



magnet news

new directions in magnets...

Case Study-004



ENEFLUX ARMTEK MAGNETICS, INC.

EAM Design and Innovation Improves Product, Extends Warranties for Tier 1 Commercial Automotive Supplier

Our research, development and QC is on the move...

Technology that other vendors couldn't supply was developed by EAM. Here's what we did to provide the solution...

Tier 1 automotive suppliers are under constant pressure from their high profile customers to improve their products and extend their warranties. In this case, a manufacturer of transmissions, brakes, and axles for commercial vehicles needed to cut costs while extending the warranty on their parts to 1,000,000 miles!

They contacted EAM to see if there was any way they could improve the magnetic chip collector design they



were already using. They needed to come up with a more efficient and longer lasting solution. Of course, they needed to accomplish this while keeping costs to a minimum.

EAM design specialists visited the customer's plant in order to analyze and improve the chip collection system the customer was using. We worked with them to design and implement new test criteria which could be used to determine how well the new system was - or wasn't - working.

EAM redesigned the magnetic chip collection system, reconfiguring the placement of the magnetic components. The magnetic material itself was also changed to a

...to keep pace with leading technologies.

Ceramic / Hard Ferrite Grade 8 component, allowing for optimal strength while withstanding the elevated temperatures present in the axle, transmission and other drain plug areas.

The results spoke for themselves — improved performance, tremendous cost savings, and most importantly, the customer was able to extend their warranty to the automotive customers they serve!

The customer was so pleased with the result that they presented EA Magnetics with their most prestigious vendor award for the cost reduction we provided, as well as our contribution to the overall success and development of their business.

Product Spotlight

EA Magnetics is positioned to respond to the complex requirements of the world's most demanding customers. Our application experts **routinely re-examine and re-design** parts that can make all of the difference, in production, after sale reliability and your bottom line. Contact us with your requirements.

www.EAMagnetics.com

Service • Selection • Competitive Pricing

Toll-Free: (877) ENEFLUX • (877) 363-3589

Tel: (516) 576-3434 • Fax: (516) 349-5522

Email: info@enecon.com

700 Hicksville Road • ENECON Center Suite 110 • Bethpage, NY 11714

