

# BELZONA SAVES AUTO INDUSTRY A CHUNK OF CASH

ID: 432

Industry: General Industry

Customer Location: Auto Manufacturing Plant in Missouri,  
U.S.A.

Application: MPT-Mechanical Power Transmission

Application Date: September 2003

Substrate: Steel

Products: \* Belzona® 1111 (Super Metal) ,

## Problem

Worn cylinders - welding robot control



## Photograph Descriptions

- \* Equipment - welding robot ,
- \* Worn cylinder ,
- \* Almost there ,
- \* Completed job ,

## Application Situation

Worn shaft

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

Welding robot control cylinder is simply a spring loaded shaft inside a housing. It controls the movement of the welder to and from the work - (slow going in, very quick return). Once the cylinders became worn, like the one in the photo, the whole assembly was

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve

replaced at a cost of \$3,500. The Belzona in-situ repair cost less than 5% of the replacement. There are 400 welders in the production line with two cylinders each.

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