

Product Bulletin #: 10-0617
Model: 21B & 88
Topic: Recommendations for stabilized or “no-hop” configurations on Reyco Granning trailer suspensions
Effective Date: June 17, 2010

Most Reyco Granning mechanical steel spring tandem suspensions are available with a stabilized or “no-hop” rear axle configuration. The purpose is to reduce instability of the rear axle during braking, especially when the trailer is unladen.

The “no-hop” option consists of a special bottom plate which allows the torque arm to connect below the axle center line rather than at or just above the center line.

With the advent of ABS brake controls on trailers, the question has arisen whether “no-hop” is still necessary. Here’s our recommendation:

1. If the ABS controller is a 4S2M with front to rear modulation, the “no-hop” option is not necessary.
2. All other ABS configurations will most likely benefit from the “no-hop” option. These controller configurations include:
 - a. 4S2M with side-to-side modulation
 - b. 2S2M
 - c. 2S1M

We recommend you contact the manufacturer of the ABS system you are using for their recommendation, especially for the 2S versions. ABS manufacturers vary in their recommendations about which axle should receive the 2S sensors. Some say they should be mounted on the axle that is most likely to lock up. Some say on the axle that is least likely to lock up.

For more information, contact Reyco Granning engineering.