

## BORGWARNER TIMING SYSTEMS CONTRIBUTE TO THE 2011 JEEP® GRAND CHEROKEE'S AWARD-WINNING QUIET RIDE

Auburn Hills, Michigan, February 16, 2011 – BorgWarner's engine timing system with silent chain technology is one of many technologies that contribute to the 2011 Jeep® Grand Cherokee's award-winning quiet ride. The SUV was named Best Performer—Interior Sound Level in *Car and Driver* magazine's list of 10 Best Cars for 2011. Driven by the Chrysler Group LLC's all-new 3.6-liter Pentastar V6 engine—which was also recently named one of Ward's 10 Best Engines—the 2011 Jeep® Grand Cherokee recorded an interior sound level of only 64 dBA at 70 mph, the lowest of over 40 vehicles tested.

"Reducing noise, vibration and harshness (NVH) was a top goal for the Chrysler Group during engine development. Through extensive modeling and testing, BorgWarner achieved their aggressive goals, providing a timing system that delivers quiet, durable performance," said James Verrier, Vice President of BorgWarner Inc. and President and General Manager, BorgWarner Morse Tec. "We are pleased to contribute to the low NVH in this remarkable engine. Congratulations to the Chrysler Group for achieving the quiet ride drivers will value."

For the Jeep® Grand Cherokee, BorgWarner Morse TEC's timing system uses its industry-leading silent chain technology and system tuning to achieve superior performance, precision cam timing and durability. This technology, combined with joint development between Chrysler Group and BorgWarner engineers, helped optimize the Pentastar system's layout and performance, resulting in lower chain tensions, improved engine efficiency and reduced NVH for a quiet driving experience.

## **About BorgWarner Morse TEC**

BorgWarner Morse TEC is a world-leading designer and producer of systems and components for engine timing and drivetrain applications on passenger cars, trucks and power sport vehicles. Key technologies include fully integrated engine timing systems,

BorgWarner Inc. (BorgWarner Timing Systems Contribute to the 2011 Jeep® Grand Cherokee's Award-Winning Quiet Ride) – 2

advanced drivetrain and HY-VO® power transmission chains, and innovative variable cam timing (VCT). BorgWarner Morse TEC provides low friction, durable, economical systems with low noise, vibration and harshness (NVH) to deliver improved fuel economy, reduced emissions and better performance.

## **About BorgWarner**

Auburn Hills, Michigan-based BorgWarner Inc. (NYSE: BWA) is a product leader in highly engineered components and systems for vehicle powertrain applications worldwide. The company operates manufacturing and technical facilities in 60 locations in 18 countries. Customers include VW/Audi, Ford, Toyota, Renault/Nissan, General Motors, Hyundai/Kia, Daimler, Chrysler, Fiat, BMW, Honda, John Deere, PSA, and MAN. The Internet address for BorgWarner is: http://www.borgwarner.com.

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