

TECHNICAL PROCEDURE

INTRAAX® / QUAANTUM™ FX

SUBJECT: Shock Mount Assembly Procedure

LIT NO: L635

DATE: December 2007 **REVISION:** C

Hendrickson uses a shear-type bolt in the lower shock absorber connection. To obtain the proper clamp load, install hardened washers on each side of the shock absorber bushing (figure 1), or install the shock strap clevis (figure 2), and tighten the shear-type bolt until the bolt's Torx head shears off. Use an E20 Torx socket to tighten and shear the bolt. Torx head separation occurs between 200 and 240 ft. lbs. (271 and 325 N•m) of torque.

The upper shock mount is tightened to 225 ft. lbs. (305 N•m) of torque (figure 3).

Failure to follow these instructions could result in damage to the suspension and / or its components.

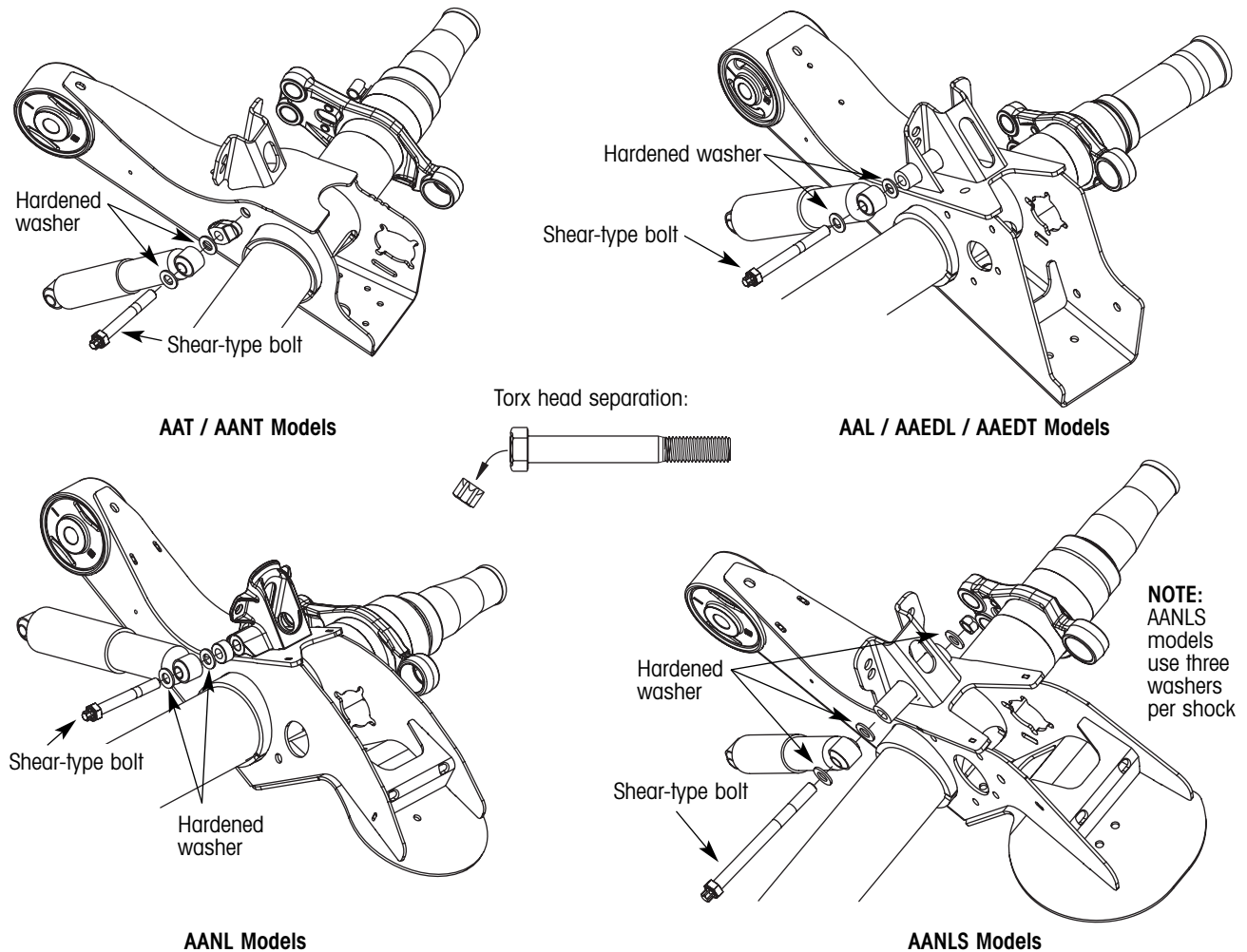


Figure 1. Lower shock mount assembly on suspensions without shock straps

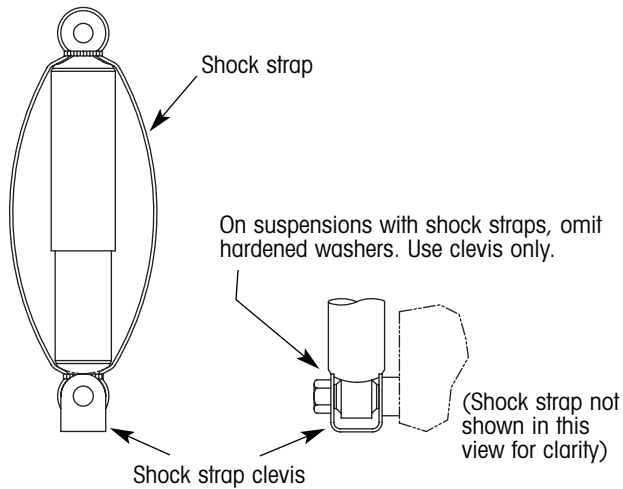


Figure 2. Lower shock mount assembly on suspensions with shock straps

NOTE: AANT shown, other models similar

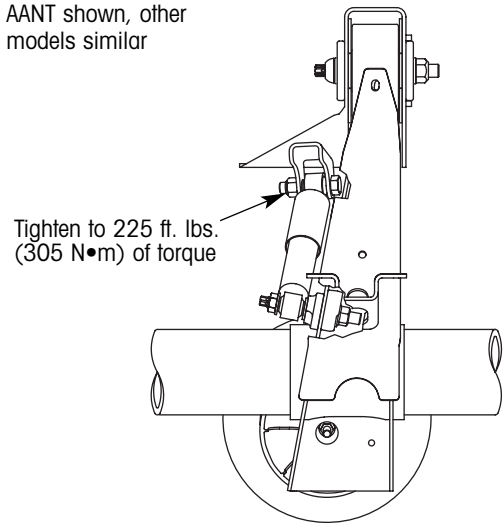


Figure 3. Upper shock mount assembly

If the nut on the inside of the suspension beam is damaged or cannot be reused (i.e., threads are stripped, nut is cracked, etc.), drill out the threads in the lower shock mounting block inside the suspension beam (figure 4) and use the extra washer and nut provided in the shock bolt service kit to complete the lower shock mount. Refer to Hendrickson publication L724, *Shock Mount Replacement Procedures*, for more details on AAT- and AANT-model shock mount repair, or contact Hendrickson technical service at 866-743-3247 in the United States or 800-668-5360 in Canada for more details on AAL-, AAEDL-, AAEDT- and AANLS-model shock mount repair.

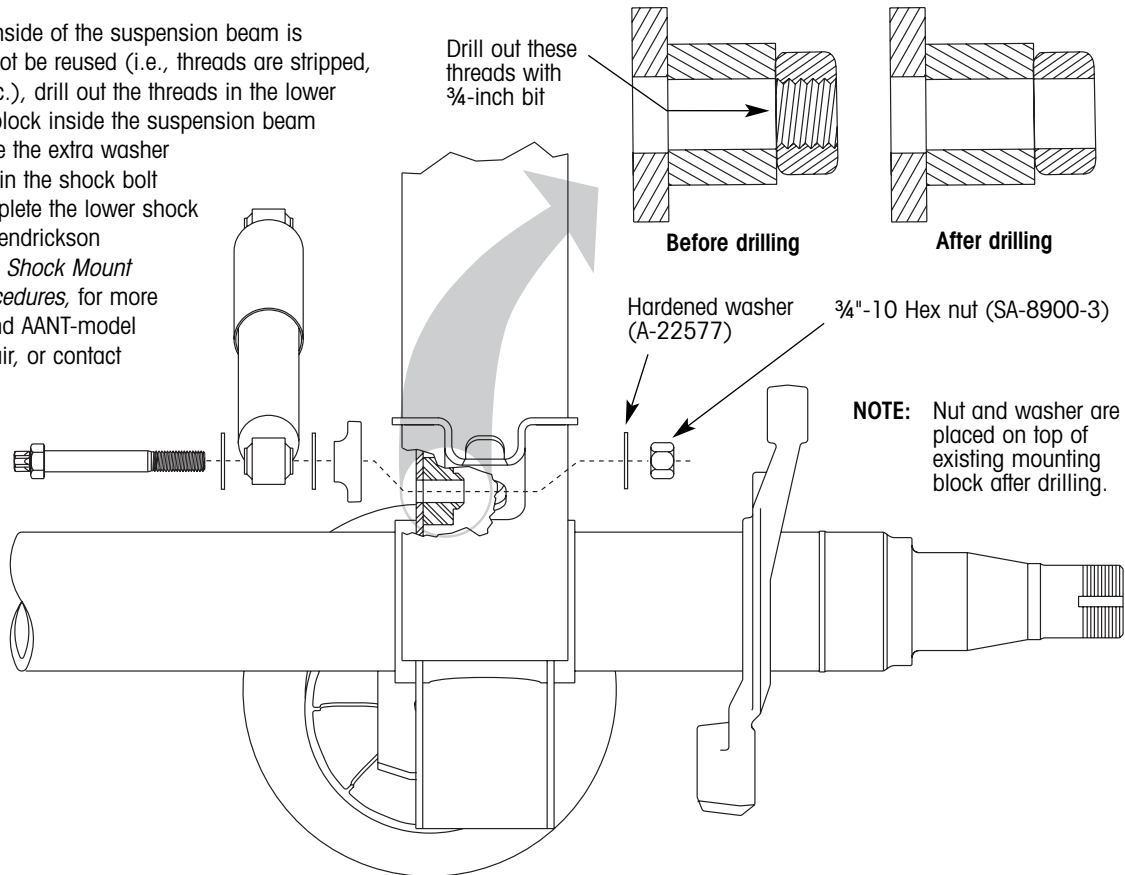


Figure 4. Damaged thread hardware assembly

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