

# BELZONA RAM REPAIR = BIG SAVINGS

ID: 5603

Industry: *General Industry*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Nashville, TN, USA*  
Application Date: *May 2015*

Substrate: *Chromed Steel*  
Products: *\* Belzona 1111 (Super Metal) ,*

## Problem

*Damaged ram was allowing hydraulic fluid to leak.*



## Photograph Descriptions

- \* Damage to the ram ,
- \* Cleaning up the edges with a Dremel ,
- \* Belzona 1111 post application/waiting to cure ,
- \* Completed application to ram and ready for service ,

## Application Situation

Hydraulic ram suffering scars in 3 places from being repeatedly struck against the side of a dumpster. Customer was looking for an alternative to replacing the expensive ram.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-3. We used a handheld drill and drill press to square the corners and a die grinder and dremel tool to clean up the edges. A propane torch was used to sweat out residual oil both before and after drilling and grinding. Brake cleaner was used for a final cleanup before application.

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.

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## Belzona Facts

The alternative was replacement of the \$1800 hydraulic ram. The customer used about \$40 of Belzona 1111 and a couple of hours of labor for a savings of over \$1700.

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