



H TECHNICAL BULLETIN

TRAILERSUSPENSION

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Subject: INTRAAX AAT Lower Shock Support
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INTRODUCTION

1. The purpose of this Technical Bulletin is to detail the procedure to install the shock absorber and lower mount fastener hardware onto the INTRAAX Top Mount axle assembly. The procedure is for Original Equipment Manufacturers who have taken delivery of Hendrickson Asia Pacific Pty Ltd (HAPPL) INTRAAX axle assemblies.
2. A general overview of an INTRAAX LDA AAT axle complete with the lower shock mount support system is detailed at Figure One. The shock absorber mount assembly kit, part number 98918-012, is detailed at Table One.

TABLE ONE - KIT AAT LOWER SHOCK SUPPORT – PART NUMBER 98918-012

Item No	Part No.	Description	Quantity
(a)	(b)	(c)	(d)
1.	B-31037-1	Shock Absorber Support Left Hand	1
2.	B-31037-2	Shock Absorber Support Right Hand	1
3.	B-31050	Shock Support Nut Plate	2
4.	S-22577	3 / 4 Inch Washer Hardened	2
5.	SA-6900-5	Screw-Flanged 3/8 Inch-16 X 1.25	8
6.	DWG-D-31039	Installation Drawing Shock Support	1
7.	97117-213	Technical Bulletin	1

INSTALLATION

3. Install the lower shock absorber mounting hardware as follows (see Figure One):

NOTE

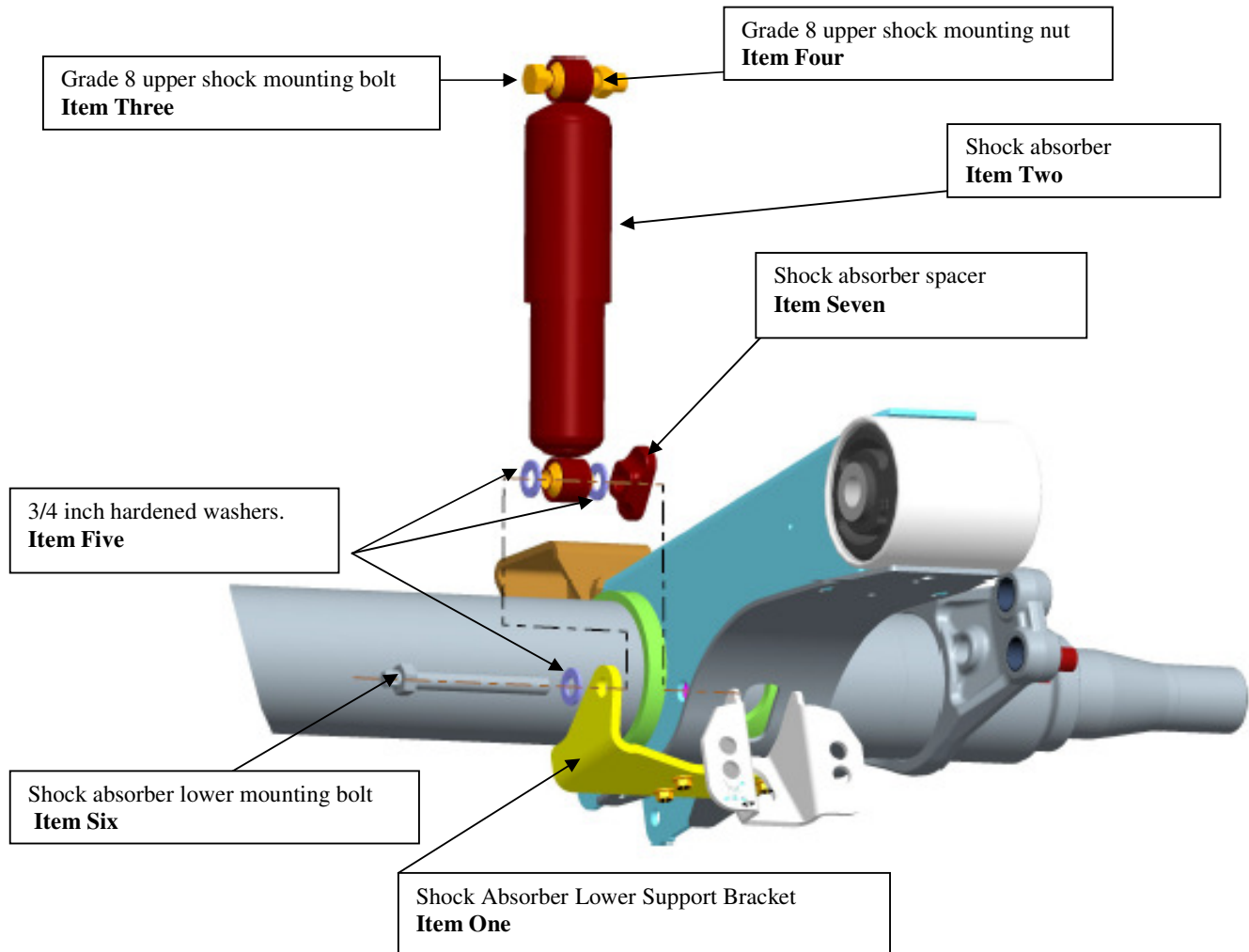
The Lower Shock Bracket (Item One) is adjusted and torqued into position by the HAPPL INTRAAX Production Team. There is no requirement to loosen the bracket to install the shock absorber and fastener kit.

- a. Install shock absorber (Item Two), mounting bolt, (Item Three) into upper mount and install nut (Item Four). Hand-tighten only at this stage.
- b. Lower the shock absorber into the lower shock absorber mount and install one 3/4 inch hardened washer (Item Five) onto the torx-head bolt (Item Six) and slide the bolt into shock absorber lower support mount.
- c. Install 3/4 inch hardened washer each side of the shock absorber.
- d. Install shock absorber spacer (Item Seven) and hand tighten torx-head bolt onto the trailing arm.
- e. **With the trailer ride height set in accordance with installation drawing**, Torque the upper shock absorber mount bolt (Grade 8) to 375 N.m.
- f. Tighten the lower shock absorber torx-head bolt until the shear head is correctly sheared off.

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Figure One – INTRAAX AAT SHOCK ABSORBER SUPPORT.



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

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