

TECHNICAL PROCEDURE **TRAILER SUSPENSION SYSTEMS**

SUBJECT: Torque Specifications

LIT NO: B31
DATE: April 2017

REVISION: K

The torque specifications in this bulletin replace previously released information. Use this information when installing the fasteners covered below.

TRAILER SUSPENSION BOLT TORQUE VALUES¹

COMPONENT DESCRIPTION	FT. LBS.	Nm
ADB Bolt-on Dust Shield hardware (for mounting to torque plate)	15±3	21±3
Air Spring Bolts, Lower (HT™ Series, AAEDT 30K, AAEDL 30K and HRRNT 40K / HRRNT 50K)	45±5	61±6
Air Spring Nut, Lower	58±2	79±2
Air Spring Nuts, Upper (3/4 inch)	90±10	125±10
Air Spring Nuts, Upper (1/2 inch)	45±5	61±6
Body Rail Clip Bolt	100±10	135±12
Brake Chamber Mounting Nut ²	138±7 ²	187±9 ²
Hubcap Mounting Bolts	15±3	21±3
Lift Mechanism Air Spring, Actuator (3/4 inch)	50±5	70±4
Lift Mechanism Air Spring, Actuator (3/8 inch)	18±2	25±2
QUIK-ALIGN® Pivot Connection	550±45	750±50
S-cam Support Bearing Mounting Nut (INTRAAX®)	40±5	55±6
Shock Bolts	225±10	300±10
U-bolts (HT Series)	500±25	680±30
Welded Pivot Connection (1 1/8 inches)	800±25	1085±30
ULTRAA-K® Upper Down Stop Mounting Bolts	90±10	125±10
COMPONENT DESCRIPTION	IN. LBS.	Nm
ABS Bracket Bolt and Nut (INTRAAX® prior to November 2002)	90±10	10±1
Disc Brake Dust Shield Clamp, 1/2 inch wide band	60±10	7±1
Disc Brake Dust Shield Clamp, 5/8 inch wide band	90±10	10±1
Drum Brake Dust Shield Clamp	110±15	13±1
Height Control Valve Mounting	70±10	8±1
¹ Torque values in this table are for fasteners as supplied by Hendrickson Trailer Commercial Vehicle Systems. ² Hendrickson recommended torque value. Contact component manufacturer for more specifications.		

⚠ CAUTION: DO NOT apply anti-seize compound or additional lubricant to pivot connection hardware. This can lead to overtightened fasteners, unpredictable pivot connection clamp loads and unreliable axle alignments. Reference L579 Alignment Procedures.

Call Hendrickson at **866.RIDEAIR (743.3247)** for additional information.



www.hendrickson-intl.com

TRAILER COMMERCIAL VEHICLE SYSTEMS
 2070 Industrial Place SE
 Canton, OH 44707-2641 USA
 866.RIDEAIR (743.3247)
 330.489.0045 • Fax 800.696.4416

Hendrickson Canada
 250 Chrysler Drive, Unit #3
 Brampton, ON Canada L6S 6B6
 800.668.5360
 905.789.1030 • Fax 905.789.1033

Hendrickson Mexicana
 Circuito El Marqués Sur #29
 Parque Industrial El Marqués
 Pob. El Colorado, Municipio El Marqués,
 Querétaro, México C.P. 76246
 +52 (442) 296.3600 • Fax +52 (442) 296.3601