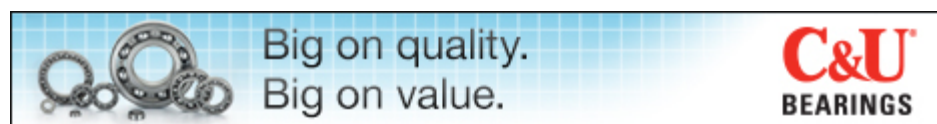


From: SAE Customer Service
Sent: Monday, August 26, 2013 2:38 PM
To: Stephanie Stroud
Subject: AEI Powertrain Technology eNewsletter August 2013

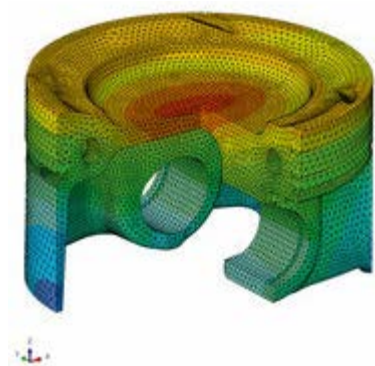
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GM's new 1.0-L turbocharged triple aims for benchmark NVH

Coupled with a new 6-speed manual gearbox, the new gasoline triple goes into the 2014 Opel/Vauxhall Adam city car, among other models.

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Federal-Mogul upgrades simulation and testing to meet engine downsizing

Extensive simulation and highly focused testing facilities are proving vital to enable Federal-Mogul to successfully keep pace with new demands placed by OEMs on engine components' suppliers.

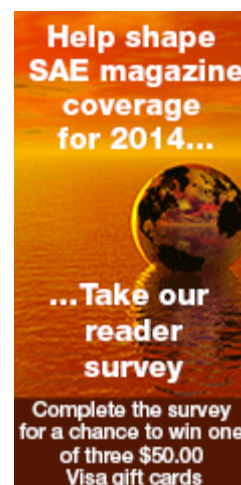
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Torotrak R&D spawns flywheel, hybrid innovations

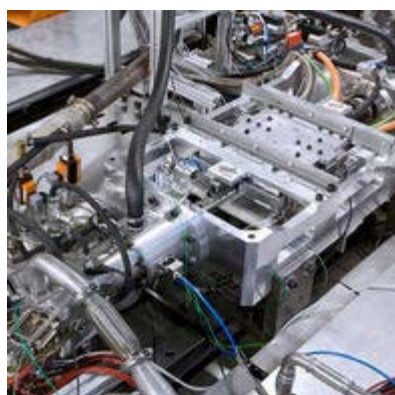
The small U.K. engineering company's new focus is enabling it to help customers establish the technical and commercial viability of new technologies. [Read full story](#)





'Valve-by-wire' gives a lift to combustion technology

Intelligent Valve Actuation is claimed to overcome the limitations of previous variable valve control systems via the combination of high-speed digital control and desmodromic valve operation. [Read full story](#)



Free-piston IC generator developed for range-extender hybrids

In this engine developed at Germany's DLR, pistons cycle back and forth through a linear generator to augment battery power. [Read full story](#)

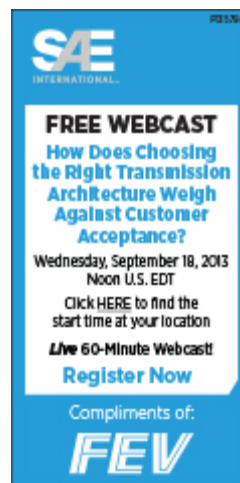
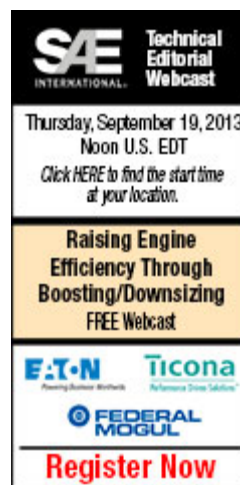
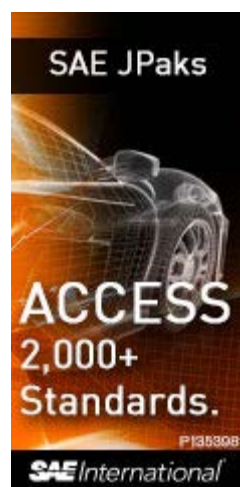


Vision system performs 100% inspection in high-volume valve cover production

To deliver 100% CMM-like inspection for high-volume automotive component manufacturing, a supplier of V6 valve covers tapped HAHN Automation to design and build an inspection system that relies on machine vision. [Read full story](#)

Audi pushes ahead on plug-ins, 10-speeds, fuel cells, and more

Audi's outgoing R&D boss Wolfgang Dürheimer discusses the technology roadmap in this AEI interview. [Read full story](#)





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