



SUCCESS STORY

Alkon Helps OEM Trailer Manufacturer Improve Efficiencies

Southern OEM swaps out compression fittings to push-to-connect fittings and solves nagging problem.

With a history dating back to 1900, this trailer OEM has established itself as the transportation solutions leader of today – delivering innovative products and exceptional services that help their customers succeed. This famous OEM engineers durable and high-quality trailers and truck bodies from its headquarters in the Southern USA. Alkon enjoys its long-term relationship with this OEM and has struck a strategic partnership helping to design better air systems.



CLIENT

Confidential Client

LOCATION

Southern USA

FEATURED PRODUCT

Alkon DOT Compliant
Push-To-Connect Fittings



CHALLENGE

The OEM trailer customer needed a custom fitting for their testing process. While quickly delivering this custom solution, opportunities to increase trailer throughput and decrease costs associated with end of the line rework were identified. This included the cost of parts, total manhours associated with the rework, and initial installation time. After a stringent battery of testing, Alkon DOT Push-To-Connect fittings stood above the competition.

SOLUTION

Alkon suggested replacing the current compression fittings with Alkon's Push-To-Connect DOT Fittings. The floating tube support and additional tube insertion length after the sealing O-ring help minimize leakage during assembly. The customer was also able to leverage Alkon's air system design experience to help optimize the air system and reduce fitting count. Alkon ensured a smooth transition with on-site presence, providing product and assembly training both before and during the change.

RESULT

The customer increased end of the line leakage first pass yield from 60% to 97%. Additionally, the customer gained a 33% savings on initial fitting installation time. This means less time finding leaks, retorquing fittings, replacing fittings, recutting lines, and other efficiencies.

"Alkon is committed to our customers' success, helping them identify growth opportunities, outperform competitors, and optimize systems for improved efficiency, saving time and money."
- Rich Yori - President, Alkon Corp.