

# **RECOMMENDED STOCKING LIST**

## TRAILER SUSPENSION SYSTEMS

**Dealer / Branch**

**LIT NO:** L1181

**DATE:** February 2025

**REVISION:** P

**Directions:** This stock list is a recommendation of Hendrickson's most common kits sold in the aftermarket. Descriptions are provided for components to allow you to choose the correct kits to stock based on the type of Hendrickson trailer suspensions most common at your facility.

<b>DESCRIPTION</b>	<b>PART NO.</b>	<b>RECOMMENDED STOCK QTY.</b>
<b>AIR SPRINGS</b>		
INTRAAX® AAT 23K, AANT 23K suspensions VANTRAAX® HKANT 40K slider (Below 16" RH)	S-21800	5
INTRAAX AAT 25K suspension	S-20901	2
INTRAAX AAT 30K suspension	S-25873	1
VANTRAAX HKANT 40K slider (16" RH and above) (Units built before Jan 2008)	S-22948	2
VANTRAAX HKANT 40K slider (16" RH and above) (Units built after Jan 2008)	S-28929	2
VANTRAAX HKAT 46K, HKANT 46K sliders	S-22948	2
HK™ HK190T slider	S-22045	2
HK HK230 slider	S-22046	1
HT™ HT190T, HS Series HS190T suspensions	S-20223	2
HT HT190U suspension	S-20217	2
HT HT230, HS Series HS230 suspensions	S-20010	5
HT HT250T, HT250U suspensions	S-20124	2
HT HT250US suspension	S-20127	2
HT HT300, HS Series HS300 suspensions	S-4771	2
UBL™ UNDER BEAM LIFT™ UBL-001, 002, 003 and 004	S-23114	1
<b>ZMD® AIR SPRINGS</b>		
ULTRAA-K® UTKNT 40K slider (units built before March 2019)	S-34733	4
ULTRAA-K UTKNT 40K slider (units built after March 2019)	S-38000	4
VANTRAAX HKANT 40K slider - 16" RH; requires QUIK-DRAW®; Steel Piston (units built before August 2020)	S-33161	4
VANTRAAX HKANT 40K sliders - 16" RH; requires QUIK-DRAW; Composite Piston (units built after August 2020)	S-34733	4
INTRAAX AANT 23K suspension (14" - 17" RH; Std. travel); Composite Piston		
INTRAAX AAT 23K suspension (14" - 17" RH – Std. travel); Composite Piston	S-39400	2
INTRAAX AAT 23K RCA suspension (14" or 16" RH – Limited Rebound Travel); Composite Piston		
INTRAAX AAT 25K suspension (14" - 19" RH – Std. travel)		
INTRAAX AAT 25K RCA suspension (14" or 16" RH – Limited Rebound Travel)	S-39401	2

# RECOMMENDED STOCKING LIST



DESCRIPTION	PART NO.	RECOMMENDED STOCK QTY.
<b>AIR SPRING BOLT KITS</b> (One kit required per air spring)		
INTRAAX® AAT 23K, 25K, 30K and AANT 23K suspensions (1.125" thick spacer)		
INTRAAX AAL 23K, 25K and 30K suspensions (1.125" thick spacer)		
VANTRAAX® HKANT 40K slider (cast air spring pedestal and 19" RH)	S-22630/2	3
VANTRAAX HKAT 46K slider (17" RH)		
VANTRAAX HKANT 46K slider (19" RH)		
VANTRAAX HKAT 50K slider (17" RH)		
INTRAAX AAT 23K, 25K, 30K and AANT 23K suspensions (1.875" thick spacer)		
INTRAAX AAL 23K, 25K and 30K suspensions (1.875" thick spacer)		
VANTRAAX HKANT 40K slider (weld-on air spring pedestal and 15" or 19" RH)	S-22631/2	2
VANTRAAX HKAT 46K slider (15" or 18" RH)		
VANTRAAX HKAT 50K slider (18" RH)		
INTRAAX AAT 23K, 25K, 30K and AANT 23K suspensions (3.125" thick spacer)		
INTRAAX AAL 23K, 25K and 30K suspensions (3.125" thick spacer)		
VANTRAAX HKANT 40K slider (weld-on air spring pedestal and 15.5" RH)	S-22632/2	2
VANTRAAX HKAT 46K slider (19" RH)		
VANTRAAX HKAT 50K slider (19" RH)		
INTRAAX AAT 23K, 25K, 30K and AANT 23K suspensions (no spacer)		
INTRAAX AAL 23K, 25K and 30K suspensions (no spacer)		
VANTRAAX HKANT 40K slider (weld-on air spring pedestal and 16", 16.5" or 17" RH)		
VANTRAAX HKANT 40K slider (cast air spring pedestal and 14"-18" RH)	S-22619/2	1
VANTRAAX HKAT 46K slider (16" RH)		
VANTRAAX HKANT 46K slider (14"-18" RH)		
VANTRAAX HKAT 50K slider (16" RH)		
VANTRAAX® ULTRAA-K® UTKNT 40K slider		
HK™ HK190T and HK230 slider (1" air spring spacer)	S-22908/2	1
HK HK190T and HK230 slider (2" air spring spacer)	S-22909/2	1
<b>AIR SPRING SPACERS</b>		
Air spring spacer, 1.125"	B-22510-1	2
Air spring spacer, 1.875"	B-22510-2	1
Air spring spacer, 3.125"	B-22510-3	1
Air spring spacer, 0.75"	B-22510-4	1



# RECOMMENDED STOCKING LIST

DESCRIPTION	PART NO.	RECOMMENDED STOCK QTY.
<b>SHOCK ABSORBERS</b> (Standard service shown; other options exist — contact Hendrickson)		
INTRAAX® AAT 23K, AANT 23K and AAT 25K suspensions		
INTRAAX AAL 23K and 25K suspensions (12" RH)	S-23566	2
VANTRAAX® HKAT 46K and HKANT 46K sliders		
VANTRAAX HKAT 50K slider		
INTRAAX AAL 23K and 25K suspensions (14"-19" RH)	S-2212	2
HT™ HT250T suspension		
INTRAAX AAL 23K and 25K suspensions (6.5"- 9" RH)	S-23651	2
VANTRAAX HKANT 40K slider	S-24088	3
INTRAAX AAT 30K suspension	S-24023	2
HK™ HK190T and HK230 sliders	S-21292	3
HT HT190T, HT190U, HS Series HS190T suspensions	S-20001	2
HT HT230, HT250U, HS Series HS230 suspensions	S-20002	3
HT HT250US suspension (5.5" and 6.5" RH)	S-23650	2
HT HT250US suspension (7.5"- 14" RH)	S-23649	2
HT HT300, HT300US, HS Series HS300 suspensions	S-20126	2
<b>SHOCK BOLT KITS</b> (One kit required per air spring)		
INTRAAX AAT 23K, 25K and 30K suspensions	S-24021	2
VANTRAAX HKAT 50K slider		
INTRAAX AANT 23K suspension		
VANTRAAK HKANT 40K slider	S-24049/2	1
VANTRAAX HKAT 46K slider		
VANTRAAX HKANT 46K slider		
Most HT/HS 190T, 230, 250T, 190U, 300T suspensions	S-20031/2	1
Most HT HT250U, 300T, 300US, 230 suspensions (remote shock)	S-2157/2	1
HT HT250US suspension	S-24024	1
<b>ZMD® SHOCK CLEVIS BOLT KIT</b>		
INTRAAX AANT 23K Suspension (14" - 17" RH; Std. travel; winged hangers only)	S-37219	2
<b>ZMD DOWN STOP</b>		
VANTRAAX HKANT 40K slider (16" RH; Requires QUIK-DRAW®)		
INTRAAX AANT 23K suspension (14" RH; 16" with bolt-on frame brackets; Std. travel)	S-33669	4
INTRAAX AAT 23K suspension (14" RH - Std. travel)		
INTRAAX AAT 23K RCA suspension (14" or 16" RH – Limited Rebound Travel)		
INTRAAX AANT 23K suspension (15" and 17" RH; 16" RH with weld-on frame brackets; Std. travel)	S-33669-3	2
INTRAAX AAT 23K suspension (15" - 17" RH; Std. travel)		
<b>ZMD DOWN STOP BOLT KIT</b>		
VANTRAAX HKANT 40K slider (16" RH; Requires QUIK-DRAW)		
INTRAAX AANT 23K suspension (14" - 17" RH; Std. travel)	S-24049/2	4
INTRAAX AAT 23K suspension (14" RH – 17" RH – Std. travel)		
INTRAAX AAT 23K RCA suspension (14" or 16" RH – Limited Rebound Travel)		

# RECOMMENDED STOCKING LIST



DESCRIPTION	PART NO.	RECOMMENDED STOCK QTY.
<b>ZMD® DOWN STOP KIT</b> (Includes down stop and hardware)		
ULTRAA-K® UTKNT 40K slider (units after March 2017)	S-38100-1	4
<b>PIVOT BUSHING KITS</b> (Includes bushing, pivot bolt kit, wear pads and lubricant)		
QUIK-ALIGN®, wide bushing	S-24691	4
QUIK-ALIGN, narrow bushing (includes 2 bushings)	S-26321	3
Welded alignment, wide bushing	S-6914	4
<b>PIVOT CONNECTION HARDWARE</b>		
Alignment collar — most welded alignments	S-2770	4
Alignment collar — QUIK-ALIGN® concentric (inner)	S-20924	4
Alignment collar — QUIK-ALIGN eccentric (outer)	S-20925	4
Bushing tube spacer — wide pivot connection	S-21099	4
Bushing tube spacer — narrow pivot connection	S-26807	4
<b>PIVOT BOLT KITS</b> (Alignment collars not included)		
QUIK-ALIGN, wide bushing	S-24679	4
QUIK-ALIGN, narrow bushing	S-24705	4
<b>U-BOLT KITS</b> (One U-bolt with nuts and washers)		
HT™ HT250US suspension (5.5" and 6.5" RH, flattened bolt)	S-22894/4	1
Most HT / HS top-mount and HT underslung HT190U suspensions	S-21140/4	2
Axle spacer (Must use with flattened U-bolt)	S-20701	2
<b>TOOLS</b>		
Bushing Tool, wide bushing	S-21307	1
Bushing Tool, narrow bushing	S-24736	1
E-20 socket — 1" drive	S-24536	1
<b>QUIK-DRAW® PNEUMATIC PIN PULL SYSTEM</b>		
Three-way auto reset valve with fittings	VS-25224	2
Three-way auto reset valve with fittings (ULTRAA-K units built in and after November 2022)	VS-41590-1	2
Three-way auto reset valve	VS-25223	2
48" & 54" box front actuator (cast iron – units built before Feb. 2015)	S-28061-2	1
48" & 54" rear actuator (cast iron – units built before Feb. 2015)	S-28062-2	1
48" & 54" box front actuator with fittings (composite – units built in and after Feb. 2015)	S-35294-2	1
48" & 54" rear actuator with fittings (composite – units built in and after Feb. 2015)	S-35295-2	2
<b>SLIDER LOCKING PIN - UNITS BUILT BEFORE SEPT. 2012</b>		
1.375" Diameter, 4" hole center (TTMA)	S-28290	4
1.375" Diameter, 6" hole center	S-28290	4
1.625" Diameter, 4" hole center	S-28289	4
<b>UNITS BUILT AFTER SEPT. 2012 – 40K &amp; 50K / JULY 2014 – other VANTRAAX®</b>		
1.375" Diameter, 4" hole center (TTMA)	S-32389	4
1.375" Diameter, 6" hole center	S-32389	4
1.625" Diameter, 4" hole center	S-32388	4



# RECOMMENDED STOCKING LIST

DESCRIPTION	PART NO.	RECOMMENDED STOCK QTY.
<b>SLIDER ACCESSORIES</b>		
Body rail clip — 2" hole centers (HS slider)	S-22366	2
Body rail clip — 1.5" hole centers (HS slider)	S-14108	2
Body rail clip — use with 6" hole centers and 1.375" lock pin	S-24460	2
Body rail clip — use with 4" hole centers and 1.625" locking pin	S-24459	2
SURELOK® air spring actuator assembly	S-25593	2
<b>BOLT-ON END STOP (ULTRAA-K® 4" body rail hole spacing only)</b>		
Left front rail and right rear rail — .188" thickness	S-34821-1	2
Right front rail and left rear rail — .188" thickness	S-34821-2	2
Left front rail and right rear rail — .232" thickness	S-35761-1	2
Right front rail and left rear rail — .232" thickness	S-35761-2	2
<b>VALVES AND HARDWARE</b>		
Height control valve	VS-227	4
Height control valve — ULTRAA-K® UTKNT 40K slider	VS-33704-3	5
Bolted link assembly	S-14187	3
4-way push pull system — for use with SURELOK system	VS-14179	1
3-way ball valve	VS-22535	2
Differential height control valve with dump for DST®	VS-27116	1
4-way air pilot valve	VS-2552	1
3-way air pilot valve	VS-23588	1
<b>TIREMAAX® ACCESSORIES</b>		
CP or CP Integrated controller assembly	VS-29865-100	OPTIONAL
PRO controller assembly	VS-32074-100	OPTIONAL
EC or CP hubcap — HN grease (spindle-mounted rotary union)	VS-29566-1	2
EC or CP hubcap — HN oil (spindle-mounted rotary union)	VS-29566-3	2
EC or CP hubcap — HP grease (spindle-mounted rotary union)	VS-29566-2	2
EC or CP hubcap — HP oil (spindle-mounted rotary union)	VS-29566-4	2
CP Integrated hubcap — HN oil (hubcap-mounted rotary union)	VS-32068-1	2
CP Integrated hubcap — HN grease (hubcap-mounted rotary union)	VS-32068-3	2
CP Integrated hubcap — HP oil (hubcap-mounted rotary union)	VS-32070-1	2
CP Integrated hubcap — HP grease (hubcap-mounted rotary union)	VS-32070-3	2
PRO hubcap — HN oil (hubcap-mounted rotary union)	VS-32055-1	2
PRO hubcap — HN grease (hubcap-mounted rotary union)	VS-32055-3	2
PRO hubcap — HP oil (hubcap-mounted rotary union)	VS-32056-1	2
PRO hubcap — HP grease (hubcap-mounted rotary union)	VS-32056-3	2
PRO hubcap — HX grease	VS-40870-3	2
PRO-LB hubcap — HX grease	VS-41202-3	2
ABS junction harness 3-foot; 3-way connector	VS-30270-1	1

Continued on page 6

# RECOMMENDED STOCKING LIST



DESCRIPTION	PART NO.	RECOMMENDED STOCK QTY.
<b>TIREMAAX® ACCESSORIES</b> (Continued)		
PRO or CP Integrated thermoplastic tire hose, straight — dual (22.5", steel or combo)	VS-33767-1	4
PRO or CP Integrated thermoplastic tire hose, straight — dual (22.5", aluminum)	VS-33767-5	4
PRO or CP Integrated thermoplastic tire hose, 180 degree — dual (22.5", aluminum steel or combo)	VS-33769-1	8
PRO or CP Integrated thermoplastic tire hose, straight – super single (22.5", aluminum and steel)	VS-33767-3	2
EC or CP tee fitting — dual	VS-29854	4
EC or CP elbow fitting — super single	VS-30002	4
EC or CP tee fitting guard — for use with stemco extended hubcaps	VS-30451	4
EC or CP rotary union kit	S-28622	4
EC or CP Axle hose clamp	VS-26451	2
EC or CP spindle plug assembly — HN (1.75")	VS-27448	2
EC or CP spindle plug assembly — HP (2.50")	VS-27839	2
EC or CP axle hose for INTRAAX®/ VANTRAAX® suspensions	VS-29094-1	1
PRO or CP Integrated spindle plug assembly — HN (1.75")	VS-33092-1	1
PRO or CP Integrated spindle plug assembly — HP (2.75")	VS-33092-2	1
PRO or CP Integrated axle hose for INTRAAX / VANTRAAX suspensions	VS-32087-1	1
PRO or CP Integrated axle vent for INTRAAX / VANTRAAX suspensions	VS-32101	1
Target Gauge – CP with spindle-mounted rotary union	VS-30468	1
Target Gauge – CP with hubcap-mounted rotary union	VS-32344	1
Target Gauge – PRO	VS-32331	1
Trailer Mounted Indicator light kit - Incandescent	VS-28059	1
Plug driver — handle	S-27399	1
Plug driver — HN (1.75")	S-28146-1	1
Plug driver — HP (2.75")	S-28146-3	1

## AIR DISC BRAKE COMPONENTS

### HENDRICKSON MAXX22T™

Pad kit	S-42229-1	Minimum of 4
Caliper - Left Handed	S-35973-L	1
Caliper - Right Handed	S-35973-R	1
Guide bolt kit	S-35303-4	2
Gasket kit	S-32676-3	1

### HENDRICKSON MAXX22T™ with OUTBOARD MOUNTED ROTOR

HX Inner and Outer Cup and Cone Assembly	S-32267-4T	4
Premium Hendrickson HX Seal Kit	S-37432-5	4
Outboard Mounted Rotor Hub / Rotor Assembly	S-40784-2	2
Outboard Mounted Rotor Hub	S-40782-1	2
Outboard Mounted Rotor Kit	S-41663-2	2
Outboard Mounted Rotor Non-TIREMAAX Hubcap	S-41293-2	4



## RECOMMENDED STOCKING LIST

DESCRIPTION	PART NO.	RECOMMENDED STOCK QTY.
<b>BENDIX ADB22X</b>		
Pad kit	S-29152-2	Minimum of 4
Splined rotor	S-29152-17	2
Caliper - Left Handed	S-33647-2	1
Caliper - Right Handed	S-33647-3	1
Guide pin kit	S-29152-9	2
Air chamber, Type 18/24, INTRAAX® AAT / AANT and TRLAXLE® - Left Handed	S-38105-L	2
Air chamber, Type 18/24, INTRAAX AAT / AANT and TRLAXLE - Right Handed	S-38105-R	2
Air chamber, Type 18/24, INTRAAX AAL, AAEDL and AAEDT - Unhanded	S-38105-U	2
<b>WABCO PAN22</b>		
Pad kit	S-41165-1	Minimum of 4
Caliper - Left Handed	S-33648-2	1
Caliper - Right Handed	S-33648-3	1
Guide bolt kit	S-32676-4	2
Gasket kit	S-32676-3	1
Air chamber, Type 20, INTRAAX AAT / AANT and TRLAXLE - Left Handed	S-32793-L	2
Air chamber, Type 20, INTRAAX AAT / AANT and TRLAXLE - Right Handed	S-32793-R	2
Air chamber, Type 20, INTRAAX AAL, AAEDL and AAEDT - Unhanded	S-32793-U	2
Air chamber, Type 20/24, INTRAAX AAT / AANT - Left Handed	S-38723-L	2
Air chamber, Type 20/24, INTRAAX AAT / AANT - Right Handed	S-38723-R	2
Air chamber, Type 20/24, INTRAAX AAL, AAEDL and AAEDT - Unhanded	S-38723-U	2
<b>S-CAMS</b>		
Most INTRAAX and VANTRAAX suspensions — curbside 28 spline, for HXS® and standard lining, 16.5" brakes	S-24636-1R	4
Most INTRAAX and VANTRAAX suspensions — roadside 28 spline, for HXS and standard lining, 16.5" brakes	S-24636-1L	4
<b>CAM TUBE SYSTEM™ KITS</b>		
Cam Tube System service kit, 16.5" x 7" Brakes	S-28890	5
<b>DUST SHIELD KITS</b>		
16.5" Dust shield kit for 5" axle	S-28500-1650	4
16.5" Dust shield kit, LDA™ Large-Diameter Axle	S-28500-1657	4

*Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.  
All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.  
Contact Hendrickson for additional details regarding specifications, applications, capacities, operation, service and maintenance instructions.*

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



[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

**TRAILER COMMERCIAL VEHICLE SYSTEMS**

2070 Industrial Place SE  
Canton, OH 44707-2641 USA  
866.RIDEAIR (743.3247)  
Fax 800.696.4416

**Hendrickson Canada ULC**

2825 Argentia Road, Unit #1 - 4  
Mississauga, ON Canada L5N 8G6  
800.668.5360  
905.789.1030 • Fax 905.812.9423

**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

L1181 Rev P 02-25

© 2010 - 2025 Hendrickson USA, L.L.C. All Rights Reserved. All trademarks shown are owned by Hendrickson USA, L.L.C., or one of its affiliates, in one or more countries.  
Information contained in this literature was accurate at the time of publication. Product changes may have been made after the copyright date that are not reflected.

Printed in United States of America