

News Release



BorgWarner's New Electro-Mechanical On-Demand Transfer Case Powers 2019 Ram 1500 4x4 Pickup Trucks

- *Delivers faster response and higher torque output*
- *Allows easier traction calibration and vehicle integration*
- *Scalable for small SUVs to heavy-duty pickup trucks*

Auburn Hills, Michigan, March 27, 2018 – BorgWarner debuts its Electro-Mechanical On-Demand (EMOD) transfer case on the 2019 Ram 1500 4x4 pickup truck. Building on BorgWarner's proven Torque-On-Demand® clutching system, the new EMOD technology delivers faster response and higher torque output for better on- and off-road performance. For automakers, the scalable system offers easy traction calibration and integration for a variety of vehicles, from small SUVs to heavy-duty pickup trucks.

"BorgWarner's new EMOD transfer case features unmatched clutch control and actuation capabilities," said Dr. Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems. "BorgWarner has supplied on-demand transfer cases to Ram since 2010. We are proud to introduce our latest advancements in the next-generation Ram 1500."

The heart of BorgWarner's new EMOD transfer case is a motor-driven rotational cam mechanism which provides both robust clutch control and range shift function. The active clutch actuation technology delivers higher torque output, linear clutch response and pre-emptive clutch locking torque with zero rear wheel spin. For hill parking, the system offers the capability to hold front/rear locking torque when the ignition is off. In addition, the EMOD transfer case is equipped with BorgWarner's HY-VO® driveline chain, optimized for high efficiency and durable performance.

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 66 locations in 17 countries, the company employs approximately 29,000 worldwide. For more information, please visit borgwarner.com.



BorgWarner's latest all-wheel drive transfer case features new Electro-Mechanical On-Demand (EMOD) technology to deliver faster response and higher torque output for better on- and off-road performance.

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