



## **BorgWarner's Customized Dual-clutch and Control Modules Enable Higher Fuel Efficiency for Great Wall Motors**

- *Feature tunable launch characteristics and scalable torque capacity in a compact, modular design*
- *Improve fuel efficiency and driving experience*
- *Assist Great Wall Motors with its growth in the Chinese automotive market*

Auburn Hills, Michigan, May 16, 2017 – BorgWarner offers customized DualTronic™ clutch and control modules using advanced solenoid valves and friction materials for Great Wall Motors' (GWM's) self-developed wet dual-clutch transmission (wet DCT). Designed to improve fuel efficiency and provide a dynamic driving experience, BorgWarner's state-of-the-art dual-clutch module and control module feature improved heat resistance, scalable torque capacity and tunable launch characteristics. GWM's specially designed 7-speed wet DCT will initially be available for GWM models such as the just-launched WEY and other popular vehicle models.

"With increasingly stringent emissions standards and higher fuel economy requirements, many Chinese domestic automakers are embracing technologies that offer greater fuel efficiency and environmental benefits," said Robin Kendrick, President and General Manager, BorgWarner Transmission Systems. "This March, we began mass production of our customized dual-clutch and control modules for GWM. We are pleased to help our customers meet China's energy saving and environmental protection policies by providing professional technology support. Since we reached a strategic partnership with GWM in 2013, BorgWarner has been dedicated to assisting GWM with its growth in the Chinese automotive market. We will continue to work closely with GWM to help achieve their future goals."

BorgWarner's DualTronic clutch module uses two wet clutches to engage the even and odd gears respectively, enabling quick shifts within fractions of a second without any noticeable interruptions of power flow and providing an improved driving experience. Featuring a specially developed groove design, the module's advanced multi-segment wet friction materials provide improved heat resistance while delivering high torque capacity and reliable operation over the transmission's lifetime. Using compact electro-hydraulic solenoid valves, the control module

precisely regulates the clutch as well as the transmission's gearshift actuation system for dynamic performance. Its compact and modular design also contributes to fuel efficiency by reducing the length and weight of the gearbox. By improving fuel efficiency, DualTronic technology also contributes to reduced emissions.

### About BorgWarner

BorgWarner Inc. (NYSE: BWA) is a global product leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles. With manufacturing and technical facilities in 62 locations in 17 countries, the company employs approximately 27,000 worldwide. For more information, please visit [borgwarner.com](http://borgwarner.com).



BorgWarner's advanced DualTronic™ clutch and control modules contribute to improved fuel efficiency and dynamic performance for numerous vehicles from Great Wall Motors.

Statements contained in this press release may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current outlook, expectations, estimates and projections. Words such as "anticipates," "believes," "continues," "could," "designed," "effect," "estimates," "evaluates," "expects," "forecasts," "goal," "initiative," "intends," "outlook," "plans," "potential," "project," "pursue," "seek," "should," "target," "when," "would," variations of such words and similar expressions are intended to identify such forward-looking statements. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. Such risks and uncertainties include: fluctuations in domestic or foreign vehicle production, the continued use by original equipment manufacturers of outside suppliers, fluctuations in demand for vehicles containing our products, changes in general economic conditions, as well as other risks noted in reports

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that we file with the Securities and Exchange Commission, including the Risk Factors identified in our most recently filed Annual Report on Form 10-K. We do not undertake any obligation to update or announce publicly any updates to or revision to any of the forward-looking statements.

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