

## Case Study: Aventics Cylinder Build Program

*One-day project turnaround prevents lengthy customer downtime*

### The Problem with Lengthy Lead Times

Manufacturing system breakdowns equate to lost revenue and productivity. So, when a replacement part is not on-site, companies will often scramble to find a solution. A global aerospace and defense contractor was experiencing this type of breakdown, as two original equipment manufacturer (OEM) cylinders critical to their manufacturing process were failing.

The customer first reached out to their OEM. However, the OEM would require a two-month lead time. Knowing that their operations could not wait, the customer began exploring OEM alternatives, reaching out to their local Motion branch. The Motion branch then contacted the nearest Motion Repair & Services shop with an Aventics Cylinder Build Program.



*Figure 1: Motion Repair & Services' Aventics Cylinder Build Program specializes in alternatives for OEM specifications.*

### A One-Day Turnaround for OEM Alternatives

The Aventics Cylinder Build Program provides alternatives to OEM specifications, offering three types of cylinders: air, low-pressure hydraulic, and high-pressure hydraulic. Each type of cylinder is available in multiple bore sizes and has up to 15 mounting options designed to meet customers' needs. Specifications can be completed within one business day and delivered within 24–48 hours.

The Motion branch requested that the customer's two new cylinders be built with a one-day turnaround. The Motion Repair & Services shop in Birmingham, Alabama, got to work and completed the project on time.

Motion Repair & Services' Aventics cylinders successfully replaced the customer's OEM cylinders. Overall, the customer was thrilled with how this reduced downtime saved their manufacturing operations time and money. The customer even ordered an additional replacement package for 34 new cylinders.

## **Contact the Motion Repair & Services Team**

Motion Repair and Services provides customers with timely and reliable repair solutions from strategically located shops throughout North America. Five locations specialize in the Aventics Cylinder Build Program: Birmingham, AL; Riverside, MO; Jackson, MS; Houston, TX; and Montreal, QC.

To learn more about how our Aventics Cylinder Build Program can assist your operations today, [head to our website](#) or [contact our experts](#) today.