

ITEMS TO CHECK <sup>1,3</sup> (RECOMMENDED)	VISUAL PHYSICAL LUBRICATION <sup>2</sup>	INSPECTION INTERVALS					REFERENCE LITERATURE	
		PDI	DAILY	MONTHLY	QUARTERLY	ANNUALLY	LIT. NO.	TITLE OR COMMENTS <sup>3,4</sup>
Air springs	V			✓			L1155	Air Springs
Axle connections (welds & U-bolts, if equipped)	V				✓		L579	Alignment Procedures
Bolts	V	✓		✓			B31	Torque Specifications
<b>MAXX22™ ADB</b>							T72009	Installation and Maintenance Procedures Also inspect during brake and wheel-end service.
• Pad wear, retaining springs, bar & mounting holes	V/P				✓			
• Pad retaining springs	V			✓				
• Rotor condition, separation cracks & excessive or abnormal wear	V/P			✓				Refer to page 3 for more information.
• Damage to adjuster, guide pin & piston boots	V/P			✓				
• Presence / Condition of adjuster & guide pin caps	V/P			✓				
<b>Brakes - Air disc</b>								<b>Contact vendor<sup>7</sup>.</b>
<b>Brakes - Drum</b>							L974	Drum Brake Maintenance Procedures Refer to fleet requirements for more details.
• Brake chamber, pushrod, & overall condition	V/P/L	✓		✓				
• S-cam & cam tube	V/P/L	✓		✓				
• Slack adjuster	V/P/L	✓		✓ <sup>x</sup>				<b>Contact vendor<sup>7</sup>.</b>
HTYS & YB Y-beam inspection	V				✓		T49001	Y-beam Inspection (See notes on next page)
Obvious signs of wear, damage or change in condition of suspension & axle components	V		✓				L1073 L1074	Primary Fixed Suspension Information Slider Suspension Information
Pivot connections	V	✓		✓			L1071 L1072	Pivot Bushing Inspection/Replacement Information
• Bushing tube spacers	V				✓		L750	Bushing Tube Spacer Maintenance Procedures
• TRI-FUNCTIONAL® Bushing	V/P				✓		B106	Pivot Bushing Inspection Procedures
Ride height	P	✓			✓		L459	Checking Trailer RH, see L388 RH Settings
<b>Self-steer axle (CONNEX™ ST)</b>							T62001 T60001	Self-steer Axle Maintenance Procedures Decal: Self-steer Axle Lubrication
• Tie rod ends	V/P/L	✓		✓				
• Kingpin bushing, lock straight pivot arms	V/P/L	✓			✓			
• Lock straight air spring & chamber	V/P	✓			✓			
Shock absorbers	V				✓		L551	Shock Absorber Inspection Procedures
Shock mounting brackets & bolts	V				✓		L635	INTRAAAX® Shock Mount Assembly Procedure
Slider suspension or slider box	V/P					✓	L1074	Slider Suspension Information
<b>TIREMAAX® Tire inflation system</b>							L818 L995 T51002	TIREMAAX® EC TIS Installation, Service and Troubleshooting Procedures TIREMAAX® CP TIS Installation, Service and Troubleshooting Procedures TIREMAAX® CP and PRO Tire Inflation System Installation, Service and Troubleshooting
• Indicator lamp operation (not constantly on)	V	✓	✓					
• Tires (low) / Listen for air leaks	V	✓						
• Check tire pressure	V/P				✓			
• Tire hose connections (damaged or loose)	V/P	✓			✓			
• Test lamp operation	V/P				✓			
• Complete system integrity check	V/P					✓		
Welds (all)	V	✓			✓		L64	Weld Procedures, also see L1073 & L1074
<b>Wheel-end component inspection<sup>5</sup></b>	A <sup>6</sup>	B <sup>9</sup>					Various	L496 (std) <sup>8</sup> , L775 / L776 (HUS), T72001 (HNP), T72002 (HXL7), T72004 (HLS), T72005 (HVS) <sup>8</sup> , T72006 (HXL3) <sup>8</sup> and T72007 (HXL5) wheel-end maintenance procedures available online. <sup>4,7</sup>
• Lube level <sup>8</sup> and colorization	X		V/L		✓			
• Lubricant leaks (hubcaps & wheel seals)	X	X	V		✓			
• Smooth and quiet rotation	X	X	P			✓		
• Hubcap integrity	X	X	V		✓			
• Check end play <sup>5</sup>	X	9	P			✓ <sup>5</sup>		

For complete instructions, refer to Hendrickson literature number L578 Preventative Maintenance Guide Flood Service Requirements before referencing this document.

- The above checks should be done any time suspension is damaged or otherwise NOT functioning properly.
  - V = Visual Check. P = Physical Check (operation, measuring, access, disassembly, or other physical contact may be required.) L = Lubrication Point.
  - For any inspection issues requiring service, refer to documents listed in the Lit. No. column, T15001 Air Ride Suspension Concepts and Functions or contact Hendrickson for assistance. Also refer to PERIODIC INSPECTION SCHEDULE if adjustments are required.
  - Related literature for inspected items are available on the Hendrickson Trailer Suspension Literature web page at [www.hendrickson-intl.com/trailerlit](http://www.hendrickson-intl.com/trailerlit).
  - While under warranty, Hendrickson Technical Services must be contacted prior to hubcap removal and servicing.
  - A = Standard Service 1 – year warranty wheel-end package. B = Extended-Life wheel-ends (HLS®, HVS®, HUS®, HXL3®, HXL5®, HXL7®).
- NOTE:** HUS is no longer available from its original supplier. If necessary, please contact Hendrickson for details.
- For information on vendor components, contact vendor directly. Links to ADB and wheel end VENDOR LITERATURE is available at [www.hendrickson-intl.com/trailerlit](http://www.hendrickson-intl.com/trailerlit).
  - If applicable and during warranty coverage of Standard 1-year, HVS and HXL3 wheel ends; topping off oil to the hubcap fill line is allowed. The oil type must be the same as originally filled by Hendrickson during suspension build. CONTACT HENDRICKSON for more details or questions.
  - Servicing of wheel-ends is not recommended while under warranty unless necessary and only after contacting Hendrickson Technical Services.

[www.hendrickson-intl.com](http://www.hendrickson-intl.com)  
**HENDRICKSON TRAILER COMMERCIAL VEHICLE SYSTEMS**  
 2070 Industrial Place SE  
 Canton, OH 44707-2641 USA