



**Immediate Release**  
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**BORGWARNER SUPPLIES CHINA'S FIRST**  
**VTG TURBOCHARGER AND TORQUE-ON-DEMAND® TRANSFER CASE**  
**FOR GREAT WALL MOTOR COMPANY**

*BorgWarner Technologies Improve Performance and Fuel Economy  
for Great Wall Motor's First Self-Designed 2.0-Liter Diesel Engine  
Featured in the New Hover/Haval H5 SUV*

Auburn Hills, Michigan, June 3, 2011 – For the first time, BorgWarner's variable turbine geometry (VTG) turbochargers and Torque-On-Demand® (TOD®) transfer cases, featuring a proprietary electronic control unit and software, are available in China. Great Wall Motor Company, one of China's largest vehicle makers, introduced these advanced technologies in the new 2.0-liter Hover/Haval H5 sports-utility vehicle (SUV). This engine also utilizes BorgWarner's self-regulating glow plugs and exhaust gas recirculation (EGR) valves. The turbocharged diesel engine will also be available in the light commercial vehicle and medium car segment soon.

"BorgWarner's advanced turbocharging and emissions technologies enable Great Wall Motor's new diesel engine to meet stringent emissions standards with excellent fuel economy, while our advanced all-wheel drive technology improves traction and enhances stability for a safer, more comfortable overall driving experience," said Timothy M. Manganello, Chairman and Chief Executive Officer, BorgWarner. "With our strong local presence in China, we can support domestic OEMs like Great Wall Motor as they develop globally competitive powertrains, offering options that were previously only available on imported vehicles."

For its first self-designed diesel engine, Great Wall Motor relied on BorgWarner's proven VTG turbocharging expertise to boost fuel efficiency and power output while reducing emissions, helping the engine comply with Euro 4 emissions standards and achieve an average fuel consumption of 34 mpg (6.8 liters/100 km). In addition, a

BorgWarner EGR valve with a brushless DC motor actuator delivers precise, responsive flow control combined with high flow capability and excellent sealing, enabling the engine to meet stricter emissions standards by allowing increased EGR rates.

BorgWarner's patented TOD® transfer case delivers on-demand all-wheel drive traction on combining the all-terrain capability of an SUV with the on-road handling of a passenger car. Using BorgWarner's proprietary electronic control unit (ECU) and software, TOD® transfer cases automatically switch from two-wheel drive to four-wheel drive and back without driver intervention for improved traction, enhanced stability and comfort.

BorgWarner also supplies self-regulating glow plugs for quick, reliable and environmentally friendly diesel engine starting even in very low temperatures.

### **About BorgWarner**

Auburn Hills, Michigan-based BorgWarner Inc. (NYSE: BWA) is a product leader in highly engineered components and systems for vehicle powertrain applications worldwide. The company operates manufacturing and technical facilities in 59 locations in 19 countries. Customers include VW/Audi, Ford, Toyota, Renault/Nissan, General Motors, Hyundai/Kia, Daimler, Chrysler, Fiat, BMW, Honda, John Deere, PSA, and MAN. The Internet address for BorgWarner is: <http://www.borgwarner.com>.



A first in China, BorgWarner supplies variable turbine geometry (VTG) turbochargers and Torque-On-Demand® (TOD®) transfer cases for the 2.0-liter diesel Hover/Haval H5 sports-utility vehicle (SUV) from Great Wall Motor Company.

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