



Michigan Assembly Plant

Transformed to produce fuel-efficient cars of the highest quality

Flexible manufacturing

Michigan Assembly Plant formerly produced large SUVs like the Ford Expedition and Lincoln Navigator. Today the plant is the most flexible, high-volume and modern manufacturing facility in Ford's global operations. The flexible manufacturing system means Ford can build multiple models on one or more platforms in one plant, responding quickly to customer needs and preferences with minimal retooling.



One platform, multiple models

Thanks to a \$550 million transformation, Michigan Assembly Plant will be the world's first factory to build not only fuel-efficient, gas-powered vehicles, but three versions of electrified vehicles – battery electric, hybrid and plug-in hybrid vehicles.

Today the plant celebrates production of the all-new global Ford Focus. The Focus Electric zero-emission battery electric vehicle is slated to go into production late this year at the plant, followed by production of C-MAX Hybrid and the C-MAX Energi plug-in hybrid in 2012.



Going green

Michigan Assembly Plant is the first in the U.S. to commercially use a "three-wet" paint application that will save about \$3 million in production in natural gas and electricity – all without compromising Ford's paint quality or durability.

Outside the plant, a new 500-kilowatt solar panel system has been installed to generate renewal energy for production of Ford's all-new Focus and Focus Electric. Ten new electric charging stations on the property are being used to recharge the electric trucks that transport parts between adjacent facilities. That saves an estimated 86,000 gallons of gas a year.



Did you know?

- New Focus suppliers are adding 5,500 jobs around the world to produce the next generation of Ford's global car. The all-new Ford Focus has 80 percent global parts commonality and uses 75 percent of the same supply base around the world.
- In the body shop of the plant, 500 new robots capable of 4,000 welds per vehicle add to the plant's flexibility.
- Michigan Assembly Plant is 1.2 million square feet – about the size of 22 football fields.
- The assembly line at Michigan Assembly Plant is three miles long.

