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## **Amsted Automotive Showcases Advanced Motor-on-Caliper Brake Piston Manufacturing at 2025 SAE Brake Colloquium**

**Southfield, MI** – Amsted Automotive will highlight its unique technical advantages in manufacturing brake pistons for motor-on-caliper (MOC) applications—the fastest-growing segment in vehicle brake technology—at the 2025 SAE Brake Colloquium.

“Brake technology is rapidly evolving to support hybrid, brake-by-wire systems and electrified applications,” said Bill Kerfin, President of Amsted Automotive. “Our U.S.-based manufacturing, cold forming processes, and deep engineering expertise position us to deliver the next generation of brake pistons with unmatched performance and reliability.”

Unlike most suppliers in North America, Amsted manufactures brake pistons in the United States using U.S.-sourced steel, delivering supply chain security and local production advantages. The company leverages decades of precision engineering expertise and proprietary net-forming capabilities to deliver better-performing, more efficient finished brake pistons as well as other components.

Key Amsted advantages for motor-on-caliper brake pistons include:

- Net-forming expertise – Ability to produce a one-piece brake piston with complex geometric internal structure that precisely mates with electric and hybrid drive systems
- Reliability – Eliminates leak paths inherent in multi-piece designs
- Process efficiency – Superior material utilization and optimized tooling design for high-volume, low-cost production
- Capacity – One of the few North American suppliers with proven capability to support programs in the customer’s region

In addition to its leadership in motor-on-caliper technology, Amsted will also demonstrate its manufacturing strengths in traditional large and small cup brake caliper pistons, highlighting reduced material requirements, precise tolerances, and consistent quality.

The 43rd Annual SAE Brake Colloquium & Exhibition will be held September 21–24, 2025, at DeVos Place, 303 Monroe Ave NW, Grand Rapids, Michigan.

Amsted Automotive invites SAE Brake Colloquium attendees visit booth #214 to learn more about its full range of brake piston solutions and advanced manufacturing capabilities.

**About Amsted Automotive**

Amsted Automotive was formed in 2021 through the integration of Burgess-Norton, Means Industries, Transform Automotive and SMW Manufacturing. With 21 facilities across North America, Europe, and Asia, the company supports global automotive, off-highway, and mining industries — producing over 200 million components and assemblies annually. Amsted Automotive is a leader in advanced metal-forming, cold-forming and powder metal technologies, as well as innovative propulsion solutions for electrified, hybrid and internal combustion engine powertrain systems. With global manufacturing including 13 U.S.-based facilities, Amsted minimizes tariff risks and supply delays through its ability to manufacturer in the customer's region.

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