



Immediate Release

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**BORGWARNER SUPPLIES TURBOCHARGING TECHNOLOGIES**  
**FOR FIRST GDI ENGINE DESIGNED BY BYD AUTO IN CHINA**

*BorgWarner Helps BYD Auto's First Turbocharged Engine  
Comply with Euro 5 Emissions Standards*

Auburn Hills, Michigan, June 27, 2012 – BorgWarner is providing its leading turbocharging technology for Build Your Dreams (BYD) Auto's 1.5-liter gasoline direct-injection (GDI) engine, the first developed in-house by a domestic Chinese company. Boosted by BorgWarner's KP39 turbocharger, the inline four-cylinder engine achieves a power output of 154 HP (113 kW) and a maximum torque of 240 Nm (177 lb.-ft.), providing improved fuel economy compared with its predecessor and helping the engine comply with Euro 5 emissions standards. BYD Auto recently launched the engine in its G6 sedan, the top-selling mid-sized sedan in China's domestic market. The fuel-efficient engine featuring BorgWarner's turbocharging technologies is also available for other models.

"BorgWarner's advanced turbocharging technologies for downsized gasoline engines help domestic manufacturers meet stringent emissions regulations while delivering powerful performance and fuel economy," said Frederic Lissalde, President and General Manager, BorgWarner Turbo Systems Passenger Car Products. "We are pleased to supply our leading technologies to BYD Auto."

For its first self-designed turbocharged GDI engine, BYD Auto relies on BorgWarner's turbocharging technology to make its 1.5-liter engine as powerful as a naturally aspirated 2.4-liter engine. To withstand the high exhaust temperatures of gasoline engines, the pneumatically actuated KP39 turbocharger is equipped with a water-cooled bearing housing. As a result, the engine provides smooth acceleration over the entire engine speed range.

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## About BorgWarner

Auburn Hills, Michigan-based BorgWarner Inc. (NYSE: BWA) is a technology leader in highly engineered components and systems for powertrain applications worldwide. Operating manufacturing and technical facilities in 59 locations in 19 countries, the company develops products to improve fuel economy, reduce emissions and enhance performance. Customers include VW/Audi, Ford, Toyota, Renault/Nissan, General Motors, Hyundai/Kia, Daimler, Chrysler, Fiat, BMW, Honda, John Deere, PSA, and MAN. For more information, please visit [borgwarner.com](http://borgwarner.com).



BorgWarner's KP39 turbocharger helps BYD Auto's first turbocharged engine comply with Euro 5 emissions standards.

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