

# H TECHNICAL BULLETIN

## TRAILER

## AIR SUSPENSIONS

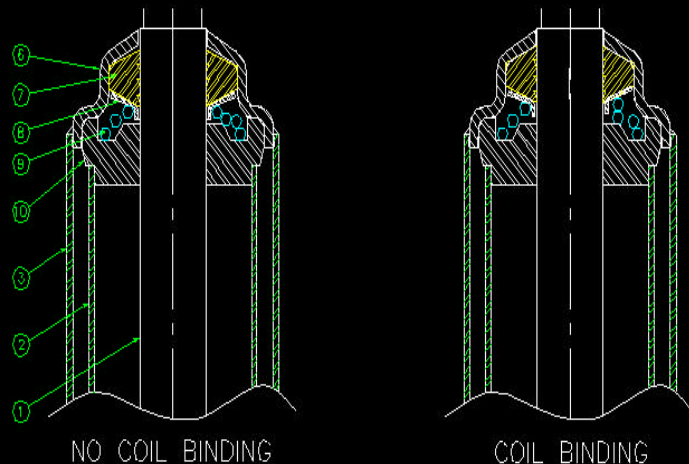
## SHOCK ABSORBERS

No: TRAILER AUS-021

Subject: Shock Absorber Improvement

Date: June 2002 Revision: A

- 1 Piston Rod
- 2 Inner Cylinder Head
- 3 Intermediate Cylinder
- 6 Inter Cylinder Head
- 7 Rod Seal
- 8 Seal Retainer
- 9 Packing Spring
- 10 Inner Cylinder Head



As part of our continuous product improvement program, Hendrickson wish to advise general improvement information to the S-21699 Road Friendly Shock Absorber.

### **SHOCK ABSORBER IMPROVEMENT**

A new packing spring design was implemented effective immediately, which prevents coil binding and extra pressure being applied to the seal seat. This in some instances the extra pressure being applied to the seal and piston rod resulted in any lubricant being completely wiped away.

With little or no lubricant, the seal was run dry and prematurely failed.

This in some instances also caused the metal cap to be distorted and to come in contact with the piston rod.

This contact resulted in the rod being scored and causing the seal to fail prematurely.

All stocks of the previous version have been withdrawn and the updated shock absorber is now standard fitment in all production.

**WARNING - HENDRICKSON REMINDS USERS TO ADHERE TO THE PUBLISHED CAPACITY RATINGS FOR SUSPENSIONS. DO NOT MODIFY PARTS OTHER THAN OUTLINED IN THIS PUBLICATION.**

**USE OF A MODIFIED OR SUBSTITUTE PART IS NOT RECOMMENDED BECAUSE THE PART MAY NOT MEET HENDRICKSON'S SPECIFICATIONS, WHICH COULD LEAD TO FAILURE OF THE PART, LOSS OF VEHICLE CONTROL AND PERSONAL INJURY.**