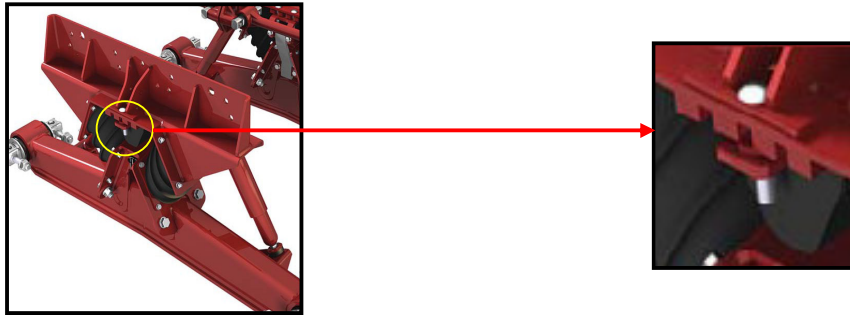




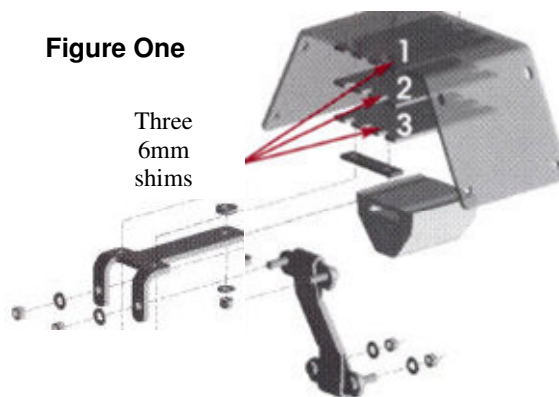
No: 97117-231
Subject: HN AUXILIARY SHIM SPECIFICATION
Date: JUNE 2011 Revision: A



Effective from November 2000 an improved auxiliary spring assembly and shim design was introduced into the market for HN402 series suspensions. This new design:

- Addressed the importance of matching ride quality and stability.
- Enabled adjustability to achieve the correct ride performance and handling based on specific applications.

All production suspensions from Hendrickson Asia Pacific Pty Ltd are equipped standard with three shims, as pictured at figure 1



A small percentage of vehicles may require a shim system outside of the standard production build. To assist customers to determine the correct amount of shims to meet their unique vehicle configuration refer to Table 1.



Install or remove shims in order to reach the recommended number of total shims per saddle.

TABLE ONE - HN 402 FAMILY OF SUSPENSION – SHIM INSTALLATION MATRIX

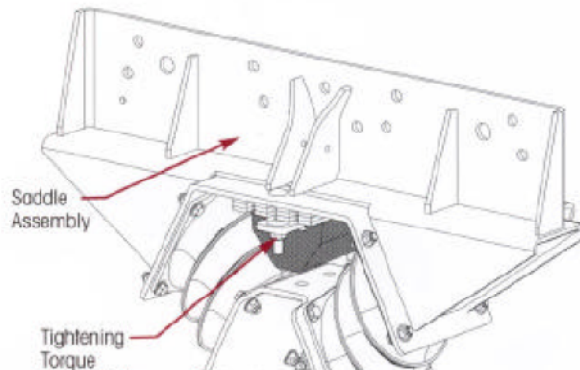
UNLADEN – TARE WEIGHT WITH BODY EQUIPMENT INSTALLED				
Serial	Application	4500-8,150 K.g	8,150 – 10,430 K.g	10,430 Kg – 12,700 K.g
(a)	(b)	(c)	(d)	(e)
1.	Tipper	STD- 3 Shims	2 Shims	2 Shims
2.	Waste Front Load Tipper	STD- 3 Shims	5 Shims	5 Shims
3.	Waste Front load Eject	STD- 3 Shims	2 Shims	No Shims
4.	Waste Rear load Eject	STD- 3 Shims	2 Shims	No Shims
5.	Waste Side Loader	STD- 3 Shims	2 Shims	No Shims
6.	Waste Load Tipper	STD- 3 Shims	5 Shims	5 Shims
7.	Waste Recycler Tipper	STD- 3 Shims	5 Shims	5 Shims
8.	Waste Recycler Eject	STD- 3 Shims	2 Shims	No Shims
9.	Concrete Agitator	STD- 3 Shims	STD- 3 Shims	STD- 3 Shims
10.	Crane Carrier	STD- 3 Shims	5 Shims	5 Shims

Important: Each side of the HN suspension must have an equal number of shims in place
Shim Part Number: 58960-001

The following procedures detail the disassembly and assembly of shims.

Disassembly

1. Chock wheels.
2. Loosen the nuts that attach the auxiliary spring to the saddle.
3. Remove or install additional shims in accordance with Table One.



Assembly

1. Re-assemble fasteners and tighten locknuts to 80 N.m (60 ft/lb).

Any questions in relation to this Technical Bulletin please forward to the Hendrickson Product Support Group: Telephone (03) 8792 3600 or email to: technicalservice@hendrickson.com.au

Information contained in this literature was accurate at the time of publication. Product changes may have been made after the publication date that are not reflected here