





## 2010 North American International Auto Show DENSO Photo Index and Cutlines

	<p><b>Remote Touch Controller</b> To help reduce the time a driver's eyes are off the road, DENSO has developed a new user-friendly, human machine interface (HMI) called the Remote Touch Controller. The device, similar to a computer mouse and located in the vehicle's center console, allows drivers to remotely control cabin equipment, such as in-vehicle navigation, stereo and other controls.</p>
	<p><b>TFT Instrument Cluster with Night Vision</b> DENSO's TFT (thin film transistor) reconfigurable instrument cluster features an integrated night vision system.</p> <p>(Top: Normal mode. Bottom: Night vision mode)</p>
	<p><b>Battery Monitoring Unit for Lithium-ion Batteries</b> DENSO's new battery monitoring unit uses a newly developed voltage control method that has a simpler and lower cost voltage control circuit, compared to the widely used voltage control method used in laptop computers and other hardware.</p>
	<p><b>Permanently Engaged Starter for Start and Stop Systems</b> DENSO's permanently engaged starter for start and stop systems achieves a quicker, smoother and quieter engine restart. In North America, demand for this system is expected to grow in the near term as fuel economy regulations become more stringent.</p>
	<p><b>Smaller Air Conditioning Unit for Compact Cars</b> DENSO's new air conditioning unit for compact cars is 20 percent smaller than conventional units. The new air conditioning system is installed on Toyota's compact car, the "iQ."</p>

	<p><b>Passenger Vehicle Air Conditioning System Using an Ejector</b> DENSO's air conditioning system using ejector technology helps reduce the compressor's power consumption by about 25 percent, compared to conventional air conditioning systems. This technology helps improve fuel economy while running the air conditioning.</p>
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