

BIOGRAPHY



Chris Fox

Senior Associate Engineer, Munro & Associates, Inc.

Chris Fox has been with Munro & Associates since late 2010. In that time, he has worked with multiple companies from multiple industries to recognize cost and weight saving opportunities within their products.

His next project for another automotive OEM was a 17 vehicle architecture benchmarking study. In the study, a total of 10 vehicles from competitive OEMs were analyzed to see how they flex their vehicle platforms from sedans to SUVs. The study lasted nine months and ultimately resulted in over \$30 million in cost savings for the client's next vehicle.

Another project that Chris worked on was the reduction of the cost of production for several commercial HVAC units. The first step to this project was a three unit benchmarking study accompanied with redesign work. The study ended up dispelling many preconceived myths the client had about their competition and demonstrated that the competitive method of assembly was in fact significantly less costly than originally expected. The end result was a 20% cost reduction, 10% weight reduction, and 20% improvement in reliability.

Immediately after the first HVAC job, Chris was tasked with cost reducing a much larger HVAC unit but compared only to a single competitive unit. The end result was a 17% cost reduction, 50% foot print reduction, and 20% improvement in reliability.

The most recent project Chris was a part of was a 19 vehicle benchmarking study that took place over one year. Chris was responsible for benchmarking engine mounts, fuel systems, exhaust systems, air induction, cooling systems, electrical systems, and body in white.