

Brief

Stamping Ideas Into Reality

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Are You Still Welding?

It is true that one of the most common ways to join two pieces of metal is welding. But, while it may be the familiar method, it is not the most efficient or the most cost effective, according to Tim Zeigler, Vice President of Business Development. "Our design engineers work with our customers to redesign their metal stamping and eliminate costly secondary operations. One of these costly secondary operations may be welding."

Zeigler explains that Die-Tech offers a team of design engineers who consult with their clients. "When our customers choose us, they work with an experienced [team of engineers and technicians](#) focused on studying the requirements of their project and developing the best solution to fit their needs. After the design engineers have identified and analyzed each step in our customer's manufacturing process, it is often possible for them to recommend the elimination of one or more steps in that process."

Recently, the Die-Tech design team consulted with an automotive parts manufacturer that makes inductor sensors. The customer's production process used metal stampings, over molded, with ultrasonic welding. The Die-Tech design team recommended a single piece rather than two metal stampings and eliminated the ultrasonic welding and over molding operations. The elimination of these two steps resulted in a total parts cost savings of 25%. "This is one of many examples which illustrate how we bring value to our customers," states



Zeigler. "We help our customers save on production costs so they are better able to gain market share and compete in the global marketplace."

Zeigler adds that [creative design options](#), which eliminate the welding process, have a broad-based appeal and application. He identifies the medical, consumer appliance, aerospace and telecommunications industries as well as the automotive industry.

"It's all about knowing your customers' requirements and thinking out of the box," admits Zeigler. "There are more possibilities than most people can imagine."

To what extent are you committed to product and process improvement? Invite Die-Tech's Business Development Engineers in to help you explore the possibilities; we are only a phone call or click away.

Win a gift certificate! Send your suggestions for Die-Tech product improvements to ideabox@die-tech.com and you will be entered in our quarterly drawing for \$50.00.

For further information: Website: www.die-tech.com Phone: 717 938 6771 Email: stamping@die-tech.com