

BELZONA SAVES AUTO INDUSTRY A CHUNK OF CASH

CUSTOMER

Auto Manufacturing Plant in Missouri, U.S.A.

APPLICATION DATE

September 2003

APPLICATION SITUATION

Worn shaft

PROBLEM

Worn cylinders - welding robot control

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

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 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.

PICTURES

1. Equipment - welding robot
2. Worn cylinder
3. Almost there
4. Completed job



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



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