

# The Truth About DOT Compliance: What You Don't Know Could Cost You

DOT compliance is more than just a label—it's about safety, reliability, and accountability. Understanding the facts behind true compliance can help you make informed decisions that protect your business and everyone on the road.

## UNREGULATED



DOT compliance runs on an honor system—no governing body certifies it. Without oversight, subpar fittings enter the market, increasing risks in an industry where **155,000** people are injured in truck crashes annually.<sup>1</sup>

## COUNTERFEIT



A DOT marking doesn't guarantee compliance. One study found **55%** of crash-involved trucks had mechanical violations, some severe enough to warrant immediate removal from service.<sup>2</sup>

## FAILED



Some fittings in the U.S. market fail critical DOT tests, putting lives at risk. A single fatal truck accident can cost over **\$3.6 million**—not counting the human toll.<sup>3</sup>

## LIABILITY



From manufacturers to distributors, anyone in the supply chain can be held liable for faulty components. Trucking accident settlements have reached **\$150 million**—true DOT compliance is critical.<sup>4</sup>

## ENGINEERED

DOT-compliant fittings are precision-engineered for safety. Brake issues contribute to **45.5%** of truck crashes and appear in **32.7%** of post-crash inspections. The right fittings help prevent failures on the road.<sup>5</sup>



## RELIABILITY

Imported imitation fittings often lack the precise engineering needed for compliance. Defective brake parts were a key factor in fatal truck crashes, which totaled **5,149** in 2021 alone.<sup>6</sup>



## TRUST

**72%** of people killed in large truck crashes aren't truck occupants—they're other drivers and pedestrians. Reliable fittings protect fleets and everyone on the road.<sup>7</sup>



### SOURCES:

<sup>1</sup> Federal Motor Carrier Safety Administration. Large Truck and Bus Crash Facts 2021. Published November 2023.

<sup>2</sup> GDH Law. What Percentage of Truck Crashes Are to Blame on Defective Truck Parts? Published December 17, 2024.

<sup>3</sup> Kerman & Associates LLP. How Much Can You Expect from a Truck Accident Settlement? Published October 4, 2024.

<sup>4</sup> Bieber, Christy, J.D. Reviewed by Ramirez, Adam, J.D. Truck Accident Statistics for 2025. Forbes Advisor. Updated September 18, 2023.

<sup>5</sup> GDH Law. What Percentage of Truck Crashes Are to Blame on Defective Truck Parts? Published December 17, 2024.

<sup>6</sup> Federal Motor Carrier Safety Administration. Large Truck and Bus Crash Facts 2021. Published November 2023.

<sup>7</sup> Forbes Advisor. Truck Accident Statistics for 2025. Updated September 18, 2023.

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