

**Noise and Vibration Control White Paper  
for Automotive Engineers Now Available**

For Immediate Release  
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(Indianapolis, IN) Automotive engineers seeking to build cost-effective noise and vibration controls into their auto designs can obtain a systematic and concise tutorial outlining the four principal tools for noise and vibration control (damping, isolation, absorption and barrier materials), authored by E-A-R Specialty Composites (E-A-R). E-A-R, arguably the world leader in composite/elastomer engineering and product development for handling noise, vibration, comfort, thermal requirements and/or shock, hopes that the "The Four-Fold Method of Noise and Vibration Control" white paper will help automotive engineers get a better understanding of how passive acoustical systems can best be used to improve auto designs at the lowest cost.

George Gabuzda, Senior Director of E-A-R comments, "Whether automotive engineers are attempting to retrofit noise and vibration controls into existing products, or considering new product designs, it pays to have a better handle on basic principles that affect choices of materials for noise or vibration controls. Because E-A-R manufactures the broadest selection of materials for noise and vibration controls available from a single source, we usually can offer automotive engineers a wider selection of choices for noise and vibration controls than is expected. Choosing the right materials for a particular noise or vibration problem does not require magic, but can sometimes be tricky. Through many years of partnering with automobile manufacturers to solve noise and vibration problems, E-A-R's engineers know both the usual noise sources in automobile designs, and how to efficiently diagnose the specific acoustic signature of a particular model. E-A-R authored "The Four-Fold Method of Noise and Vibration Control" to help automotive engineers gain a better understanding of underlying design issues that impact noise and vibration control."

"The Four-Fold Method of Noise and Vibration Control" tutorial is 8 pages in length and can be obtained at no charge at <http://www.earsc.com/pdfs/engineering/4foldWP.pdf>, or by writing to [solutions@earsc.com](mailto:solutions@earsc.com), or phoning 877 - 327 - 4332.

E-A-R Specialty Composites ([www.earsc.com](http://www.earsc.com)) manufactures proprietary, high performance plastics and foams—vinyls, urethanes and rubbers—for noise control, vibration isolation and damping, cushioning and ergonomics. E-A-R Specialty Composites maintains headquarters and a production facility in Indianapolis, Indiana, a plant in Newark, Delaware, near Philadelphia, and additional sales, engineering and design support in Asia.

Product inquiries can be called in to 877-327-4332 or sent to [solutions@earsc.com](mailto:solutions@earsc.com), or via post to E-A-R Specialty Composites, 7911 Zionsville Road, Indianapolis, IN 46268.

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