



# The All-New 2005 Ford Escape Hybrid and Parts, the first Hybrid Vehicle of Its Class

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PR9.NET May 25, 2005 - After Toyota's introduction of the Prius, the first hybrid vehicle, in 1997 which was followed by the debut of Honda Insight two years later in America, General Motors adopted the Hybrid technology to their vehicle with the 2005 Ford Escape Hybrid. The introduction the Escape Hybrid is the first entry of any American vehicle in the market. As to Ford's pioneering model, the Escape is produced on a limited number. 2004 brought only 3000-4000 units of Ford Escape which began its production in late July. About 16,000 to 17,000 units are scheduled to be on the production line in 2005 but with the demand increasingly high, the number might increase.

As the law of supply and demand applies to the Escape, buyers will not get any discounts and rebates for this high-priced SUV ranging from \$26,970 for Front Wheel Drive which can reach up to \$33,000 for a fully optioned vehicle to \$28,595 for the All-Wheel Drive. They have to settle to the idea that they are one of the few owners of this first of its kind SUV.

The 2005 Ford Escape runs on a 4-cylinder gasoline engine with an electric drive system to deliver the performance of a V-6. It is typically an electric car that uses electric power engine to operate. Unlike other hybrid vehicles like Honda Accord which uses IMA or the integrated motor assist which always at the gas mode and kick to electric for additional power when needed, the Ford Escape use electric as long as possible then switch to gas when needed. The electric motor can reach the peak of up to 70 kilowatts for an additional of 93hp.

The American hybrid requires no plug. The battery is a sealed nickel-metal hydride (NiMH) rated at 330 volts, which automatically recharges during long stops or when the gas-engine is running. Its battery performance is like the typical V-6 in terms of speed and acceleration. It uses the electronically controlled, continuously variable transmission (eCVT), which harnesses internal combustion and electric power sources to drive the wheels. Fuel economy increases by 75% in city driving, consuming at about, 36 mpg in city driving and 31 mpg on the highway, better than what Ford expected.

For more information about the 2005 Ford Escape Hybrid, or to its purchase parts, visit <http://www.partstrain.com/ShopByVehicle/FORD> . You can also check out other Ford models like the Ford Aerostar, Aspire, Bronco, Club, Contour, Country, Courier, Clestline, Escort, Expedition, F-series, and other ford vehicles.

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