

June 18, 2001

300 Industrial Blvd.
P.O. Box 1989 (75606-1989)
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Tel: 903 758-9981**Tech Tip #24****Sentinel Drive Axle Vents**

The venting performance of the Sentinel Drive Axle Vent may be compromised by extreme conditions in off-road applications. High levels of dust, dirt, or other contaminants combined with mud or road spray produced by the vehicle during operation has in some cases clogged the vent holes of the ESP assembly (see Photo below).

The Sentinel Drive Axle Vent product was designed to exclude water and contamination under normal operating conditions such as over-the-road fleet haul and urban delivery. Therefore, Stemco recommends that the Drive Axle Vent product be used only under these circumstances.

As with any drive axle venting device, it is highly recommended that fleets periodically inspect the units for damage or other failures related to the operating environment. Drivers should visually check the vent along with lubricant levels, etc. at each vehicle pre-trip inspection. This type of preventative maintenance will help insure maximum performance of the vehicle's drive train.

