News Release

# BorgWarner Expands Product Leadership with Gasoline VTG Turbocharger for the Mass Market

- *Proven in high-performance sports cars, now available for a wide-range of gasoline-powered vehicles*
- *Optimized design and materials based on latest VTG technology*
- *Improves transient behavior, fuel economy and performance while reducing emissions*

*Auburn Hills, Michigan, March 2, 2017* – BorgWarner has developed specialized variable turbine geometry (VTG) turbochargers for a broad range of gasoline-powered vehicles. Perfectly matched to new combustion systems which will also be used in hybrid applications, the company's advanced solution is a core component of clean and efficient future propulsion systems. Combining cost efficiency and excellent performance, BorgWarner has now further optimized the design and materials of its new gasoline VTG turbocharger, which responds quickly at low engine speeds for almost instant acceleration.

Ten years after having introduced the world's first mass-produced gasoline engine boosted by a VTG turbocharger in cooperation with a German premium sports car manufacturer, BorgWarner´s gasoline VTG has entered the mass-market successfully.

"Regarding the ever-increasing requirements in efficiency and emissions, BorgWarner forecasts great market potential for our leading gasoline VTG technology," said Frédéric Lissalde, President and General Manager, BorgWarner Turbo Systems. "By adapting our advanced solution for the mass market, we drive downsizing and downspeeding to support our customers in developing clean, economical and powerful future vehicles, and we expect to further strengthen our attractiveness as a leading supplier of innovative turbocharging solutions."

BorgWarner optimized the materials and the design of its VTG turbocharger for higher resilience to withstand the high thermal loads of a gasoline engine and allow reliable operation even under the toughest conditions. In addition, the latest VTG technology features a robust electric actuator that controls the pressure upstream of the turbine, rapidly and precisely adjusting the guide vanes for nearly instant acceleration and optimum power output. By changing the inflow

angle and speed at the turbine wheel inlet, BorgWarner's patented S-shaped guide vanes regulate the VTG turbine output, improving thermodynamics and engine response at very low rpm. The advanced gasoline VTG technology enables excellent response and smooth power delivery while enhancing fuel efficiency and reducing emissions for a wider range of vehicle segments.

**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.

BorgWarner's gasoline VTG turbocharging technology serves the increasing global demand for fuel-efficient high-performance engines across a wide range of vehicle segments to contribute to a cleaner environment.

Statements contained in this news 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

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