

All-New 2011 Ford Explorer

Improved fuel economy and more sustainable materials



Explorer is the latest Ford vehicle to use **40 percent soy polyurethane foam** in its seat cushions and seatbacks. Bio-based foam has helped Ford reduce its annual petroleum oil usage by more than 10,500 barrels.



Aerodynamic improvements in the Explorer's sideview mirrors, front air dam and the rear liftgate spoiler help increase fuel efficiency by 4 percent.



Explorer's extensive use of **lightweight high-strength steel** adds durability while reducing weight and improving fuel economy by about 1 percent. The aluminum hood and one-piece composite front bolster save 35 pounds alone.



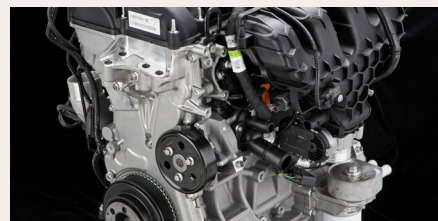
Explorer's **six-speed transmission** offers performance advantages and a fuel economy improvement of 2 percent. Lower gears provide the benefit of improved acceleration from a full stop, while higher gears help increase fuel economy by allowing the engine to operate at lower speeds when cruising.



Explorer uses **25 percent recycled fiber** in its seat upholstery, bolster and carpeting, resulting in an estimated 20 percent reduction in energy consumption, 17 percent waste elimination and 14 percent reduction in CO₂ emissions.



Explorer uses **recycled steel** left over from F-150 production in its noise-dampening fender baffles (see highlighted area), which helps minimize waste and reduces Ford's use of virgin steel by 119 tons over one year of production (approximately 150,000 vehicles).



Explorer's available direct-injection **turbo-charged 2.0-liter four-cylinder EcoBoost™ engine** delivers more than 30 percent better fuel economy without sacrificing capability and performance.



Explorer features a **variable-displacement air-conditioning compressor** that reduces parasitic engine drag, contributing to fuel efficiency improvement.



Explorer's **twin independent variable camshaft timing (Ti-VCT)** helps improve fuel economy by 9 percent and reduces part-throttle emissions, allowing its V6 engine to deliver an estimated 290 horsepower and 255 lb.-ft. of torque.