

Alcoa® Wheels¹ Technical Bulletin



Altering Alcoa Wheels from Original Design

Arconic Wheel and Transportation Products does not approve of any type of alteration to Alcoa wheels. This includes machining of any type, redesigning the hand holes, reconfiguring the bolt holes in any way, welding on any part of the wheel, along with chroming or painting the wheel.

Alcoa wheels are designed and tested to Arconic Wheel and Transportation Products and OEM requirements, along with requirements indicated in SAE J267 (Society of Automotive Engineers). Our wheels are designed, manufactured, and rigorously tested in a tightly controlled environment to meet performance criteria only for approved applications. Alterations to a wheel may change stress points, strength, and corrosion properties in such a way that the wheel cannot meet design criteria and may result in non-compliance with Federal Motor Vehicle Safety Standards (FMVSS) and vehicle certification requirements. Where wheels have been altered, Arconic may not be able to certify the accuracy or validity of the DOT markings stamped on the wheel at the time of manufacture. Alterations can lead to cracks, bending, shrinkage, breakage, out of roundness, balancing issues, or other issues, which can lead to catastrophic wheel failure, wheel separation, tire failure or tire separation, causing serious injury or death.

Therefore, Arconic Wheel and Transportation Products does not approve of any alterations to its wheels and any such action will void the limited warranty.

Please note Arconic's disapproval of any modifications in the Arconic Service Manual in section 3-2. If you need a Service Manual at no cost, please call (800) 242-9898, or visit www.alcoawheels.com.

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