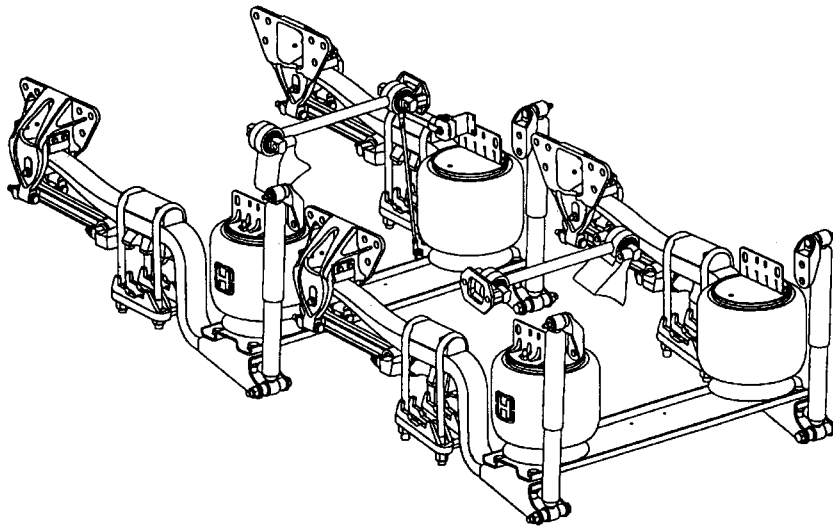


TECHNICAL BULLETIN

HAS 231 & HAS 461 TRUCK AIR SUSPENSION HI-TORQUE SHOCK ABSORBER

No: TRUCK AUS-003
Subject: *Fitting Instruction*
Date: May 2002 **Revision:** B



Description

As an industry leader, Hendrickson is continually innovating in the development of suspension systems aimed at exceeding customer expectations. The HAS-231 and HAS-461 are examples of this philosophy. Both these suspensions utilise Hendrickson Hi-Torque shock absorber technology.

These Hi-Torque shock absorbers, part number 60675-003-L, are designed to resist frame rise due to modern high torque engines. To achieve this, these shock absorbers have a unique internal rebound control spring which limits their extension at low rebound rates.

Removal/Replacement

Because of the force required to overcome the internal rebound control spring, the air must first be exhausted from the suspension prior to installing or removing the shock absorber.

With the suspension deflated, the shock absorbers can be installed in a compressed state, minimising the effort of the installer. Once installed, the suspension should be reinflated to ride height and the upper and lower shock absorber locknuts must then be torqued to 50-70 ft.lbs. Refer to Hendrickson publication 17730-212 for detail on ride height adjustment.