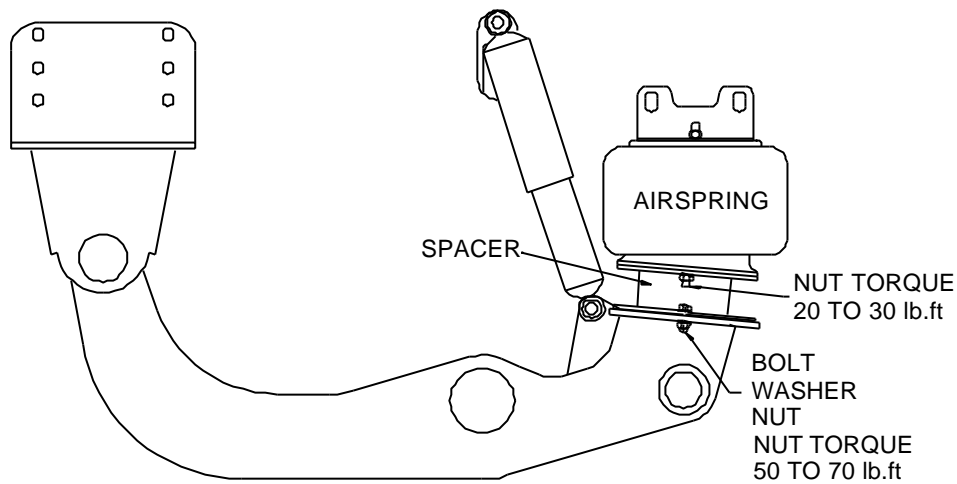


H TECHNICAL BULLETIN

WD2 SERIES TRUCK AIR SUSPENSION PRODUCT UPDATE

No: TRUCK AUS-011
Subject: High Centre of Gravity Kit
Date: 8 March 2000 **Revision:** B



Description

Hendrickson have released a kit to provide improved roll control for WD2 Series suspensions in high centre of gravity applications. The high centre of gravity kit is suitable for WD2-460 Series tandem suspension.

For single or tri-axle configurations, the individual components can be specified. Contact Hendrickson Asia Pacific Pty Ltd for part number details.

The kit Part Number to suit tandem axle suspensions is 98785-007

The kit comprises the following items:

? Air spring	x	4
? Spacer	x	4
? Bolt	x	4
? Washer	x	8
? Nut	x	4

Installation Procedure :

1. Place unladen vehicle on level ground with wheels chocked.
2. Raise chassis with jacks and place stands under chassis to securely support vehicle weight.
3. With chassis raised above the normal ride height condition, the height control valve should dump air from the suspension system.

4. Disconnect airlines from the suspension air springs.
5. Remove old air springs from the vehicle.
6. Fit the air spring spacer to the suspension trailing arm, in position as shown in the illustration.
7. Tighten nut holding the spacer to the trailing arm to torque specified.
8. Install the new air spring and tighten lower nut to the torque specified. Take care not to over tighten the nuts on the air spring fasteners.
9. Fit the airlines to the air spring fittings.
10. Disconnect the links to the height control valves, at either the upper or lower end, so that the height control valve arm can be manually operated.
11. Raise the height control valves to inflate the air springs equally left and right.
12. Remove the chassis supports.

13. Reconnecting the height control valve links will return the chassis height to the normal ride height condition.
14. Check the air fittings for leaks and seal if necessary.
15. Check and adjust, if required, so that the chassis heights left and right are equal and that the air pressures left and right are also equal. Use a pressure gauge to measure pressures.

If the vehicle is fitted with an on-board weighing system of the type that senses air pressure in the suspension, then this will have to be recalibrated.

If further information is required please contact Hendrickson Asia Pacific's Customer Service Department on:

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