



LINCOLN

2011 LINCOLN MKX

Best-in-Class Power and Fuel Economy

The 2011 Lincoln MKX midsize luxury crossover has 40 more horsepower and best-in-class city (19 mpg) and highway (26 mpg) fuel economy (front-wheel drive). Advanced engine technology helps the 2011 Lincoln MKX pump out 305 horsepower, tops among all V6 competitors. Here's a look at where fuel economy gains were made on the 2011 Lincoln MKX:

Engine improvements The 2011 Lincoln MKX is powered by a 3.7-liter V6 engine with twin independent variable camshaft timing (Ti-VCT). This technology allows on-the-fly adjustment to the engine's valve timing for maximum efficiency

Friction is reduced by piston-cooling jets and polished valvetrain buckets. Both the intake manifold and cylinder heads have been optimized for improved airflow and efficiency. Idle speed was reduced from 620 to 600 rpm

Aggressive deceleration fuel shutoff
This strategy shuts off fuel during deceleration, such as when approaching a traffic light

Battery management
The system allows the battery to be charged or discharged at optimal times instead of allowing the alternator to continuously charge the battery

Aerodynamic improvements
The grille openings were optimized to reduce excess airflow to the engine compartment. Underbody shielding and tire spoilers have been added to help create a more efficient aerodynamic shape

Variable-displacement steering pump Unlike a conventional hydraulic pump, which draws constant power from the engine whenever it is running, this system varies the amount of steering assist based on engine speed, anticipating the driver's need for steering assist

