

**Technical Bulletin June 24, 2009**

In 2008, Alcoa Wheel Products introduced the 250800 16x5.5 forged aluminum wheel for the Daimler 3500 Sprinter chassis. This technical bulletin replaces the Sprinter 3500 Rear Wheel Stud Thread Engagement technical bulletin dated July 28, 2008. Alcoa has now verified and approved part number 250800 and its associated polish options for dual aluminum rear application on the current Sprinter 3500 (NCV3 model; 2007-present). Figure 1 is a photograph from a physical fitment study on stated model conducted by Alcoa showing acceptable thread engagement.



**Figure 1**

Alcoa recommends that the cap nuts are at least flush with the end of the stud as shown. In order to center the outer dual wheel, the hub pilot pad must engage on the wheel pilot bore. For additional mounting instructions please see Alcoa Wheel Service Manual.

This application of wheels on OEM original hub and studs should provide both proper stud engagement and pilot engagement. If replacement of wheel end parts is necessary, Alcoa recommends replacing them with OEM parts. Always verify that original stud and pilot engagement is maintained.

If you have any questions please call Alcoa Tech Services at (800)-242-9898 Option 1.