

Honda Environmental Technology Advances with Honda Accord Hybrid and Honda Fuel Cell Stack

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([PRWEB](#)) April 25, 2005 -- Employing Variable Cylinder Management technology (VCM), Honda Accord Hybrid is the first hybrid vehicle to deactivate three of its engine's six cylinders in certain conditions like highway cruising for greater fuel efficiency without affecting its performance. The new 2005 V6 Accord Hybrid integrates the fuel economy of a four cylinder compact Civic and high-level performance.

Combining VCM with Honda's Integrated Motor Assist hybrid technology, Honda Insight and Civic Hybrid captured four of the top five slots in the EPA 2004 fuel economy ratings. In 2005, Honda-developed fuel cell stack featuring increased performance and fuel efficiency, reduced cost and the capability to start in below freezing temperatures.

Leading the pioneering efforts for the development and application of leading edge environmental technologies including the first Low Emissions (LEV) and Ultra-Low Emissions (ULEV) vehicles and the first commercially certified fuel cell vehicle, Honda now again has proven its innovative ideas.

FCX fuel vehicle powered by the Honda FC stack is the realization of Honda's long held effort of hydrogen-powered vehicles. The Honda FCX then on its launching will be the first and only fuel cell vehicle certified by the EPA and California Air Resources Board for regular commercial use.

Starting and operating a vehicle in cold weather and freezing temperatures is a daunting technical barrier to the mass-market application of fuel cell technology. Honda's answer to this problem is the Fuel Cell stack with its newly developed electrolyte membranes and stamped metal separator structure for improved efficiency, recycle ability, and operation over a greater range of temperatures.

Prior to the FC stack's introduction in the Honda FCX, public road evaluations in the U.S and Japan is on going. Make Honda parts shopping hassle-free and satisfying for you. Partstrain offers the best prices to save you on your next Honda parts purchase. We give you the best value and superior quality Honda parts. Buy from <http://www.partstrain.com/ShopByVehicle/HONDA> and expect fast & reliable shipping of your Honda parts orders. Honda Odyssey 2005 Got Highest Rating for IIHS Frontal Crash Test

Backed by Honda's exclusive Advanced Compatibility Engineering(TM) (ACE(TM)) body structure, the 2005 Honda Odyssey was the best choice from its segment in the recently concluded Insurance Institute for Highway Safety (IIHS) frontal offset crash test.

The IIHS frontal crash tests have the front end of the vehicle hit a deformable barrier at 40 mph. When the vehicle is given a 'good' rating, it means that its front-end structure is able to withstand and manage the crash leaving the occupant compartment largely intact with hardly an intrusion into the driver's space reducing possible injury.

Reinforced frontal frame structures for the ACE body minimizes the probability for cabin intrusion and



potential misalignment of the car's energy absorbing safety structure in the event of a collision between vehicles of varied size and height.

The federal government's top rating of Five Stars for both front-seating positions in the frontal impact test performed by the National Highway Traffic Safety Administration (NHTSA) as a part of its New Car Assessment Program (NCAP) went also to the new 2005 Honda Odyssey.

To keep the company's effort of " Safety for Everyone" Honda Odyssey models is well equipped of the following safety features: dual-stage, dual-threshold driver's and front passenger's airbags, front side airbags with an Occupant Position Detection System, anti-lock brakes, side curtain airbag protection (with rollover sensor) for all three rows, Vehicle Stability Assist with Traction Control.

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