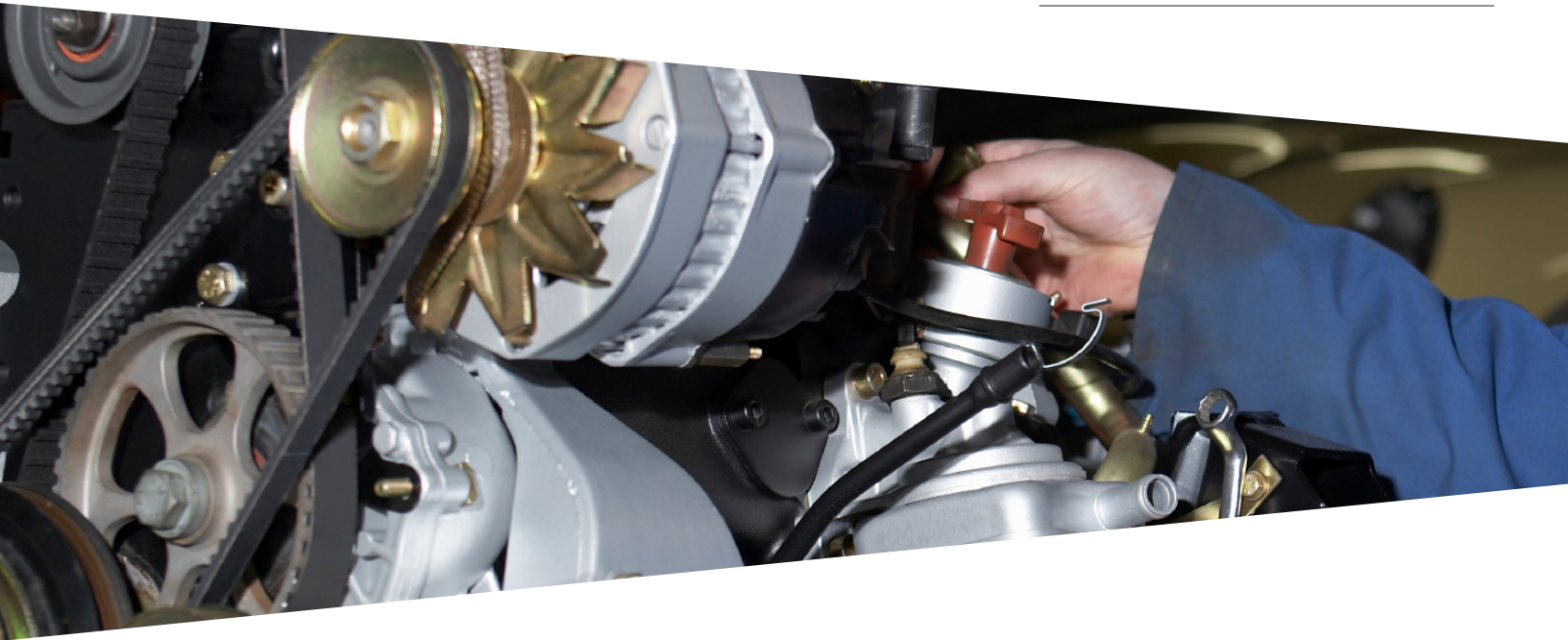




Other Applications:

- > Ergonomic Positioning of Products/Equipment
- > Material Handling
- > Palletizing
- > Conveyor Lift



Compact Lift Table Design Eliminates External Guides, Reducing Contamination and Cycle Time

Challenge:

A customer in the automotive industry built four custom machines that install and inspect clips, while cutting off gates/flash from the molded parts. This design included a problematic external guiding system that was susceptible to contaminants, took up too much space, and was expensive to design. They had a commitment to process 250,000 parts per year, and needed a solution that could meet this goal while eliminating the problems they were experiencing.

Solution:

Bimba provided them a solution that accomplished everything they were looking for in one clean package. It included a mounting surface for their plate, guided motion, and sensing capability built right onto the actuator. A Bimba/TRD Triple Rod cylinder was used to provide guided motion in a 4 inch bore actuator, with the least overall profile.

This led to a compact design that was able to fit right under their existing fixture, and eliminated the bulky external guiding system. This design reduced the cycle time by 10% to 5.5 seconds and delivers 100% quality.

Benefits:

- > Cut cycle time by 10%.
- > Built in sensing capability.
- > Guided system eliminates external guides, reducing contamination.

For further information:

Visit www.bimba.com/en/Solution-Centers/Industry-Solutions-Center/

Contact Bimba at 1-800-44-BIMBA or cs@bimba.com

