

Cylinder for Automotive Exhaust System Manufacturing



APPLICATION:

Automotive Exhaust System Manufacturing

A pneumatic cylinder is used on a hand tool that tightens the bands on exhaust systems.

CHALLENGE:

Frequent Cylinder Failures Increased Downtime

An automotive manufacturer had been using a competitor's cylinder that wore quickly, causing recurrent failures and required frequent replacement. The repeated failures caused excessive downtime and maintenance costs.

SOLUTION:

Long-lasting Dual Force Band-Tightening Cylinder

PHD's Custom Solutions Engineers and Sales team worked together with the automotive manufacturer to develop a reliable replacement for the competitor's cylinder in the band-tightening tool.

RESULTS:

Increased Uptime and Reduced Maintenance Costs

PHD's cylinder has shown up to two times the life of the previous cylinder. Due to this improved reliability, the manufacturer experiences less downtime and lower maintenance costs, improving the efficiency of the operation.

