



## **10 Millionth Pressure Sensor Glow Plug – BorgWarner Celebrates Production Milestone**

- *Improves fuel economy and reduces NO<sub>x</sub> emissions*
- *Increases engine performance and provides advanced combustion control*

Auburn Hills, Michigan, February 21, 2017 – BorgWarner has produced its ten millionth pressure sensor glow plug (PSG) for diesel engines. The company's intelligent cold-start solution combines a highly efficient glow plug with an integrated pressure sensor to help automakers improve engine efficiency and performance while complying with current and future emissions regulations.

BorgWarner's PSG was the first of its kind to enter series production and has won several awards, such as the Automechanika Innovation Award and the Automotive News PACE Award.

"BorgWarner's PSG has come a long way since its debut in 2008. With ten million units delivered to automakers around the globe, our glow plug technology is an outstanding example of the high quality and wide customer acceptance of BorgWarner's leading cold-start technologies," said Joe Fadool, President and General Manager, BorgWarner Emissions & Thermal Systems. "We want to thank our team for their dedication and exceptionally hard work in supporting our vision of a clean and energy-efficient world."

BorgWarner's PSG combines a durable steel heating rod, which only glows at the tip, with a piezo-resistive pressure sensor. The integrated sensor allows the regulation of the combustion processes inside a closed-loop system. To adjust fuel injection quantity and timing in real time for each cylinder, the combustion pressure sensor reports data to the engine control unit. In addition, with its robust mechanical design, the PSG is engineered to resist the extremely high temperatures, strong vibrations and extreme pressure conditions in the cylinder head. Its advanced design enables automakers to implement higher peak pressures in downsized engines and push combustion processes even closer to their limits while obtaining stable emissions control to meet current and future regulations.

## 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 has produced ten million pressure sensor glow plugs for numerous automakers worldwide to improve performance and reduce emissions for diesel engines.

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 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 reports 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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