nearly 40 years and every day is an adventure," and, "This place has given my family a better life than we ever expected when we came to town." Employees



Steve Leanhart helps build a Ford Super Duty as it moves down the line at Ford's Kentucky Truck Plant in Louisville.

are excited by recent changes and speak proudly of the plant's flexibility, technology such as robots, and how it's a highly advanced facility. They say they are more empowered than ever to examine how things are done and make improvements. If employee pride and spirit is any indicator, the plant has many years ahead of it.



100 YEARS AND COUNTING THANKS FOR THE GREAT RIDE



"BEING A FORD DEALER IN CENTRAL KENTUCKY FOR THE LAST 60 YEARS HAS PROVIDED US A GREAT OPPORTUNITY TO **GO FURTHER** WITH OUR CUSTOMERS AND STAND BEHIND A PRODUCT THAT HAS BEEN BUILT FORD TOUGH FOR OVER 100 YEARS IN KENTUCKY."

- J.P. MILLER, JR.



Ford recently celebrated the 100th Anniversary of it's Louisville Plant. Company officials and Louisville leaders gathered to mark the occasion, including (from Left) John Savona, Manager of the Louisville Assembly Plant, Mayor of Louisville, Greg Fischer, J.P. Miller Jr, President of Paul Miller Ford, and Joseph Bobnar, Kentucky Truck Plant Manager.



paulmillerford.com 800.300.FORD





Thanks for 100 years, Ford. Keep on truckin!



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Kentucky Leaders Celebrate Ford's 100 Years



"I congratulate Ford Motor Company on a tremendous milestone in the history of one of Kentucky's most important economic engines. Throughout these 100 years, Ford has been an outstanding corporate citizen in Louisville and for our commonwealth. Over my 25 years in public service, I can truly say that partnering with Ford to ensure their continuation

and growth, ranks among my proudest moments. I look forward to its next 100 years of success in Kentucky!"

- Lt. Gov. Jerry Abramson



"Dating back to its first Louisville plant in 1913, Ford's history and Louisville's history are intertwined – and it has been a legacy of innovation, teamwork and craftsmanship. Now, we are writing a new chapter of that heritage, a chapter of growth, investment and new job creation that is focused on the future but still rooted in the quality of the men and women who work at

Louisville's two Ford production facilities. We are excited that Ford's history and legacy in Louisville will continue to grow in the years ahead." - Greg Fischer, Mayor of Louisville



"I congratulate the Ford Motor Company for its 100th anniversary of manufacturing in the City of Louisville and the Commonwealth of Kentucky. Ford's 8,500 employees continue in the proud tradition of American manufacturing, producing more than 650,000 vehicles annually.

"Louisville and Ford have proved to be great partners in automotive progress, and I look forward to the next 100 successful years of Ford Motor Company in Kentucky."

- Sen. Mitch McConnell, Kentucky Republican Leader, **U.S. Senate**



"The American industrialist and entrepreneur Henry Ford revolutionized how the automobile was designed, produced and distributed. And, for a century, Kentucky has been at the heart of Ford Motor Company's achievements. Ford remains a leader and innovator

in Kentucky because of the hard work and spirit of its people. I congratulate the Ford Motor Company – the leadership, employees and affiliates – and I look forward to many more years of prosperity."

- Rand Paul, U.S. Senator for Kentucky

han

Louisville Assembly Plant at 3rd Street and the Eastern Parkway is constructed in this photo circa 1916. The larger facility accommodated the increase in demand for Ford cars. It was closed Moto in 1955 when the current plant and opened on Fern Valley Road.



"As an economist, I love statistics. And it's easy to come up with statistics that show Ford's incredible value to the economy of Kentucky and the Louisville region, in particular. But the value of Ford and its employees' contributions to education, community service and the social fabric of Kentucky is immeasurable. We can't

thank them enough. - President James Ramsey, University of Louisville



"Ford Motor Company has been, and continues to be, a tremendous asset to the Louisville community. Not only does the company directly employ thousands in our region, but its investment creates a multiplier effect of jobs from its suppliers and service providers. As a corporate citizen, Ford and its employees are also generous contributors to our

quality of life. Congratulations to Ford on 100 years of advanced manufacturing excellence. We look forward to continuing as your partner for years to come."

- Craig J. Richard, President & CEO, Greater Louisville Inc.



"Congratulations to Ford for its 100 years in Kentucky! The General Assembly is proud of its partnership with Ford and it will strive to continue to do our part to keep Ford's Kentucky plants competitive. We are grateful for Ford's continued presence and look forward to the next 100 years." - Robert Stivers, President of Kentucky Senate



"It is no overstatement to say that Kentucky's leading role in the automotive industry can be traced to Henry Ford's decision a century ago to establish operations in Louisville. If he could be here today, I am positive that he would be proud to see just how much that has meant, both to his company and to the commonwealth. The next

100 years promise to be even better."

- Speaker Greg Stumbo, Kentucky House of Representatives



"Ford Motor Company has been wise to depend on Louisville's highly-skilled workforce to help the company thrive, and our community has been fortunate to benefit from the many thousands of good jobs Ford has created. With Ford leading the way on innovations for the future, Kentucky can look forward to our partnership continuing to flourish for another hundred years.

- John Yarmuth, Congressman for Kentucky, **U.S. House of Representatives**



Ford's Louisville Operations Boost Kentucky's Economy

Ford Motor Company is celebrating the 100th anniversary of its Louisville assembly operations. The company received resolutions from local and state elected officials, congratulating Ford on its contribution to the "economic, social and cultural heritage" of Louisville and Kentucky.

Ford opened its first Louisville Assembly Plant on South Third Street in 1913 with 17 employees who built an

average of 12 cars a day. Today, Ford is Kentucky's largest automaker, employing nearly 9,000 workers in two Louisville plants and assembling more than 650,000 vehicles a year. Louisville-made Ford vehicles — the Escape, F-250 Super Duty, Expedition and the Lincoln Navigator — are exported and sold in more than 140 countries around the globe.

Nearly 170 companies supply parts to Ford's two Louisville plants. In 2012, Ford purchased \$4.1 billion of production supplies from those companies and \$108 million of non-production supplies.

There are 53 Ford dealerships in Kentucky, employing more than 2,100 workers. More than 800,000 Ford vehicles are on the road in the commonwealth.

From 2003 to 2012, Kentucky's Ford plants contributed \$11 million to fund local charitable contributions and programs.



At left: Louisville Assembly Plant is located at 2000 Fern Valley Road in Louisville. The 3.15 million s.f. Ford plant currently manufactures the Escape, but is designed to be able to simultaneously assemble six different models.

Above: Ford's Kentucky Truck Plant sits on 500 acres at 3001 Chamberlain Lane in the Northeast corner of Louisville. It opened in 1969 and employs nearly 4,000 people.

Above right: Joseph Bobnar, manager of the Ford Kentucky Truck Plant, poses in front of the Louisville manufacturing plant, which currently manufactures Expeditions, F-Series Super Duty Trucks and Lincoln Navigators.

Ford's Kentucky operations have \$4.49 billion impact on state's GDP

Ford's two manufacturing plants in Kentucky have a significant financial impact on the state's economy. Based on data compiled by the Kentucky Cabinet for Economic Development's office of research and public affairs (utilizing U.S. Bureau of Labor Statistics estimates in lieu of proprietary Ford Motor Company actual wage and salary data), Ford has the following impact on Jefferson County's and Kentucky's economy:

Gross Domestic Product

(111 D1110113)		
	120 Counties	Jefferson County
Direct	\$1.33	\$1.33
Indirect	2.15	1.60
Induced	<u>1.01</u>	<u>0.86</u>
Total	\$4.49	\$3.79
Employment	t	
Direct	8,700	8,700
Indirect	27,161	17,176
Induced	<u>13,558</u>	<u>11,250</u>
Total	49,418	37,126

Annual average wage with benefits

Total Effect	\$61,480	\$69,715
Induced	44,785	<u>47,085</u>
Indirect	54,050	63,775
Direct	\$110,700	\$110,700

Source: Kentucky Cabinet for Economic Development

Home of SUPER DUTY - EXPEDITION - NAVIGATOR Kentucky Truck Plant

Kentucky Truck Plant

- Employment: 3,865
- Current products: F-Series Super Duty trucks (F-250 through F-550), Ford Expedition, Lincoln Navigator
- Year opened: 1969
- Site size in acres: 500
- Plant size in square feet: 6 million

Louisville Assembly Plant

- Employment: 4,585
- Current product: Escape
- Year opened: 1955 (current facility)
- Site size in acres: 180
- Plant size in square feet: 3.15 million

First quarter 2013 production

In the first quarter of 2013, Kentucky's two Ford plants produced 98,256 Escapes, 18,148 Expeditions, 68,597 F-Series Super Duty Trucks, and 950 Lincoln Navigators – a a production increase of more than 54 percent over the first quarter of 2012.

Kentucky-Southern Indiana Ford Dealers

Kentucky **Dealer Name**

Mike Castrucci Ford Lincoln Boyd County Ford Fannin Lincoln Mercury Conway Heaton Leon Riley Ford Greenwood Ford Ray's Ford Tri-County Ford Earl Floyd Ford Don Franklin Ford Falls Ford Lincoln Stuart Powell Ford Bob Swope Ford Pinkham Lincoln Automotive Larry Fannin's Family Ford Airport Ford Crossroads Ford Lincoln Hunt Ford Gillie Hyde Ford Lincoln Grayson Ford Moore Ford Tim Short Ford Dempewolf Ford Pennyrile Ford Mountain City Ford Freedom Ford Paul Miller Ford B. F. Evans Ford Don Franklin Ford Lincoln All-State Ford Truck Sales Bill Collins Ford Lincoln Byerly Ford Downtown Ford Oxmoor Ford Lincoln Town and Country Ford Madisonville Ford Purchase Ford Cumberland Ford Motors Dutch's Ford Parker Ford Lincoln Wildcat Ford Lincoln Champion Ford Lincoln Paducah Ford Lincoln Bruce Walters Ford Sales Quality Ford-Mercury Knox Ford Madison County Ford Lincoln Lawhorn Ford Sales O'Brien Ford Alton Blakley Ford C & C Ford Jack Kain Ford Brown's Ford

Address

7400 Alexandria Pike Alexandria 2119 Greenup Ave Ashland 7405 US Route 60 Ashland 810 N. 3rd St. Bardstown 99 N. Main St. Renton 3075 Scottsville Road 385 Bypass Road 5101 W. Hwy. 146 Buckner 2687 Hwy. 227 Carrollton 576 Hudson St Columbia 13305 N. Hwy. 25E Corbin 225 S. Danville Bypass Danville 1307 N. Dixie Ave. 1505 N Dixie Hwy 395 W. Water St. 8001 Burlington Pike Florence 1070 Versailles Road Frankfort 1000 S. Main St. Franklin 610 Happy Valley Road Glasgow 333 C.W. Stevens Blvd. Grayson 1201 S. Main St. Hartford Daniel Boone Pkwy. Hazard 2530 U.S. 41 North Henderson 5505 Fort Campbell Blvd. Hopkinsville 101 South Main St. Inez 7223 U.S. Hwy. 23 South lvel 975 East New Circle Road Lexington 270 US 431 North Livermore 425 S. Laurel Road London 1357 Gardiner Lane Louisville 4220 Bardstown Road Louisville 4041 Dixie Hwy. Louisville 809 S. Fifth St. Louisville 100 Oxmoor Lane Louisville 6015 Preston Hwy. Louisville 1801 Lantaff Blvd. Madisonville 1352 Hwy. 45 North Mayfield 1501 Hwy. 25 E Middlesboro 751 Indian Mound Dr. 701 Main St. Murrav 4080 Lexington Road Nicholasville 140 Southtown Blvd. Owenshoro 3476 Park Ave. Paducah 302 S. Mayo Trail Pikeville 311 US Hwy. 62 West Princeton 461 S. Dixie Hwy. Radcliff 768 Eastern Bypass Richmond 2434 Lakeway Dr. 720 Mt. Eden Road, Hwy. 53 Shelbyville 2130 S. Hwy. 27 Somerset 103 E. Fifth St. Sturgis 3405 Lexington Road Versailles 1701 W. Main St. West Liberty

Southern Indiana **Dealer Name**

Carriage Ford Heritage Ford Eddie Gilstrap Motors Jim O'Neal Ford

City Address 908 East Lewis & Clark Pkwy. 2075 Edsel Lane 207 S. Main St 516 S. Indiana Ave.

Clarksville Corydon Salem Sellersburg

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Ford Escape



Lincoln Navigator



Ford F-250



Ford Expedition



Ford F-550

Source: Ford Motor Co

Advanced Manufacturing Timeline at Ford's Louisville Assembly Plants

• The first commercial automobile to emerge from the Ford Louisville Assembly Plant in 1913 was the Model T, affectionately known as the "Tin Lizzie," which could be reconfigured by consumers to move cattle, haul freight, and even herd horses.



Workers in back of the first Louisville Ford plant at 931 South Third Street in 1913. • The Louisville plant in 1913 sold and serviced the Model T Town Car, Touring Car, and Runabout automobiles its workers assembled.

• In 1916, Ford moved its Louisville manufacturing operations to a new facility at Third Street and Eastern Parkway, producing up to 70 vehicles a day on an automotive assembly line. The new automotive integrated assembly line changed the old manner of building one





car at a time, moving the work to the worker by having parts, components, and assemblers stationed at different intervals, and beginning a new era of industrial progress and growth.

• Sales and service of Louisville-made automobiles in 1916 were turned over to independent automobile dealerships, which became the public's main point of contact with Ford products.

- By government decree, Ford's Louisville plant was used by the U.S. Army as a training installation for military mechanics during World War I.
- Ford's Louisville manufacturing operations in 1925 moved into a new 350,000-s.f. facility on the banks of the Ohio River at 1400 South Western Parkway and was deemed "the largest building under one roof in the south."

• Workers at Ford's Louisville manufacturing facility rolled the last Ford Model T off the assembly line in 1927 and began making the new Ford Model A in 1928.

• Consumer demand for more luxury and power pushed aside the current model and production of a new Ford vehicle with a pioneering V-8 engine began in 1932.

The last Model T was produced in Louisville on June 3, 1927.

Ford Motor Company



LAP produced over 20 million Ford Explorers over the course of 20 years.



• One of the largest labor unions in the nation was formed as the United Automobile Workers (UAW) in 1935, and after a rather tumultuous beginning, won acceptance by the automobile industry and became a potent and forceful leader for auto workers, with Ford building a strong relationship with the union through its policies and programs. The United Auto Workers-Committee for Industrial Organization Local 862 was chartered on June 23, 1941, as the first UAW-CIO local in Kentucky and began representing Ford production workers in Louisville.
By government decree, the Louisville Assembly Plant produced U.S. Army vehicles from 1942 to 1945 for the World War II war effort.

• A revitalized Ford in Louisville met the postwar economic boom with the debut and production of the 1949 Ford, the first vehicle integration of body and fenders, which would set the standard for auto design in the future.



New robotic equipment at the Louisville Assembly Plants improves plant efficiency and boosts quality.

• Ford workers at the Louisville Assembly Plant in 1954 reached a milestone when the 1.5 millionth vehicle was produced at the facility.

• Ford relocated the Louisville Assembly Plant in 1955 to a new 1 million-s.f. manufacturing facility at 2000 Fern Valley Road, with an opening ceremony presided over by Chairman Henry Ford II and Corporate Vice President Robert McNamara.

• The workforce of the new Louisville Assembly Plant grew by one thousand employees, growing the Ford UAW Local 862 membership to 2,263 production workers building the Ford Fairlane, Ford Custom, Ranch Wagon, and F-Series pickup truck.





In February, Ford Motor Company celebrated the 100th anniversary of its Louisville Assembly Plant. To mark the occasion, Ford conducted a news conference at the Kentucky Exposition Center, where local and state elected officials presented the company with resolutions noting Ford's contribution to the "economic, social and cultural heritage" of Louisville and Kentucky. From left are: Louisville Metro Councilman David James; Lt. Gov. Jerry Abramson; state Rep. Larry Clark, D-Louisville; Joseph Bobnar, manager of the Ford Kentucky Truck Plant; John Savona, former manager of the Louisville Assembly Plant and now director of manufacturing at Ford Motor Company; Mayor Greg Fischer; and U.S. Rep. John Yarmuth.

> • These new production models at the Louisville Assembly Plant were followed by such well-known cars as the retractable hardtop convertible Ford Skyliner, the Ford Edsel and Ford Galaxie.

> Louisville Assembly Plant vehicle production continued

in the 1960s and 1970s with the Ford

LTD and F-Series pickup trucks. • Ford expanded Louisville production capacity in 1969 with the addition of a new manufacturing complex, the Kentucky Truck Plant on Chamberlain

Lane, and 3,600 new Ford-UAW production workers. The 2.4 million-s.f. plant in 1969 was the "largest truck production plant in the world under one roof."

• The Kentucky Truck Plant manufactured more than 1 million W-Series heavy trucks, F-Series trucks, and commercial trucks within a decade.

• The Louisville Assembly Plant vehicle production continued in the 1980s with the Ford LTD, Ford Bronco, F-Series, Ford Ranger and Ford Bronco II. • Ford innovation continued in the 1990s and 2000s with the introduction of the Louisvillemade Ford Explorer, which defined the sports utility vehicle (SUV) segment and became the best-selling SUV in the world.

• "Built Ford Tough" F-Series Super Duty work truck, commercial truck, and heavy duty work

truck production during the 1980s, 1990s and 2000s expanded capacity volumes at the Kentucky Truck Plant. • Ford ended production of the Ford Explorer at the Louisville Assembly Plant in 2010, retooled and reopened the manufacturing complex with 3,000 production workers in 2012 as the "most flexible automotive assembly operation in the world."



Retired employees Donnie Dowell, left, and Henry Dowell look over a model T during a centennial celebration stop in Louisville on May 14, 2003.

• The Louisville Assembly Plant in 2013 employs more than 4,500 highly skilled Ford UAW workers building the world's best-selling small SUV, the Ford Escape, at record production volumes.

• The Kentucky Truck Plant in 2013 employs more than 4,000 highly skilled Ford UAW workers building the world's best-selling F-Series Super Duty work truck, commercial trucks, the Ford Expedition and the Lincoln Navigator at production capacity volumes.

John Savona, former Louisville Assembly Plant manager and now director of manufacturing at Ford Motor Company, visits with Sgt. Major Thomas Crump during the 2012 veterans parade in Louisville.

Ford Employees Make a Big Difference in the Community

ord's Louisville employees affect their community inside and outside the plants' walls. They are involved in a wide spectrum of social and community causes. In dollars alone, Ford, the UAW and plant employees annually give more than \$1.5 million to local charities and organizations.



Ford employees participate in the 2012 Susan G. Komen - Race for the Cure Walk in Louisville.

One project that draws almost all Ford employees is the Adopt-a-Child project, for which the UAW and every department collects money. Working with coordinators from various shelters, community centers and the Jefferson County Board of Education, children most in-need or at-risk are referred to the program. The minimum to sponsor a child is \$175, but the employees often exceed that figure.

Employees also are active with Boys & Girls Clubs, Haven House, United Way, St. Joseph Children's home, the Louisville Zoo, the Dare to Care Hunger Walk, mentoring programs and a host of other charitable and social needs programs. The company also is very active in the Kentucky Derby Festival, from the parade to the spelling bee and other events along the way.

Projects include raising over \$750,000 for the Juvenile Diabetes Research Fund through inter-plant golf scrambles, and raising more than \$10,000 in-plant for the American Heart Association's "Go Red For Women." The plant also assists the Blessings In a Backpack program that helps impoverished elementary school children get fed on weekends throughout the school year.

Employees also helped 21st Century Parks reach its \$120 million campaign goal to create The Parklands of Floyds Fork, one of the largest metropolitan parks in the country.

Honoring veterans

Ford and its employees have a long history of showing respect for the nation's veterans. As far back as 1922, Henry Ford organized a caravan of 50 Model Ts to take disabled World War I veterans to a convention in San Francisco. In September 2011, the U.S. Department of Defense honored Ford with the Employer Support Freedom Award.

Since 1974, Ford has contributed over \$7.3 million to veterans organizations, including \$200,000 last year to Disabled American Veterans. In 2012, as part of Operation Better World, it gave \$10,000 to Interlink Counseling Services to provide a variety of forms of assistance to veterans.

Down the aisle near the end of vehicle assembly at LAP is a large display with hundreds of signatures that commemorates the June 2012 company-sponsored honor flights for 75 World War II veterans from Michigan and Kentucky. This trip, co-sponsored by the UAW and Ford, lets these former soldiers visit the WWII Memorial in Washington, D.C., on the anniversary of D-Day.



Kimberly Hofmann, left, and Katie Van Lunsen of Ford Motor Company congratulate Emily Keaton of Pike County, who won her fourth consecutive Ford Motor Company Kentucky Derby Festival Spelling Bee in March. At right is Chris Murphy, chairman of the spelling bee.

Ford in Louisville



100 Years



Ford is proud to be driving a brighter future in Louisville for 100 years.



driving a brighter future

Here's to the first 100!



From those first days in 1913, when Henry Ford opened a small Model T factory in downtown Louisville, to today, with two highly advanced manufacturing plants employing thousands on the city's outskirts, Ford Motor Co. has been building great cars and trucks in Kentucky.

We are honored to have played a part in Ford's first century in Kentucky, and we look forward to continuing that partnership for another 100 years. Congratulations.

Pictured: The all-new, Louisville-built Ford Escape



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