BorgWarner’s eBooster® Electrically Driven Compressor Celebrates Premiere

- Nearly instant boost and torque for a fun-to-drive-experience
- Enables small-engine fuel economy with big-engine boost
- Improves performance for combustion and hybrid vehicles

Auburn Hills, Michigan, April 28, 2017 – BorgWarner, a global leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles, debuts its 48-volt eBooster® electrically driven compressor in Daimler’s latest 3.0-liter gasoline engine. The engine will feature the eBooster technology matched with a BorgWarner-supplied turbocharger to improve fuel efficiency, enhance low-end torque and deliver boost on demand without any perceptible turbo lag.

“Our market-leading eBooster technology enables 6-cylinder engines to deliver the same performance and even more fun-to-drive experience as a much larger conventional V8,” said Frédéric Lissalde, President and General Manager, BorgWarner Turbo Systems. “By enabling engine downsizing, eBooster technology improves fuel efficiency by 5 to 10 percent in combustion and hybrid vehicles.”

BorgWarner’s eBooster electrically driven compressor delivers boost on demand until the turbocharger takes over, improving boost at low engine speeds and nearly eliminating turbo lag. Featuring a brushless DC motor, durable samarium-cobalt magnets and highly efficient power electronics, the compact eBooster technology offers automakers flexible packaging options and can be adapted to a wide range of hybrid or combustion applications.

Mass production of BorgWarner’s eBooster solution is currently ramping up with the innovative system launching first with three global automakers, including Daimler.

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 eBooster® electrically driven compressor contributes to enhanced performance and improved fuel efficiency.

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