

Alcoa Wheel and Transportation Products  
Technical Bulletin  
**Altering Alcoa Wheels from Original Design  
and use of Adaptor Plates**



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Alcoa Wheel Products does not approve of any type of alterations to Alcoa aluminum 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 aluminum wheels are designed and tested to Alcoa Wheel 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 so altered Alcoa cannot 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, etc., which can lead to catastrophic wheel failure, wheel separation, tire failure, or tire separation, causing serious injury or death.

Therefore, Alcoa does not approve of any alterations to its wheels and any such actions will void the limited warranty.

Please note Alcoa's disapproval of any modifications in the Alcoa Service Manual in section 3-2. If you need a Service Manual at no cost, please call 1-800-242-9898.

Alcoa Wheel Products also does not approve of the use of adaptor plates being used in an attempt to fit our wheels on vehicles for which they are not intended or designed, or for using larger wheels/tires on such vehicles. Alcoa only recommends the use of our wheels on approved factory OEM fitments deemed to be used on factory OEM vehicles. This includes no changes in offsets, load ratings to the axles, or changes to the vehicle gross vehicle loads. For further information on any of these issues, please call 1-800-242-9898.