

HENDRICKSON USE ONLY

ORDERING GUIDE

VANTRAAX® SLIDER SUSPENSION

LIT NO: L544

DATE: June 2007

REVISION: M

FORM INSTRUCTIONS:

For price and model number information on a VANTRAAX® slider suspension system, fax this completed form to 800.696.4416 in the U.S. or 905.789.1033 in Canada. For additional assistance, please call toll-free 866.RIDEAIR (743.3247) in the U.S. or 800.668.5360 in Canada.

TO: _____ **FROM:** _____ **COMPANY NAME:** _____

DATE: _____ **PHONE:** _____ **FAX:** _____

SAME AS: _____ **EXCEPT:** _____

SLIDER/SUSPENSION

AXLE ARRANGEMENT:	<input type="checkbox"/> SINGLE		<input type="checkbox"/> TANDEM					<input type="checkbox"/> TRIDEM		
RAMP-READY:	No		<input type="checkbox"/> No					<input type="checkbox"/> Yes		
SLIDER MODEL:	<input type="checkbox"/> HKANT 23K ¹	<input type="checkbox"/> HKANT 40K	<input type="checkbox"/> HKANT 46K		<input type="checkbox"/> HKAT 50K	<input type="checkbox"/> HKAL 46K	<input type="checkbox"/> HKARL 46K	<input type="checkbox"/> HKAT 69K23	<input type="checkbox"/> HKAT 69K25	
AXLE SPREAD:	N/A	49"	<input type="checkbox"/> 49"	<input type="checkbox"/> 121"	49"	49"	49"	<input type="checkbox"/> 60" <input type="checkbox"/> 72"	<input type="checkbox"/> 60" <input type="checkbox"/> 72"	
RIDE HEIGHT:	<input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17" <input type="checkbox"/> 19"	<input type="checkbox"/> 10" <input type="checkbox"/> 11"	<input type="checkbox"/> 10" <input type="checkbox"/> 11"	<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17"	
BOX WIDTH / AXLE TRACK²:	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5"	48" / 77.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"
PRE-ALIGNED:	No	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	No	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	No	No	
SLIDER PIN EXTRACTOR:	<input type="checkbox"/> QUIK-DRAW® <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	<input type="checkbox"/> QUIK-DRAW <input type="checkbox"/> QUIK-DRAW No Valve	

1. HKANT 23K model is not available in "high control" for single-axle, multi-trailer applications.
 2. Refer to L864 — *Wide Base Tire Configuration Bulletin* for track / wheel recommendations.

SLIDER/SUSPENSION (CONTINUED)

L544 Rev M

BODY RAIL STYLE³:	<input type="checkbox"/> 1.375" x 6" HC	<input type="checkbox"/> 1.625" x 4" HC	<input type="checkbox"/> 1.375" x 4" HC (TTMA)
SLIDER BOX SHIMS:	<input type="checkbox"/> No	<input type="checkbox"/> Standard .18"	<input type="checkbox"/> Thick .25" (TTMA)
SHOCK STRAPS:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
WALK / DROP SOLUTIONS⁴:	<input type="checkbox"/> No	<input type="checkbox"/> SURELOK [®] Installed	<input type="checkbox"/> SURELOK Capable (HKANT Models Only) <input type="checkbox"/> DST [™]
SURELOK AIR KIT:	<input type="checkbox"/> N/A	<input type="checkbox"/> Manual Bypass	<input type="checkbox"/> Manual Bypass with Dump <input type="checkbox"/> Specialized Auto Dump
	<input type="checkbox"/> Manual Bypass and Specialized Auto Dump	<input type="checkbox"/> No Valve Included (Order Valve Separately)	
SURFACE COATING:	<input type="checkbox"/> Standard Black Primer	<input type="checkbox"/> Finished Black Soft Coat	

A X L E

SPINDLE:	<input type="checkbox"/> P90 [™]	<input type="checkbox"/> HN	<input type="checkbox"/> HP
AXLE WALL⁴:	<input type="checkbox"/> Standard	<input type="checkbox"/> Heavy Duty (Limited Availability by Model)	
TIRE INFLATION SYSTEM⁵:	<input type="checkbox"/> No	<input type="checkbox"/> TIREMAAX [®] (Complete Worksheet on Page 4)	<input type="checkbox"/> 3-Hole Prep

B R A K E S

BRAKE TYPE:	<input type="checkbox"/> Drum	<input type="checkbox"/> Air Disc (Complete L895 – <i>Air Disc Brake Ordering Guide</i>)		
BRAKE SIZE:	<input type="checkbox"/> 16.5" x 7"	<input type="checkbox"/> 16.5" x 7" HXS [®]	<input type="checkbox"/> 16.5" x 8-5/8" HXS	
BRAKE SHOE / LINING:	<input type="checkbox"/> Abex 3030-197	<input type="checkbox"/> Abex 931-162	<input type="checkbox"/> Haldex 2020-1	
	<input type="checkbox"/> Brakepro CM18	<input type="checkbox"/> Carlisle CF2000	<input type="checkbox"/> Haldex 2015-2	
S-CAM:	<input type="checkbox"/> 28 Spline	<input type="checkbox"/> 10 Spline		
DUST SHIELD:	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
ABS SENSOR:	<input type="checkbox"/> No	<input type="checkbox"/> Haldex 19.7"	<input type="checkbox"/> Wabco 15.7"	
ABS SENSOR LOCATION:	Single:	<input type="checkbox"/> None	<input type="checkbox"/> 2	
	Tandem:	<input type="checkbox"/> None	<input type="checkbox"/> 2 – Front	<input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both
	Tridem:	<input type="checkbox"/> None	<input type="checkbox"/> 2 – Front	<input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear
		<input type="checkbox"/> 4 – Front and Middle	<input type="checkbox"/> 4 – Front and Rear	<input type="checkbox"/> 4 – Middle and Rear <input type="checkbox"/> 6 – All



ARE YOU ORDERING WHEEL-END OPTIONS?

 No (Complete Remainder of Page 2 and Go to Page 4) Yes (Go to Page 3)

BRAKE CHAMBER:	<input type="checkbox"/> No	<input type="checkbox"/> Standard 30/30, 2.5" Stroke	<input type="checkbox"/> Other:
BRAKE CHAMBER WARRANTY:	<input type="checkbox"/> No	<input type="checkbox"/> Standard (4-Year Limited)	<input type="checkbox"/> Extended Life (6-Year Limited)
BRAKE ADJUSTER:	<input type="checkbox"/> No	<input type="checkbox"/> Standard 5.5"	<input type="checkbox"/> Standard 6.0" <input type="checkbox"/> Other:
SPINDLE NUT:	<input type="checkbox"/> No	<input type="checkbox"/> Standard 3-Piece Nut	

3. Information purposes only; Hendrickson does not supply body rails.

4. When SURELOK is specified on HKAT 69K23 tridem models, axle wall must be heavy duty.

5. Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor brand tire inflation system installed on a Hendrickson suspension. Any consequential damages to the Hendrickson suspension resulting from a failure to the competitor brand tire inflation system or components, whether installed by the OEM, repair facility or end-user customer, should be directed to the respective tire inflation system manufacturer for warranty coverage.

	<input type="checkbox"/> PACKAGE 1 Standard Service (1-Year Limited Warranty ⁷)	<input type="checkbox"/> PACKAGE 2 HVS – Hendrickson Value System (3-Year Limited Warranty ⁷)	<input type="checkbox"/> PACKAGE 3 HLS™ – Hendrickson Long-Life System (5-Year Limited Warranty ⁷)	<input type="checkbox"/> PACKAGE 4 HUS®– Hendrickson Unitized System (7-Year Limited Warranty ⁷)
SPINDLE:	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	P90™
HUB MATERIAL:	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> ADI	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> ADI <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> ADI <input type="checkbox"/> Aluminum	Ductile Iron
HUB STYLE:	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted
NUMBER OF STUDS:	10	10	10	10
BOLT CIRCLE DIAMETER:	11.25"	11.25"	11.25"	11.25"
WHEEL MATERIAL⁸:	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum
DUAL / SUPER SINGLE⁸: (SS) Short Stud (LS) Long Stud	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)
DRUM MATERIAL⁸:	<input type="checkbox"/> Cast <input type="checkbox"/> Fused	<input type="checkbox"/> Cast <input type="checkbox"/> Fused	<input type="checkbox"/> Cast <input type="checkbox"/> Fused	<input type="checkbox"/> Cast <input type="checkbox"/> Fused
LUBE TYPE:	SAE 80/90	SAE 80/90	Semi-Fluid Grease	Synthetic Grease
SEAL:	Standard	Standard	Standard	Standard
BEARING:	Standard	Standard	Standard	Standard
SPINDLE NUT:	Standard 3-Piece Nut	Standard 3-Piece Nut	Standard 3-Piece Nut	HUS Nut System
HUBCAP TYPE:	Standard Bolt-On	Standard Bolt-On	Standard Bolt-On	Standard Screw-On
ABS TONE RING:	Yes	Yes	Yes	Yes
BRAKE CHAMBER:	Standard 30/30, 2.5" Stroke	Standard 30/30, 2.5" Stroke	Premium 30/30, 2.5" Stroke	Premium 30/30, 2.5" Stroke
BRAKE ADJUSTER:	Standard 5.5"	Standard 5.5"	Standard 5.5"	Standard 5.5"

DRUM OPTIONS

DRUM DUTY:	<input type="checkbox"/> Standard	<input type="checkbox"/> Heavy Duty
DRUM BALANCING:	Balanced	
WHEEL FASTENERS:	<input type="checkbox"/> Yes ⁹	<input type="checkbox"/> No

6. Consult a customer service representative to ensure the compatibility of the wheel-end equipment with the other selected suspension parameters.

7. Refer to Hendrickson publication L583, *Comprehensive Warranty Statement* for complete details.

8. Information purpose only, not for ordering. Contact Hendrickson for the axle rating when offset wheels are used.

9. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch-wrapped to each wheel-end.

ACCESSORY ITEMS (Not Included in VANTRAAX® Model Number — Sold Separately)

STINGER:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Length:	<input type="checkbox"/> 32"	<input type="checkbox"/> 36"
HEIGHT CONTROL VALVE:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Integral Dump:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
SINGLE AXLE SLIDER REPOSITIONING KIT¹⁰:	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
MANUAL DUMP VALVE:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	With Enclosure:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
MUD FLAP BRACKET:	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
STOP BAR:	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
UNIVERSAL LOAD SCALE KIT:	<input type="checkbox"/> Yes	<input type="checkbox"/> No			

TIREMAAX® KIT WORKSHEET¹¹ (Not Included in VANTRAAX Model Number — Sold Separately)

HUBCAP TYPE:	<input type="checkbox"/> Bolt-On	<input type="checkbox"/> Screw-On
LUBE TYPE:	<input type="checkbox"/> SAE 80/90	<input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Grease (HUS® Only)
WHEEL STYLE:	<input type="checkbox"/> Dual	<input type="checkbox"/> Super Single
TIRE SIZE:	<input type="checkbox"/> 17-19.5"	<input type="checkbox"/> 22.5" <input type="checkbox"/> 24.5"
ECU COLD TIRE PRESSURE SETTING (psi)¹²:	<input type="checkbox"/> 70 <input type="checkbox"/> 75 <input type="checkbox"/> 80 <input type="checkbox"/> 85 <input type="checkbox"/> 90 <input type="checkbox"/> 95 <input type="checkbox"/> 100	<input type="checkbox"/> 105 <input type="checkbox"/> 110 <input type="checkbox"/> 115 <input type="checkbox"/> 120 <input type="checkbox"/> 125 <input type="checkbox"/> 130
TRAILER-MOUNTED WARNING LAMP KIT:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
WIRING HARNESS:	<input type="checkbox"/> Premium, 15-Foot, ABS-Ready	<input type="checkbox"/> ECU Wiring Adaptor Plug
HUBCAP SPACER KIT¹³: (See instructions at right)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

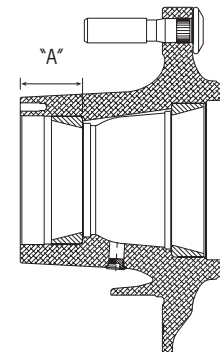
10. Hendrickson recommends the use of a Slider Repositioning Kit for all single-axle sliders used in conjunction with fixed suspensions. The kit locks the brakes and dumps the air on the sliding axle for ease of repositioning.
11. When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.
12. Refer to tire manufacturer's recommended tire pressure.
13. If VANTRAAX is dressed by Hendrickson, select no.

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If the hub bore dimension is less than the dimension shown in the chart, a Hendrickson hubcap spacer kit is required for proper rotary joint assembly clearance.

SPINDLE NUT SYSTEM	Dimension "A"	
	SPINDLE TYPE	
	HN	HP
Standard three-piece	1.52"	1.44"
Stemco PRO-TORQ one-piece	1.69"	2.12"

Dimension "A" is measured from the bottom of the bearing cup to the hubcap mounting surface.



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