

# **H** PARTS LIST

## AIRTEK® NXT for Freightliner Cascadia® Vehicles

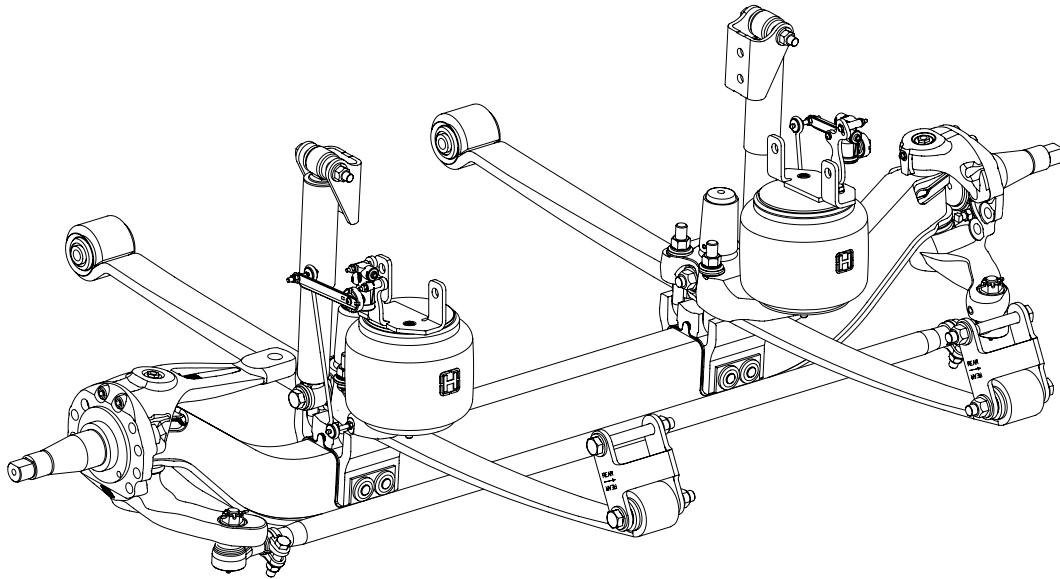
LIT NO: SP-307

DATE: November 2018

REVISION: C

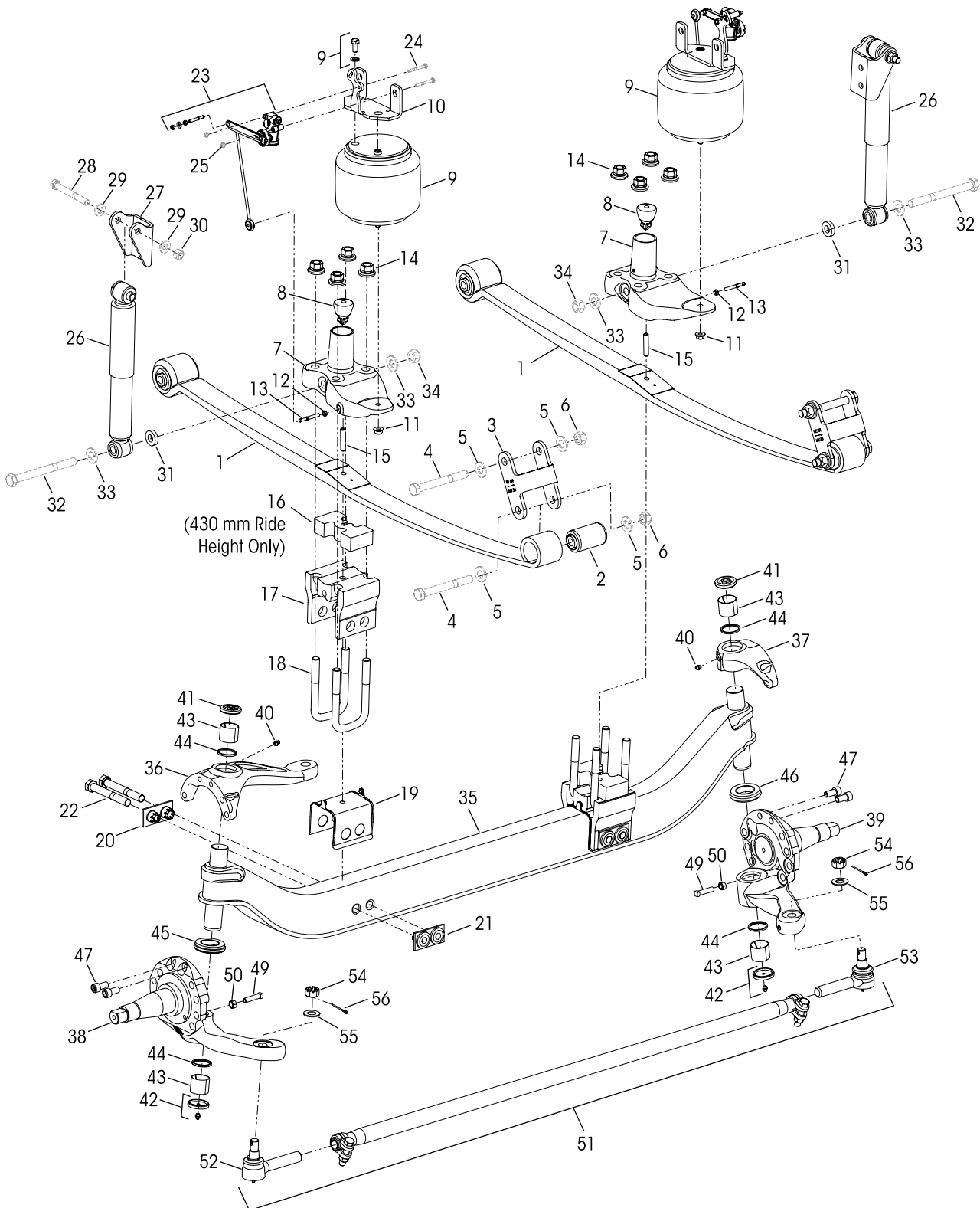
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12.5K • 13.3K Capacity





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Leaf Spring Assembly, Includes Non-serviceable Front Spring Eye Bushing and Key No. 2	2		77771-XXX	Front Axle Assembly, Includes Key Nos. 35-56, See Selection Guide on Page 4	1
	53622-000	12.5K		35		Axle and Kingpin Assembly	1
	53767-000	13.3K			70685-104	12.5K	
	60961-867	<b>Single Thru-Bolt Bushing Service Kit,</b> Includes Key No. 2 and 57			78685-104	13.3K	
2		**Rear Spring Eye Thru-Bolt Bushing	2	36		Left Hand Upper Steering Knuckle Assembly, Includes Key Nos. 40-41, 43-44	1
3	78046-001	Shackle Plate	2		60903-473	390 mm Ride Height	
4		*M20 x 2.50-6G x 170 mm Hex Bolt	4		60903-474	430 mm Ride Height	
5		*M20 Flat Washer - H12	8	37	60904-432	Right Hand Upper Steering Knuckle Assembly, Includes Key Nos. 40-41, 43-44	1
6		*M20 x 2.5 Locknut	4	38		Left Hand Lower Steering Knuckle Assembly, Includes Key Nos. 42-44, 49-50	1
		<b>One Side Clamp Group &amp; Leaf Spring Assembly Service Kit,</b> Includes Key Nos. 1-2, 7-8, 14-22			58900-405	150 Ackermann	
	34013-238	390 mm Ride Height, 12.5K, Left Hand			58900-403	200 Ackermann	
	34013-239	390 mm Ride Height, 12.5K, Right Hand			58900-401	230-250 Ackermann	
	34013-240	430 mm Ride Height, 12.5K, Left Hand		39		Right Hand Lower Steering Knuckle Assembly, Includes Key Nos. 42-44, 49-50	1
	34013-241	430 mm Ride Height, 12.5K, Right Hand			58900-406	150 Ackermann	
	34013-243	390 mm Ride Height, 13.3K, Left Hand			58900-404	200 Ackermann	
	34013-244	390 mm Ride Height, 13.3K, Right Hand			58900-402	230-250 Ackermann	
	34013-245	430 mm Ride Height, 13.3K, Left Hand				<b>Kingpin Bushing and Bearing Service Kits,</b> Axle Set, Includes Kit Nos. 60961-628 & -630	
	34013-246	430 mm Ride Height, 13.3K, Right Hand			60961-628	<b>Left Hand w/Composite Thrust Bearing,</b> Includes Key Nos. 40-45, 47-48	
7		Top Pad / Shock Bracket			60961-629	<b>Right Hand w/Roller Thrust Bearing,</b> Includes Key Nos. 40-44, 46-48	
	78030-001	Left Hand	1	40	33117-000	Grease Zerk	2
	78030-002	Right Hand	1	41	68687-003	Grease Cap Assembly, Upper	2
8	64080-000	Rubber Bump Stop	2	42	68687-002	Grease Cap Assembly, Lower	2
9	79115-002L	Air Spring Assembly, Includes Upper Fasteners	2	43	58909-001	Kingpin Bushing	4
10	78762-101	Air Spring Bracket	2			<b>Thrust Bearing Service Kits,</b> Axle Set, Includes Kit Nos. 60961-632 & -633	
11	68974-000	M12 x 1.75 Flange Locknut	2		60961-631	<b>Left Hand Composite Thrust Bearing,</b> Includes Key Nos. 44-45, 47-48	
12	17491-011	5/16"-18 UNC Nut	2		60961-632	<b>Right Hand Roller Thrust Bearing,</b> Includes Key Nos. 44, 46-48	
13	59169-003	Link Mount	2	44	68731-000	Kingpin Seal	4
14	75989-000	M20 x 1.5-6H Two-piece Nut	8	45	77907-000	Composite Thrust Bearing	1
15		Dowel Pin	2	46	64256-000	Roller Thrust Bearing	1
	57159-015	1/2" x 2 1/2", 390 mm Ride Height		47	60236-001	3/8"-11 UNC Socket Head Cap Screw	4
	57159-014	1/2" x 4 1/8", 430 mm Ride Height		48	60937-000	Loctite® (Red) Compound Tube (Not Shown)	1
16	77517-040	Leaf Spring Spacer, 430 mm Ride Height Only	2		60961-069	<b>Stop Bolt Service Kit, One End,</b> Includes Key Nos. 49-50	
17	78044-101	Axle Wrap	2	49	60238-001	1/2"-13 UNC Square Head Stop Bolt	2
18		M20 x 1.5-6g Semi Round U-bolt	4	50	60240-000	1/2"-13 UNC Hex Jam Stop Nut	2
	78025-175	175 mm, 390 mm Ride Height		51		Tie Rod Assembly, Includes Key Nos. 52-54, See Selection Guide on Page 4	1
	78025-215	215 mm, 430 mm Ride Height			60961-XXX	<b>Tie Rod End Service Kits,</b> See Selection Guide on Page 4	
	60961-802	<b>Axle Clamp Service Kit, One Side,</b> Includes Key Nos. 19-22				<b>Axle Set,</b> Includes LH and RH Kits	
19		**Axle Wrap Liner	2			<b>Left Hand,</b> Includes Key Nos. 52, 54-56	
20		**Axle Clamp, Front - Unthreaded	2			<b>Right Hand,</b> Includes Key Nos. 53-56	
21		**Axle Clamp, Rear - Threaded M20 x 2.5	2			Tie Rod Ends, See Selection Guide on Page 4	
22		**M20 X 2.5-6G x 160 mm Hex Thru Bolt	4	52		Left Hand	1
23	59427-101L	LH Height Control Valve and Linkage Assembly	1	53		Right Hand	1
	59427-102L	RH Height Control Valve and Linkage Assembly	1	54		**7/8" Castle Nut	2
24		*M6 x 1.00 x 55 mm Hex Cap Screw	4	55	22962-007	7/8" Flat Washer	2
25		*M6 x 1.00 Locknut	4	56	17800-004	Tie Rod Nut Cotter Pin	2
26	58913-015L	Shock Absorber (538 mm Extended)	2	57		**Loctite (Not Shown) (one per bushing)	4
27	78047-001	Left Hand Upper Shock Bracket	1				
	78047-002	Right Hand Upper Shock Bracket	1				
28		*M16 x 2.00-6G x 130 mm Bolt	2				
29		*M16 Flat Washer	4				
30		*M16 x 2.00-6H Nut	2				
31	59946-012	Lower Shock Spacer (10 mm)	2				
32		*M20 x 2.50-6G x 210 mm Bolt	2				
33		*M20 Flat Washer	4				
34		*M20 x 2.5 Locknut	2				

**NOTE:** \* Not supplied by Hendrickson, used for reference only. Hendrickson is not responsible for components supplied by the vehicle manufacturer. For assistance with maintenance and rebuild instructions on these components see vehicle manufacturer.

\*\* Item included in kit / assembly only, part not sold separately.

**Hendrickson Lit. No. 45745-436 – AIRTEK NXT Ride Height Gauge** for Freightliner Vehicles can be obtained online at [www.hendrickson-intl.com/Litform](http://www.hendrickson-intl.com/Litform)



■ Selection Guide

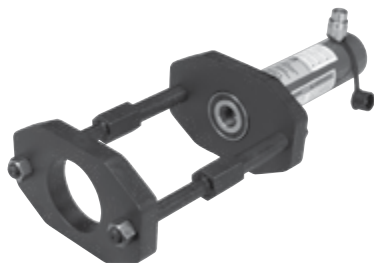
	Ackermann	Front Axle Assembly Part No.		Tie Rod Assembly Part No.	Tie Rod End Part No.		Tie Rod End Service Kit Part No.
		Ride Height			Left Hand	Right Hand	
		390 mm	430 mm	Key No. 51	Key No. 52	Key No. 53	
12.5K	150	77771-001	77771-004	76877-001	70995-001	70995-002	60961-734 (Axle Set) 60961-736 (LH) 60961-741 (RH)
	200	77771-002	77771-005	76877-002			
	230-250	77771-003	77771-006	76877-003			
13.3K	150	77771-007	77771-010	76879-001	76876-001	76876-002	60961-735 (Axle Set) 60961-742 (LH) 60961-743 (RH)
	200	77771-008	77771-011	76879-002			
	230-250	77771-009	77771-012	76879-003			

■ Special Tools

REAR LEAF SPRING BUSHING TOOLS

**Hendrickson Part No. 66086-303**

**OTC Part No. 4263** Visit [otctools.com](http://otctools.com)



**Hendrickson Part No. 66086-304**

**OTC Part No. 4261** Visit [otctools.com](http://otctools.com)



**Hendrickson Part No. 66086-305 Adapter Set**

**OTC Part No. 4255** Visit [otctools.com](http://otctools.com)

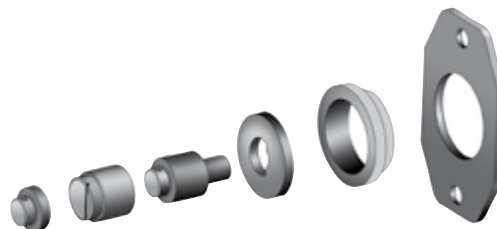


REAR LEAF SPRING BUSHING ADAPTER TOOL KIT

**Hendrickson Part No. 66086-302**

**OTC Part No. 4250** Visit [otctools.com](http://otctools.com)

**NOTE:** In conjunction with Hendrickson Part No. 66086-304 (OTC 4275) this additional adapter tool kit is available to purchase to be used on Hendrickson PRIMAAX EX • COMFORT AIR • FCCC V-Ride rear air suspensions (not needed for this front suspension).



KINGPIN BUSHING TOOL – ADJUSTABLE STRAIGHT FLUTE REAMER

The dimension of cutting diameter must facilitate a range of **1.802"-1.812"**



This is a general parts list to provide directional information. Components may vary by model. Questions in regards to parts, contact Hendrickson Truck Parts at 1.866.755.5968 (Toll-free U.S. and Canada), 630.910.2800 (Outside U.S. and Canada) or e-mail: [truckparts@hendrickson-intl.com](mailto:truckparts@hendrickson-intl.com).

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



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