

H WARRANTY **HENDRICKSON TRAILER COMMERCIAL VEHICLE SYSTEMS**

SUBJECT: Comprehensive Warranty Statement
USA and Canada

LIT NO: L583

DATE: September 2014

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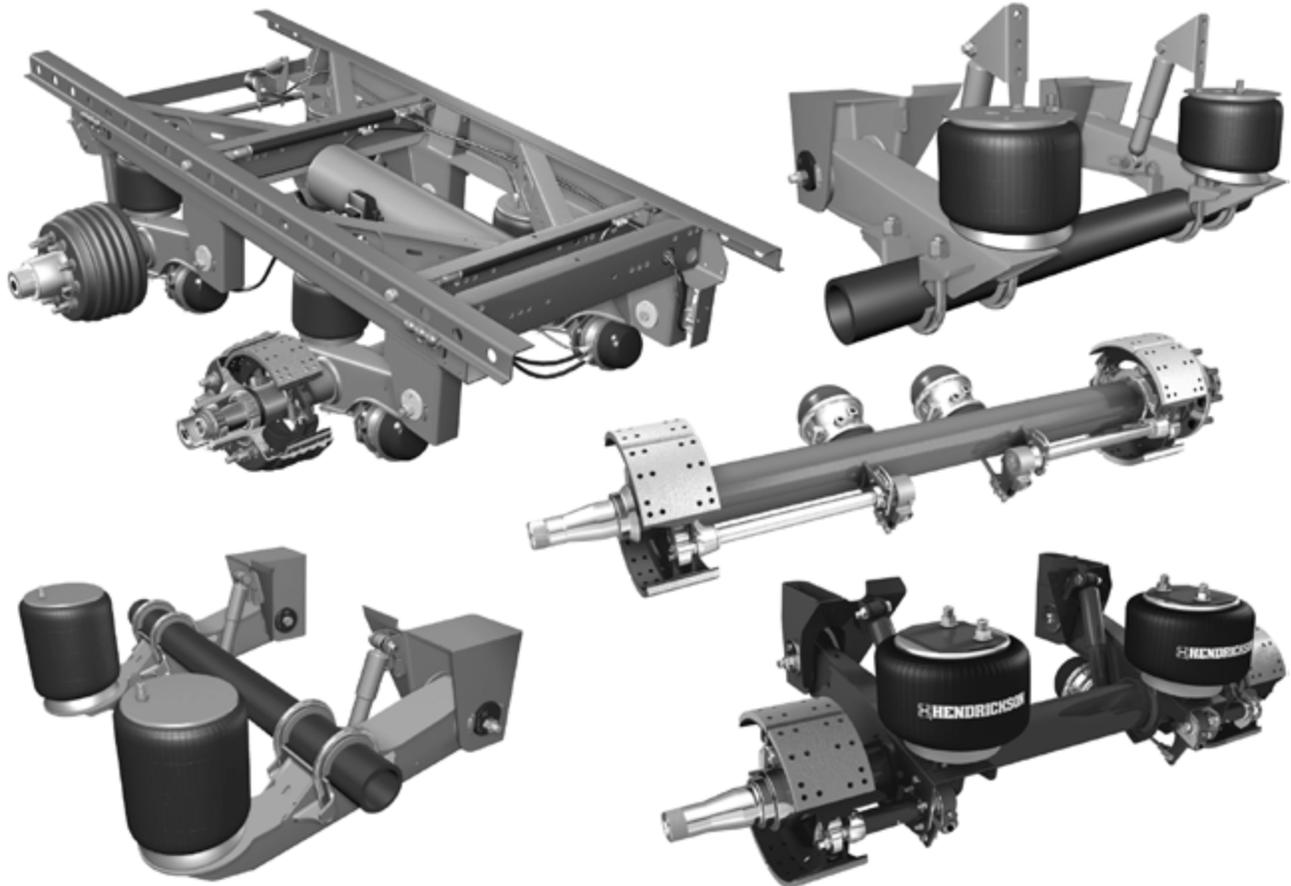


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CONTACT HENDRICKSON

Hendrickson Warranty Department can be contacted using these methods:

Email:

htfs@hendrickson-intl.com

FAX:

800-696-4416
Attn. Warranty

Phone (From the audio menu, select “Technical Services / Warranty”):

866-RIDEAIR (743-3247)

NOTE: If you need warranty information for other markets contact the responsible market directly such as Mexico, contact Hendrickson Mexicana at +52 (442) 296-3600. The terms and coverages in this warranty document apply only to the United States and Canada.

WARRANTY CONDITIONS

Hendrickson Trailer Commercial Vehicle Systems (Hendrickson) warrants, from original date of service, that all trailer suspensions, listed on the following pages, shall be free of defects in material or workmanship. This warranty coverage only applies to those suspensions that have been properly assembled and installed by a trailer original equipment manufacturer (OEM), properly maintained (as described in all applicable Hendrickson publications) and used in the recommended application and within the rated capacities (as described in L707 Hendrickson Application Guide). All non-recommended suspension applications must receive written approval from Hendrickson in order to be covered under this warranty. This warranty is subject to the conditions, exclusions and limitations listed below.

- **Hendrickson reserves the right** to reject a warranty claim for any or all of the following reasons:
 - Original claim was submitted to Hendrickson for a prior year following 60 days into new year.
 - Failure occurred beyond coverage as published in COVERAGE TABLES on page 5 to page 12.
 - Claim information provided is insufficient.
 - Product inspected does not substantiate claim or indicate a failure.

- Product requested was not returned for inspection within 45 days from date of request.
 - » Product returned to Hendrickson under this warranty shall become the property of Hendrickson.
- Further information on warranty claims can be found in CONTACT HENDRICKSON on page 2
- **Prior to the warranty repair or replacement** of suspension systems or parts (by a dealer or other service provider authorized by the OEM of the subject trailer), the warranty claim must first be approved by the Hendrickson Technical Services Department. Trailer dealers should inspect all suspensions involved in a warranty claim and then contact Hendrickson for assistance.
- **Parts to be returned** under a warranty claim must be accompanied by an warranty claim number issued by the Hendrickson Technical Services Department.
- **Parts returned** under a warranty claim number must be sent prepaid. Hendrickson will reimburse the customer for the freight charges if the returned parts are confirmed to be defective or non-functioning.
- **Only genuine Hendrickson parts** or parts sold through Hendrickson, may be used to repair Hendrickson trailer suspension products. Our warranty also applies only to genuine Hendrickson parts.
- **For a listing of typical repairs**, refer to LABOR ALLOWANCES on page 16 through page 22. WARRANTY CLAIM CONSIDERATIONS Technical Services Department to discuss allowances for anything not listed.
- **Hendrickson has the sole discretion and authority** to approve or disapprove a warranty claim, authorize the repair or replacement of non-functioning systems and authorize the repair or replacement of parts.
- **Replacement parts provided under warranty** are not warranted, they simply inherit the remainder of the suspension warranty. Goodwill or giveaway (sales policy) parts provided at no charge have no warranty.
- **Costs and procedures will be determined** when contacting the Technical Services Department to receive warranty authorization. Hendrickson will pay specified LABOR ALLOWANCES, listed beginning on page 16, when applicable following material inspection, determined by the



Hendrickson Technical Services Department for the authorized repair or replacement of any defective component. Hendrickson is not responsible for any additional costs that may be incurred when replacement parts or materials are not acquired through Hendrickson.

WARRANTY CLAIM CONSIDERATIONS

Hendrickson's direct warranty offers convenient claim consideration and resolution within all coverage, provisions and conditions outlined in this document. Before filing a claim, review these considerations:

- **Failure to receive Hendrickson authorization** may result in partial or complete loss of warranty coverage.
 - All warranty claims are subject to review and approval by the Warranty Administrator. Upon review, the dealer's labor hours may be approved, if applicable, in accordance with the warranty policies, coverage guidelines, and published labor allowances.
 - Approved labor hours will be reimbursed at the dealer's posted retail labor rate.
- **Do not destroy parts** being considered for warranty!
 - All parts in question must be returned to Hendrickson for evaluation. Failure to return such parts may result in partial or complete loss of warranty coverage.
 - A return authorization must be obtained and accompany the return.
 - Returned warranty parts must be returned to Hendrickson within 45 days for timely processing of the warranty claim.
- **Shop supply** reimbursement maximum. The maximum amount to be considered for miscellaneous supply, shop supply or job supply reimbursement is 4 percent of invoiced labor charges, up to a maximum of \$20.
- **Hendrickson does not reimburse part costs.** However, Hendrickson will directly replace damaged or non-functioning Hendrickson parts relative to a warranty claim.

COVERAGE

The Hendrickson suspension warranty coverage begins when the vehicle is originally put into service and ends when the time period specified in the warranty WARRANTY CONDITIONS on page 2 through page 12) is reached. Before filing a claim, Review warranty coverage for the component(s), reference COVERAGE TABLES on page 5 through page 12

- **Hendrickson Technical Services Department must authorize repairs** prior to them being performed. (see the LABOR ALLOWANCES on page 16 through page 22 for a listing of typical repairs).

The warranty shall not apply to or include any repair or replacement as a result of the following conditions:

- Bending of any Hendrickson manufactured axle.
- System problems or parts failures that result from improper installation are the responsibility of the installer of the suspension.
- Accident, fire, flood or other casualty.
- Misuse or negligence including, but not limited to, overloading.
- Lack of reasonable and proper maintenance.
- Repairs improperly performed or replacements improperly installed.
- Use of component parts, replacement or otherwise, that are not manufactured or distributed by Hendrickson.
- Modifications not recommended or approved by Hendrickson (in writing).
- Uses other than those intended by Hendrickson and the trailer OEM.
- Normal wear and deterioration occasioned by the use of the suspension system.
- Any damage or failure caused by or otherwise attributed to any vehicle or trailer components, systems or equipment that are not manufactured or distributed by Hendrickson.

The liability of Hendrickson under this warranty is limited solely to the repair or replacement of defective material or workmanship by an authorized party. Hendrickson shall not be liable for repairs performed by any unauthorized parties. This warranty does not include any expense of or related to transportation of the parts to or from the place where the repair is to be performed or compensation for inconvenience or loss of use while the suspension system is being repaired. Hendrickson shall not be liable for



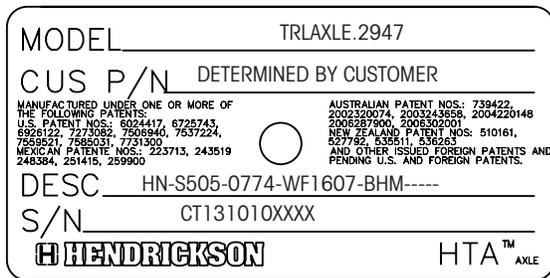
any expense, loss or damage (direct, incidental, consequential or exemplary — including, but not limited to, towing expenses, trailer rental, downtime expenses, cargo damage, incidental charges or any other losses arising in connection with the sale, use or inability to use the suspension system) resulting from the warranty-covered part found to be defective. No expressed warranty is given by Hendrickson with respect to its suspension systems and products except as specifically set forth herein. Any warranty implied by law, including any warranty of merchantability or fitness for a particular purpose, is limited to the expressed warranty term provided in the warranty COVERAGE TABLES on page 5 through page 12.

SUSPENSION IDENTIFICATION (ID TAG)

Each suspension and TRLAXLE includes an attached ID tag (Figure 1). For more details and identification tag locations, refer to L977 or L980 at www.hendrickson-intl.com/literature.



Suspension ID tag, for sliders, located roadside front, on slider rail above frame bracket or on frame bracket. For HT and INTRAAX, located inward side of curbside suspension beam.



Axle ID tag located on inboard (or outboard) leg of brake (air) chamber bracket.

Figure 1: Sample suspension identification tags

SUBMITTING A CLAIM

A Hendrickson warranty claim can be submitted using one of these methods:

ONLINE

The Hendrickson WCS (Warranty Claim System) is located at:

<http://extranet1.hendrickson-intl.com/wcs>

Enter your Login ID and password. If you do not have an ID and password, WARRANTY CLAIM CONSIDERATIONS.

Claims filed prior to 3 pm Eastern time will be reviewed and acknowledged the same day.

EMAIL

Email Hendrickson warranty service at

htfs@hendrickson-intl.com

Include digital photographs via email.

PHONE

866.RIDEAIR (743.3247)

From the audio menu, select "Technical Services / Warranty".

FAX

800-696-4416

Please add "**Attention: Warranty**" at the top of your fax. Be sure to include contact information with the FAX.



REQUIRED CLAIM INFORMATION¹

Details required to file a warranty claim include:

- **Hendrickson suspension** information, (see SUSPENSION IDENTIFICATION (ID TAG) on page 4) –
 - Suspension model number
 - Suspension serial number
 - Approximate number of suspension miles
- **Trailer information** (located on VIN plate) -
 - Type (van, reefer, flat bed, etc...)
 - Manufacturer
 - VIN (vehicle identification number)
 - In-service date²
- Description of the system problem, the part number and/or the part description of the reported non-functioning part.
- **Date of failure.**
- Where applicable: **location of problem** on suspension / trailer; e.g., road side, front axle, rear axle, curb side rear, etc.
- **Digital photos** of suspension and damaged areas.
- **Special application** approval documentation (if applicable).
- **Labor description**, cost and time (if applicable according to COVERAGE TABLES on page 5 through page 12 and LABOR ALLOWANCES on page 16 through page 22).

COVERAGE TABLES

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The coverage periods in the following table apply when the suspension has been properly assembled and installed by a trailer original equipment manufacturer (OEM), properly maintained (as described in all applicable Hendrickson publications) and used in the recommended application and within the rated capacities (as described in Hendrickson publication L707 Hendrickson Application Guide). Coverage may differ on some items used in applications for which special written approval from Hendrickson has been granted. For more warranty coverage information, Refer to WARRANTY CLAIM CONSIDERATIONS. If you need warranty information for Mexico, contact Hendrickson Mexicana at +52 (442) 296-3600 or refer to Hendrickson publication L826SP *Póliza de Garantía - México* for warranty information.

MILEAGE TERMS

The parts and labor warranty coverage periods in the following table are based on a typical annual average usage of 100,000 miles. However, some high-mileage applications can easily reach 250,000 miles per year and above. Hendrickson, at its sole discretion, may adjust warranty coverage on a case-by-case basis for applications exceeding 100,000 miles per year during the respective warranty period.

NOTE: The COVERAGE TABLES include a column for “SUSPENSION DESC” (descriptions) which are in the form of acronyms. A list of these acronyms, along with definitions, can be found on page 23 at the back of the book.

¹ The information details listed apply to Hendrickson Trailer Suspension Systems and related components. Trailer information is required to understand suspension application and coordination with trailer manufacturers.

² If the in-service date is unknown or not available, the vehicle date of manufacture will be substituted.



COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION	SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
SLIDER SUSPENSION SYSTEMS				
SLIDER SUSPENSION SYSTEMS - VANTRAAX ULTRAA-K™				
Slider Box Assembly	UTKNT40K	5 years	5 years	Includes slider weldments, slider pins, pin return springs and related hardware. Does not include slider wear pads.
Air Springs	UTKNT40K	3 years	3 years	
Pivoting Mud Flap Bracket Assembly	UTKNT40K	3 years	1 year	
VANTRAAX ULTRAA-K SLIDER STRUCTURAL CORROSION WARRANTY²¹				
Slider Box Weldment	UTKNT40K	10 years	5 years	Includes slider box weldments equipped with Hendrickson-applied hot wax coating only.
SLIDER SUSPENSION SYSTEMS - VANTRAAX				
Slider Box Assembly	All	5 years	1 year	Includes slider weldments, slider pins, pin return springs and related hardware. Does not include the slider wear pad.
ZMD® Air Springs	All	3 years	2 years	
Air Springs	All	2 years	1 year	
SLIDER SUSPENSION AND AXLE¹ COMPONENTS - ALL				
Integrated Trailing Arm-to-Axle Connection	AA, AAZ, HKA, UTK	10 years	5 years	
Integrated Axle / Trailing Arm Assembly ²	HKANT40K, HKANT46K, UTKNT40K	10 years	5 years	49" Closed-Space van applications ⁶
Integrated Axle / Trailing Arm Assembly ²	AA, AAZ, HKA, RS	5 years	1 year	
Frame Brackets (Hangers)	All	5 years	1 year	
Trailing Arms (Beams)	HT, T	5 years	1 year	
Shock Absorbers	All	2 years	2 years	
QUIK-ALIGN® Pivot Assembly	All	1 year	1 year	For non pre-aligned systems, proper trailer OEM installation is required. ⁴
NARROW TRI-FUNCTIONAL III BUSHINGS AND BUSHING TUBE SPACERS				
49" Closed-Space Van Applications ⁶	HKANT40K, HKANT46K, UTKNT40K	7 years	7 years	Refer to <u>BUSHINGS</u> for other bushing types and coverage.
Wide-Spread Van and / or Lifiable Axle ⁷	AAZNT, HKANT, HKANL	5 years	3 years	
QUIK-DRAW® SLIDER PIN-PULL MECHANISMS				
Air Actuator	HK, HKA, UTK, AAZ	3 years	3 years	

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

** Refer to HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23.

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COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION	SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
PRIMARY FIXED AND LIFTABLE SUSPENSIONS				
SUSPENSION AND AXLE¹ COMPONENTS				
Integrated Axle / Trailing Arm Assembly²	AA	5 years	1 year	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year
Integrated Trailing Arm-to-Axle Connection	AA	10 years	5 years	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year
Non-Integrated, Trailing-Arm-to-Axle Connection	B2AHT	1 year	1 year	
Frame Brackets (Hangers)	All	5 years	1 year	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year
Trailing Arms (Beams)	HT T	5 years	1 year	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year
Air Springs	All	2 years	1 year	
Shock Absorbers	All	2 years	2 years	
QUIK-ALIGN Pivot Assembly	All	1 year	1 year	Proper trailer OEM installation is required ⁴
BUSHINGS				
WIDE TRI-FUNCTIONAL II BUSHINGS AND BUSHING TUBE SPACERS				
49" Closed-Spaced Van Applications⁶	AAL, AAT, HT, HKAT, HKAL, HKARL, HK	7 years	5 years	
Vocational, Wide-Spread Van and/or Liftable Axle⁷	AAL, AAT, AAEDT, AAEDL, AAZL, HT, HKAT	5 years	3 years	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year
NARROW TRI-FUNCTIONAL III BUSHINGS AND BUSHING TUBE SPACERS				
Vocational, Wide-Spread Van and / or Liftable Axle⁷	AANT, AANL, AANLS, AAZNT, HKANT, UTKNT	5 years	3 years	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year
PIVOT BUSHINGS				
49" Closed-Space Van Applications⁶	RF, RS	7 years	5 years	
Vocational, Wide-Spread Van and / or Liftable Axle⁷	RF	5 years	3 years	If used in the raw wood industry³: Parts - 3 years, Labor - 1 year

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

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COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION	SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
AXLES ¹ (TRLAXLE)				
Axle, Trailer (non-integrated, includes brackets)	Axle only	5 years	1 year	Includes intermodal chassis. Warranty void when brake camshaft rotation is opposite of wheel rotation.
For integrated axles, see SLIDER SUSPENSION SYSTEMS or PRIMARY FIXED AND LIFTABLE SUSPENSIONS				
AFTERMARKET PARTS				
Genuine Hendrickson Replacement Parts (not installed as part of a warranty repair)	All	1 year	N/A	Requires original purchase or installation invoice.
MAXILOK® TRAILER-SUPPORT SYSTEM				
Mechanical Components	HT250U, HT200UM	3 years	1 year	
ALL OTHER SUSPENSION AND SLIDER COMPONENTS ⁵				
Suspension and Slider Components	All	1 year	1 year	Includes slider wear pads (upper) and all other mechanical pin release / activation components.

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

** Refer to HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23.

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COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION	SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
BRAKES				
DRUM BRAKE COMPONENTS - HENDRICKSON INSTALLED				
Brake Linings and All Brake related Hardware	All	1 year	1 year	Excludes all normal wear. Warranty void when brake camshaft rotation is opposite of wheel rotation.
AAXTREME COAT™ Brake	All	3 years	3 years	
Brake Camshaft	All	3 years	1 year	Includes corrosion of shoe table.
Cam Tube (Off-Highway Applications)	All	3 years	1 year	Excludes brake camshaft wear.
Cam Tube (Highway Applications)	All	3 years	3 years	
Automatic Slack Adjusters	All	5 years ^g	1 year	Off-highway - 1 year parts. Coverage limited to components sold and installed by Hendrickson, but not included in a wheel-end package (excludes normal wear on brake drums).
Brake Chamber (Premium 30/30)	All	6 years ^g	1 year	
Brake Chamber (All others)	All	3 years ^g	1 year	
Brake Drums (cast) — Not Overheated	All	1 year	1 year	
Brake Drums (Motor Wheel CentriFuse®)	All	1 year	N/A	
AIR DISC BRAKE (ADB) COMPONENTS - HENDRICKSON INSTALLED				
Hendrickson MAXX™22T	All	5 years	1 year	Includes all brake related hardware, caliper, rotor and brake chamber. Excludes all normal wear.
Brake Pads and All Brake Related Hardware	All	1 year ^g	1 year	Excludes all normal wear. Bendix ADB not approved in Dolly application.
Caliper	All	1 year ^g	1 year	
Rotors	All	1 year ^g	1 year	
Brake Chamber	All	1 year ^g	1 year	

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

** Refer to HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23.

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COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION		SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
HENDRICKSON WHEEL-END PACKAGES ¹⁷					
Extended Service Hub Assembly	HVS^{® 10}	All	3 years	3 years	Coverage limited to components sold and installed by Hendrickson.
	HLS^{® 11}	All	5 years	5 years	
	HUS^{® 12, 13, 14}	All	7 years	7 years	
	HXL3^{® 10}	All	3 years	3 years	
	HXL5^{® 11}	All	5 years	5 years	
	HXL7^{® 15}	All	7 years	7 years	
Standard Service Hub Assembly		All	1 year	1 year	Coverage limited to components sold and installed by Hendrickson.
OTHER WHEEL-END PACKAGES					
ConMet PreSet[®]		All	5 years	5 years	Coverage limited to components sold and installed by Hendrickson. ConMet will administer their published warranty coverage direct with the customer. www.CONMET.com
OPTIONS					
SURELOK[®] TRAILER RIDE HEIGHT LOCK					
Mechanical Components (Factory Installed Only)		HK, HKA, UTK, AANT	3 years	1 year	
Air Actuator (Factory Installed Only)		HK, HKA, UTK, AANT	1 year	1 year	
Retrofit Kits (Not Factory Installed Components)		HK, HKA, AANT, UTK	1 year	1 year	Requires verification of kit number and includes retrofit air control kit.
LIFT AXLE SYSTEMS (UBL [™] Under Beam Lift [™] and all others)					
All Components		All applicable	1 year	1 year	Proper OEM installation required.

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

** Refer to HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23.

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COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION	SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
CONTROLS				
Air and Electronic Controls (Excluding TIREMAAX®)	All, including non-Hendrickson suspensions.	1 year	1 year	Coverage limited to new trailer installations. Excludes TIREMAAX controls.
	All, including non-Hendrickson suspensions.	1 year	N/A	Coverage limited to used trailer installations. Excludes TIREMAAX controls.
Single Axle Dump Valve	All	1 year	N/A	Warranty applies to valve only when installed together with competitor suspension or any used suspension.
TIREMAAX® PRO AND CP TIRE INFLATION SYSTEMS (Applies to systems with hubcap-mounted rotary union purchased after January 2012) ² , ¹⁶ , ¹⁷ , ¹⁸				
TIREMAAX INTEGRATED WHEEL-END COMPONENTS				
Axle Hose and Hubcap Assembly	All, including non-Hendrickson wheel-ends	5 years	5 years	The Hubcap Assembly includes an integrated rotary union. For HXL7® hubcap and integrated rotary union warranty, refer to HXL7® 15 wheel end warranty.
	HXL7® ¹⁵	7 years	7 years	
TIREMAAX CONTROL COMPONENTS:				
Controller Assembly (PRO and CP models)	All	3 years	3 years	
Wiring Harness	All	3 years	3 years	
TIREMAAX EXTERNAL WHEEL-END COMPONENTS:				
Tire Hoses	All	3 years	3 years	
TIREMAAX AFTERMARKET RETROFIT KIT:²				
All Kit Components	All	3 years	3 years	If installed on Hendrickson suspension/ axle equipped with HXL5® or HXL7®, coverage of all internal axle components will match the wheel-end package coverage.

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

** Refer to HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23.

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COVERAGE TABLES * (CONTINUED)

ITEM DESCRIPTION	SUSPENSION DESC. **	PARTS	LABOR	COMMENTS (RESTRICTIONS ETC.)
TIREMAAX® EC AND CP TIRE INFLATION SYSTEMS				
(Applies to systems with spindle-mounted rotary union purchased on or before January 2012) ^{2, 16, 17, 18}				
HENDRICKSON-INSTALLED TIREMAAX WITH HENDRICKSON INSTALLED READY-TO-ROLL® WHEEL ENDS: ¹⁹				
Standard Service Hub Assembly	All	3 years	3 years	All internal TIREMAAX axle components installed and assembled by Hendrickson. The trailer OEM completes the installation of remaining purchased TIREMAAX components. Warranty terms do not include competitor tire inflation system components.
ConMet PreSet® Hub Assembly	All	5 years	3 years	
HLS™ (Hendrickson Long-life System) Hub Assembly	All	5 years	3 years	
HUS® Hub Assembly	All	7 years	3 years	
HXL7® Hub Assembly	All	7 years	7 years	
HENDRICKSON-PREPARED TIREMAAX AXLES WITHOUT WHEEL ENDS: ¹⁹				
Axle Hose, Rotary Union and Hubcap	All	3 years	3 years ²⁰	Some TIREMAAX axle components are installed by Hendrickson (including but not limited to axle vent line, axle hoses) — the trailer OEM completes the installation of remaining purchased TIREMAAX components; such as: rotary union, hubcap, etc.
TIREMAAX CONTROL COMPONENTS:				
Controller Assembly (EC and CP models)	All	3 years	3 years	
Wiring Harness	All	3 years	1 year	
TIREMAAX EXTERNAL WHEEL-END COMPONENTS:				
Tire Hoses and Tee Fittings	All	1 year	1 year	
TIREMAAX AFTERMARKET RETROFIT KIT: ²				
All Kit Components	All	1 year	N/A	
COMPETITOR TIRE INFLATION SYSTEM ^{2, 16, 17}				
N/A	All	N/A	N/A	

* Some text reference numerical COVERAGE TABLE ENDNOTES on page 13.

** Refer to HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23.

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COVERAGE TABLE ENDNOTES

Some text within the COVERAGE TABLES include superscript numbers which correspond to these numbered paragraphs:

1. Cambering an axle in the field voids the axle warranty.
2. Axles that are drilled for tire inflation system (Hendrickson or otherwise) that do not follow Hendrickson's recommended drilling procedures (as described in Hendrickson publications [T51002 TIREMAAX® CP & PRO Installation, Service and Troubleshooting](#), [L995 TIREMAAX® CP Tire Inflation System Installation, Service and Troubleshooting Procedures](#) or [L818, TIREMAAX® Tire Inflation System - Installation, Service and Troubleshooting Procedures](#)) could void the axle warranty. Unrecommended drilling could cause damage to the axle or other suspension components. Refer to [page 8](#) through [page 12](#) for additional information.
3. Hendrickson defines the raw wood industry as any forestry application that involves or includes, but is not limited to, logging or chip hauling. INTRAAX® AAEDT 30K and AAEDL 30K models are recommended for these applications and are covered by the standard INTRAAX warranty. AAT 30K and AAL30K are no longer approved for use in any forestry application. Any prior written approvals provided are rescinded. (Reference [RAW WOOD PRODUCT APPLICATIONS](#) on [page 15](#)). Other INTRAAX and HT™ models, when used in accordance with Hendrickson publication [L707 Hendrickson Application Guide](#), will be covered under the reduced warranty terms noted here. Refer to [page 15](#) for further raw wood warranty information.
4. For non pre-aligned suspension systems, the installation and final assembly of the suspension pivot connection is performed by the respective trailer OEM. Refer to [page 15](#) for further information.
5. Includes suspension and slider components that are not specifically covered in this table and are manufactured and distributed by and for Hendrickson.
6. For highway use only in single-axle or closed-spaced (for example, 49 inches) tandem applications on van- and reefer-type trailers.
7. For all vocational trailers, wide-spread and tridem sliders, specialty and spread-axle vans, dry freight van or reefer-type trailers and trailers with liftable axle suspensions.
8. The suppliers of these non-Hendrickson components may offer warranty coverage beyond the terms listed here. Contact the appropriate supplier for complete details.
9. Refer to [page 16](#) for further information.
10. The three year parts and labor warranty terms apply to all on-highway applications. To be eligible for warranty coverage in any off-highway application, HVS® and HXL3® hub assemblies must be configured with HP spindles and Hendrickson dust shields. When properly configured, the warranty terms are one year parts and labor.
11. The five year parts and labor warranty terms apply to all on-highway applications. To be eligible for warranty coverage in any off-highway application, HLS® and HXL5® hub assemblies must be configured with HP spindles and Hendrickson dust shields. When properly configured, the warranty terms are three years parts and labor (all off-highway applications except raw wood industry) or three years parts one year labor (raw wood industry applications). Refer to [page 15](#) for further raw wood warranty information.
12. These warranty terms cover units purchased and serviced in the United States and Canada for line-haul, on-highway service applications with a gross axle weight rating up to 23,000 pounds. These applications include auto haulers, vans, reefers, flatbeds and tank trailers. Coverage may differ in some applications where special written approval must be granted. This warranty does not cover HUS® wheel end which was damaged as a result of improper modification or repair, an accident or failure to adhere to required inspection procedure guidelines. Operating an HUS wheel end in Mexico may void the warranty. Please contact your Hendrickson sales associate to determine if your application is warranted.
13. Hendrickson no longer offers these Extended Service hub assemblies but will honor valid warranty claims submitted on HUS Extended Service hub assemblies delivered prior to 12/31/09.
14. Beginning June '08, includes WEM (Wheel-end Monitor) on HUS®3 only, which is no longer available since 12/09.
15. The seven year parts and labor warranty terms apply to all on-highway applications, (except auto hauler application). The warranty coverage for HXL7® hub assemblies in off-highway application is three years parts and labor, (except raw wood industry). The HXL7 is not approved for auto hauler and Raw Wood industry applications. When equipped, the TIREMAAX® integrated rotary union and its hubcap carry the seven year parts and labor warranty.
16. Competitor tire inflation systems are not covered by Hendrickson warranty terms. Contact the respective tire inflation system manufacturer for warranty coverage of competitor make and model.
17. 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. TIREMAAX™ is the only approved tire inflation system to be installed with a wheel-end installed by Hendrickson and compatible with the wheel-end applicable warranty coverage.



18. Installation must be per published technical procedures.
19. Includes all internal wheel-end / axle components, including rotary union and tubing.
20. Labor coverage applies only to Hendrickson installed components (including but not limited to axle vent line, axle hoses, spindle plugs, air control lines and beam grommets).
21. VANTRAAX ULTRAA-K™ Ten Year Structural Corrosion Warranty:
 - Hendrickson warrants the VANTRAAX ULTRAA-K slider box weldment against structural failures resulting from corrosion induced by typical onhighway environmental conditions.
 - Use of aggressive solvents or cleaners will void the structural corrosion warranty.
 - Does not include slider weldment surface rust.
 - Structural corrosion warranty coverage is limited to the VANTRAAX ULTRAA-K slider box weldment only. Does not apply to components or options attached to the slider box by Hendrickson, including but not limited to: locking pins, body clips, valve or air tank mounting, SURELOK®, mud flap attachment.
 - Valid only for hot wax coating applied by Hendrickson. Removal of Hendrickson-applied coating will void the structural corrosion warranty.



ADDITIONAL WARRANTY COVERAGE INFORMATION

This section includes additional warranty information relative to the items listed below.

RAW WOOD PRODUCT APPLICATIONS

Hendrickson defines the raw wood industry as any forestry application that involves or includes, but is not limited to, logging or chip hauling.

Severe and highly unpredictable operating conditions are often encountered in the raw wood product industry. Such rugged applications can cause accelerated wear, deterioration and other problems in suspension systems. For this reason, warranty coverage on certain suspension components used in the raw wood industry differs from the standard warranty coverage on the same components used in less-severe applications.

All INTRAAX® EDT 30K and EDL 30K models carry the standard INTRAAX warranty (described in the COVERAGE TABLES on page 6 through page 12) regardless of application.

NOTE: AAT 30K and AAL30K are no longer approved for use in any forestry application. Warranty coverage was not limited for INTRAAX AA 30K models, equipped with 5 inch axles, in raw wood product applications when this written application approval was given. Any prior written approvals provided are now rescinded June 2010.

The warranty period for all other suspension components used in raw wood product applications will be up to three years for parts unless otherwise noted (see COVERAGE TABLES on page 6 through page 12) and one year for labor.

This warranty coverage only affects trailers built on or after November 1, 1999, that operate in the raw wood product industry.

The warranty periods in the COVERAGE TABLES on page 6 through page 12 apply when the suspension has been properly assembled and installed by a trailer original equipment manufacturer (OEM), properly maintained (as described in all applicable Hendrickson publications) and used in the recommended application and within the rated capacities (as described in Hendrickson publication L707 Hendrickson Application Guide). Coverage

may differ on some items used in applications for which special written approval from Hendrickson has been granted. If you have any questions about the information contained herein, please WARRANTY CLAIM CONSIDERATIONS on page 3.

QUIK-ALIGN® PIVOT ASSEMBLY

Original equipment manufacturers (OEMs) have the option of ordering Hendrickson suspensions in one of two states: pre-aligned (available only on VANTRAAX™ or VANTRAAX ULTRAA-K™ slider suspension systems) or standard (non pre-aligned - available on all Hendrickson suspension systems). In either state, the pivot connection is warranted for one year parts and labor. The difference is in application and is as follows:

Hendrickson’s pre-aligned pivot connection warranty applies to all QUIK-ALIGN® pivot assemblies since installation and final assembly of the pivot connection is performed by Hendrickson.

Hendrickson’s standard (non pre-aligned) pivot connection warranty coverage applies only to QUIK-ALIGN pivot assemblies where proper installation and final assembly were performed. The installation and final assembly of the suspension pivot connection is performed by the respective trailer OEM. Proper installation includes, but is not limited to, the use and removal of the Torx® head of the pivot bolt to ensure proper pivot assembly torque along with the proper mounting of the alignment washers/collars (refer to Hendrickson publications L341 INTRAAX® Installation Procedures; L577 HT/HS/HK Installation Procedures and L579 Alignment Procedures for additional assembly requirements). Pivot assembly components must be available for review for warranty consideration. Pivot assemblies that are missing the plastic band or other reuse indicator, on the pivot bolt hardware are not covered.

PRE-ALIGNED VANTRAAX™ OR VANTRAAX ULTRAA-K™ WARRANTY STATEMENT

Pre-aligned slider systems are built on precision fixtures and feature axles that are perpendicular to the slider box and parallel to each other. Documented measurement data confirms alignment and is shipped with each slider suspension system built with this option.

The trailer OEM is responsible for the total trailer alignment and all facets of construction required to accommodate the slider suspension system, such



as trailer frame construction, proper placement of the kingpin, proper body rail installation and proper body rail spacing. Hendrickson provides body rail installation and spacing recommendations in Hendrickson publication L341 Installation Procedures and in various installation drawings.

Hendrickson does not recommend additional alignment adjustments by the dealer or distributor prior to delivery to the final customer (i.e., fleet, owner operator) and will not reimburse for any related parts or labor expenses from such additional adjustments. Hendrickson warrants the perpendicularity and parallelism of the axles relative to the slider box itself, based on established Hendrickson specifications, only until delivery of the pre-aligned slider suspension system to the trailer OEM.

If a performance concern is expressed by the customer regarding a pre-aligned slider suspension system, the customer or trailer OEM dealer should WARRANTY CLAIM CONSIDERATIONS (refer to page 3) prior to performing any adjustments or repairs. Hendrickson will guide and provide assistance to the customer, dealer and/or repair facility through validation checks and will provide corrective actions as necessary.

AIR DISC BRAKE WARRANTY STATEMENT

MAXX™22T Air disc brake packages installed by Hendrickson will carry a limited five-year parts and labor warranty, excluding all normal wear. Other Air disc brake packages installed by Hendrickson will carry a limited one-year parts and labor warranty, excluding all normal wear.

Hendrickson offers air disc brakes with our standard service and HXL extended service wheel-end packages. In order to maintain the integrity of the wheel-end warranty, customers must contact Hendrickson Technical Services prior to performing maintenance on any air disc brake components and/or the wheel-end assembly.

Component supplier additional warranty coverages related to either ADB components or hub assembly packages will be administered direct with the customer by the respective component supplier.

Hendrickson publication L924 Warranty Position Statement When ADB is Combined With an Extended Service Wheel-end System only addresses the Hendrickson warranty position on air disc brakes combined with extended service wheel ends shipped prior to September 1, 2006.

LABOR ALLOWANCES

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The standard repair times listed here include, but are not limited to, the parts in the itemized description. It may be necessary to remove and install additional parts not included in the basic descriptions in order to complete the warranty repair.

Detailed repair descriptions must be included with the submitted warranty claim.

If a warranty claim is submitted with a repair time in excess of the following standard repair times, then a detailed description explaining the reason for the excess is required.

The following labor allowances have been based upon work conducted by various repair facilities utilizing approved Hendrickson procedures and include technician set-up time, diagnostic time and consideration of applicable supervisory/administration requirements. WARRANTY CLAIM CONSIDERATIONS on page 3 to request approval for additional time, if necessary.

Refer to the HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS on page 23 for an explanation of the abbreviations (e.g., HKA, UTK, AAZ, etc.) used in the following labor allowances.



COMPONENT DESCRIPTION	TIME (HOURS)	COMPONENT DESCRIPTION	TIME (HOURS)
BRAKES, ADB			
Brake chamber	0.5	Brake camshaft only INTRAAX model "C" Without Cam Tube System (prior to 05/2001)	1.6
Caliper	2.1		
Pads (with linings, per axle)		NOTE: Does not require hub removal.	
INTRAAX®, VANTRAAX™, VANTRAAX ULTRAA-K™	1.0	Includes:	
TRLAXLE	1.0	• Removal and installation of:	
		– Tire/wheel assembly	
		– Brake drum	
		– Slack adjuster	
		• Brake adjustment	
NOTE: Does not require caliper, hub or rotor removal.			
Includes:			
• Removal and installation of:			
– Tire/wheel assembly			
• Removal and replacement of:			
– ADB brake pad with lining			
• Brake adjustment			
Rotor	3.0	Brake camshaft and cam tube assembly INTRAAX model "C" Cam Tube System	1.4
BRAKES, DRUM		NOTE: Does not require hub removal.	
Brake camshaft		Includes:	
INTRAAX® models "A" and "B"	1.6	• Removal and installation of:	
(Without cam tube, requires hub removal)		– Slack adjuster	
Includes:		– Brake drum	
• S-cam bushings replacement		– Tire / wheel assembly	
• Removal and installation of:		• Brake adjustment	
– Tire/wheel assembly			
– Hub and drum			
– Slack adjuster			
• Brake adjustment			
TRLAXLE	2.1	Brake cam tube assembly INTRAAX®, VANTRAAX™, VANTRAAX ULTRAA-K™ Cam Tube System models only	0.8
TRLAXLE (with Cam Tube Enclosures)	2.6	NOTE: Does not require tire/wheel, drum or hub removal.	
Includes:		Includes:	
• S-cam bushings replacement (or Cam tube replacement)		• Removal and installation of:	
• Removal and installation of:		– Slack adjuster	
– Tire/wheel assembly		• Brake adjustment	
– Hub and drum			
– Slack adjuster			
• Brake adjustment			
		Brake chamber	0.8
		Brake drum (outboard)	0.5
		Includes:	
		• Removal and installation of:	
		– Tire/wheel assembly	
		• Brake adjustment	
		Brake dust shield/clamp	
		Each (up to two)	0.5
		Each additional	0.25
		Brake hose (relay valve to brake chamber)	0.5



COMPONENT DESCRIPTION	TIME (HOURS)	COMPONENT DESCRIPTION	TIME (HOURS)
Brake shoes with linings (per axle)		CENTER LIFT	
INTRAAX [®] , VANTRAAX [™] , VANTRAAX ULTRAA-K [™]	2.5	Center lift air spring	0.5
TRLAXLE	2.5	FRAME BRACKETS	
NOTE: Does not require hub removal.		Frame bracket (bolt-on)	3.0
Includes:		Includes:	
• Removal and installation of:		• Removal and replacement of:	
– Tire/wheel assembly		– Pivot connection hardware	
– Hub (Inboard mounted drum only)		• Axle alignment	
– Drum		Frame bracket (welded)	4.0
• Removal and replacement of:		Includes:	
– Brake shoe with lining		• Removal and replacement of	
• Brake adjustment		– Pivot connection hardware	
S-cam support bracket (each)	3.0	• Axle alignment	
(non-integrated axle only)		HTRAAX	
Includes		HALFTRAAX [™] integrated axle	6.0
• Removal and replacement of:		Exception: Auto hauler	12.5
– S-cam support bracket assembly		Lowboy / Double drop	10.0
• Removal and installation of:		Includes:	
– Tire/wheel assembly		• Removal and replacement of:	
– Hub and drum		– Pivot connection hardware	
– Slack adjuster		• Axle alignment	
– Air chamber		• Removal and installation of:	
– S-cam		– Tire/wheel assembly	
• Brake adjustment		– Hubs and drums	
Slack adjuster	0.7	– Air springs	
Includes:		– Shocks and shock mounting hardware	
• Troubleshooting		– Height control valve	
BUSHINGS		– ABS valves and sensor wiring	
Bushing tube spacers (per axle)	1.5	– Brake chambers	
Equipped with UBL	2.0	– Slack adjusters	
Equipped with UBL (Bolt-on front plate)	2.5	– S-cams	
Includes:		– S-cam bearings	
• Removal and replacement of:		– Brake shoes with linings and hardware	
– Bushing tube spacers		PIVOT BOLTS	
– Pivot connection hardware		Pivot connection hardware (per axle)	1.0
• Axle alignment		Includes:	
TRI-FUNCTIONAL [®] Bushings (per axle)	4.0	• Removal and replacement of:	
Equipped with UBL	4.5	– Existing pivot connection hardware	
Includes:		• Axle alignment	
• Removal and replacement of:			
– TRI-FUNCTIONAL Bushings			
– Bushing tube spacers			
– Pivot connection hardware			
• Axle alignment			



COMPONENT DESCRIPTION	TIME (HOURS)	COMPONENT DESCRIPTION	TIME (HOURS)
QUIK-DRAW®		SLIDER BOX	
QUIK-DRAW control valve	0.5	K-brace reinforcement plate installation	3.0
QUIK-DRAW control valve knob	0.2	VANTRAAX™ HKAT 50K (HKA250) only; quantity of four per slider	
QUIK-DRAW linear actuator (HK/HKA/UTK models):		Slider box replacement	
Front	0.5	(HK/HKA/UTK models)	
Rear	0.8	Single (HKA models only)	8.0
QUIK-DRAW air chamber actuator (AAZ models)	0.8	Tandem	12.0
QUIK-DRAW retrofit kit (HK/HKA/UTK models)	2.0	Tridem (HKA models only)	16.0
Includes:		Includes:	
• Removal of original pin-pull mechanism		• Removal and replacement of:	
		– Pivot connection hardware	
		• Axle alignment	
		• Removal and installation of:	
		– Tire/wheel assembly	
		– Air springs	
		– Shocks and shock mounting hardware	
		– Air lines	
		– One air reservoir and mounting brackets	
		– Air valves	
		– Suspensions	
		– Brake lines	
		– Brake valves	
		– ABS valves and sensor wiring	
		– Height control valve	
		– QUIK-DRAW® slider pin-pull mechanism	
		Does not include:	
		(Additional labor time is required for these items.)	
		• Additional air reservoirs and mounting brackets	
		• SURELOK® trailer ride height locking system	
		• Binkley Quick Release pin-pull mechanism	
		• Tire inflation systems	
SHOCKS			
Shock absorber	0.5		
Shock bracket (upper)			
Weld-on	1.5		
Bolt-on	1.0		
Shock mount (lower)			
INTRAAX®, VANTRAAX™, VANTRAAX ULTRAA-K™, HT250US	1.3		
Includes:			
• Removal and replacement of			
– Nut within beam			
or			
– Modification / repair per L635			
Shock strap	0.5		
ZMD® Chain Downstop	0.5		
OPTIONS:			
Rear-mount shock bracket (lower)			
AAL, AAEDT and AAEDL	1.0		



COMPONENT DESCRIPTION	TIME (HOURS)	COMPONENT DESCRIPTION	TIME (HOURS)
Slider box replacement (AAZ models)		SURELOK®	
Single	8.0	SURELOK return spring	0.2
Tandem	12.0	SURELOK actuator	0.5
Includes:		SURELOK restraint bolt	0.5
• Removal and replacement of:		Includes:	
– Pivot connection hardware		• Adjustment and system check	
• Axle alignment		SURELOK ride height lock assembly	1.0
• Removal and installation of:		Includes:	
– Tire/wheel assembly		• Adjustment and system check	
– Air springs		SURELOK retrofit kit (HK/HKA/UTK models)	
– Shocks and shock mounting hardware		Bolt-on beam extensions	2.0
– Air lines		Weld-on beam extensions	3.0
– One air reservoir and mounting brackets		TIRE INFLATION SYSTEMS	
– Air valves		TIREMAAX®	
– Suspensions		TIREMAAX® kit complete installation	
– Brake lines		Tandem	
– Brake valves		• TIREMAAX Prepped Hendrickson axle	6.0
– ABS valves and sensor wiring		• Non-TIREMAAX prepped Hendrickson axle	12.0
– Height control valve		Each additional axle	
– QUIK-DRAW slider pin-pull mechanism		• TIREMAAX Prepped Hendrickson axle	1.0
Does not include:		• Non-TIREMAAX prepped Hendrickson axle	2.0
(Additional labor time is required for these items.)		TIREMAAX AXLE HOSE	1.2
• Additional air reservoirs and mounting brackets		Includes:	
• Tire inflation systems		• Removal and Replacement	
Slider pin (up to four)	1.5	– Internal axle hose	
Slider pin springs (all four)	1.5	– Slack adjuster	
Slider box wear pad, upper (pair)	3.0	TIREMAAX controller assembly (All models)	1.0
Slider box weld repair		TIREMAAX EC target pressure programming	0.2
Cross member or K-brace to side rail;	1.0	using the hand-held programming device	
(up to four welds)		(does not require controller assembly removal)	
Air spring top shim half plate to bottom		TIREMAAX CP & PRO adjust target pressure	0.5
of K-brace	1.3	TIREMAAX spindle-mounted rotary union	
Includes:		Each	0.5
• Removal and installation of:		Includes:	
– Air spring		• Removal and installation of:	
		– Hubcap	
		– Internal axle hose attachment	
		• Removal and replacement of:	
		– Hubcap gasket	
		– Spindle end plug	
		– OETIKER® hose clamp	



COMPONENT DESCRIPTION	TIME (HOURS)	COMPONENT DESCRIPTION	TIME (HOURS)
TIREMAAX tee fitting		Hub (Replacement, with brake drum)	1.4
Up to four (per trailer)	0.5	Exception: Auto hauler	2.0
Each additional (same trailer)	0.2	Includes:	
Includes:		• Removal and installation of:	
• Removal and installation of:		– Tire / wheel assembly	
– Tee fitting guard (if present)		– Brake drum	
TIREMAAX® tire hoses (All models)		Additional labor time is required for these items:	
First wheel end (one or two hoses)	0.3	• Air disc brake	1.7
Each additional wheel end (per trailer)	0.2	Hubcap/gasket	
Includes:		(tire / wheel removal not required)	
• Removal and installation of:		– Up to a quantity of two	0.5
– Tee fitting guard (if present)		– Each additional hubcap/gasket	0.2
Tire inflation system wiring harness		Inner wheel seal	
(HTIS and TIREMAAX® EC and CP models)		Drum brake	1.4
Premium, ABS-ready harness	1.0	Exception: Auto hauler	2.0
Standard, 3-wire adapter plug	0.5	Air disc brake	2.5
UNDER BEAM LIFT™ (UBL™)		Includes:	
UBL air spring (each)	1.0	• Removal and installation of:	
UBL kit		– Caliper Assembly	
Complete installation (per axle)	4.5	– Torque caliper to carrier bolts	
WHEEL END		Additional labor time is required for these items:	
ABS wheel sensor (one)	1.0	• Bearing cone and cup (in hub) replacement	
Includes:		(inner, outer or both)	0.9
• Removal and installation of:		WEM (Wheel-end Monitor) replacement (each)	0.2
– Tire/wheel assembly		Wheel-end Play (each wheel end)	1.0
– Brake drum		Adjustment and lube (if necessary)	
ABS wheel sensor bracket (one)	1.5	Includes:	
Includes:		• Removal and installation of:	
• Removal and installation of:		– Tire/wheel assembly	
– Tire/wheel assembly		– Hubcap	
– Brake drum		Wheel studs (up to three)	1.7
– Sensor		– More than three (one hub)	2.2
Adjust ABS wheel sensors	0.5		
(without dust shields, up to four sensors)			
Includes:			
• Troubleshooting			



HENDRICKSON SUSPENSION DESCRIPTION DEFINITIONS

The suspension type abbreviations used in the WARRANTY CONDITIONS on page 8 through page 12 are defined as follows:

SLIDER SUSPENSION SYSTEMS

- AAZ** Any INTRAAX® suspension on a Z-rail platform slider. In cases where warranty coverage or components differ for a certain AAZ model, the specific model will be noted by one of the following descriptions: AAZNT, AAZL.
- HKA** All VANTRAAX™ slider systems (INTRAAX suspensions on a K-2® slider box). In cases where warranty coverage or components differ for a certain VANTRAAX model, the specific model will be noted by one of the following descriptions: HKANT, HKAT, HKAL, HKARL.
- HK** HT™ suspensions on K-2 slider box
- HS** HT suspensions on HS slider box
- HTZ** Any HT suspension on a Z-rail platform slider. In cases where warranty coverage or components differ for a certain HTZ model, the specific model will be noted by a similar description to the following: HTZUS.3.
- RS** Sliding trailing arm suspension, manufactured by the Dana Corporation prior to 2007. Last manufactured by Hendrickson 2008.
- UTK** All ULTRAAX-K™ slider systems (INTRAAX suspensions on a G-rail slider box). At the time of this publication, only UTKNT40K model type applies.
- All** Refers to all applicable Hendrickson suspension/axle descriptions listed above.

PRIMARY FIXED AND LIFTABLE SUSPENSIONS

- AA** All INTRAAX primary suspensions. In cases where warranty coverage or components differ for a certain INTRAAX model, the specific model will be noted by one of the following descriptions: AANT, AAT, AAEDT, AANLS, AANL, AAL, AAEDL.
- HT** HT™ Series primary suspensions
- T** T Series primary suspensions
- RF** Fixed trailing arm suspension, manufactured by the Dana Corporation prior to 2007. Last manufactured by Hendrickson 2008.
- B2AHT** Non-integrated trailer axle to HT suspension axle connection assembled by Hendrickson

AXLES

- TRLAxle** Non-integrated trailer axle only, includes brackets
- HCA** Hendrickson Chassis Axle

Call your trailer dealer or Hendrickson at **866.RIDEAIR (743.3247)** for additional information.



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