

PARTS LIST

AIRTEK® • SOFTEK® Front Suspension Systems for Blue Bird Buses

LIT NO: SP-172

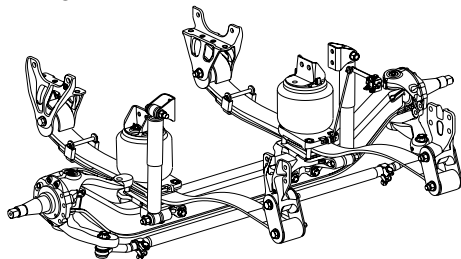
DATE: April 2014

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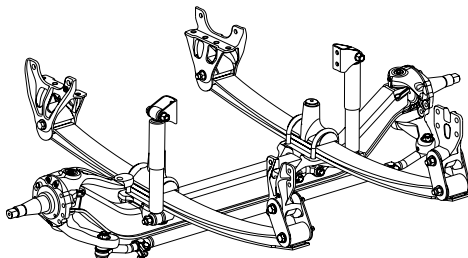
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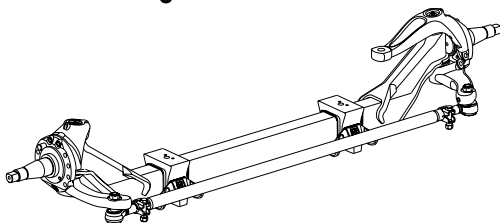
Blue Bird Vision Buses AIRTEK – 10K



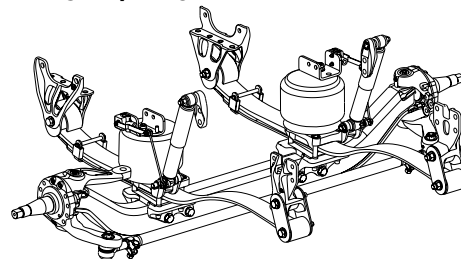
SOFTEK – 8.5K/10K



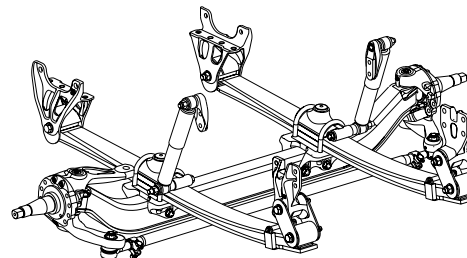
STEERTEK Axle Right Hand Drive – 13.2K/14.6K



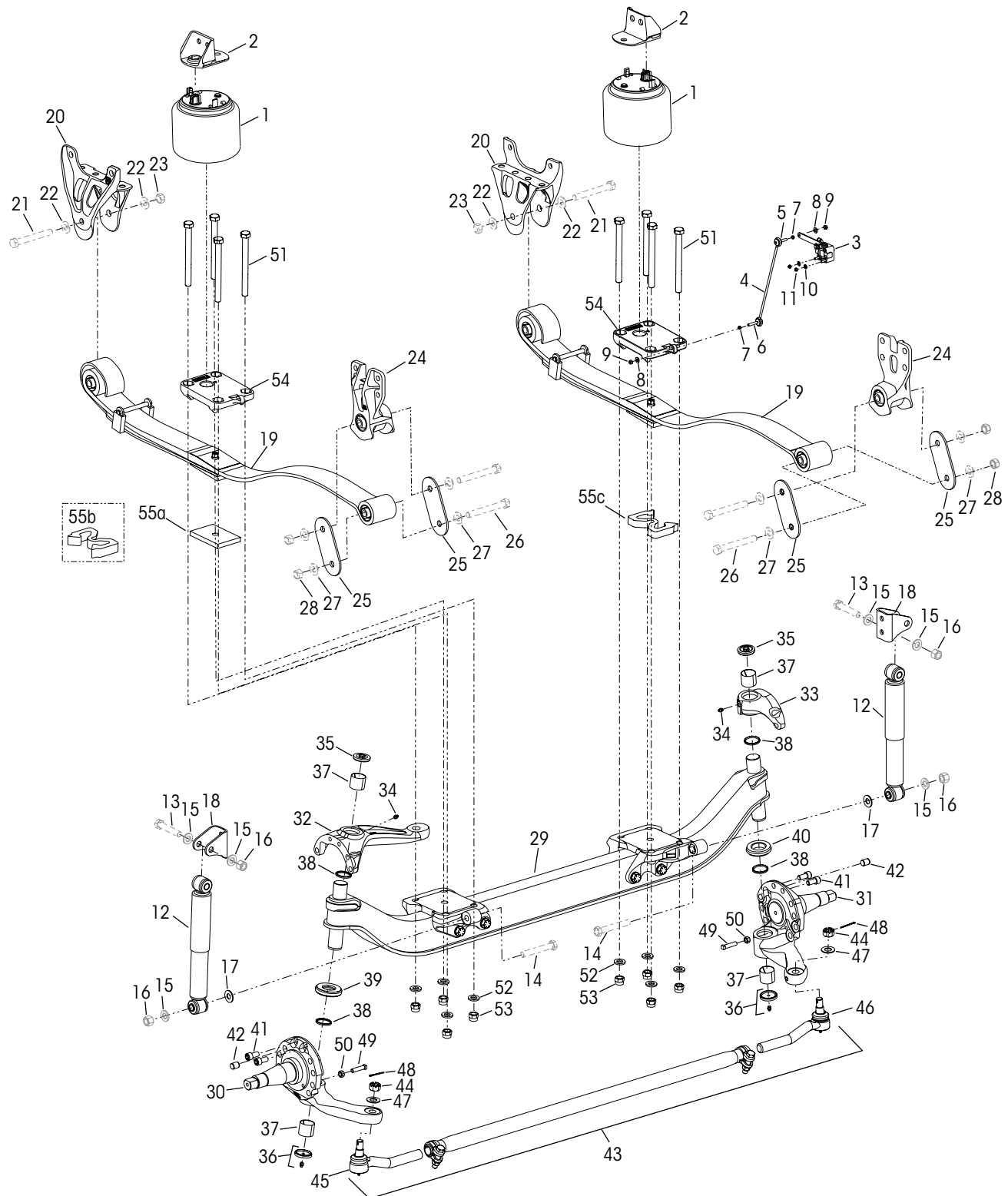
Blue Bird All American Buses AIRTEK – 13.2K/14.6K



SOFTEK – 13.2K/14.6K



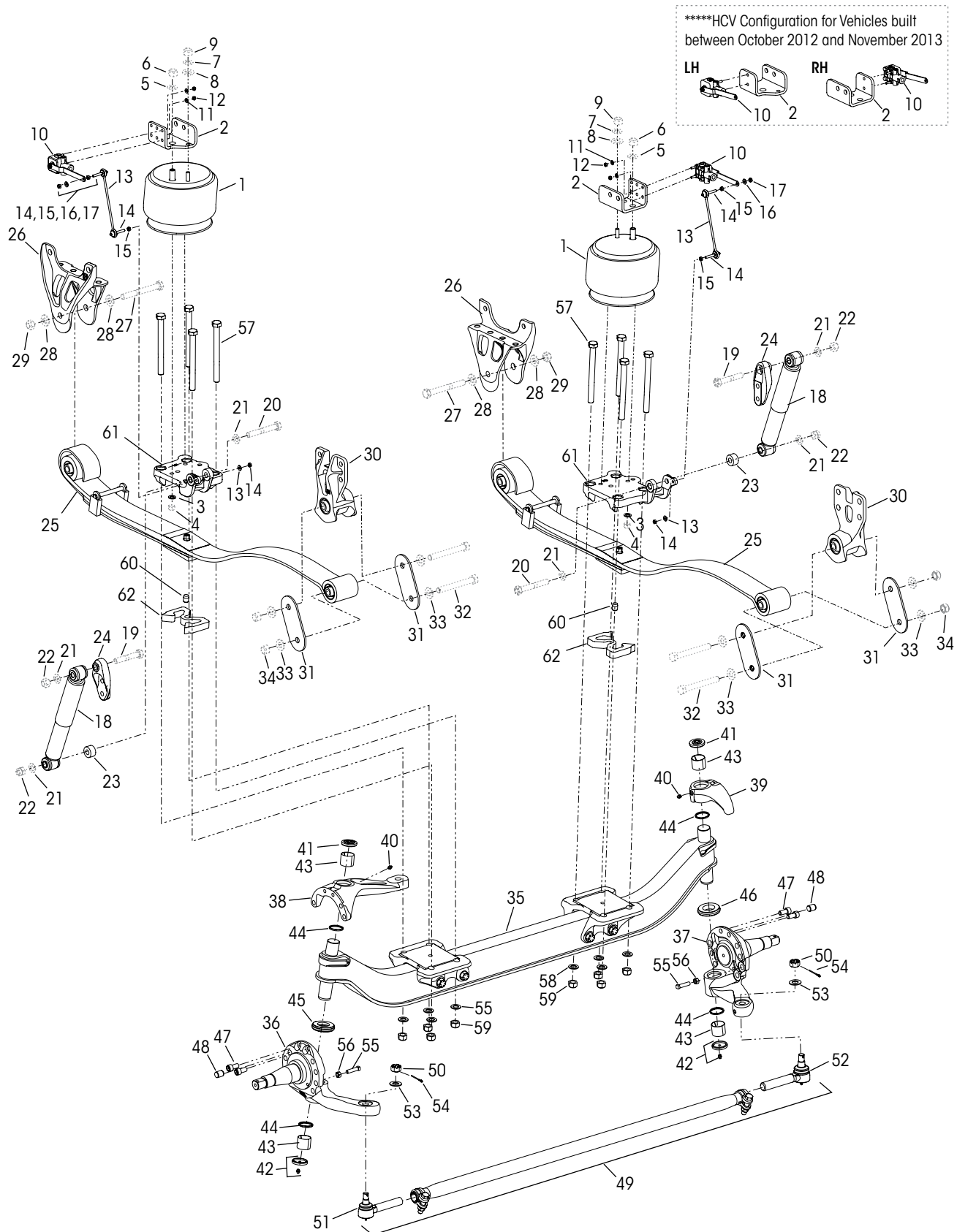
■ AIRTEK® with STEERTEK NXT axle for Blue Bird Vision Buses
built AFTER October 2012 – 10K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	64075-002L	Air Spring	2		60961-628	Kingpin Bushing and Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-629 & -630	
2	60850-001	Air Spring Bracket	2		60961-629	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit , Includes Key Nos. 34-39, 41, Loctite	
	59427-008	HCV, Link Mount & Linkage Assembly, Includes Key Nos. 3-11	1		60961-630	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit , Includes Key Nos. 34-38, 40-41 & Loctite	
3	59935-004	Height Control Valve	1	34	33117-000	Grease Zerk	2
4	59428-001	HCV Linkage	1	35	68687-003	Grease Cap Assembly, Upper	2
	64742-001	Link Mount Service Kit , Includes Key Nos. 5-6		36	68687-002	Grease Cap Assembly, Lower	2
5		* $\frac{5}{16}$ "-18 UNC Stud - 2.07"	1	37	58909-001	Kingpin Bushing	4
6		* $\frac{5}{16}$ "-18 UNC Stud - 2.44"	1		60961-631	Thrust Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-632 & -633	
7		* $\frac{5}{16}$ "-18 UNC Hex Nut	2		60961-632	LH Composite Thrust Bearing Service Kit , Includes Key Nos. 38-39, 41 & Loctite	
8		* $\frac{5}{16}$ " Hardened Washer	2		60961-633	RH Roller Thrust Bearing Service Kit , Includes Key Nos. 38, 40-41 & Loctite	
9		* $\frac{5}{16}$ "-18 UNC Locknut	2	38	68731-000	Kingpin Seal	4
10		* $\frac{1}{4}$ " Hardened Washer	2	39	59828-000	LH Composite Thrust Bearing	1
11		* $\frac{1}{4}$ "-20 UNC Locknut	2	40	64256-000	RH Roller Thrust Bearing	1
12	58913-009L	Shock Absorber	2	41	60236-001	$\frac{5}{8}$ " Socket Head Cap Screw	4
13		** $\frac{3}{4}$ "-10 UNC Upper Shock Bolt	2	Not Shown	60937-000	Loctite® (Red) Compound Tube	1
14		** $\frac{3}{4}$ "-10 UNC Lower Shock Bolt	2	42	64246-000	ABS Sensor Sleeve	2
15		** $\frac{3}{4}$ " Hardened Washer	6	43		***Tie Rod Assembly, 10K, 5.36" Drop, Includes Key Nos. 44-46, See Selection Guide on Page 19	1
16		** $\frac{3}{4}$ "-10 UNC Hex Locknut	4	44		* $\frac{7}{8}$ " Castle Nut	2
17	22962-046	Shock Spacer (Flat Washer) - 0.118" Thick	2			*** Tie Rod End Service Kit, Axle Set , Includes LH and RH Kits. See Selection Guide on Page 19	
18	59423-002	Shock Bracket	2			*** LH Tie Rod End Service Kit , Includes Key Nos. 45, 47-48, See Selection Guide on Page 19	
19	53487-000	Leaf Spring Assembly	2			*** RH Tie Rod End Service Kit , Includes Key Nos. 46-48, See Selection Guide on Page 19	
20	64488-002	Front Hanger	2	45		***LH Tie Rod End, See Selection Guide on Page 19	1
21		**M20 Hex Bolt - 170 mm	2	46		***RH Tie Rod End, See Selection Guide on Page 19	1
22		**M20 Hardened Washer	4	47	22962-007	$\frac{7}{8}$ " Flat Washer	2
23		**M20 Locknut	2	48	17800-004	Tie Rod Nut Cotter Pin	2
24	66510-001	Rear Shackle Bracket	2		60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 49-50	
25	64314-000	Rear Shackle Plate	4	49	60238-001	$\frac{1}{2}$ "-13 UNC Square Head Bolt	2
26		**M20 Hex Bolt - 150 mm	4	50	60240-000	$\frac{1}{2}$ "-13 UNC Hex Jam Nut	2
27		**M20 Hardened Washer	8			Clamp Group Service Kit, One Side , Includes Key Nos. 51-53	
28		**M20 Locknut	4		60961-673	6.5" Ride Height	
	68987-XXX	STEERTEK NXT Axle Assembly, Includes Key Nos. 29-33, 39-41, 43, 47-48. Contact Hendrickson Tech Services for Part Number	1		60961-674	8.5" Ride Height	
29	68986-001M	Axle & Kingpin Assembly, Narrow 6.5", 8.5" Ride Height	1	51		$\frac{3}{4}$ "-16 UNF Hex bolt	8
30		LH Lower Steering Knuckle Assembly, Includes Key Nos. 36-38, 49-50	1		21867-036	6.5" Ride Height - 5.0"	
	58900-235	150 Ackermann Air Brake, Includes Key No. 42			21867-006	8.5" Ride Height - 7.0"	
	58900-233	200 Ackermann Air Brake, Includes Key No. 42		52	22962-001	$\frac{3}{4}$ " Flat Washer	8
	58900-231	250 Ackermann Air Brake, Includes Key No. 42		53	17700-035	$\frac{3}{4}$ "-16 UNF 2B Nylon Locknut	8
	58900-255	150 Ackermann Hydraulic Brake		54		Top Pad	
	58900-253	200 Ackermann Hydraulic Brake			64516-001	LH	1
	58900-251	250 Ackermann Hydraulic Brake			64516-002	RH	1
31		RH Lower Steering Knuckle Assembly, Includes Key Nos. 36-38, 49-50	1	55		Front Axle Spacer	1
	58900-236	150 Ackermann Air Brake, Includes Key No. 42		a	70105-010	LH 6.5" Ride Height - 10 mm	
	58900-234	200 Ackermann Air Brake, Includes Key No. 42		b	64536-060	LH 8.5" Ride Height - 60 mm	
	58900-232	250 Ackermann Air Brake, Includes Key No. 42		c	64536-050	RH 8.5" Ride Height - 50 mm	
	58900-256	150 Ackermann Hydraulic Brake		Not Shown	18831-021	Dowel Pin 2.0" - 8.5" Ride Height	2
	58900-254	200 Ackermann Hydraulic Brake					
	58900-252	250 Ackermann Hydraulic Brake					
32		LH Upper Steering Knuckle Assembly, Includes Key Nos. 34-35, 37-38	1				
	60903-216	For Axle Assembly Nos. not included below					
	60903-252	For Axle Assembly Nos. 68987-045 through 68987-048					
33	60904-202	RH Upper Steering Knuckle Assembly, Includes Key Nos. 34-35, 37-38	1				

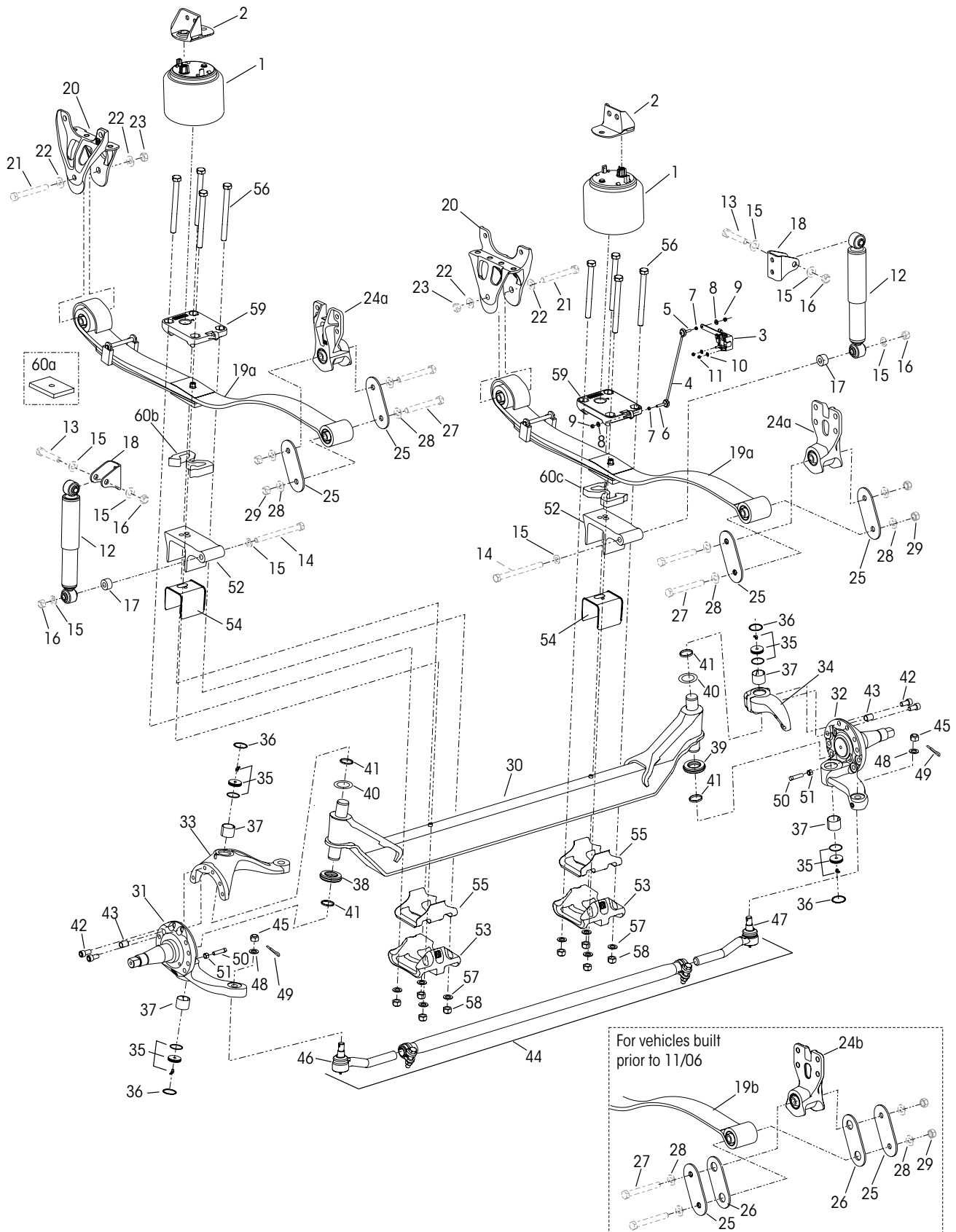
■ AIRTEK® with STEERTEK NXT axle for Blue Bird All American Buses
built AFTER October 2012 – 13.2K/14.6K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	66865-002L	Air Spring	2	60961-628	Kingpin Bushing and Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-629 & -630		
2	66807-002	Air Spring Bracket, <i>Replaces 66807-001</i>	2	60961-629	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit , Includes Key Nos. 40-45, 47, Loctite		
3	22962-014	1/2" Hardened Washer	2	60961-630	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit , Includes Key Nos. 40-44, 46-47 & Loctite		
4		**1/2"-13 UNC Nylon Locknut	2	40	33117-000	Grease Zerk	2
5		**3/4" Hardened Washer	2	41	68687-003	Grease Cap Assembly, Upper	2
6		**3/4"-10 UNC Nylon Locknut	2	42	68687-002	Grease Cap Assembly, Lower	2
7		**Hardened Washer	2	43	58909-001	Kingpin Bushing	4
8		**Wide Hardened Washer	2	60961-631	Thrust Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-632 & -633		
9		**1/2"-13 UNC Nylon Locknut	2	60961-632	LH Composite Thrust Bearing Service Kit , Includes Key Nos. 44-45, 47 & Loctite		
	59013-001	*****Height Control Valve Assembly, Includes Key Nos. 10-12, <i>Replaces 59013-000</i>	2	60961-633	RH Roller Thrust Bearing Service Kit , Includes Key Nos. 44, 46-47 & Loctite		
10	60501-001	Height Control Valve, <i>Replaces 60501-000</i>	2	44	68731-000	Kingpin Seal	4
11	22962-028	1/4" Hardened Washer	4	45	59828-000	LH Composite Thrust Bearing	1
12	49983-000	1/4"-20 UNC Locknut	4	46	64256-000	RH Roller Thrust Bearing	1
	66825-001	HCV Linkage Assembly, Includes Key Nos. 13-17	2	47	60236-001	5/8" Socket Head Cap Screw	4
13	59428-005	HCV Linkage	2	Not Shown	60937-000	Loctite® (Red) Compound Tube	1
14		*5/16"-18 UNC Stud - 2.44"	4	48	64246-000	ABS Sensor Sleeve	2
15		*5/16"-18 UNC Hex Nut	4	49		***Tie Rod Assembly, 13.2K/14.6K, 4.25" Drop, Includes Key Nos. 50-52, <i>See Selection Guide on Page 19</i>	1
16		*5/16" Hardened Washer	4	50		*7/8" Castle Nut	2
17		*5/16"-18 UNC Locknut	4			*** Tie Rod End Service Kit, Axle Set , Includes LH and RH Kits, <i>See Selection Guide on Page 19</i>	
18	58913-011L	Shock Absorber	2			*** LH Tie Rod End Service Kit , Includes Key Nos. 51, 53-54, <i>See Selection Guide on Page 19</i>	
19		**3/4"-10 UNC Upper Shock Bolt	2			*** RH Tie Rod End Service Kit , Includes Key Nos. 52-54, <i>See Selection Guide on Page 19</i>	
20		**3/4"-10 UNC Lower Shock Bolt	2	51		***LH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
21		**3/4" Hardened Washer	6	52		***RH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
22		**3/4"-10 UNC Hex Locknut	4	53	22962-007	7/8" Flat Washer	2
23	59946-006	Shock Spacer	2	54	17800-004	Tie Rod Nut Cotter Pin	2
24	67463-002	Shock Bracket	2	60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 55-56		
25	53487-000	Leaf Spring Assembly	2	55	60238-001	1/2"-13 UNC Square Head Bolt	2
26	64488-002	Front Hanger	2	56	60240-000	1/2"-13 UNC Hex Jam Nut	2
27		**M20 Hex Bolt - 170 mm	2			Clamp Group Service Kit, One side , Includes Key Nos. 57-59	
28		**M20 Hardened Washer	4	60961-673	6.8" Ride Height		
29		**M20 Locknut	2	60961-692	7.8" Ride Height		
30	66510-001	Rear Shackle Bracket	2	60961-674	8.8" Ride Height		
31	64314-000	Rear Shackle Plate	4	60961-693	9.8" Ride Height		
32		**M20 Hex Bolt - 150 mm	4	57		3/4"-16 UNF Hex bolt	8
33		**M20 Hardened Washer	8	21867-036	6.8" Ride Height - 5.0"		
34		**M20 Locknut	4	21867-007	7.8" Ride Height - 6.0"		
	68987-XXX	STEERTEK NXT Axle Assembly, Includes Key Nos. 35-39, 45-47, 49, 53-54. Contact Hendrickson Tech Service for Part Number	1	21867-006	8.8" Ride Height - 7.0"		
35		Axle & Kingpin Assembly 6.8", 7.8", 8.8" and 9.8" Ride Height	1	21867-004	9.8" Ride Height - 8.0"		
	68986-005M	13.2K, Narrow		58	22962-001	3/4" Flat Washer	8
	68986-002M	14.6K, Wide		59	17700-035	3/4"-16 UNF 2B Nylon Locknut	8
36		LH Lower Steering Knuckle Assembly Includes Key Nos. 42-44, 55-56	1	60		Dowel Pin	2
	58900-235	150 Ackermann Air Brake, Includes Key No. 48				6.8" Ride Height	None Req.
	58900-233	200 Ackermann Air Brake, Includes Key No. 48		18831-022	7.8" Ride Height - 1.13"		
	58900-231	250 Ackermann Air Brake, Includes Key No. 48		18831-021	8.8" Ride Height - 2.0"		
	58900-255	150 Ackermann Hydraulic Brake		18831-023	9.8" Ride Height - 3.0"		
	58900-253	200 Ackermann Hydraulic Brake		61		Top Pad	
	58900-251	250 Ackermann Hydraulic Brake		66814-001	LH		1
37		RH Lower Steering Knuckle Assembly Includes Key Nos. 42-44, 55-56	1	66814-002	RH		1
	58900-236	150 Ackermann Air Brake, Includes Key No. 48		62		LH/RH Front Axle Spacer	2
	58900-234	200 Ackermann Air Brake, Includes Key No. 48				6.8" Ride Height	None Req.
	58900-232	250 Ackermann Air Brake, Includes Key No. 48		64536-025	7.8" Ride Height - 25 mm		
	58900-256	150 Ackermann Hydraulic Brake		64536-050	8.8" Ride Height - 50 mm		
	58900-254	200 Ackermann Hydraulic Brake		64536-075	9.8" Ride Height - 75 mm		
	58900-252	250 Ackermann Hydraulic Brake					
38		LH Upper Steering Knuckle Assembly Includes Key Nos. 40-41, 43-44	1				
	60903-255	14.6K					
	60903-258	13.2K	1				
39	60904-202	RH Upper Steering Knuckle Assembly Includes Key Nos. 40-41, 43-44	1				

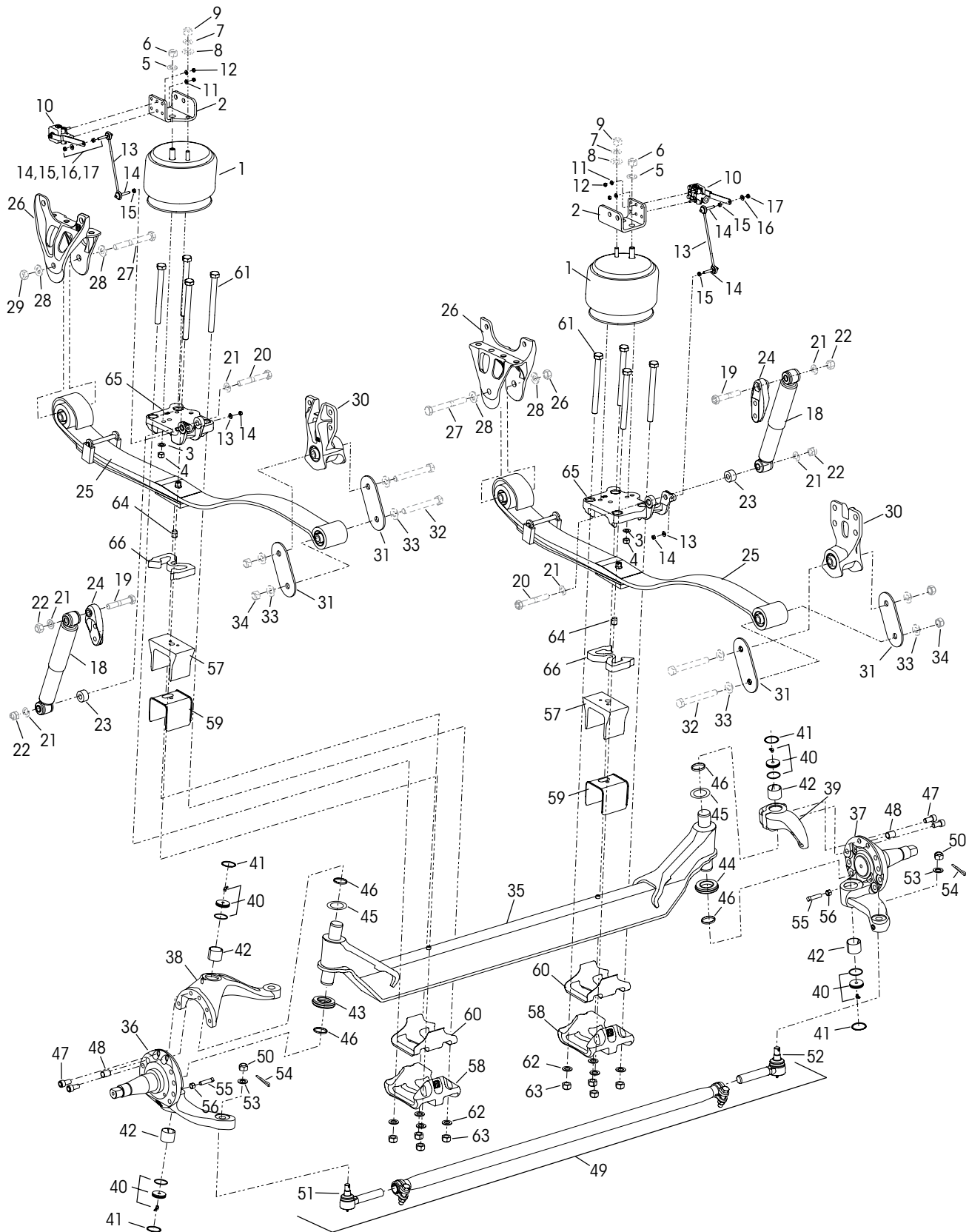
■ AIRTEK® with STEERTEK axle for Blue Bird Vision Buses
built PRIOR to October 2012 – 10K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	64075-002L	Air Spring	2		60961-039	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit , Includes Key Nos. 35-37, 39-42 and Loctite	
2	60850-001	Air Spring Bracket	2	35	59156-000	Grease Cap Assembly	4
	59427-008	HCV, Link Mount & Linkage Assembly, Includes Key Nos. 3-11	1	36	58937-000	Retaining Ring	4
3	59935-004	Height Control Valve	1	37	58909-000	Kingpin Bushing	4
4	59428-001	HCV Linkage	1		60961-043	Thrust Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-041 & 60961-042	
	64742-001	Link Mount Service Kit, Includes Key Nos. 5-6			60961-041	LH Composite Thrust Bearing Service Kit , Includes Key Nos. 38, 40-42 and Loctite	
5		* $\frac{5}{16}$ "-18 UNC Stud - 2.07"	1		60961-042	RH Roller Thrust Bearing Service Kit , Includes Key Nos. 39-42 and Loctite	
6		* $\frac{5}{16}$ "-18 UNC Stud - 2.44"	1	38	59828-000	LH Composite Thrust Bearing	1
7		* $\frac{5}{16}$ "-18 UNC Hex Nut	2	39	64256-000	RH Roller Thrust Bearing	1
8		* $\frac{5}{16}$ " Hardened Washer	2	40		Kingpin Shim	
9		* $\frac{5}{16}$ "-18 UNC Locknut	2		60259-002	0.047"	2
10		* $\frac{1}{4}$ " Hardened Washer	2		60259-001	0.005" (As needed for service)	
11		* $\frac{1}{4}$ "-20 UNC Locknut	2	41	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
12	58913-009L	Shock Absorber, <i>Replaces 58913-008</i>	2	42	60236-001	$\frac{3}{8}$ "-11 UNC Socket Head Cap Screw	4
13		** $\frac{3}{4}$ "-10 UNC Upper Shock Bolt	2	Not Shown	60937-000	Loctite (Red) Compound Tube	1
14		** $\frac{3}{4}$ "-10 UNC Lower Shock Bolt	2	43	64246-000	ABS Sensor Sleeve	2
15		** $\frac{3}{4}$ " Hardened Washer	8	44		***Tie Rod Assembly, 10K, 5.36" Drop, Includes Key Nos. 45-47, <i>See Selection Guide on Page 19</i>	1
16		** $\frac{3}{4}$ "-10 UNC Hex Locknut	4				
17	59946-001	Shock Spacer	2	45		* $\frac{7}{8}$ " Castle Nut	2
18	59423-002	Shock Bracket	2			*** Tie Rod End Service Kit, Axle Set , Includes LH and RH Kits, <i>See Selection Guide on Page 19</i>	
19		Leaf Spring Assembly	2			*** LH Tie Rod End Service Kit , Includes Key Nos. 46, 48-49, <i>See Selection Guide on Page 19</i>	
a	53487-000	For vehicles built after 11/06, <i>Replaces 66805-001</i>				*** RH Tie Rod End Service Kit , Includes Key Nos. 47-49, <i>See Selection Guide on Page 19</i>	
b	60512-000	For vehicles built prior to 11/06		46		***LH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
20	64488-002	Front Hanger, <i>Replaces 64488-000</i>	2	47		***RH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
21		**M20 Hex Bolt - 170 mm	2	48	22962-007	$\frac{7}{8}$ " Flat Washer	2
22		**M20 Hardened Washer	4	49	17800-004	Tie Rod Nut Cotter Pin	2
23		**M20 Locknut	2		60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 50-51	
24		Rear Shackle Bracket	2	50	60238-001	$\frac{1}{2}$ "-13 UNC Square Head Bolt	2
a	66510-001	For vehicles built after 11/06		51	60240-000	$\frac{1}{2}$ "-13 UNC Hex Jam Nut	2
b	64316-000	For vehicles built prior to 11/06		52	59952-003	Top Axle Wrap	2
25	64314-000	Rear Shackle Plate	4	53	64722-003	Bottom Axle Wrap	2
26	64159-000	Thrust Washer	4		60961-015	Top/Bottom Axle Wrap Liner Service Kit, One Side , Includes Key Nos. 54-55	
		Only for vehicles built prior to 11/06		54	60508-000	Top Axle Wrap Liner	2
27		**M20 Hex Bolt - 150 mm	4	55	59845-000	Bottom Axle Wrap Liner	2
28		**M20 Hardened Washer	8			Clamp Group Service Kit, One Side , Includes Key Nos. 56-58	
29		**M20 Locknut	4		60961-051	6.5" Ride Height	
	60952-XXX	STEERTEK Axle Assembly , Includes Key Nos. 30-36, 38-40, 42, 44, 48-55. Contact Hendrickson Tech Services for Part Number	1		60961-052	8.5" Ride Height	
30	64905-004	Axle & Kingpin Assembly, Narrow 6.5", 8.5" Ride Height	1	56		$\frac{3}{4}$ "-16 UNF Hex bolt	8
31		LH Lower Steering Knuckle Assembly	1		21867-044	6.5" Ride Height - 10.0"	
		Includes Key Nos. 37, 41			21867-045	8.5" Ride Height - 12.0"	
	58900-035	150 Ackermann Air Brake, Includes Key No. 43		57	22962-001	$\frac{3}{4}$ " Flat Washer	8
	58900-033	200 Ackermann Air Brake, Includes Key No. 43		58	17700-035	$\frac{3}{4}$ "-16 UNF 2B Nylon Locknut	8
	58900-031	250 Ackermann Air Brake, Includes Key No. 43		59		Top Pad	
	58900-055	150 Ackermann Hydraulic Brake			64516-001	LH	1
	58900-053	200 Ackermann Hydraulic Brake			64516-002	RH	1
	58900-051	250 Ackermann Hydraulic Brake		60		Front Axle Spacer	1
32		RH Lower Steering Knuckle Assembly	1	a	70105-010	LH 6.5" Ride Height - 10 mm, <i>Replaces 64536-010</i>	
		Includes Key Nos. 37, 41		b	64536-060	LH 8.5" Ride Height - 60 mm	
	58900-036	150 Ackermann Air Brake, Includes Key No. 43		c	64536-050	RH 8.5" Ride Height - 50 mm	
	58900-034	200 Ackermann Air Brake, Includes Key No. 43		Not Shown	18831-021	Dowel Pin 2.0", 8.5" Ride Height	2
	58900-032	250 Ackermann Air Brake, Includes Key No. 43					
	58900-056	150 Ackermann Hydraulic Brake					
	58900-054	200 Ackermann Hydraulic Brake					
	58900-052	250 Ackermann Hydraulic Brake					
33	60903-016	LH Upper Steering Knuckle Assembly	1				
		Includes Key Nos. 37, 41					
34	60904-002	RH Upper Steering Knuckle Assembly	1				
		Includes Key Nos. 37, 41					
	60961-040	Kingpin Bushing and Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-009 & -039					
	60961-009	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit , Includes Key Nos. 35-38, 40-42 and Loctite					

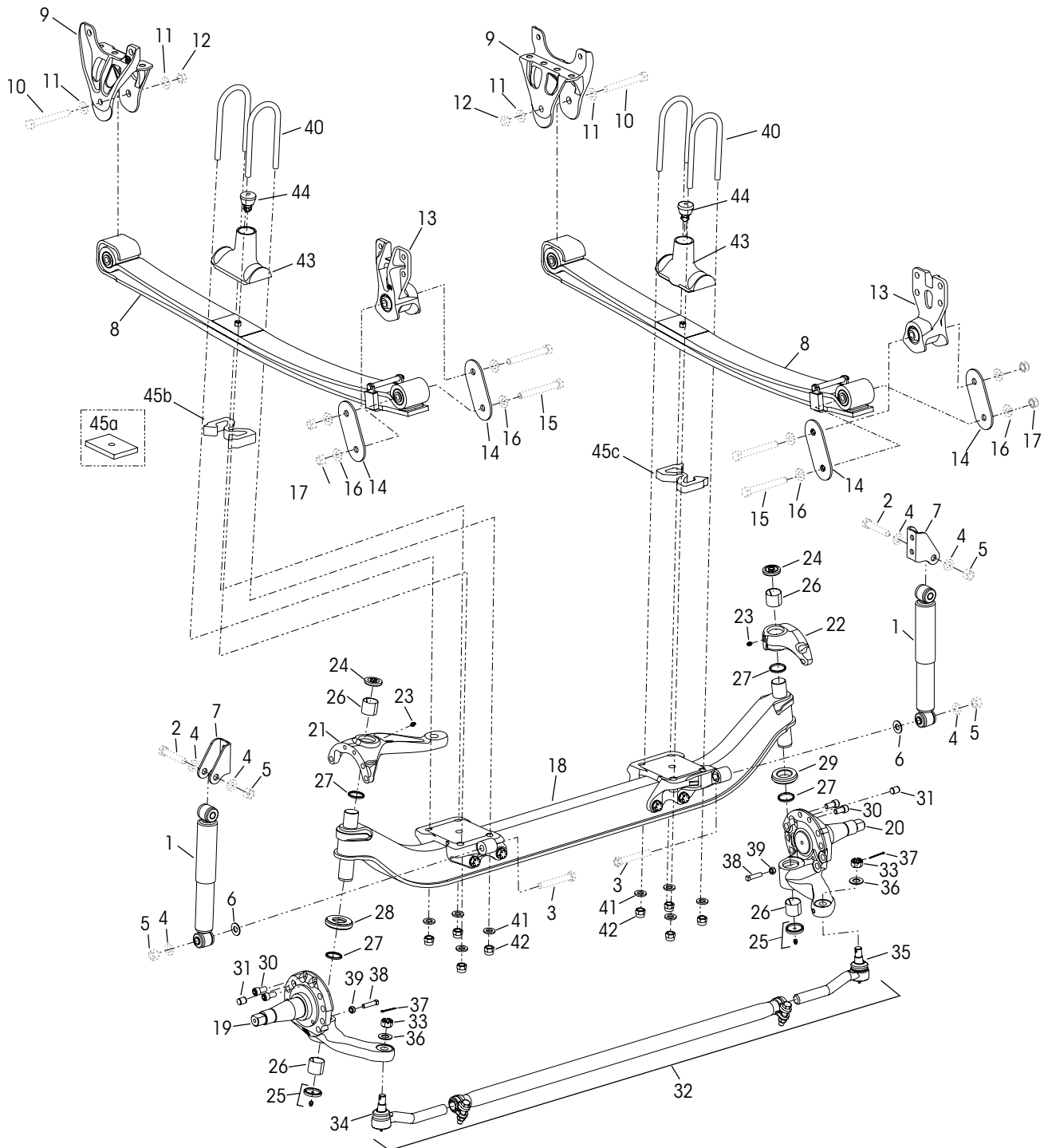
■ AIRTEK® with STEERTEK axle for Blue Bird All American Buses
built PRIOR to October 2012 – 13.2K/14.6K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	66865-002L	Air Spring	2		60961-039	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit , Includes Key Nos. 40-42, 44-47 and Loctite	
2	66807-002	Air Spring Bracket, <i>Replaces 66807-001</i>	2	40	59156-000	Grease Cap Assembly	4
3	22962-014	1/2" Hardened Washer	2	41	58937-000	Retaining Ring	4
4	17730-032	1/2"-13 UNC Nylon Locknut	2	42	58909-000	Kingpin Bushing	4
5		**3/4" Hardened Washer	2		60961-043	Thrust Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-041 & 60961-042	
6		**3/4"-10 UNC Nylon Locknut	2		60961-041	LH Composite Thrust Bearing Service Kit , Includes Key Nos. 43, 45-47 and Loctite	
7		**Hardened Washer	2		60961-042	RH Roller Thrust Bearing Service Kit , Includes Key Nos. 44-47 and Loctite	
8		**Wide Hardened Washer	2	43	59828-000	LH Composite Thrust Bearing	1
9		**1/2"-13 UNC Nylon Locknut	2	44	64256-000	RH Roller Thrust Bearing	1
	59013-000	*****Height Control Valve Assembly, Includes Key Nos. 10-12	2	45	60259-002	Kingpin Shim - 0.047"	2
10	60501-000	Height Control Valve	2		60259-001	Kingpin Shim - 0.005" (As needed for service)	
11	22962-028	1/4" Hardened Washer	4	46	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
12	49983-000	1/4"-20 UNC Locknut	4	47	60236-001	5/8"-11 UNC Socket Head Cap Screw	4
	66825-001	HCV Linkage Assembly, Includes Key Nos. 13-17	2	Not Shown	60937-000	Loctite (Red) Compound Tube	1
13	59428-005	HCV Linkage	2	48	64246-000	ABS Sensor Sleeve	2
14		*5/16"-18 UNC Stud - 2.44"	4	49		***Tie Rod Assembly, 13.2K/14.6K, 4.25" Drop, Includes Key Nos. 50-52, <i>See Selection Guide on Page 19</i>	1
15		*5/16"-18 UNC Hex Nut	4	50		*7/8" Castle Nut	2
16		*5/16" Hardened Washer	4			*** Tie Rod End Service Kit, Axle Set , Includes LH and RH Kits, <i>See Selection Guide on Page 19</i>	
17		*5/16"-18 UNC Locknut	4			*** LH Tie Rod End Service Kit , Includes Key Nos. 51, 53-54, <i>See Selection Guide on Page 19</i>	
18	58913-011L	Shock Absorber	2			*** RH Tie Rod End Service Kit , Includes Key Nos. 52-54, <i>See Selection Guide on Page 19</i>	
19		**3/4"-10 UNC Upper Shock Bolt	2	51		***LH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
20		**3/4"-10 UNC Lower Shock Bolt	2	52		***RH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
21		**3/4" Hardened Washer	6	53	22962-007	7/8" Flat Washer	2
22		**3/4"-10 UNC Hex Locknut	4	54	17800-004	Tie Rod Nut Cotter Pin	2
23	59946-006	Shock Spacer	2		60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 55-56	
24	67463-002	Shock Bracket, <i>Replaces 65000-002</i>	2	55	60238-001	1/2"-13 UNC Square Head Bolt	2
25	53487-000	Leaf Spring Assembly, <i>Replaces 66805-001</i>	2	56	60240-000	1/2"-13 UNC Hex Jam Nut	2
26	64488-002	Front Hanger	2	57	59952-026	Top Axle Wrap	2
27		**M20 Hex Bolt - 170 mm	2	58	64722-003	Bottom Axle Wrap	2
28		**M20 Hardened Washer	4		60961-015	Top/Bottom Axle Wrap Liner Service Kit, One Side , Includes Key Nos. 59-60	
29		**M20 Locknut	2	59	60508-000	Top Axle Wrap Liner	2
30	66510-001	Rear Shackle Bracket	2	60	59845-000	Bottom Axle Wrap Liner	2
31	64314-000	Rear Shackle Plate	4			Clamp Group Service Kit, One side , Includes Key Nos. 61-63	
32		**M20 Hex Bolt - 150 mm	4		60961-051	6.8" Ride Height	
33		**M20 Hardened Washer	8		60961-146	7.8" Ride Height	
34		**M20 Locknut	4		60961-052	8.8" Ride Height	
	60952-XXX	STEERTEK Axle Assembly, Includes Key Nos. 35-41, 43-45, 47, 49, 53-60. Contact Hendrickson Tech Service for Part Number	1		60961-147	9.8" Ride Height	
35		Axle & Kingpin Assembly 6.8", 7.8", 8.8" and 9.8" Ride Height	1	61		3/4"-16 UNF Hex bolt	8
	64905-004	13.2K, Narrow			21867-044	6.8" Ride Height - 10.0"	
	64905-007	14.6K, Wide			21867-027	7.8" Ride Height - 11.0"	
36		LH Lower Steering Knuckle Assembly, Includes Key Nos. 42, 46	1		21867-045	8.8" Ride Height - 12.0"	
	58900-035	150 Ackermann Air Brake, Includes Key No. 48			21867-035	9.8" Ride Height - 13.0"	
	58900-033	200 Ackermann Air Brake, Includes Key No. 48		62	22962-001	3/4" Flat Washer	8
	58900-031	250 Ackermann Air Brake, Includes Key No. 48		63	17700-035	3/4"-16 UNF 2B Nylon Locknut	8
	58900-055	150 Ackermann Hydraulic Brake		64		Dowel Pin	2
	58900-053	200 Ackermann Hydraulic Brake				6.8" Ride Height	None Req.
	58900-051	250 Ackermann Hydraulic Brake			18831-022	7.8" Ride Height - 1.13"	
37		RH Lower Steering Knuckle Assembly, Includes Key Nos. 42, 46	1		18831-021	8.8" Ride Height - 2.0"	
	58900-036	150 Ackermann Air Brake, Includes Key No. 48			18831-023	9.8" Ride Height - 3.0"	
	58900-034	200 Ackermann Air Brake, Includes Key No. 48		65	66814-001	****LH Top Pad	1
	58900-032	250 Ackermann Air Brake, Includes Key No. 48			66814-002	****RH Top Pad	1
	58900-056	150 Ackermann Hydraulic Brake		66		LH/RH Front Axle Spacer	2
	58900-054	200 Ackermann Hydraulic Brake				6.8" Ride Height	None Req.
	58900-052	250 Ackermann Hydraulic Brake			64536-025	7.8" Ride Height - 25 mm	
38		LH Upper Steering Knuckle Assembly, Includes Key Nos. 42, 46	1		64536-050	8.8" Ride Height - 50 mm	
	60903-058	13.2K			64536-075	9.8" Ride Height - 75 mm	
	60903-055	14.6K					
39	60904-002	RH Upper Steering Knuckle Assembly, Includes Key Nos. 42, 46	1				
	60961-040	Kingpin Bushing and Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-009 & -039					
	60961-009	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit , Includes Key Nos. 40-43, 45-47 and Loctite					

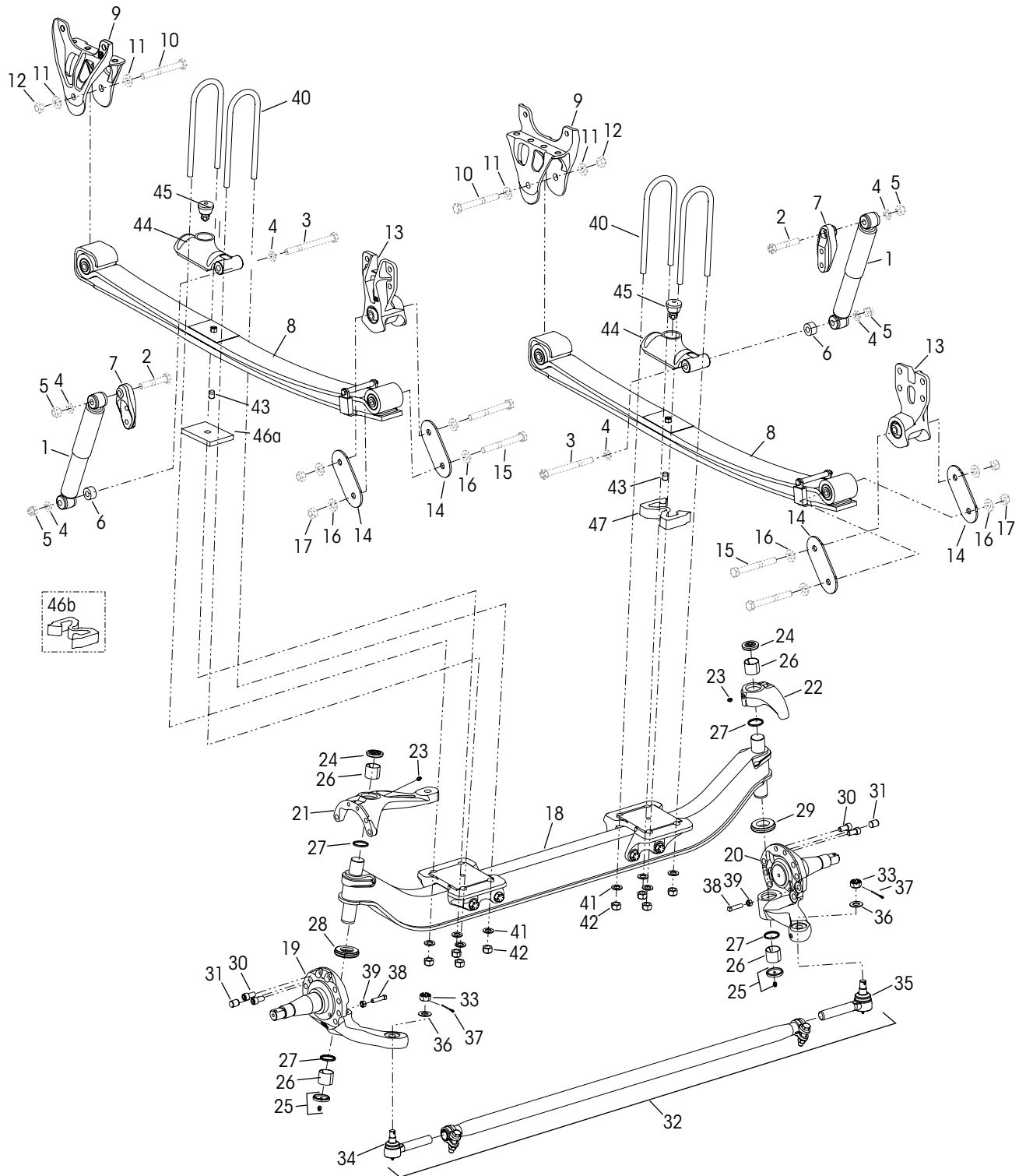
■ SOFTEK® with STEERTEK NXT axle for Blue Bird Vision Buses
built AFTER October 2012 – 8.5K/10K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	58913-009L	Shock Absorber	2	26	58909-001	Kingpin Bushing	4
2		**3/4"-10 UNC Upper Shock Bolt	2		60961-631	Thrust Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-632 & -633	
3		**3/4"-10 UNC Lower Shock Bolt	2		60961-632	LH Composite Thrust Bearing Service Kit, Includes Key Nos. 27-28, 30 & Loctite	
4		**3/4" Hardened Washer	6		60961-633	RH Roller Thrust Bearing Service Kit, Includes Key Nos. 27, 29-30 & Loctite	
5		**3/4"-10 UNC Hex Locknut	4	27	68731-000	Kingpin Seal	4
6	22962-046	Shock Spacer (Flat Washer) - 0.118" Thick	2	28	59828-000	LH Composite Thrust Bearing	1
7	59423-002	Shock Bracket	2	29	64256-000	RH Roller Thrust Bearing	1
8		Leaf Spring Assembly	2	30	60236-001	3/8" Socket Head Cap Screw	4
	53627-000	8.5K, <i>Replaces 66623-001</i>		Not Shown	60937-000	Loctite® (Red) Compound Tube	1
	53624-000	10K, <i>Replaces 66624-001</i>		31	64246-000	ABS Sensor Sleeve	2
9	64488-002	Front Hanger	2	32		***Tie Rod Assembly, 10K, 5.36" Drop, Includes Key Nos. 33-35, <i>See Selection Guide on Page 19</i>	1
10		**M20 Hex Bolt - 170 mm	2			***Tie Rod End Service Kit, Axle Set, Includes LH and RH Kits, <i>See Selection Guide on Page 19</i>	
11		**M20 Hardened Washer	4			***LH Tie Rod End Service Kit, Includes Key Nos. 34, 36-37, <i>See Selection Guide on Page 19</i>	
12		**M20 Locknut	2			***RH Tie Rod End Service Kit, Includes Key Nos. 35-37, <i>See Selection Guide on Page 19</i>	
13	66510-001	Rear Shackle Bracket	2	33		***LH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
14	64314-000	Rear Shackle Plate	4			***RH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
15		**M20 Hex Bolt - 150 mm	4	34			
16		**M20 Hardened Washer	8	35			
17		**M20 Locknut	4	36	22962-007	3/8" Flat Washer	2
	68987-XXX	STEERTEK NXT Axle Assembly, Includes Key Nos. 18-22, 28-30, 32, 36-37, Contact Hendrickson Tech Service for Part Number	1	37	17800-004	Tie Rod Nut Cotter Pin	2
18	68986-001M	Axle & Kingpin Assembly, Narrow 6.5", 8.5" Ride Height	1		60961-069	Stop Bolt Service Kit, One Side, Includes Key Nos. 38-39	
19		LH Lower Steering Knuckle Assembly Includes Key Nos. 25-27, 38-39	1	38	60238-001	1/2"-13 UNC Square Head Bolt	2
	58900-235	150 Ackermann Air Brake, Includes Key No. 31		39	60240-000	1/2"-13 UNC Hex Jam Nut	2
	58900-233	200 Ackermann Air Brake, Includes Key No. 31				Clamp Group Service Kit, One side, Includes Key Nos. 40-42	
	58900-231	250 Ackermann Air Brake, Includes Key No. 31			60961-669	6.5" Ride Height	
	58900-255	150 Ackermann Hydraulic Brake			60961-671	8.5" Ride Height	
	58900-253	200 Ackermann Hydraulic Brake		40		3/4"-16 UNF U-bolt	4
	58900-251	250 Ackermann Hydraulic Brake			64804-065	6.5" Ride Height	
20		RH Lower Steering Knuckle Assembly Includes Key Nos. 25-27, 38-39	1		64804-085	8.5" Ride Height	
	58900-236	150 Ackermann Air Brake, Includes Key No. 31		41	22962-001	3/4" Flat Washer	8
	58900-234	200 Ackermann Air Brake, Includes Key No. 31		42	17700-035	3/4"-16 UNF 2B Nylon Locknut	8
	58900-232	250 Ackermann Air Brake, Includes Key No. 31			64506-000	Top Pad/Axle Stop Assembly, Includes Key Nos. 43-44	
	58900-256	150 Ackermann Hydraulic Brake		43	64519-000	Top Pad	2
	58900-254	200 Ackermann Hydraulic Brake		44	64080-000	Rubber Axle Stop	2
	58900-252	250 Ackermann Hydraulic Brake		45		Front Axle Spacer	1
21	60903-216	LH Upper Steering Knuckle Assembly Includes Key Nos. 23-24, 26-27	1	a	70105-010	LH 6.5" Ride Height - 10 mm	
22	60904-202	RH Upper Steering Knuckle Assembly Includes Key Nos. 23-24, 26-27	1	b	64536-060	LH 8.5" Ride Height - 60 mm	
	60961-628	Kingpin Bushing and Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-629 & -630		c	64536-050	RH 8.5" Ride Height - 50 mm	
	60961-629	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit, Includes Key Nos. 23-28, 30, Loctite		Not Shown	18831-021	Dowel Pin 2.0", 8.5" Ride Height	2
	60961-630	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit, Includes Key Nos. 23-27, 29-30 & Loctite					
23	33117-000	Grease Zerk	2				
24	68687-003	Grease Cap Assembly, Upper	2				
25	68687-002	Grease Cap Assembly, Lower	2				

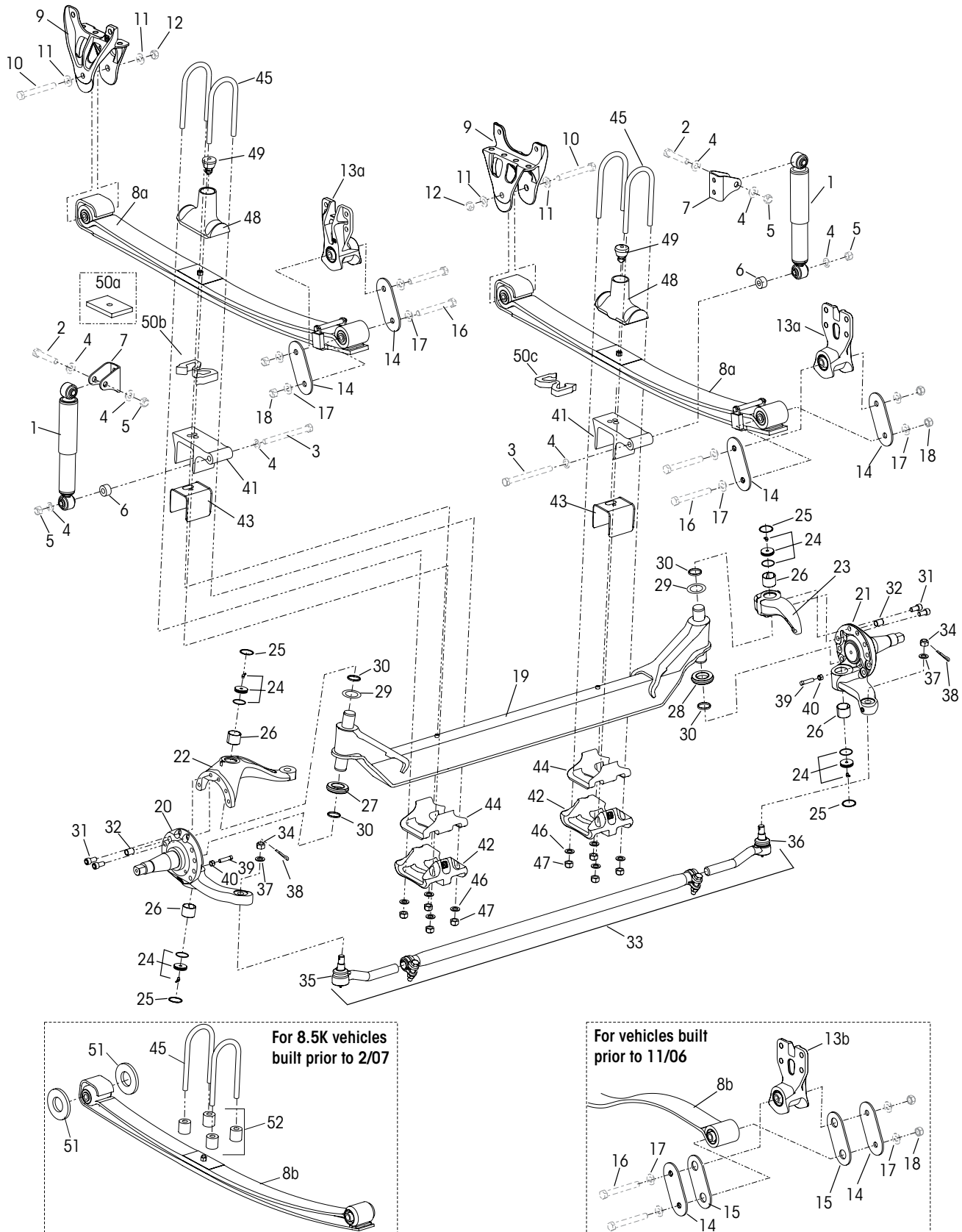
■ SOFTEK® with STEERTEK NXT axle for Blue Bird All American Buses
built AFTER October 2012 – 13.2K/14.6K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	58913-010L	Shock Absorber	2		60961-633	RH Roller Thrust Bearing Service Kit, Includes Key Nos. 27, 29-30 & Loctite	
2		**3/4"-10 UNC Upper Shock Bolt	2	27	68731-000	Kingpin Seal	4
3		**3/4"-10 UNC Lower Shock Bolt	2	28	59828-000	LH Composite Thrust Bearing	1
4		**3/4" Hardened Washer	6	29	64256-000	RH Roller Thrust Bearing	1
5		**3/4"-10 UNC Hex Locknut	4	30	60236-001	3/8" Socket Head Cap Screw	4
6	59946-001	Shock Spacer	2	Not Shown	60937-000	Loctite® (Red) Compound Tube	1
7	67463-002	Shock Bracket	2	31	64246-000	ABS Sensor Sleeve	2
8		Leaf Spring Assembly	2	32		***Tie Rod Assembly, 13.2K/14.6K, 4.25" Drop, Includes Key Nos. 33-35, See Selection Guide on Page 19	1
	53625-000	13.2K, Replaces 66625-001					
	53626-000	14.6K, Replaces 66626-001		33		*7/8" Castle Nut	2
9	64488-002	Front Hanger	2			***Tie Rod End Service Kit, Axle Set, Includes LH and RH Kits, See Selection Guide on Page 19	
10		**M20 Hex Bolt - 170 mm	2			***LH Tie Rod End Service Kit, Includes Key Nos. 34, 36-37, See Selection Guide on Page 19	
11		**M20 Hardened Washer	4			***RH Tie Rod End Service Kit, Includes Key Nos. 35-37, See Selection Guide on Page 19	
12		**M20 Locknut	2	34		***LH Tie Rod End, See Selection Guide on Page 19	1
13	66510-001	Rear Shackle Bracket	2	35		***RH Tie Rod End, See Selection Guide on Page 19	1
14	64314-000	Rear Shackle Plate	4	36	22962-007	7/8" Flat Washer	2
15		**M20 Hex Bolt - 150 mm	4	37	17800-004	Tie Rod Nut Cotter Pin	2
16		**M20 Hardened Washer	8		60961-069	Stop Bolt Service Kit, One Side, Includes Key Nos. 38-39	
17		**M20 Locknut	4	38	60238-001	1/2"-13 UNC Square Head Bolt	2
	68987-XXX	STEERTEK NXT Axle Assembly, Includes Key Nos. 18-22, 28-30, 32, 36-37, Contact Hendrickson Tech Services for Part Number	1	39	60240-000	1/2"-13 UNC Hex Jam Nut	2
18		Axle & Kingpin Assembly 6.8", 7.8", 8.8" and 9.8" Ride Height	1			Clamp Group Service Kit, One side, Includes Key Nos. 40-42	
	68986-004M	13.2K, Narrow			60961-669	6.8" Ride Height	
	68986-003M	14.6K, Wide			60961-670	7.8" Ride Height	
19		LH Lower Steering Knuckle Assembly Includes Key Nos. 25-27, 38-39	1		60961-671	8.8" Ride Height	
	58900-235	150 Ackermann Air Brake, Includes Key No. 31			60961-672	9.8" Ride Height	
	58900-233	200 Ackermann Air Brake, Includes Key No. 31		40		3/4"-16 UNF U-bolt	4
	58900-231	250 Ackermann Air Brake, Includes Key No. 31			64804-065	6.8" Ride Height - 6.5"	
	58900-255	150 Ackermann Hydraulic Brake			64804-075	7.8" Ride Height - 7.5"	
	58900-253	200 Ackermann Hydraulic Brake			64804-085	8.8" Ride Height - 8.5"	
	58900-251	250 Ackermann Hydraulic Brake			64804-095	9.8" Ride Height - 9.5"	
20		RH Lower Steering Knuckle Assembly Includes Key Nos. 25-27, 38-39	1	41	22962-001	3/4" Flat Washer	8
	58900-236	150 Ackermann Air Brake, Includes Key No. 31		42	17700-035	3/4"-16 UNF 2B Nylon Locknut	8
	58900-234	200 Ackermann Air Brake, Includes Key No. 31		43		Dowel Pin	2
	58900-232	250 Ackermann Air Brake, Includes Key No. 31			18831-022	6.8" Ride Height	None Req.
	58900-256	150 Ackermann Hydraulic Brake			18831-021	7.8" Ride Height - 1.13"	
	58900-254	200 Ackermann Hydraulic Brake			18831-023	8.8" Ride Height - 2.0"	
	58900-252	250 Ackermann Hydraulic Brake				9.8" Ride Height - 3.0"	
21		LH Upper Steering Knuckle Assembly Includes Key Nos. 23-24, 26-27	1		66806-001	Top Pad/Axle Stop Assembly, Includes Key Nos. 44-45	
	60903-258	13.2K		44	66666-000	Top Pad	2
	60903-255	14.6K		45	64080-000	Rubber Axle Stop	2
22	60904-202	RH Upper Steering Knuckle Assembly Includes Key Nos. 23-24, 26-27	1	46		LH Front Axle Spacer	1
	60961-628	Kingpin Bushing and Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-629 & -630		a	70105-010	6.8" Ride Height - 10 mm	
	60961-629	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit, Includes Key Nos. 23-28, 30, Loctite		b	64536-035	7.8" Ride Height - 35 mm	
	60961-630	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit, Includes Key Nos. 23-27, 29-30 & Loctite		b	64536-060	8.8" Ride Height - 60 mm	
23	33117-000	Grease Zerk	2	b	64536-085	9.8" Ride Height - 85 mm	
24	68687-003	Grease Cap Assembly, Upper	2	47		RH Front Axle Spacer	1
25	68687-002	Grease Cap Assembly, Lower	2		64536-025	6.8" Ride Height	None Req.
26	58909-001	Kingpin Bushing	4		64536-050	7.8" Ride Height - 25 mm	
	60961-631	Thrust Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-632 & -633			64536-075	8.8" Ride Height - 50 mm	
	60961-632	LH Composite Thrust Bearing Service Kit, Includes Key Nos. 27-28, 30 & Loctite				9.8" Ride Height - 75 mm	

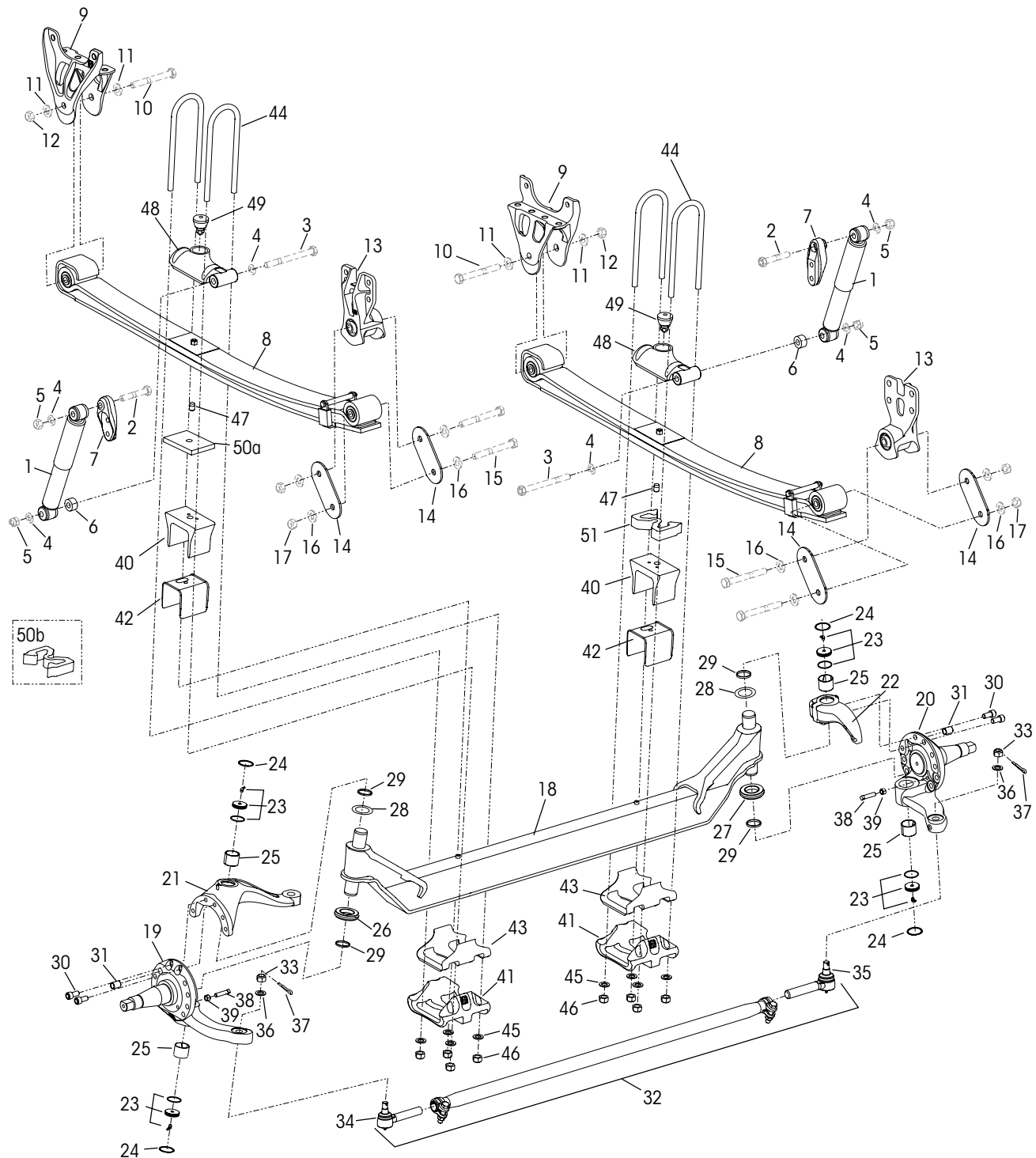
■ SOFTEK® with STEERTEK axle for Blue Bird Vision Buses
built PRIOR to October 2012 – 8.5K/10K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	58913-009L	Shock Absorber, <i>Replaces 58913-007</i>	2		60961-041	LH Composite Thrust Bearing Service Kit, Includes Key Nos. 27, 29-31 and Loctite	
2		**3/4"-10 UNC Upper Shock Bolt	2		60961-042	RH Roller Thrust Bearing Service Kit, Includes Key Nos. 28-31 and Loctite	
3		**3/4"-10 UNC Lower Shock Bolt	2	27	59828-000	LH Composite Thrust Bearing	1
4		**3/4" Hardened Washer	8	28	64256-000	RH Roller Thrust Bearing	1
5		**3/4"-10 UNC Hex Locknut	4	29		Kingpin Shim	
6	59946-001	Shock Spacer	2		60259-002	0.047"	2
7	59423-002	Shock Bracket	2		60259-001	0.005" (As needed for service)	
8		Leaf Spring Assembly	2	30	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
a		• For vehicles built after 11/06		31	60236-001	5/8"-11 UNC Socket Head Cap Screw	4
	53627-000	8.5K, <i>Replaces 66623-001</i>		Not Shown	60937-000	Loctite (Red) Compound Tube	1
	53624-000	10K, <i>Replaces 66624-001</i>		32	64246-000	ABS Sensor Sleeve	2
b		• For vehicles built prior to 11/06		33		***Tie Rod Assembly, 8.5K/10K, 5.36" Drop, Includes Key Nos. 34-36, <i>See Selection Guide on Page 19</i>	1
	66364-000	8.5K					
	60511-000	10K		34		*7/8" Castle Nut	2
9	64488-002	Front Hanger, <i>Replaces 64488-000</i>	2			*** Tie Rod End Service Kit, Axle Set, Includes LH and RH Kits, <i>See Selection Guide on Page 19</i>	
10		**M20 Hex Bolt - 170 mm	2			*** LH Tie Rod End Service Kit, Includes Key Nos. 35, 37-38, <i>See Selection Guide on Page 19</i>	
11		**M20 Hardened Washer	4			*** RH Tie Rod End Service Kit, Includes Key Nos. 36-38, <i>See Selection Guide on Page 19</i>	
12		**M20 Locknut	2	35		***LH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
13		Rear Shackle Bracket	2	36		***RH Tie Rod End, <i>See Selection Guide on Page 19</i>	1
a	66510-001	For vehicles built after 11/06		37	22962-007	7/8" Flat Washer	2
b	64316-000	For vehicles built prior to 11/06		38	17800-004	Tie Rod Nut Cotter Pin	2
14	64314-000	Rear Shackle Plate	4		60961-069	Stop Bolt Service Kit, One Side, Includes Key Nos. 39-40	
15	64159-000	Thrust Washer Only for vehicles built prior to 11/06	4	39	60238-001	1/2"-13 UNC Square Head Bolt	2
16		**M20 Hex Bolt - 150 mm	4	40	60240-000	1/2"-13 UNC Hex Jam Nut	2
17		**M20 Hardened Washer	8	41	59952-003	Top Axle Wrap	2
18		**M20 Locknut	4	42	64722-003	Bottom Axle Wrap	2
	60952-XXX	STEERTEK Axle Assembly, Includes Key Nos. 19-25, 27-29, 31-44. Contact Hendrickson Tech Service for Part Number	1		60961-015	Top/Bottom Axle Wrap Liner Service Kit, One Side, Includes Key Nos. 43-44	
19	64905-004	Axle & Kingpin Assembly, Narrow 6.5", 8.5" Ride Height	1	43	60508-000	Top Axle Wrap Liner	2
20		LH Lower Steering Knuckle Assembly Includes Key Nos. 26, 30	1	44	59845-000	Bottom Axle Wrap Liner	2
	58900-035	150 Ackermann Air Brake, Includes Key No. 32				Clamp Group Service Kit, One side, Includes Key Nos. 45-47	
	58900-033	200 Ackermann Air Brake, Includes Key No. 32			60961-140	6.5" Ride Height	
	58900-031	250 Ackermann Air Brake, Includes Key No. 32			60961-141	8.5" Ride Height	
	58900-055	150 Ackermann Hydraulic Brake		45		3/4"-16 UNF U-bolt	4
	58900-053	200 Ackermann Hydraulic Brake			64804-110	6.5" Ride Height - 11.0"	
	58900-051	250 Ackermann Hydraulic Brake			64804-130	8.5" Ride Height - 13.0"	
21		RH Lower Steering Knuckle Assembly Includes Key Nos. 26, 30	1	46	22962-001	3/4" Flat Washer	8
	58900-036	150 Ackermann Air Brake, Includes Key No. 32		47	17700-035	3/4"-16 UNF 2B Nylon Locknut	8
	58900-034	200 Ackermann Air Brake, Includes Key No. 32			64506-000	Top Pad/Axle Stop Assembly, Includes Key Nos. 48-49	
	58900-032	250 Ackermann Air Brake, Includes Key No. 32		48	64519-000	Top Pad	2
	58900-056	150 Ackermann Hydraulic Brake		49	64080-000	Rubber Axle Stop	2
	58900-054	200 Ackermann Hydraulic Brake		50		Front Axle Spacer	1
	58900-052	250 Ackermann Hydraulic Brake		a	70105-010	LH 6.5" Ride Height - 10 mm, <i>Replaces 64536-010</i>	
22	60903-016	LH Upper Steering Knuckle Assembly Includes Key Nos. 26, 30	1	b	64536-060	LH 8.5" Ride Height - 60 mm	
23	60904-002	RH Upper Steering Knuckle Assembly Includes Key Nos. 26, 30	1	c	64536-050	RH 8.5" Ride Height - 50 mm	
	60961-040	Kingpin Bushing and Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-009 & -039		51	66164-000	Thrust Pad Washer For 8.5K vehicles built prior to 2/07	2
	60961-009	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit, Includes Key Nos. 24-27, 29-31 and Loctite		52	66366-001	Clamp Group Spacer For 8.5K vehicles built prior to 2/07	4
	60961-039	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit, Includes Key Nos. 24-26, 28-31 and Loctite		Not Shown	18831-021	Dowel Pin 2.0", 8.5" Ride Height	2
24	59156-000	Grease Cap Assembly	4				
25	58937-000	Retaining Ring	4				
26	58909-000	Kingpin Bushing	4				
	60961-043	Thrust Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-041 & -042					

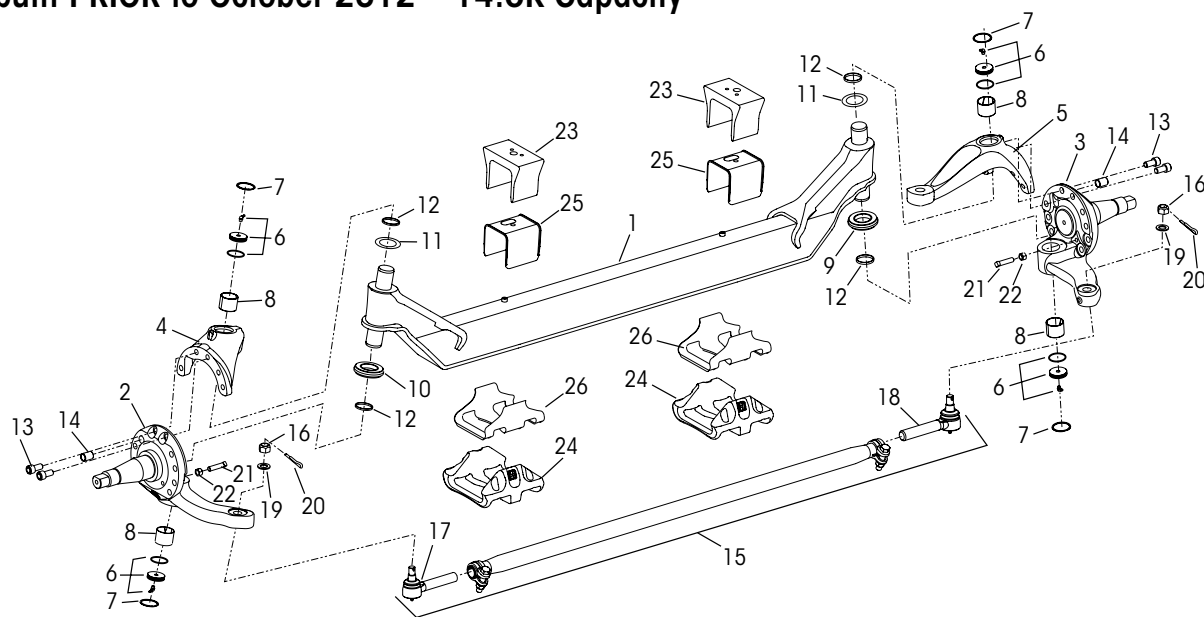
■ SOFTEK® with STEERTEK axle for Blue Bird All American Buses
built PRIOR to October 2012 – 13.2K/14.6K Capacity





KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	58913-010L	Shock Absorber	2	28		Kingpin Shim	
2		**3/4"-10 UNC Upper Shock Bolt	2		60259-002	0.047"	2
3		**3/4"-10 UNC Lower Shock Bolt	2		60259-001	0.005" (As needed for service)	
4		**3/4" Hardened Washer	6	29	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
5		**3/4"-10 UNC Hex Locknut	4	30	60236-001	5/8"-11 UNC Socket Head Cap Screw	4
6	59946-001	Shock Spacer	2	Not Shown	60937-000	Loctite (Red) Compound Tube	1
7	67463-002	Shock Bracket, <i>Replaces 65000-002</i>	2	31	64246-000	ABS Sensor Sleeve	2
8		Leaf Spring Assembly	2	32		***Tie Rod Assembly, 13.2K/14.6K, 4.25" Drop, Includes Key Nos. 33-35, <i>See Selection Guide</i> <i>on Page 19</i>	1
	53625-000	13.2K, <i>Replaces 66625-001</i>					
	53626-000	14.6K, <i>Replaces 66626-001</i>		33		***1/2" Castle Nut	2
9	64488-002	Front Hanger	2			***Tie Rod End Service Kit, Axle Set, Includes LH and RH Kits, <i>See Selection Guide</i> <i>on Page 19</i>	
10		**M20 Hex Bolt - 170 mm	2			***LH Tie Rod End Service Kit, Includes Key Nos. 34, 36-37, <i>See Selection Guide on Page 19</i>	
11		**M20 Hardened Washer	4			***RH Tie Rod End Service Kit, Includes Key Nos. 35-37, <i>See Selection Guide on Page 19</i>	
12		**M20 Locknut	2	34		***LH Tie Rod End, <i>See Selection Guide</i> <i>on Page 19</i>	1
13	66510-001	Rear Shackle Bracket	2	35		***RH Tie Rod End, <i>See Selection Guide</i> <i>on Page 19</i>	1
14	64314-000	Rear Shackle Plate	4	36	22962-007	7/8" Flat Washer	2
15		**M20 Hex Bolt - 150 mm	4	37	17800-004	Tie Rod Nut Cotter Pin	2
16		**M20 Hardened Washer	8		60961-069	Stop Bolt Service Kit, One Side, Includes Key Nos. 38-39	
17		**M20 Locknut	4	38	60238-001	1/2"-13 UNC Square Head Bolt	2
	60952-XXX	STEERTEK Axle Assembly, Includes Key Nos. 18-24, 26-28, 30-43. Contact Hendrickson Tech Services for Part Number	1	39	60240-000	1/2"-13 UNC Hex Jam Nut	2
18		Axle & Kingpin Assembly	1	40	59952-026	Top Axle Wrap	2
	64905-002	6.8", 7.8", 8.8" and 9.8" Ride Height		41	64722-003	Bottom Axle Wrap	2
	64905-005	13.2K, Narrow			60961-015	Top/Bottom Axle Wrap Liner Service Kit, One Side, Includes Key Nos. 42-43	
19		LH Lower Steering Knuckle Assembly	1	42	60508-000	Top Axle Wrap Liner	2
		Includes Key Nos. 25, 29		43	59845-000	Bottom Axle Wrap Liner	2
	58900-035	150 Ackermann Air Brake, Includes Key No. 31				Clamp Group Service Kit, One side, Includes Key Nos. 44-46	
	58900-033	200 Ackermann Air Brake, Includes Key No. 31			60961-142	6.8" Ride Height	
	58900-031	250 Ackermann Air Brake, Includes Key No. 31			60961-143	7.8" Ride Height	
	58900-055	150 Ackermann Hydraulic Brake			60961-144	8.8" Ride Height	
	58900-053	200 Ackermann Hydraulic Brake			60961-145	9.8" Ride Height	
	58900-051	250 Ackermann Hydraulic Brake		44		3/4"-16 UNF U-bolt	4
20		RH Lower Steering Knuckle Assembly	1		64804-120	6.8" Ride Height - 12.0"	
		Includes Key Nos. 25, 29			64804-130	7.8" Ride Height - 13.0"	
	58900-036	150 Ackermann Air Brake, Includes Key No. 31			64804-140	8.8" Ride Height - 14.0"	
	58900-034	200 Ackermann Air Brake, Includes Key No. 31			64804-150	9.8" Ride Height - 15.0"	
	58900-032	250 Ackermann Air Brake, Includes Key No. 31		45	22962-001	3/4" Flat Washer	8
	58900-056	150 Ackermann Hydraulic Brake		46	17700-035	3/4"-16 UNF 2B Nylon Locknut	8
	58900-054	200 Ackermann Hydraulic Brake		47		Dowel Pin	2
	58900-052	250 Ackermann Hydraulic Brake				6.8" Ride Height	None Req.
21		LH Upper Steering Knuckle Assembly	1		18831-022	7.8" Ride Height - 1.13"	
		Includes Key Nos. 25, 29			18831-021	8.8" Ride Height - 2.0"	
	60903-058	13.2K			18831-023	9.8" Ride Height - 3.0"	
	60903-055	14.6K			66806-001	Top Pad/Axle Stop Assembly Includes Key Nos. 48-49	
22	60904-002	RH Upper Steering Knuckle Assembly	1	48	66666-000	Top Pad	2
		Includes Key Nos. 25, 29		49	64080-000	Rubber Axle Stop	2
	60961-040	Kingpin Bushing and Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-009 & -039		50		LH Front Axle Spacer	1
	60961-009	LH Kingpin Bushing w/Composite Thrust Bearing Service Kit, Includes Key Nos. 23-26, 28-30, Loctite		a	70105-010	6.8" Ride Height - 10 mm <i>Replaces 64536-010</i>	
	60961-039	RH Kingpin Bushing w/Roller Thrust Bearing Service Kit, Includes Key Nos. 23-25, 27-30, Loctite		b	64536-035	7.8" Ride Height - 35 mm	
23	59156-000	Grease Cap Assembly	4	b	64536-060	8.8" Ride Height - 60 mm	
24	58937-000	Retaining Ring	4	b	64536-085	9.8" Ride Height - 85 mm	
25	58909-000	Kingpin Bushing	4	51		RH Front Axle Spacer	1
	60961-043	Thrust Bearing Service Kit, Axle Set, Includes Kit Nos. 60961-041 & -042				6.8" Ride Height	None Req.
	60961-041	LH Composite Thrust Bearing Service Kit, Includes Key Nos. 26, 28-30 and Loctite			64536-025	7.8" Ride Height - 25 mm	
	60961-042	RH Roller Thrust Bearing Service Kit, Includes Key Nos. 27-30 and Loctite			64536-050	8.8" Ride Height - 50 mm	
26	59828-000	LH Composite Thrust Bearing	1		64536-075	9.8" Ride Height - 75 mm	
27	64256-000	RH Roller Thrust Bearing	1				

■ STEERTEK Right Hand Drive axle for Blue Bird All American Buses built PRIOR to October 2012 – 14.6K Capacity



KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
	67951-XXX	STEERTEK Axle Assembly, Includes Key Nos. 1-7, 9-11, 13, 15, 19-26 Contact Hendrickson Tech Services for Part Number	1
1		Axle & Kingpin Assembly	1
	67905-405	SOFTEK Standard Drop - 14.6K	
	67905-407	AIRTEK Deep Drop - 14.6K	
2		LH Lower Steering Knuckle Assembly Includes Key Nos. 8, 12	1
	58900-035	150 Ackermann Air Brake, Includes Key No. 14	
	58900-033	200 Ackermann Air Brake, Includes Key No. 14	
	58900-031	250 Ackermann Air Brake, Includes Key No. 14	
	58900-055	150 Ackermann Hydraulic Brake	
	58900-053	200 Ackermann Hydraulic Brake	
	58900-051	250 Ackermann Hydraulic Brake	
3		RH Lower Steering Knuckle Assembly Includes Key Nos. 8, 12	1
	58900-036	150 Ackermann Air Brake, Includes Key No. 14	
	58900-034	200 Ackermann Air Brake, Includes Key No. 14	
	58900-032	250 Ackermann Air Brake, Includes Key No. 14	
	58900-056	150 Ackermann Hydraulic Brake	
	58900-054	200 Ackermann Hydraulic Brake	
	58900-052	250 Ackermann Hydraulic Brake	
4	60904-001	LH Upper Steering Knuckle Assembly Includes Key Nos. 8, 12	1
5	70903-001	RH Upper Steering Knuckle Assembly Includes Key Nos. 8, 12	1
	60961-040	Kingpin Bushing and Bearing Service Kit, Axle Set , Includes Kit Nos. 60961-009 & -039	
	60961-009	RH Kingpin Bushing w/Composite Thrust Bearing Service Kit , Includes Key Nos. 6-9, 10-12, Loctite	
	60961-039	LH Kingpin Bushing w/Roller Thrust Bearing Service Kit , Includes Key Nos. 6-8, 10-13, Loctite	
6	59156-000	Grease Cap Assembly	4
7	58937-000	Retaining Ring	4
8	58909-000	Kingpin Bushing	4
	60961-043	Thrust Bearing Service Kit, Axle Set Includes Kit Nos. 60961-041 & -042	
	60961-041	RH Composite Thrust Bearing Service Kit , Includes Key Nos. 9, 11-13, Loctite	

KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
	60961-042	LH Roller Thrust Bearing Service Kit , Includes Key Nos. 10-13, Loctite	
9	59828-000	RH Composite Thrust Bearing	1
10	64256-000	LH Roller Thrust Bearing	1
11	60259-002	Kingpin Shim - 0.047"	2
Not Shown	60259-001	Kingpin Shim - 0.005" (As needed for service)	
12	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
13	60236-001	5/8"-11 UNC Socket Head Cap Screw	4
Not Shown	60937-000	Loctite (Red) Compound Tube	1
14	64246-000	ABS Sensor Sleeve	2
15		***Tie Rod Assembly, 13.2K/14.6K, 4.25" Drop, Includes Key Nos. 16-18, See Selection Guide on Page 19	1
16		*7/8" Castle Nut	2
		*** Tie Rod End Service Kit, Axle Set , Includes LH and RH Kits, See Selection Guide on Page 19	
		*** LH Tie Rod End Service Kit , Includes Key Nos. 17, 19-20, See Selection Guide on Page 19	
		*** RH Tie Rod End Service Kit , Includes Key Nos. 18-20, See Selection Guide on Page 19	
17		***LH Tie Rod End, See Selection Guide on Page 19	1
18		***RH Tie Rod End, See Selection Guide on Page 19	1
19	22962-007	7/8" Flat Washer	2
20	17800-004	Tie Rod Nut Cotter Pin	2
	60961-069	Stop Bolt Service Kit, One Side , Includes Nos. 21-22	
21	60238-001	1/2"-13 UNC Square Head Bolt	2
22	60240-000	1/2"-13 UNC Hex Jam Nut	2
23		Top Axle Wrap	2
	59952-026	13.2K	
	59952-031	14.6K	
24	64722-003	Bottom Axle Wrap	2
	60961-015	Top/Bottom Axle Wrap Liner Service Kit, One Side , Includes Nos. 25-26	
25	60508-000	Top Axle Wrap Liner	2
26	59845-000	Bottom Axle Wrap Liner	2



■ AIRTEK / SOFTEK – TIE ROD SELECTION GUIDE

Vehicles built AFTER March 2014			
TYPE	TIE ROD ASSEMBLY PART NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.
■ 8.5K-10K • Drop Tie Rods – 1¼" Threads			
150 / 200 Ackermann	76878-003	76875-001 (LH) 76875-002 (RH)	60961-737 (Axle Set) 60961-739 (LH) 60961-740 (RH)
250 Ackermann	76878-001		
■ 13.2K • Straight Tie Rods – 1⅝" Threads			
150 Ackermann	76877-004	70995-001 (LH) 70995-002 (RH)	60961-734 (Axle Set) 60961-736 (LH) 60961-741 (RH)
200 Ackermann	76877-005		
250 Ackermann	76877-001		
250 Ackermann	76877-006		
■ 14.6K • Straight Tie Rods – 1¾" Threads			
150 Ackermann	76879-001	76876-001 (LH) 76876-002 (RH)	60961-735 (Axle Set) 60961-742 (LH) 60961-743 (RH)
200 / 250* Ackermann	76879-002		
250 Ackermann	76879-003		

Vehicles built PRIOR TO March 2014				
TYPE	TIE ROD ASSEMBLY PART NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.	REPLACEMENT TIE ROD ASSEMBLY PART NUMBER
	These tie rod ends, tie rod assemblies and tie rod end service kits are NO LONGER AVAILABLE and will require complete tie rod assembly replacement.			
■ 8.5K-10K • Drop Tie Rods – 1¼" Threads				
150 / 200 Ackermann	66699-003	66645-001 (LH) 66645-002 (RH)	60961-139 (Axle Set) 60961-137 (LH) 60961-138 (RH)	76878-003
250 Ackermann	66699-001			76878-001
150 / 200 Ackermann	59948-005	64004-001 (LH) 64004-002 (RH)	60961-012 (Axle Set) 60961-029 (LH) 60961-030 (RH)	76878-003
250 Ackermann	59948-006			76878-001
■ 13.2K • Straight Tie Rods – 1⅝" Threads				
150 Ackermann	60239-004	64000-001 (LH) 64000-002 (RH)	60961-010 (Axle Set) 60961-025 (LH) 60961-026 (RH)	76877-004
200 Ackermann	60239-005			76877-005
250 Ackermann	60239-001			76877-001
250 Ackermann	60239-006			76877-006
■ 14.6K • Straight Tie Rods – 1¼" Threads				
150 Ackermann	64006-001	64002-001 (LH) 64002-002 (RH)	60961-011 (Axle Set) 60961-027 (LH) 60961-028 (RH)	76879-001
200 / 250* Ackermann	64006-002			76879-002
250 Ackermann	64006-003			76879-003
* for 68987-018 and 68987-024 Axle Assembly				

* for 68987-018 and 68987-024 Axle Assembly

NOTE: Quantities of service kit components may vary from amount shown in this publication.

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

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

*** Hendrickson supplies different tie rod assemblies and each type may take a different replacement tie rod end kit to service. Prior to ordering, find the part number on the tie rod tube, refer to Hendrickson Publication No. SEU-0223 or contact Hendrickson Truck Parts for corresponding kit numbers.

**** When servicing the Top Pad Part No. 66814-001/-002 on 13.2K/14.6K AIRTEK built prior to October 2012 (Key No. 65 on page 8), it will require to replace both left hand and right hand Top Pads.

***** When servicing Height Control Valve Assembly on

• AIRTEK with 13.2K/14.6K capacity, built between October 2012 and November 2013 – replace the HCV assembly with 59013-000

• AIRTEK with 13.2K/14.6K capacity, built after November 2013 – replace the HCV assembly with 59013-001.

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.

www.hendrickson-intl.com



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