

PARTS LIST

AIRTEK® Front Air Suspension with STEERTEK NXT Axle for Freightliner • Western Star (Sterling Vehicles built prior to 04/2009)

LIT NO: SP-169

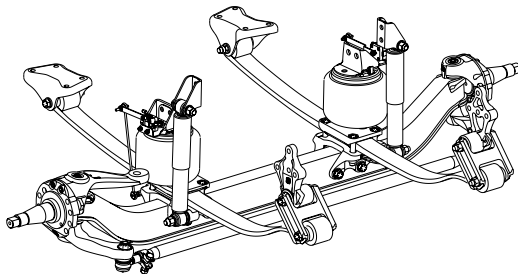
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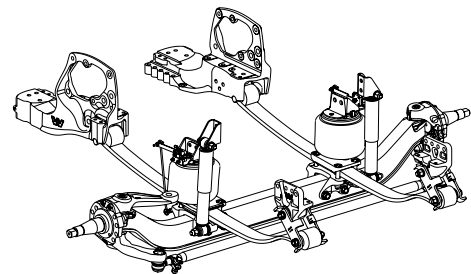
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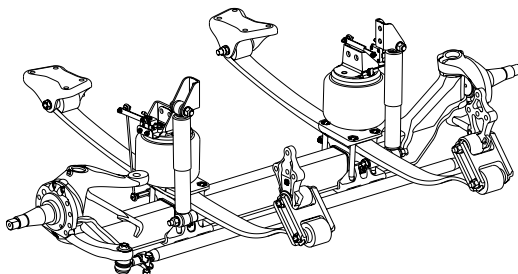
AIRTEK with STEERTEK NXT Axle – Freightliner



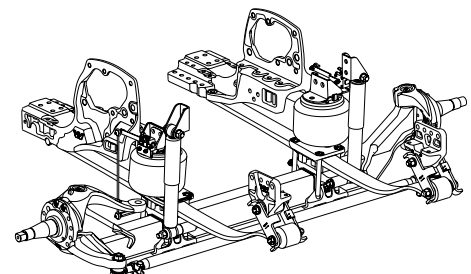
AIRTEK with STEERTEK NXT Axle – Western Star



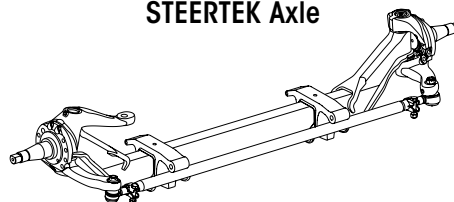
AIRTEK with STEERTEK Axle – Freightliner



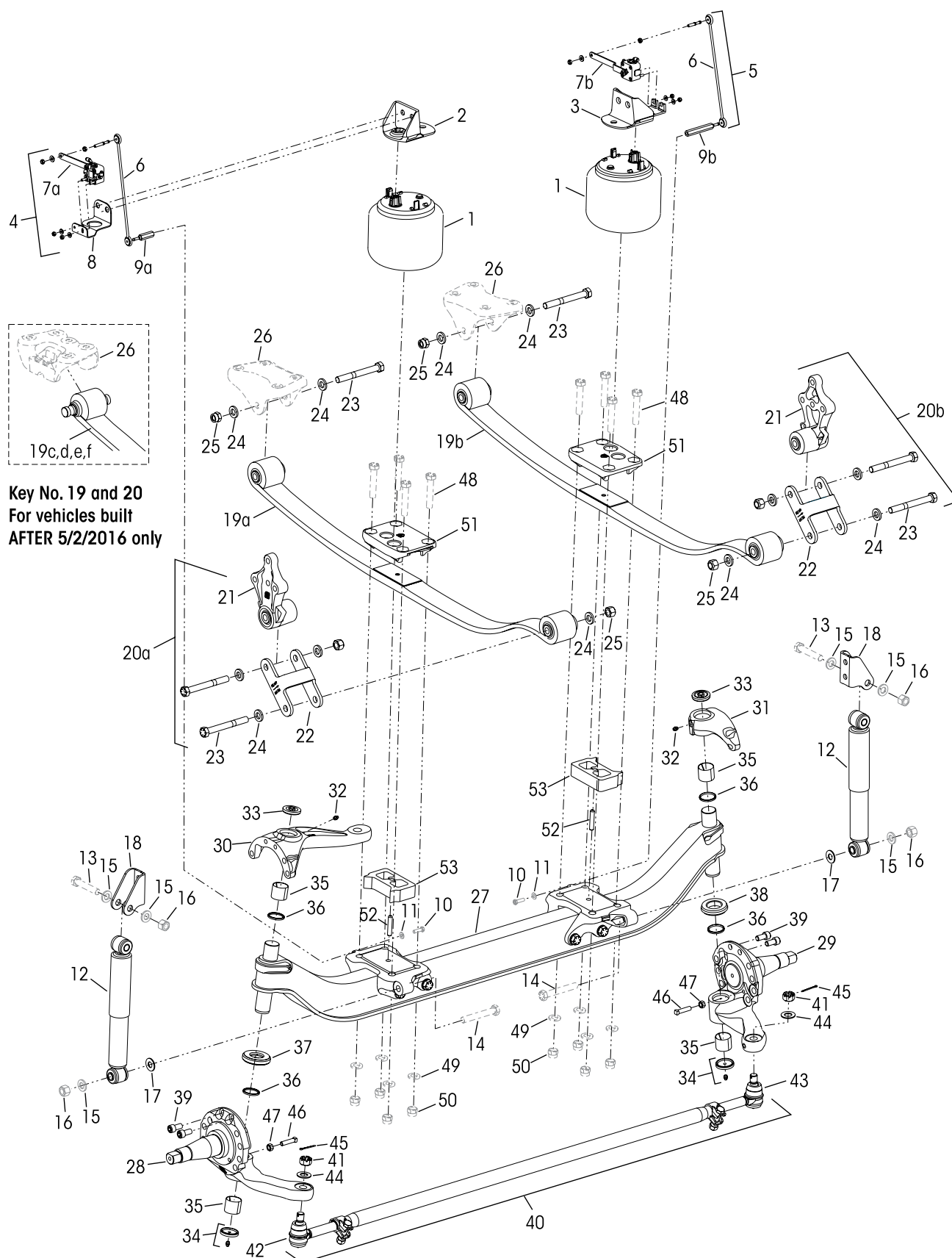
AIRTEK with STEERTEK Axle – Western Star



STEERTEK Axle



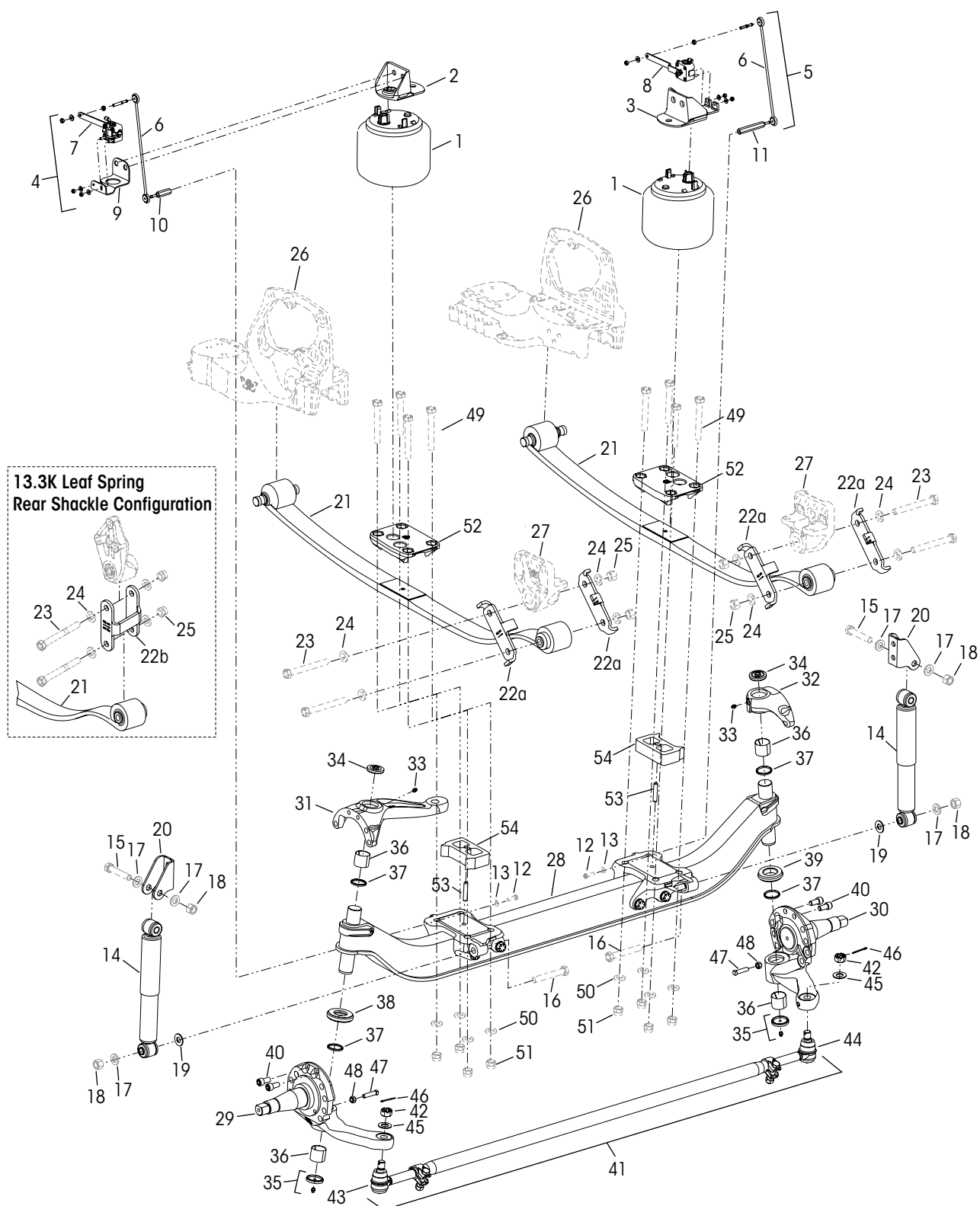
Vehicles built AFTER November 2011 • Models Cascadia and Coronado





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	69116-002L	Air Spring	2	23		**¾"-16 UNF x 6½" Bolt	6
2	60850-001	LH Air Spring Bracket	1	24		**¾" Washer (thick washer)	12
3	60850-002	RH Air Spring Bracket	1	25		**¾"-16 UNF Nylon Locknut	6
4		LH HCV & Linkage Assembly	1	26		*Freightliner Hanger, LH / RH	1/1
	59427-019L	Includes Key Nos. 6a,7a 4.25" Drop, 315 mm Ride Height 5.36" Drop, 280 mm Ride Height			68967-XXX	Axle Assembly, Includes Key Nos. 27-47 Contact Hendrickson Truck Parts for specific part number	1
	59427-027L	Includes Key Nos. 6b,7a 4.25" Drop, 355 mm Ride Height 5.36" Drop, 315 mm Ride Height		27		Axle & Kingpin Assembly	1
5		RH HCV & Linkage Assembly	1		68966-001M	4.25" Drop	
	59427-034L	Includes Key Nos. 6a,7b 4.25" Drop, 315 mm Ride Height, 5.36" Drop, 280 mm Ride Height			68966-002M	5.36" Drop	
	59427-036L	Includes Key Nos. 6b,7b 4.25" Drop, 355 mm Ride Height, 5.36" Drop, 315 mm Ride Height		28		LH Lower Steering Knuckle Assembly	1
6		Height Control Valve Linkage	2		58900-401	250 Ackermann	
a	59428-001	335 mm Length			58900-403	200 Ackermann	
b	59428-002	370 mm Length			58900-405	150 Ackermann	
7		Height Control Valve		29		RH Lower Steering Knuckle Assembly	1
a	59935-013L	LH	1		58900-402	250 Ackermann	
b	59935-024	RH	1		58900-404	200 Ackermann	
8		LH HCV Support Bracket	1		58900-406	150 Ackermann	
	68675-002	Set Back		30		LH Upper Steering Knuckle Assembly, <i>See Table 1 on Page 15</i>	1
	68675-003	Set Forward		31	60904-432	RH Upper Steering Knuckle Assembly	1
9		Link Mount				Kingpin Bushing and Bearing Service Kits	
a	59429-001	LH	1		60961-628	Axle Set , Includes Kit Nos. 60961-629 & -630	
b	59429-002	RH	1		60961-629	LH w/Composite Thrust Bearing , Includes Key Nos. 32-37, 39, Loctite	
10		*¾"-16 UNC x 1¼" Hex Bolt	2		60961-630	RH w/Roller Thrust Bearing , Includes Key Nos. 32-36, 38-39, Loctite	
11		*¾" Flat Washer	2	32	33117-000	Grease Zerk	2
12	58913-012L	Shock Absorber	2	33	68687-003	Grease Cap Assembly, Upper	2
13		*¾"-10 UNC x 4" Upper Shock Bolt	2	34	68687-002	Grease Cap Assembly, Lower	2
14		*Lower Shock Bolt	2	35	78320-001	Kingpin Bushing, <i>Replaces 58909-001</i>	4
15		*¾" Hardened Washer	6			Thrust Bearing Service Kits	
16		*¾"-10 UNC Hex Locknut	4		60961-631	Axle Set , Includes Kit Nos. 60961-632 & -633	
17	22962-046	Shock Spacer	2		60961-632	LH Composite Thrust Bearing , Includes Key Nos. 36-37, 39 & Loctite	
18	59423-001	Shock Bracket	2		60961-633	RH Roller Thrust Bearing , Includes Key Nos. 36, 38-39 & Loctite	
		Leaf Spring and Shackle Bracket Assembly		36	68731-000	Kingpin Seal	4
		Conversion Kit for vehicles built BETWEEN 5/10		37	77907-000	LH Composite Thrust Bearing, <i>Replaces 59828-000</i>	1
		and 5/2/16, see page 13 for Kit Contents		38	64256-000	RH Roller Thrust Bearing	1
	60961-827	LH, Includes Key Nos. 19a-20a		39	60236-001	⅝" Socket Head Cap Screw	4
	60961-828	RH, Includes Key Nos. 19b-20b		Not Shown	60937-000	Loctite® (Red) Compound Tube	1
	60961-844	LH, Includes Key Nos. 19c-20a		40		Tie Rod Assembly, Includes Key Nos. 41-43 <i>See Selection Guide on Page 16</i>	1
	60961-845	RH, Includes Key Nos. 19d-20b		41		**⅞" Castle Nut	2
	60961-846	LH, Includes Key Nos. 19e-20a				Tie Rod End Service Kits, See Selection Guide	
	60961-847	RH, Includes Key Nos. 19f-20b				<i>on Page 16</i>	
19		Leaf Spring Assembly for vehicles built	2			Tie Rod End, <i>See Selection Guide on Page 16</i>	
		AFTER 5/2/16, contact Hendrickson Tech Services		42		LH	1
		• w/Front Eye Through Bolt Bushing		43		RH	1
a		LH, Set Back, <i>Replaces 59930-061</i>		44	22962-007	7/8" Flat Washer	2
b		RH, Set Back, <i>Replaces 59930-062</i>		45	17800-004	Tie Rod Nut Cotter Pin	2
		• w/Front Eye Bar Pin Bushing			60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 46-47	
c		LH, Set Back, <i>Replaces 59930-057</i>		46	60238-001	½"-13 UNC Square Head Bolt	2
d		RH, Set Back, <i>Replaces 59930-058</i>		47	60240-000	½"-13 UNC Hex Jam Nut	2
e		LH, Set Forward, <i>Replaces 59930-059</i>		48		*¾"-16 UNF Hex Bolt	8
f		RH, Set Forward, <i>Replaces 59930-060</i>		49		*¾" Flat Washer	8
20		Shackle Bracket Assembly for vehicles built	2	50		*¾"-16 UNF Nylon Locknut	8
		AFTER 5/2/16, contact Hendrickson Tech Services,		51	59826-000	Top Pad	2
		Includes Key Nos. 21-25		52		Dowel Pin, ½" Diameter, <i>See Table 1 on</i> <i>Page 15</i>	2
a		LH		53		Front Axle Spacer, <i>See Table 1 on Page 15</i>	2
b		RH					
21		**Shackle Bracket w/Bushing, <i>Replaces 68127-001</i>	2				
22		**Shackle Plate, <i>Replaces 67754-004</i>	2				

Vehicles built AFTER November 2011 • Model 4900 SA • 5700

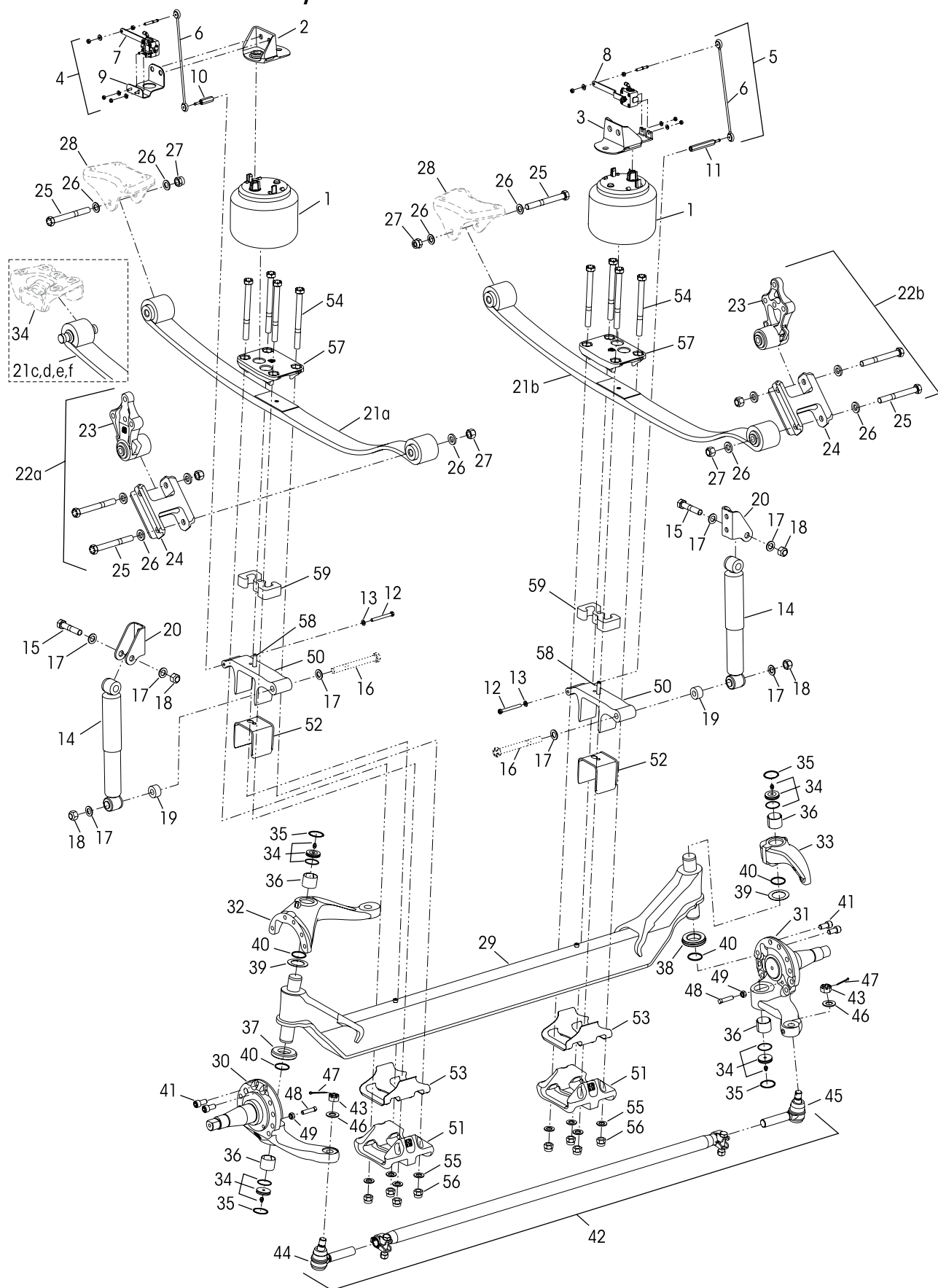




AIRTEK® for Western Star – Vehicles built with STEERTEK NXT after 11/2011

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	69116-002L	Air Spring	2	28		Axle & Kingpin Assembly	1
2	60850-001	LH Air Spring Bracket	1		68966-001M	12K	
3	60850-002	RH Air Spring Bracket	1		68966-005M	13.3K	
4		LH HCV & Linkage Assembly	1	29		LH Lower Steering Knuckle Assembly	1
		Includes Key Nos. 6-7			58900-401	250 Ackermann	
		• Set Back			58900-403	200 Ackermann	
	59427-019L	315 mm Ride Height			58900-405	150 Ackermann	
	59427-027L	355 mm Ride Height		30		RH Lower Steering Knuckle Assembly	1
	59427-033	385 mm Ride Height			58900-402	250 Ackermann	
		• Set Forward			58900-404	200 Ackermann	
	59427-031	315 mm Ride Height			58900-406	150 Ackermann	
	59427-032	355 mm Ride Height		31		LH Upper Steering Knuckle Assembly,	1
	59427-035L	385 mm Ride Height				See Table 1 on Page 15	
5		RH HCV & Linkage Assembly	1	32	60904-432	RH Upper Steering Knuckle Assembly	1
		Includes Key Nos. 6, 8				Kingpin Bushing and Bearing Service Kits	
	59427-034L	315 mm Ride Height			60961-628	Axle Set , Includes Kit Nos. 60961-629 & -630	
	59427-036L	355 mm Ride Height			60961-629	LH w/Composite Thrust Bearing , Includes	
	59427-038L	385 mm Ride Height				Key Nos. 33-38, 40 & Loctite	
6		Height Control Valve Linkage	2		60961-630	RH w/Roller Thrust Bearing , Includes Key	
	59428-001	315 mm Ride Height				Nos. 33-37, 39-40 & Loctite	
	59428-002	355 mm Ride Height		33	33117-000	Grease Zerk	2
	59428-009	385 mm Ride Height		34	68687-003	Grease Cap Assembly, Upper	2
7		LH Height Control Valve	1	35	68687-002	Grease Cap Assembly, Lower	2
	59935-013L	Set Back		36	78320-001	Kingpin Bushing, <i>Replaces 58909-001</i>	4
	59935-023	Set Forward				Thrust Bearing Service Kits	
8	59935-024	RH Height Control Valve	1		60961-631	Axle Set , Includes Kit Nos. 60961-632 & -633	
9		LH HCV Support Bracket	1		60961-632	LH Composite Thrust Bearing , Includes	
	68675-002	Set Back				Key Nos. 37-38, 40 & Loctite	
	68675-003	Set Forward			60961-633	RH Roller Thrust Bearing , Includes Key	
10		LH Link Mount	1			Nos. 37, 39-40 & Loctite	
	59429-001	Set Back		37	68731-000	Kingpin Seal	4
	59429-002	Set Forward		38	77907-000	LH Composite Thrust Bearing,	1
11	59429-002	RH Link Mount	1			<i>Replaces 59828-000</i>	
12		* $\frac{3}{8}$ "-16 UNC x 1 $\frac{1}{4}$ " Hex Bolt	2	39	64256-000	RH Roller Thrust Bearing	1
13		* $\frac{3}{8}$ " Flat Washer	2	40	60236-001	$\frac{5}{8}$ " Socket Head Cap Screw	4
14	58913-012L	Shock Absorber	2	Not Shown	60937-000	Loctite® (Red) Compound Tube	1
15		* $\frac{3}{4}$ "-10 UNC x 4" Upper Shock Bolt	2	41		Tie Rod Assembly, Includes Key Nos. 42-44	1
16		*Lower Shock Bolt	2			See Selection Guide on Page 16	
17		* $\frac{3}{4}$ " Hardened Washer	6	42		** $\frac{7}{8}$ " Castle Nut	2
18		* $\frac{3}{4}$ "-10 UNC Hex Locknut	4			Tie Rod End Service Kits , See Selection Guide	
19	22962-046	Shock Spacer	2			on Page 16	
20	59423-001	Shock Bracket	2			Tie Rod End, See Selection Guide on Page 16	
21		Leaf Spring Assembly, Includes Bushings	2	43		Left Hand	1
	59930-055	12K, LH Set Back		44		Right Hand	1
	59930-056	12K, RH Set Back		45	22962-007	$\frac{7}{8}$ " Flat Washer	2
	59930-053	12K, LH Set Forward		46	17800-004	Tie Rod Nut Cotter Pin	2
	59930-054	12K, RH Set Forward			60961-069	Stop Bolt Service Kit, One Side ,	
	82430-000	13.3K, LH				Includes Key Nos. 47-48	
	82440-000	13.3K, RH		47	60238-001	$\frac{1}{2}$ "-13 UNC Square Head Bolt	2
22		Shackle Plate	4	48	60240-000	$\frac{1}{2}$ "-13 UNC Hex Jam Nut	2
a	68089-001	12K		49		* $\frac{3}{4}$ "-16 UNF Hex Bolt	8
b	75836-004	13.3K		50		* $\frac{3}{4}$ " Flat Washer	8
23		* $\frac{3}{4}$ "-10 UNC Shackle Bolt	4	51		* $\frac{3}{4}$ "-16 UNF Nylon Locknut	8
24		* $\frac{3}{4}$ " Washer	8	52	59826-000	Top Pad	2
25		* $\frac{3}{4}$ "-10 UNC Nut	4	53		Dowel Pin, $\frac{1}{2}$ " Diameter, See Table 1 on	2
26		*Western Star Front Hanger, LH / RH	1/1			Page 15	
27		*Western Star Rear Hanger	2	54		Front Axle Spacer, See Table 1 on Page 15	2
	68967-XXX	Axle Assembly, Includes Key Nos. 28-48	1				
		Contact Hendrickson Truck Parts					
		for specific part number					

Vehicles built BETWEEN May 2010 and November 2011



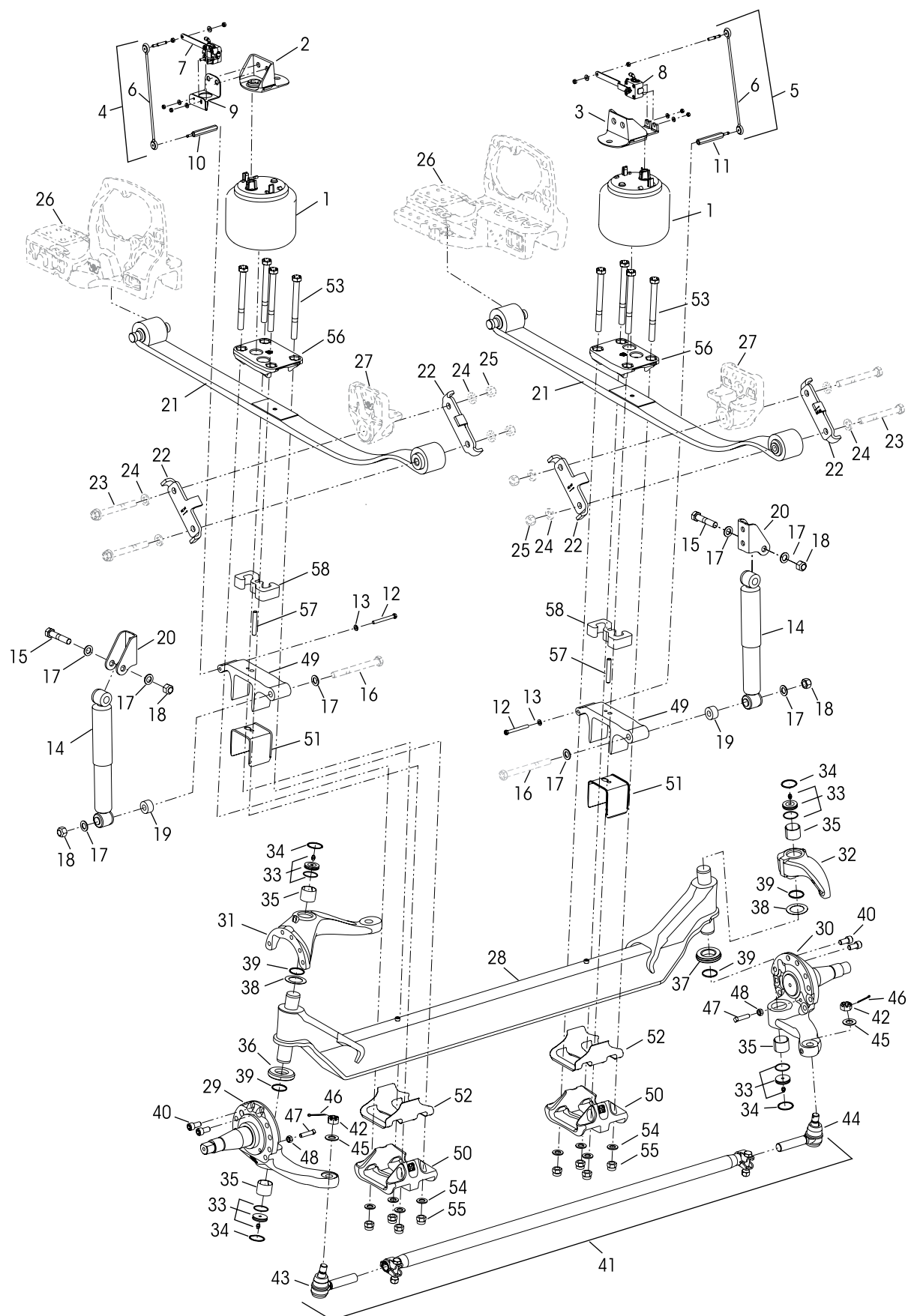


AIRTEK® for Freightliner – Vehicles built BETWEEN 05/2010 and 11/2011

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	69116-002L	Air Spring	2
2	60850-001	LH Air Spring Bracket	1
3	60850-002	RH Air Spring Bracket	1
		HCV & Linkage Assembly	1
4		LH, Includes Key Nos. 6-7	
	59427-019L	Set Back - Cascadia, Columbia, Century S/T	
	59427-031	Set Forward - Coronado	
5	59427-005L	RH, Includes Key Nos. 6, 8	
6	59428-001	Height Control Valve Linkage	2
		Height Control Valve	1
7	59935-013L	LH Set Back	
	59935-023	LH Set Forward	
8	59935-002L	RH	1
9		LH HCV Support Bracket	1
	68675-002	Set Back	
	68675-003	Set Forward	
		Link Mount	1
10	59429-001	LH Set Back	
	59429-002	LH Set Forward	
11	59429-002	RH	1
12	58035-006	3/8"-16 UNC x 3 1/2" Hex Bolt	2
13	22962-015	3/8" Flat Washer	2
14	58913-012L	Shock Absorber	2
15	50764-004	3/4"-10 UNC x 3 3/4" Upper Shock Bolt	2
16		*Lower Shock Bolt	2
17	22962-001	3/4" Hardened Washer	8
18	49842-000	3/4"-10 UNC Hex Locknut	4
19	59946-001	Shock Spacer	2
20	59423-001	Shock Bracket	2
		Leaf Spring and Shackle Bracket Assembly Conversion Kit for vehicles built BETWEEN 5/10 and 5/2/16 , see page 13 for Kit Contents	
	60961-827	LH, Includes Key Nos. 21a-22a	
	60961-828	RH, Includes Key Nos. 21b-22b	
	60961-844	LH, Includes Key Nos. 21c-22a	
	60961-845	RH, Includes Key Nos. 21d-22b	
	60961-846	LH, Includes Key Nos. 21e-22a	
	60961-847	RH, Includes Key Nos. 21f-22b	
21		Leaf Spring Assembly, contact Hendrickson Tech Services for Part Number	2
		• w/Front Eye Through Bolt Bushing	
a		LH, Set Back, <i>Replaces 59930-061</i>	
b		RH, Set Back, <i>Replaces 59930-062</i>	
		• w/Front Eye Bar Pin Bushing	
c		LH, Set Back, <i>Replaces 59930-057</i>	
d		RH, Set Back, <i>Replaces 59930-058</i>	
e		LH, Set Forward, <i>Replaces 59930-059</i>	
f		RH, Set Forward, <i>Replaces 59930-060</i>	
22		Shackle Bracket Assembly, contact Hendrickson Tech Services for Part Number, Includes Key Nos. 23-27	2
a		LH	
b		RH	
23		**Shackle Bracket w/Bushing, <i>Replaces 68127-001</i>	2
24		**Shackle Plate, <i>Replaces 67754-004</i>	2
25		**3/4"-16 UNF x 6 1/2" Bolt	6
26		**3/4" Washer (thick washer)	12
27		**3/4"-16 UNF Nylon Locknut	6
28		*Freightliner Hanger, LH / RH	1/1
	70952-XXX	Axle Assembly, Includes Key Nos. 29-53 Contact Hendrickson Truck Parts for specific part number	1
29		Axle & Kingpin Assembly	1
	64905-001	4.25" Drop	
	64905-003	5.36" Drop	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
30		LH Lower Steering Knuckle Assembly	1
	58900-001	250 Ackermann	
	58900-003	200 Ackermann	
	58900-005	150 Ackermann	
31		RH Lower Steering Knuckle Assembly	1
	58900-002	250 Ackermann	
	58900-004	200 Ackermann	
	58900-006	150 Ackermann	
32		LH Upper Steering Knuckle Assembly, <i>See Table 2 on Page 15</i>	1
33	60904-032	RH Upper Steering Knuckle Assembly	1
		Kingpin Bushing and Bearing Service Kits	
	60961-040	Axle Set , Includes Kit Nos. 60961-009 & -039	
	60961-009	LH w/Composite Thrust Bearing , Includes Key Nos. 34-37, 39-41, Loctite	
	60961-039	RH w/Roller Thrust Bearing , Includes Key Nos. 34-36, 38-41 & Loctite	
34	59156-000	Grease Cap Assembly	4
35	58937-000	Retaining Ring	4
36	78320-000	Kingpin Bushing, <i>Replaces 58909-000</i>	4
		Thrust Bearing Service Kits	
	60961-043	Axle Set , Includes Kit Nos. 60961-041 & -042	
	60961-041	LH Composite Thrust Bearing , Includes Key Nos. 37, 39-41 & Loctite	
	60961-042	RH Roller Thrust Bearing , Includes Key Nos. 38-41 & Loctite	
37	77907-000	LH Composite Thrust Bearing, <i>Replaces 59828-000</i>	1
38	64256-000	RH Roller Thrust Bearing	1
39		Kingpin Shim (As needed for service)	
	60259-002	0.047" Thickness	
	60259-001	0.005" Thickness	
40	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
41	60236-001	5/8" Socket Head Cap Screw	4
Not Shown	60937-000	Loctite® (Red) Compound Tube	1
42		Tie Rod Assembly, Includes Key Nos. 43-45 <i>See Selection Guide on Page 16</i>	1
43		**7/8" Castle Nut	2
		Tie Rod End Service Kits, See Selection Guide on Page 16	
		Tie Rod End, <i>See Selection Guide on Page 16</i>	
44		LH	1
45		RH	1
46	22962-007	7/8" Flat Washer	2
47	17800-004	Tie Rod Nut Cotter Pin	2
	60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 48-49	
48	60238-001	1/2"-13 UNC Square Head Bolt	2
49	60240-000	1/2"-13 UNC Hex Jam Nut	2
50		Top Wrap, <i>See Table 2 on page 15</i>	2
51	64722-001	Bottom Wrap	2
		Clamp Group Service Kit, One Side , Includes Key Nos. 52-56	
	60961-013	280 mm/315 mm Ride Height	
	60961-014	355 mm Ride Height	
52	59449-000	Top Axle Wrap Liner	2
53	59845-000	Bottom Axle Wrap Liner	2
54		3/4"-10 UNC Hex Bolt	8
	58917-016	8 1/2" Length, 280 mm/315 mm Ride Height	
	58917-017	10" Length, 355 mm Ride Height	
55	22962-001	3/4" Hardened Washer	8
56	17700-033	3/4"-10 UNC-2B Nylon Locknut	8
57	59826-000	Top Pad	2
58		Dowel Pin, 1/2" Diameter, <i>See Table 2 on Page 15</i>	2
59		Front Axle Spacer, <i>See Table 2 on Page 15</i>	2

Vehicles built BETWEEN June 2010 and November 2011



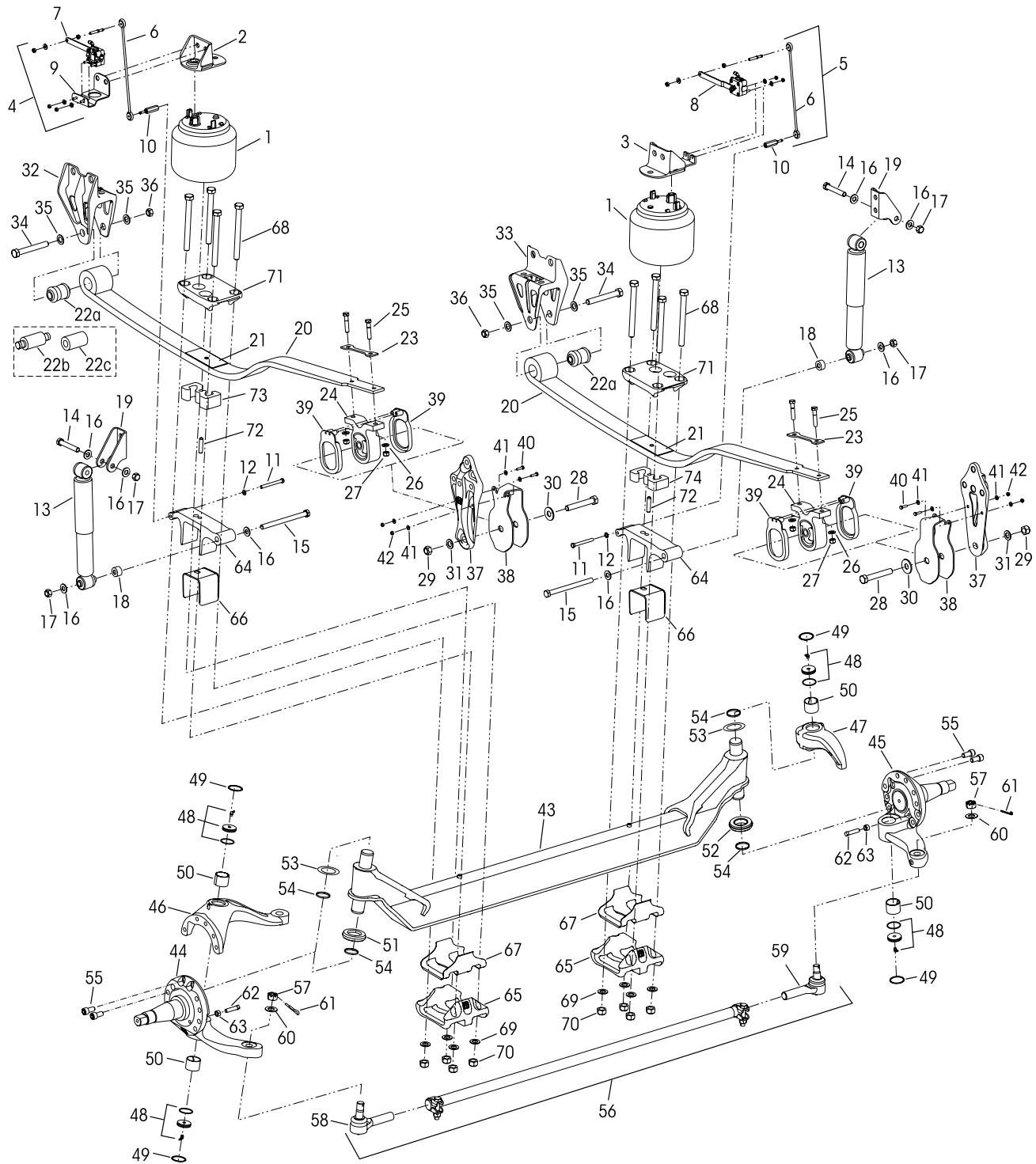


AIRTEK® for Western Star – Vehicles built BETWEEN 06/2010 and 11/2011

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	69116-002L	Air Spring	2
2	60850-001	LH Air Spring Bracket	1
3	60850-002	RH Air Spring Bracket	1
4		LH HCV & Linkage Assembly Includes Key Nos. 6-7	1
	59427-019L	• Set Back 7.31", 8.81" Ride Height	
	59427-027L	10.06" Ride Height	
	59427-031	• Set Forward 7.31", 8.81" Ride Height	
	59427-032	10.06" Ride Height	
5		RH HCV & Linkage Assembly Includes Key Nos. 6, 8	1
	59427-005L	7.31", 8.81" Ride Height	
	59427-009L	10.06" Ride Height	
6		Height Control Valve Linkage	2
	59428-001	7.31", 8.81" Ride Height	
	59428-002	10.06" Ride Height	
		Height Control Valve	1
7	59935-013L	LH Set Back	
	59935-023	LH Set Forward	
8	59935-002L	RH	1
9		LH HCV Support Bracket	1
	68675-002	Set Back	
	68675-003	Set Forward	
		Link Mount	1
10	59429-001	LH Set Back	
	59429-002	LH Set Forward	
11	59429-002	RH	1
12	58035-006	3/8"-16 UNC x 3 1/2" Hex Bolt	2
13	22962-015	3/8" Flat Washer	2
14	58913-012L	Shock Absorber	2
15	50764-004	3/4"-10 UNC x 3 3/4" Upper Shock Bolt	2
16		*Lower Shock Bolt	2
17	22962-001	3/4" Hardened Washer	8
18	49842-000	3/4"-10 UNC Hex Locknut	4
19	59946-001	Shock Spacer	2
20	59423-001	Shock Bracket	2
21		Leaf Spring Assembly, Includes Bushings	2
	59930-055	LH Set Back	
	59930-056	RH Set Back	
	59930-053	LH Set Forward	
	59930-054	RH Set Forward	
22	68089-001	Shackle Plate	4
23		*3/4"-10 UNC Shackle Bolt	4
24		*3/4" Washer	8
25		*3/4"-10 UNC Nut	4
26		*Western Star Front Hanger, LH / RH	1/1
27		*Western Star Rear Hanger	2
	70952-XXX	Axle Assembly, Includes Key Nos. 28-52 Contact Hendrickson Truck Parts for specific part number	1
28	64905-001	Axle & Kingpin Assembly, 12K, 70.9 KPI, 4.25 Drop	1
29		LH Lower Steering Knuckle Assembly	1
	58900-001	250 Ackermann	
	58900-003	200 Ackermann	
	58900-005	150 Ackermann	
30		RH Lower Steering Knuckle Assembly	1
	58900-002	250 Ackermann	
	58900-004	200 Ackermann	
	58900-006	150 Ackermann	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
31		LH Upper Steering Knuckle Assembly, <i>See Table 2 on Page 15</i>	1
32	60904-032	RH Upper Steering Knuckle Assembly	1
	60961-040	Kingpin Bushing and Bearing Service Kits	
	60961-009	Axle Set , Includes Kit Nos. 60961-009 & -039	
	60961-039	LH w/Composite Thrust Bearing , Includes Key Nos. 33-36, 38-40, Loctite	
		RH w/Roller Thrust Bearing , Includes Key Nos. 33-35, 37-40 & Loctite	
33	59156-000	Grease Cap Assembly	4
34	58937-000	Retaining Ring	4
35	78320-000	Kingpin Bushing, <i>Replaces 58909-000</i>	4
	60961-043	Thrust Bearing Service Kits	
	60961-041	Axle Set , Includes Kit Nos. 60961-041 & -042	
	60961-042	LH Composite Thrust Bearing , Includes Key Nos. 36, 38-40 & Loctite	
		RH Roller Thrust Bearing , Includes Key Nos. 37-40 & Loctite	
36	77907-000	LH Composite Thrust Bearing, <i>Replaces 59828-000</i>	1
37	64256-000	RH Roller Thrust Bearing	1
38		Kingpin Shim (As needed for service)	
	60259-002	0.047" Thickness	
	60259-001	0.005" Thickness	
39	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
40	60236-001	5/8" Socket Head Cap Screw	4
Not Shown	60937-000	Loctite® (Red) Compound Tube	1
41		Tie Rod Assembly, Includes Key Nos. 42-44 <i>See Selection Guide on Page 16</i>	1
42		**7/8" Castle Nut	2
		Tie Rod End Service Kits , <i>See Selection Guide on Page 16</i>	
		Tie Rod End, <i>See Selection Guide on Page 16</i>	
43		LH	1
44		RH	1
45	22962-007	7/8" Flat Washer	2
46	17800-004	Tie Rod Nut Cotter Pin	2
	60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 47-48	
47	60238-001	1/2"-13 UNC Square Head Bolt	2
48	60240-000	1/2"-13 UNC Hex Jam Nut	2
49		Top Wrap, <i>See Table 2 on Page 15</i>	2
50	64722-001	Bottom Wrap	2
		Clamp Group Service Kit, One Side , Includes Key Nos. 51-55	
	60961-013	7.31" Ride Height	
	60961-014	8.81" Ride Height	
	60961-019	10.06" Ride Height	
51	59449-000	Top Axle Wrap Liner	2
52	59845-000	Bottom Axle Wrap Liner	2
53		3/4"-10 UNC Hex Bolt	8
	58917-016	8 1/2" Length, 7.31" Ride Height	
	58917-017	10" Length, 8.81" Ride Height	
	58917-018	11 1/2" Length, 10.06" Ride Height	
54	22962-001	3/4" Flat Washer	8
55	17700-033	3/4"-10 UNC-2B Nylon Locknut	8
56	59826-000	Top Pad	2
57		Dowel Pin, 1/2" Diameter, <i>See Table 2 on Page 15</i>	2
58		Front Axle Spacer, <i>See Table 2 on Page 15</i>	2

Freightliner – Vehicles built PRIOR to May 2010 • **Western Star** – Vehicles built PRIOR to June 2010 • **Sterling** – Vehicles built PRIOR to April 2009





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	69782-002	Air Spring, <i>Replaces 59823-002L</i>	2
2	60850-001	LH Air Spring Bracket	1
3	60850-002	RH Air Spring Bracket	1
4	59427-019L	LH HCV & Linkage Assembly • Vehicles equipped with dual HCVs, Includes Key Nos. 6a, 7 • <i>See Page 13 for vehicles equipped with a single HCV</i>	1
5		RH HCV & Linkage Assembly	1
	59427-005L	<i>Replaces 59427-007L</i> , Includes Key Nos. 6a, 8 Century Class S/T, Columbia 1350, Coronado, LC Sterling (Set Back), Western Star (Set Back/ Set Forward) 7.31"/8" Ride Ht.	
	59427-009L	<i>Replaces 59427-002</i> , Includes Key Nos. 6b, 8 Western Star (Set Back & Set Forward) 8.81"/10.06" Ride Ht.	
6		Height Control Valve Linkage	2
a	59428-001	335 mm Length	
b	59428-002	370 mm Length	
7	59935-013L	LH Height Control Valve	1
8	59935-002L	RH Height Control Valve	1
9		LH HCV Support Bracket • For vehicles equipped with dual HCVs	1
	66256-000	280 mm/315 mm, 355 mm Ride Ht. Columbia, Century Class S/T, LC Sterling (Set Back) EPA 98/04, Coronado EPA 98/04/07	
	67637-000	315 mm, 355 mm Ride Ht. Columbia, Century Class S/T, LC Sterling (Set Back), Cascadia EPA 07	
	60961-008	Link Mount Service Kit, Axle Set, Includes Key Nos. 10-12	
10	59429-001	Link Mount, <i>Replaces 59310-001</i>	2
11	58035-006	3/8"-16 UNC x 3 1/2" Hex Bolt	2
12	22962-015	3/8" Flat Washer	2
13	58913-003L	Shock Absorber	2
14	50764-004	3/4"-10 UNC x 3 3/4" Upper Shock Bolt	2
15	58917-015	3/4"-10 UNC x 7 1/2" Lower Shock Bolt <i>Replaces 58917-009</i>	2
16	22962-001	3/4" Hardened Washer	8
17	49842-000	3/4"-10 UNC Hex Locknut	4
18	59946-001	Shock Spacer	2
19	59423-001	Shock Bracket	2
		Leaf Spring Assembly, Includes Key Nos. 20-27, 39	2
	59930-021	Century Class S/T, Columbia 1350, Western Star (Set Back), <i>Replaces 59930-001</i>	
	59930-023	LH Coronado, <i>Replaces 59930-003</i>	
	59930-024	RH Coronado, <i>Replaces 59930-004</i>	
	59930-025	LH LC Sterling (Set Back)	
	59930-026	RH LC Sterling (Set Back)	
	59930-027	LH Western Star (Set Forward)	
	59930-028	RH Western Star (Set Forward)	
	59930-029	LH Century, Cascadia	
	59930-030	RH Century, Cascadia	
20		**Leaf Spring, Included in Assembly above	2
21	59937-001	Galvanized Liner	2
22		Spring Eye Bushing	2
a	59259-002	Century Class S/T, Columbia, Western Star (Set Forward)	
b		**Coronado	
c		**LC Sterling (Set Back), Century, Cascadia	
	60961-616	Rear Spring Mount Service Kit, One Side, Includes Key Nos. 23-27	
23	58920-001	Spring End Plate, <i>Replaces 58920-000</i>	2
24	58918-000	Rear Spring Mount	2

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
25	30970-011	1/2"-20 UNF x 2 1/2" Hex Bolt <i>Replaces 24531-004</i>	4
26	22962-014	1/2" Flat Washer	4
27	17700-034	1/2"-20 UNF Hex Nylock Nut, <i>Replaces 49846-0004</i>	
	60961-003	Rear Spring Eye Hardware Service Kit, One Side, Includes Key Nos. 28-31, 39	
28	50764-008	3/4"-10 UNC x 5" Hex Bolt	2
29	49842-000	3/4"-10 UNC Hex Locknut	2
30	22962-033	3/4" Washer (Large O.D.)	2
31	22962-001	3/4" Flat Washer	2
		Front Hanger Service Kits,	
	60961-004	LH, Includes Key Nos. 32, 34-36 Century Class S/T, Columbia, LC Sterling (Set Back)	
	60961-005	Century Class S/T 1350, Columbia 1350 Western Star (Set Back)	
	60961-017	RH, Includes Key Nos. 33-36 Century Class S/T, Columbia	
	60961-006	Century Class S/T 1350, Columbia 1350	
	60961-007	Century Class S/T 1350, Columbia 1350	
	60961-018	Western Star (Set Back)	
32		LH Front Hanger	1
	59832-001	Century Class S/T, Columbia, Western Star	
	60573-001	Century Class S/T 1350, Columbia 1350 *LC Sterling (Set Back) *Western Star (Set Forward)	
33		RH Front Hanger	1
	59832-002	Century Class S/T, Columbia, Western Star (Set Back)	
	60573-002	Century Class S/T 1350, Columbia 1350	
34	50764-002	3/4"-10 UNC x 5 1/2" Hex Bolt	2
35	22962-001	3/4" Flat Washer	4
36	49842-000	3/4"-10 UNC Hex Locknut	2
37	59829-001	Rear Hanger, (Casting No. 59825-000) <i>Replaces 59829-000</i>	2
	60961-016	Rear Hanger Clamp Service Kit, One Side, Includes Key Nos. 30, 38-42	
38	59830-001	Rear Hanger Clamp, <i>Replaces 59830-000</i>	2
39	59346-001	Thrust Washer, <i>Replaces 59346-000</i>	4
40	56935-001	1/4"-20 UNC x 1 1/4" Hex Bolt	4
41	22962-028	1/4" Hardened Washer	8
42	49983-000	1/4"-20 UNC Locknut	4
	70952-XXX	Axle Assembly, Includes Key Nos. 43-67, Contact Hendrickson Truck Parts for specific part number	1
43		Axle & Kingpin Assembly, 12K	1
	64905-001	<i>Replaces 59924-001</i> - 4 1/4 Drop, 70.9 KPI Coronado, LC Sterling (Set Back) 315 mm/355 mm Ride Ht. Western Star (Set Back) 8.81"/10.06" Ride Ht.	
	64905-002	<i>Replaces 59924-002</i> - 4 1/4 Drop, 69 KPI Century Class S/T, Columbia, 315 mm/355 mm Ride Ht. Western Star (Set Forward) 8.81"/10.06" Ride Ht.	
	64905-004	<i>Replaces 59924-004</i> - 5.36" Drop, 69 KPI Century Class S/T, Columbia, 280 mm/315 mm Ride Ht. LC Sterling (Set Back) 280 mm Ride Ht. Western Star (Set Forward) 7.31" Ride Ht.	
44		LH Lower Steering Knuckle Assembly	1
	58900-001	250 Ackermann	
	58900-003	200 Ackermann	
	58900-005	150 Ackermann	
45		RH Lower Steering Knuckle Assembly	1
	58900-002	250 Ackermann	
	58900-004	200 Ackermann	
	58900-006	150 Ackermann	



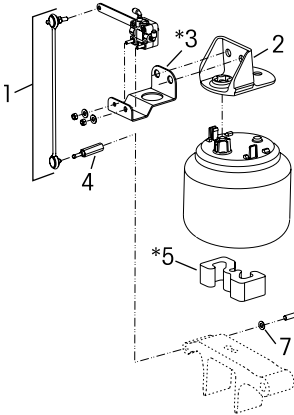
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
46	60903-031	***LH Upper Steering Knuckle Assembly <i>Replaces 60903-001, 5.36" Drop, 69 KPI, Century Class S/T, Columbia, 280 mm Ride Ht. Western Star (Set Forward), 7.31" Ride Ht. LC Sterling (Set Back), 280 mm Ride Ht.</i>	1
	60903-032	<i>Replaces 60903-002, 4.25"/ 5.36" Drop, 69 KPI Century Class S/T, Columbia, 315 mm Ride Ht. Western Star (Set Forward), 8.81" Ride Ht. LC Sterling (Set Back), 315 mm Ride Ht.</i>	1
	60903-033	***LH Upper Steering Knuckle Assembly <i>Replaces 60903-003, 4.25" Drop, 69 KPI Century Class S/T, Columbia, 355 mm Ride Ht. Western Star (Set Forward), 10.06" Ride Ht. LC Sterling (Set Back), 355 mm Ride Ht.</i>	1
	60903-035	<i>Replaces 60903-005, 4.25" Drop, 70.9 KPI Western Star (Set Back), 8.81" Ride Ht. LC Sterling (Set Back), 315 mm Ride Ht.</i>	
	60903-036	<i>Replaces 60903-006, 4.25" Drop, 70.9 KPI Western Star (Set Back), 10.06" Ride Ht. LC Sterling (Set Back), 355 mm Ride Ht.</i>	
	60903-038L	<i>Replaces 60903-008, 4.25"/ 5.36" Drop, 70.9 KPI Coronado, 315 mm Ride Ht.</i>	
	60903-039	<i>Replaces 60903-009, 4.25" Drop, 70.9 KPI Coronado, 355 mm Ride Ht.</i>	
47	60904-032	***RH Upper Steering Knuckle Assembly <i>Replaces 60903-002</i>	1
	60961-040	Kingpin Bushing and Bearing Service Kits Axle Set , Includes Kit Nos. 60961-009 & -039	
	60961-009	LH w/Composite Thrust Bearing , Includes Key Nos. 48-51, 53-55, Loctite	
	60961-039	RH w/Roller Thrust Bearing , Includes Key Nos. 48-50, 52-55 & Loctite	
48	59156-000	Grease Cap Assembly	4
49	58937-000	Retaining Ring	4
50	78320-000	Kingpin Bushing, <i>Replaces 58909-000</i>	4
	60961-043	Thrust Bearing Service Kits Axle Set , Includes Kit Nos. 60961-041 & -042	
	60961-041	LH Composite Thrust Bearing , Includes Key Nos. 51, 53-55 & Loctite	
	60961-042	RH Roller Thrust Bearing , Includes Key Nos. 52-55 & Loctite	
51	77907-000	LH Composite Thrust Bearing, <i>Replaces 59828-000</i>	1
52	64256-000	RH Roller Thrust Bearing	1
53		Kingpin Shim (As needed for service)	
	60259-002	0.047" Thickness	
	60259-001	0.005" Thickness	
54	58910-001	Kingpin Seal, <i>Replaces 58910-000</i>	4
55	60236-001	5/8" Socket Head Cap Screw	4
Not Shown	60937-000	Loctite® (Red) Compound Tube	1
56		Tie Rod Assembly, Includes Key Nos. 57-59 <i>See Selection Guide on Page 16</i>	1
57		**7/8" Castle Nut	2
		Tie Rod End Service Kits , <i>See Selection Guide on Page 16</i>	
58		LH Tie Rod End, <i>See Selection Guide on Page 16</i>	1
59		RH Tie Rod End, <i>See Selection Guide on Page 16</i>	1
60	22962-007	7/8" Flat Washer	2
61	17800-004	Tie Rod Nut Cotter Pin	2
	60961-069	Stop Bolt Service Kit, One Side , Includes Key Nos. 62-63	
62	60238-001	1/2"-13 UNC Square Head Bolt	2
63	60240-000	1/2"-13 UNC Hex Jam Nut	2
64		Top Wrap	2
	59952-001	Century Class S/T, Columbia, LC Sterling (Set Back) 4.25" Drop, 315 mm Ride Ht. 5.36" Drop, 280 mm Ride Ht. Coronado, 5.36" Drop, 280 mm/315 mm Ride Ht.	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
	59952-002	Century Class S/T, Columbia, Coronado 4.25" Drop, 355 mm Ride Ht. 5.36" Drop, 315 mm Ride Ht. LC Sterling (Set Back) 4.25" Drop, 355 mm Ride Ht.	
	59952-007	Western Star (Set Back), 4.25" Drop, 8.81", 10.06" Ride Ht. Western Star (Set Forward), 4.25" Drop, 10.06" Ride Ht.	
	59952-016	Western Star (Set Forward), 4.25" Drop, 8.81" Ride Ht. 5.36" Drop, 7.31" Ride Ht.	
65	64722-001	Bottom Wrap, <i>Replaces 59440-001</i>	2
		Clamp Group Service Kit, One Side , Includes Key Nos. 66-70	
	60961-013	Century Class S/T, Columbia 280 mm/315 mm Ride Ht.	
	60961-014	Century Class S/T, Columbia 355 mm Ride Ht., Western Star 8.81" Ride Ht.	
	60961-019	Western Star 10.06" Ride Ht.	
66	59449-000	Top Axle Wrap Liner	2
67	59845-000	Bottom Axle Wrap Liner	2
68		3/4"-10 UNC Hex Bolt	8
	58917-016	8 1/2" Length - Century Class S/T, Columbia	
	58917-017	10" Length - Western Star 8.81" Ride Ht.	
	58917-018	11 1/2" Length - Western Star 10.06" Ride Ht.	
69	22962-001	3/4" Flat Washer	8
70	17700-033	3/4"-10 UNC-2B Nylock Nut	8
71	59826-000	Top Pad	2
72		Dowel Pin, 1/2" Diameter	2
	57159-004	Century Class S/T, Columbia, Coronado, LC Sterling (Set Back), 280 mm/315 mm Ride Ht.	
	57159-005	Century Class S/T, Columbia, Coronado, LC Sterling (Set Back), 5.36" Drop, 355 mm and 315 mm Ride Ht. Western Star (Set Back & Set Forward), 8.81" Ride Ht., 4.25" Drop,	
	57159-006	Western Star (Set Back & Set Forward) 10.06" Ride Ht., 4.25" Drop	
	57159-012	Western Star (Set Forward) 7.31" Ride Ht., 5.36" Drop	
73		LH Front Axle Spacer	1
	60244-010	280 mm/315 mm Ride Ht. - 10 mm	
	60244-030	280 mm/315 mm Ride Ht. - 30 mm	
	60244-035	• For vehicles equipped with dual HCVs, Century Class S/T, Columbia, LC Sterling (Set Back) EPA 98/04, Coronado, Classic XL (Set Forward) EPA 98/04/07 - 35 mm	
	60244-045	Century Class S/T, Columbia, LC Sterling (Set Back), 355 mm Ride Ht., 4.25" Drop - 45 mm 315 mm Ride Ht., 5.36" Drop - 45 mm Western Star (Set Back & Set Forward) 8.81" Ride Ht., 4.25" Drop - 45 mm	
	60244-080	Western Star (Set Back & Set Forward) 10.06" Ride Ht., 4.25" Drop - 80 mm	
74		RH Front Axle Spacer	1
	60244-020	Western Star (Set Forward) 7.31" Ride Ht., 5.36" Drop - 20 mm	
	60244-035	Century Class S/T, Columbia, LC Sterling (Set Back) 355 mm Ride Ht., 4.25" Drop - 35 mm 315 mm Ride Ht., 5.36" Drop - 35 mm Western Star (Set Back & Set Forward) 8.81" Ride Ht., 4.25" Drop - 35 mm	
	60244-070	Western Star (Set Back & Set Forward) 10.06" Ride Ht., 4.25" Drop - 70 mm	



Single to Dual Height Control Valve Conversion Kits

Freightliner Vehicles built PRIOR to May 2010 • Sterling Vehicles built PRIOR to April 2009

Kit No.	Vehicle	EPA	Ride Height																										
58525-029	<ul style="list-style-type: none">• Columbia• Century Class S/T• LC Sterling (Set back)	98/04	280 mm/ 315 mm		<div>SERVICE KIT CONTENTS</div> <table><thead><tr><th>NO.</th><th>DESCRIPTION</th><th>QTY.</th></tr></thead><tbody><tr><td>1</td><td>LH HCV, & Linkage Assembly, Includes Fasteners</td><td>1</td></tr><tr><td>2</td><td>Upper Air Spring Bracket</td><td>1</td></tr><tr><td>3</td><td>*LH HCV Support Bracket</td><td>1</td></tr><tr><td>4</td><td>Link Mount</td><td>1</td></tr><tr><td>5</td><td>*LH Front Axle Spacer</td><td>1</td></tr><tr><td>6</td><td>⅜"-16 UNC x 3½" Bolt</td><td>1</td></tr><tr><td>7</td><td>⅜" Hardened Washer</td><td>1</td></tr></tbody></table> <p>* May not be included in all kits</p>	NO.	DESCRIPTION	QTY.	1	LH HCV, & Linkage Assembly, Includes Fasteners	1	2	Upper Air Spring Bracket	1	3	*LH HCV Support Bracket	1	4	Link Mount	1	5	*LH Front Axle Spacer	1	6	⅜"-16 UNC x 3½" Bolt	1	7	⅜" Hardened Washer	1
	NO.	DESCRIPTION	QTY.																										
1	LH HCV, & Linkage Assembly, Includes Fasteners	1																											
2	Upper Air Spring Bracket	1																											
3	*LH HCV Support Bracket	1																											
4	Link Mount	1																											
5	*LH Front Axle Spacer	1																											
6	⅜"-16 UNC x 3½" Bolt	1																											
7	⅜" Hardened Washer	1																											
	<ul style="list-style-type: none">• Coronado	98/04/07																											
58525-031	<ul style="list-style-type: none">• Columbia• Century Class S/T• LC Sterling (Set back)	98/04	355 mm																										
	<ul style="list-style-type: none">• Coronado	98/04/07																											
58525-033	<ul style="list-style-type: none">• Classic XL (Set Forward)	98/04/07	355 mm																										
58525-034	<ul style="list-style-type: none">• Columbia• Century Class S/T• LC Sterling (Set back)• Cascadia	07	355 mm																										
58525-036	<ul style="list-style-type: none">• Classic XL (Set Forward)	98/04/07	315 mm																										
58525-037	<ul style="list-style-type: none">• Columbia• Century Class S/T• LC Sterling (Set back)• Cascadia	07	315 mm																										

NOTE: The recommendation of the vehicle manufacturer is that dual height control valves are only to be installed on the front suspension when the rear suspension is equipped with a single height control valve system. This arrangement is best suited to keep the vehicle level versus having dual height control systems on both the front and rear suspensions.

Leaf Spring and Shackle Bracket Assembly Conversion Kits

Vehicles built PRIOR to May 2, 2016

Service Kit Nos.

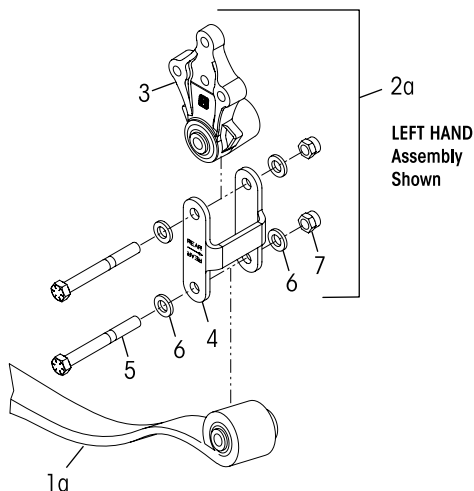
60961-827 • 60961-828

60961-844 • 60961-845

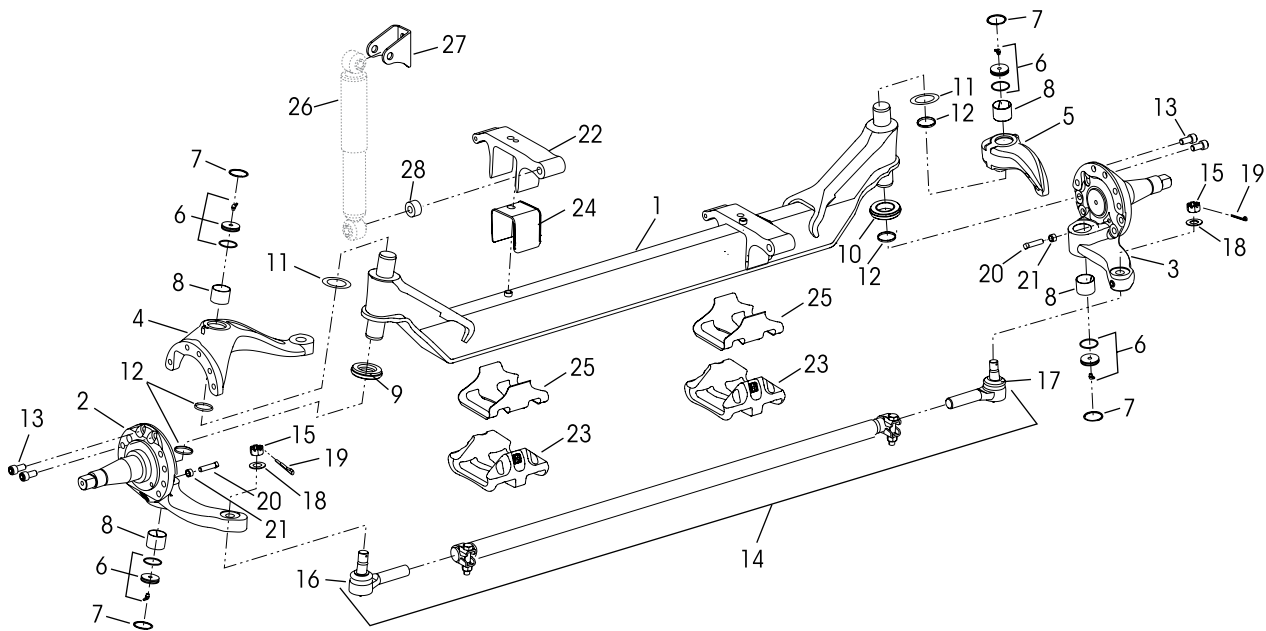
60961-846 • 60961-847

Reference Lit. No. 59310-065

Leaf Spring and Shackle Bracket Assembly Conversion Kits



KEY NO.	PART NO.	DESCRIPTION	QTY.
		Leaf Spring and Shackle Bracket Assembly Conversion Kit for vehicles built prior to 5/2/16	
	60961-827	LH, Includes Key Nos. 1a-2a	
	60961-828	RH, Includes Key Nos. 1b-2b	
	60961-844	LH, Includes Key Nos. 1c-2a	
	60961-845	RH, Includes Key Nos. 1d-2b	
	60961-846	LH, Includes Key Nos. 1e-2a	
	60961-847	RH, Includes Key Nos. 1f-2b	
1		Leaf Spring Assembly equipped with:	2
	a	• Front Eye Through Bolt Bushing	
	b	LH, Set Back, <i>Replaces 59930-061</i>	
		RH, Set Back, <i>Replaces 59930-062</i>	
	c	• Front Eye Bar Pin Bushing	
	d	LH, Set Back, <i>Replaces 59930-057</i>	
	e	RH, Set Back, <i>Replaces 59930-058</i>	
	f	LH, Set Forward, <i>Replaces 59930-059</i>	
		RH, Set Forward, <i>Replaces 59930-060</i>	
2		**Shackle Bracket Assembly, Includes Key Nos. 3-7, <i>Replaces 68274-001</i>	2
	a	LH	
	b	RH	
3		Shackle Bracket w/Bushing Assembly, <i>Replaces 68127-001</i>	2
4		**Shackle Plate, <i>Replaces 67754-004</i>	2
5		**3/4"-16 UNF x 6 1/2" Bolt, <i>Replaces 50764-018</i>	2
6		**3/4" Washer (0.217" thick), <i>Replaces 22962-040</i>	4
7		**3/4"-16 UNF Nylock Nut, <i>Replaces 68596-000</i>	2



KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
	70952-XXX	Axle Assembly, Includes Key Nos. 1-25 Contact Hendrickson Tech Services for proper Axle Assembly part number.	1
1		Axle & Kingpin Assembly	1
	64905-001	Replaces 59924-001, Coronado, 4¼ Drop, 70.9 KPI, 315 mm/355 mm Ride Ht.	
	64905-002	Replaces 59924-002, CST/Columbia, 4¼ Drop, 69 KPI, 315 mm/355 mm Ride Ht.	
	64905-004	Replaces 59924-004, CST/Columbia, 5.36\" Drop, 69 KPI, 280 mm/315 mm Ride Ht.	
2		LH Lower Steering Knuckle Assembly	1
	58900-001	250 Ackermann	
	58900-003	200 Ackermann	
	58900-005	150 Ackermann	
3		RH Lower Steering Knuckle Assembly	1
	58900-002	250 Ackermann	
	58900-004	200 Ackermann	
	58900-006	150 Ackermann	
4		***LH Upper Steering Knuckle Assembly	1
		12K, 4.25\" Drop, 69 KPI,	
	60903-034	280 mm Ride Ht., Replaces 60903-004	
	60903-035	315 mm Ride Ht., Replaces 60903-005	
	60903-036	355 mm Ride Ht., Replaces 60903-006	
		12K, 4.25\"/ 5.36\" Drop, 70.9 KPI,	
	60903-038	315 mm Ride Ht., Replaces 60903-008	
	60903-039	355 mm Ride Ht., Replaces 60903-009	
5		***RH Upper Steering Knuckle Assembly	1
	60904-032	Replaces 60903-002	
		Kingpin Bushing and Bearing Service Kits	
	60961-040	Axle Set, Includes Kit Nos. 60961-009 &-039	
	60961-009	LH w/Composite Thrust Bearing, Includes Key Nos. 6-9, 11-13, Loctite	
	60961-039	RH w/Roller Thrust Bearing, Includes Key Nos. 6-8, 10-13, Loctite	
6	59156-000	Grease Cap Assembly	4
7	58937-000	Retaining Ring	4
8	78320-000	Kingpin Bushing, Replaces 58909-000	4
		Thrust Bearing Service Kits	
	60961-043	Axle Set, Includes Kit Nos. 60961-041 &-042	
	60961-041	LH Composite Thrust Bearing, Includes Key Nos. 9, 11-13 & Loctite	
	60961-042	RH Roller Thrust Bearing, Includes Key Nos. 10-13 & Loctite	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
9	77907-000	LH Composite Thrust Bearing, Replaces 59828-000	1
10	64256-000	RH Roller Thrust Bearing	1
11		Kingpin Shim (As needed for service)	
	60259-002	0.047\" Thickness	
	60259-001	0.005\" Thickness	
12	58910-001	Kingpin Seal, Replaces 58910-000	4
13	60236-001	5/8\" Socket head cap screw	4
Not Shown	60937-000	Loctite® (Red) Compound Tube	1
14		Tie Rod Assembly, Includes Key Nos. 15-17 See Selection Guide on Page 16	1
15		**7/8\" Castle Nut	2
		Tie Rod End Service Kits, See Selection Guide on Page 16	
		Tie Rod End, See Selection Guide on Page 16	
16		LH	1
17		RH	1
18	22962-007	7/8\" Flat Washer	2
19	17800-004	Tie Rod Nut Cotter Pin	2
20	60238-000	1/2\"-13 UNC Square Head Bolt	2
21	60240-000	1/2\"-13 UNC Hex Jam Nut	2
22		Top Axle Wrap	2
		CST/Columbia 69 KPI,	
	59952-003	4.25\" Drop, 315 mm Ride Ht.	
		5.36\" Drop, 260 mm/280 mm Ride Ht.	
	59952-004	4.25\" Drop, 355 mm Ride Ht.	
		5.36\" Drop, 315 mm Ride Ht.	
		Coronado (WS) 70.9 KPI,	
	59952-005	4.25\" Drop, 315 mm Ride Ht.	
	59952-006	4.25\" Drop, 355 mm Ride Ht.	
		5.36\" Drop, 315 mm Ride Ht.	
23	64723-002	Bottom Axle Wrap, Replaces 59440-002	2
	60961-015	Top/Bottom Axle Wrap Liner Service Kit, One Side, Includes Key Nos. 24-25	
24	60508-000	Top Axle Wrap Liner	2
25	59845-000	Bottom Axle Wrap Liner	2
26		*Shock Absorber	2
27	59423-002	Shock Bracket	2
28	59946-001	Shock Spacer	2



■ Selection Guide – Upper Steering Knuckle • Dowel Pin • Front Axle Spacer

STERTEK NXT AXLE	TABLE 1					
	Vehicle	Axle Drop	Ride Height	PART NUMBER		
				LH Upper Steering Knuckle Assembly	Dowel Pin	Front Axle Spacer
	Vehicles built AFTER November 2011					
	FREIGHTLINER	Page 3		Key No. 30	Key No. 52	Key No. 53
	Cascadia SET BACK	4.25"	315 mm	60903-435	57159-004	No Spacer
			355 mm	60903-436	57159-005	69594-040
		5.36"	280 mm	60903-434	57159-004	No Spacer
			315 mm	60903-435	57159-005	69594-040
	Coronado SET FORWARD	4.25"	315 mm	60903-438	57159-004	No Spacer
			355 mm	60903-439	57159-005	69594-040
	WESTERN STAR	Page 5		Key No. 31	Key No. 53	Key No. 54
	4900 SA SET BACK	4.25"	315 mm	60903-435	57159-004	No Spacer
			355 mm	60903-436	57159-005	69594-040
			385 mm	60903-436	57159-006	69594-070
	4900 SA SET FORWARD	4.25"	315 mm	60903-438	57159-004	No Spacer
			355 mm	60903-439	57159-005	69594-040
			385 mm	60903-439	57159-006	69594-070

■ Selection Guide – Upper Steering Knuckle • Top Wrap • Dowel Pin • Front Axle Spacer

STERTEK AXLE

TABLE 2						
Vehicle	Axle Drop	Ride Height	PART NUMBER			
			LH Upper Steering Knuckle Assembly	Top Wrap	Dowel Pin	Front Axle Spacer
Vehicles built BETWEEN May 2010 and November 2011						
FREIGHTLINER	Page 7		Key No. 32	Key No. 50	Key No. 58	Key No. 59
SET BACK	4.25"	315 mm / 7.31"	60903-035	59952-021	57159-004	No Spacer
		355 mm / 8.81"	60903-036	59952-002	57159-005	60244-040
	5.36"	280 mm	60903-034	59952-021	57159-004	No Spacer
		315 mm	60903-035	59952-002	57159-005	69594-040
SET FORWARD	4.25"	315 mm / 7.31"	60903-038	59952-021	57159-004	No Spacer
		355 mm / 8.81"	60903-039	59952-002	57159-005	60244-040
Vehicles built BETWEEN June 2010 and November 2011						
WESTERN STAR	Page 9		Key No. 31	Key No. 49	Key No. 57	Key No. 58
SET BACK	4.25"	315 mm / 7.31"	60903-035	59952-021	57159-004	No Spacer
		355 mm / 8.81"	60903-036	59952-002	57159-005	60244-040
		385 mm / 10.06"	60903-036	59952-002	57159-006	60244-070
SET FORWARD	4.25"	315 mm / 7.31"	60903-038	59952-021	57159-004	No Spacer
		355 mm / 8.81"	60903-039	59952-002	57159-005	60244-040
		385 mm / 10.06"	60903-039	59952-002	57159-006	60244-070



■ Selection Guide – Tie Rod****

		AXLE MODEL	ACKERMANN	KPI	TIE ROD ASSEMBLY NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.		
Straight Tie Rods	1 1/8" Threads	Vehicles built AFTER November 2014							
		STEERTEK NXT 12K	150	70.9	76877-001	70995-001 (LH) 70995-002 (RH)	60961-734 (Axle Set) 60961-736 (LH) 60961-741 (RH)		
			200		76877-002				
			250		76877-003				
		STEERTEK NXT 13.3K	150	70.9	76879-001	76876-001 (LH) 76876-002 (RH)	60961-735 (Axle Set) 60961-742 (LH) 60961-743 (RH)		
			200		76879-002				
			250		76879-003				
		Vehicles built PRIOR to November 2014							TIE ROD ASSEMBLY REPLACEMENT NO.
		STEERTEK NXT STEERTEK	150	70.9	60239-001	Tie rod end kits are no longer available for these assembly numbers, requires complete tie rod assembly replacement.		76877-001	
			200		60239-002		76877-002		
			250		60239-003		76877-003		
			150	69	60239-004		76877-004		
			200		60239-005		76877-005		
			250		60239-006		76877-006		
Drop Tie Rods	1 1/4" Threads	Vehicles built AFTER November 2014							
		STEERTEK NXT	150/200	70.9	76878-001	76875-001 (LH) 76875-002 (RH)	60961-737 (Axle Set) 60961-739 (LH) 60961-740 (RH)		
			250		76878-002				
		Vehicles built PRIOR to November 2014							TIE ROD ASSEMBLY REPLACEMENT NO.
		STEERTEK NXT STEERTEK	150/200	70.9	66699-001	Tie rod end kits are no longer available for these assembly numbers, requires complete tie rod assembly replacement.		76878-001	
			250		66699-002		76878-002		
			150/200	69	66699-003		76878-003		
		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, see Hendrickson Literature No. SEU-0223 or contact Hendrickson Truck Parts for corresponding kit numbers.							

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, see Hendrickson Literature No. SEU-0223 or contact Hendrickson Truck Parts for corresponding kit numbers.

NOTES* 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.

******* All new replacement STEERTEK axles and upper steering knuckle components for Freightliner, Sterling and Western Star Vehicles will incorporate 5/8" fine threaded holes for brake spider mounting bolts. Vehicles built prior to 6/28/2004 that are receiving a replacement of the STEERTEK axle or upper knuckle will require — a change from coarse thread brake spider mounting bolts to fine thread brake spider mounting bolts. The brake spider mounting bolts are supplied separately by Freightliner, Sterling and Western Star, refer to vehicle manufacturer for bolt dimensions and torque specifications. Hendrickson will not be responsible for any damage to the STEERTEK upper knuckle components resulting from using the improper brake spider mounting bolts.

Hendrickson AIRTEK Ride Height Gauge (Literature No. 45745-159) for Freightliner and Western Star Vehicles can be obtained online at www.hendrickson-intl.com/Litform

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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