

## Simplicity Keeps Automotive Welding Line Running

Rockford, IL – July 7, 2009

The automotive production line centers around several machines all working together with production workers to ensure high production rates and quality. A kink in this chain can halt production and greatly increase costs to a staggering level. PBC Linear was recently called in to a major automotive manufacturer to devise a solution to crashing welding guns on the manufacturer's production line.

When the manufacturer contacted PBC Linear, the welding guns were running on conventional linear shafting and ball-bearing technology. Welding slag particulate collected along the shafting, causing the system to fall off track and machine inaccurately. The slag build-up also caused the bearings to stall, seize up, and catastrophically fail—resulting in unplanned downtime and skyrocketing production costs.

PBC Linear recommended their proven **Simplicity**® linear bearings and highly accurate shafting. Equipped with **FrelonGold**® liner to allow for a high tolerance against contamination, heat, and shock vibration, the self-lubricating **Simplicity**® bearings were well-suited for the welding application. The automotive manufacturer recommended installing the parts in the two welding guns with the history of the highest slag accumulation. Eight months later, the manufacturer reported PBC Linear's shafting looks as it did the day it was installed! The **Simplicity** bearings harmlessly wiped the slag and other contaminants off the shaft—promoting smooth and long-lasting linear motion.



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**EDITORIAL CONTACT:**

**Zach Olson** - Marketing Assistant  
(815) 389-5659 • (800) 962-8979  
zach.olson@pbclinear.com

**LINEAR MOTION SOLUTIONS**

6402 E. Rockton Road  
Roscoe, IL 61073 USA  
www.pbclinear.com

# NEWS RELEASE



With 150 other welding machines using the competitors failing ball bearings, PBC Linear was asked to install their replacement system on the remaining welding guns. For more information on **Simplicity bearings** or any other PBC Linear products, please call 1.800.729.9085, email to [marketing@pbclinear.com](mailto:marketing@pbclinear.com) or visit us at [RST.pbclinear.com](http://RST.pbclinear.com).



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