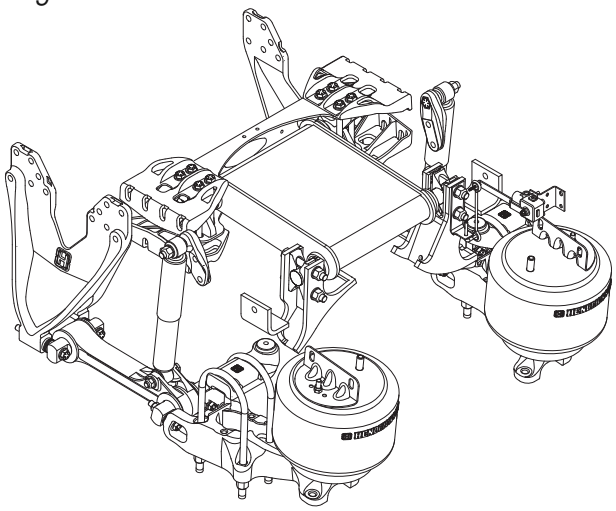
PARTS LIST

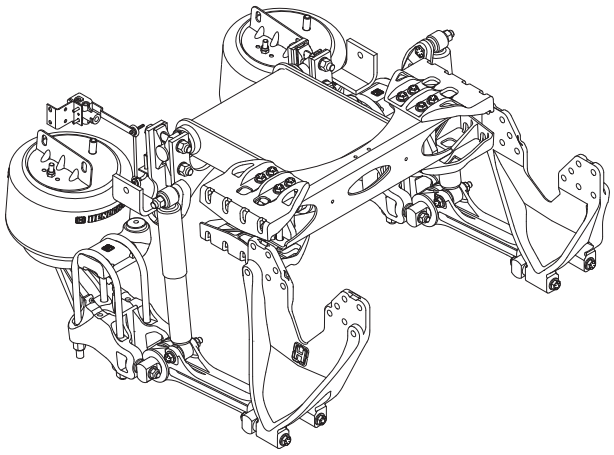
HTB™ 210 for Spartan Motorhome Chassis

LIT NO: SP-186
DATE: February 2012 **REVISION:** B

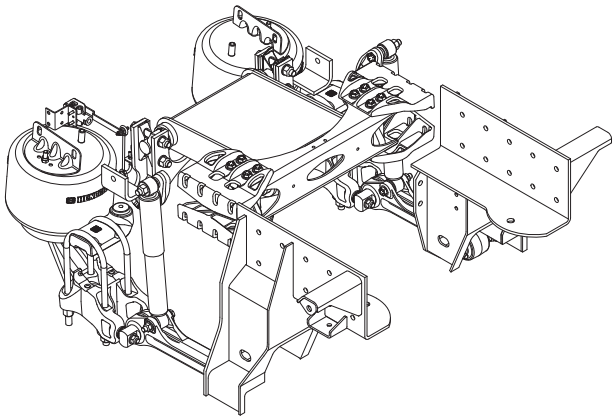
HTB 210 Mid Engine
Page 2



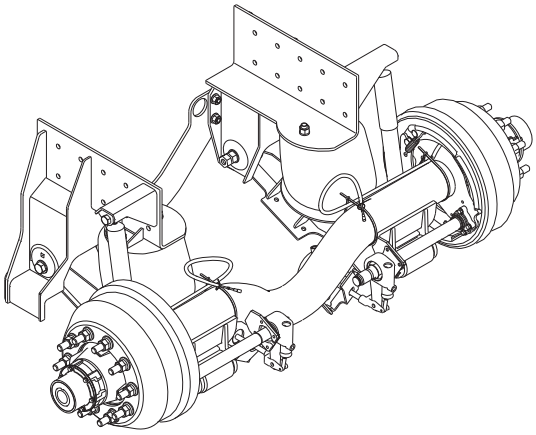
HTB 210 Rear Engine
Page 4



HTB 210 Drive Tag
Page 6

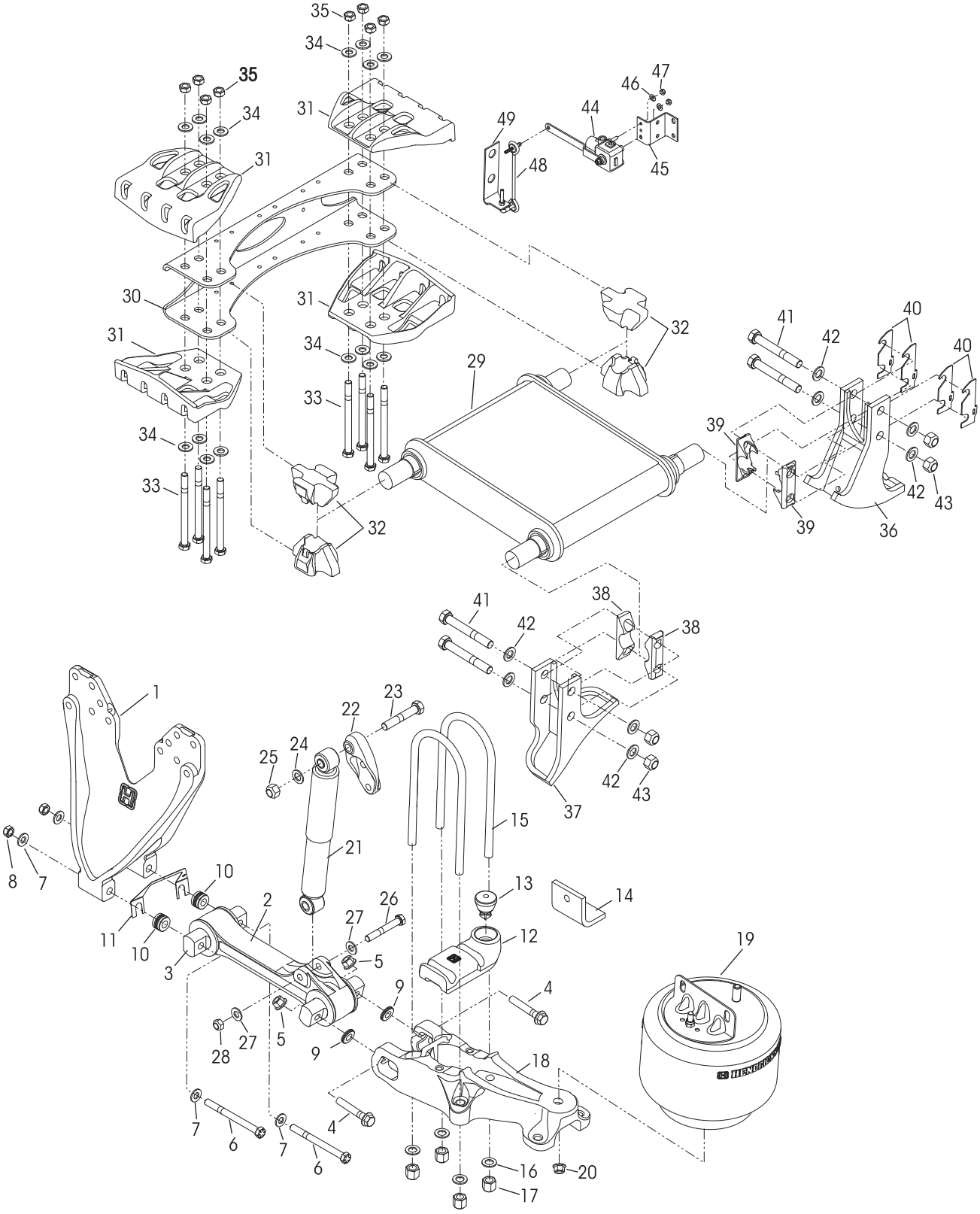


Auxiliary Axle Drive Tag
Page 8



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Mid-Engine -2° Pinion Angle

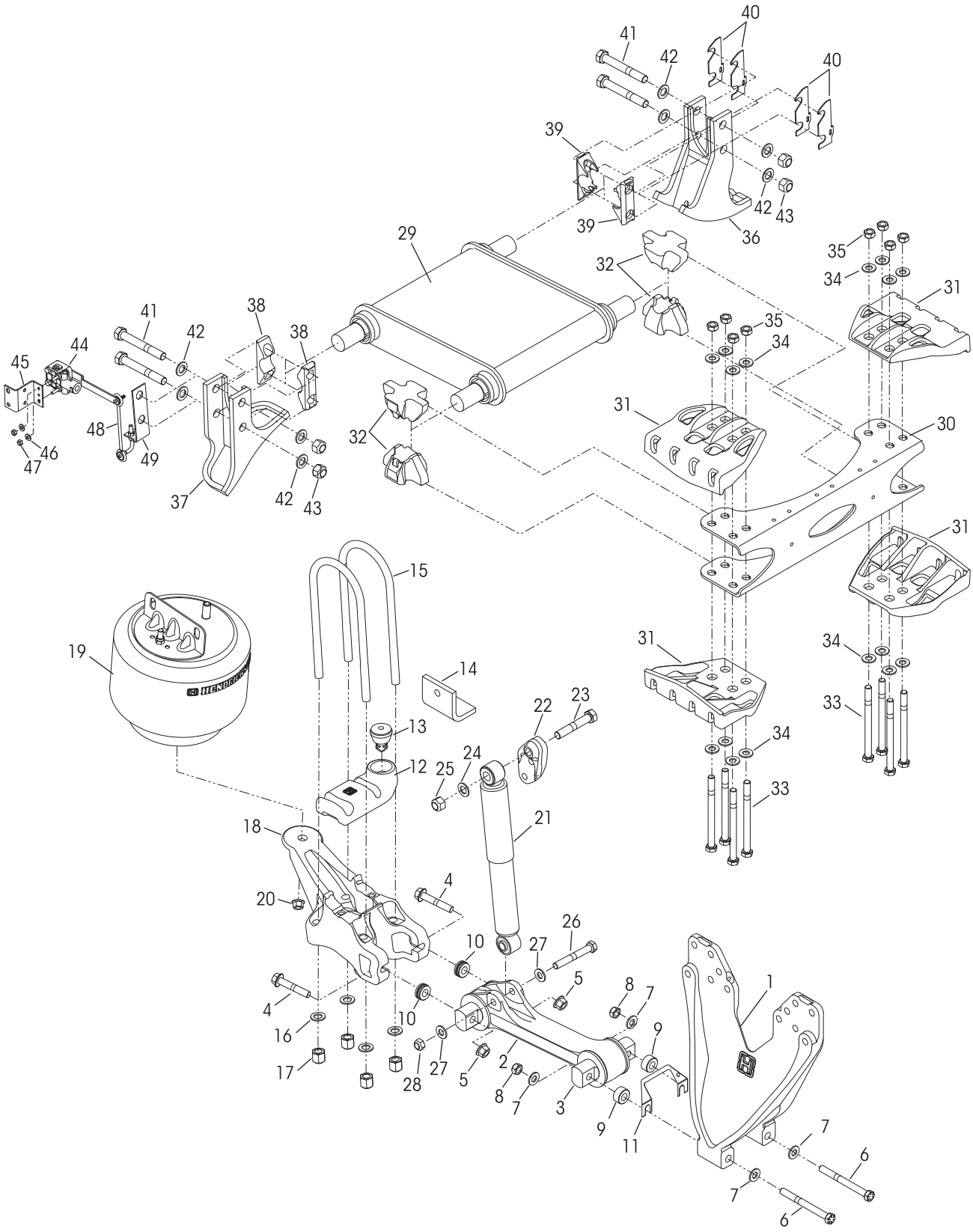


KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	65700-000	Frame Hanger	2
2	66797-003	Torque Rod Assembly - 15.67", Includes Key No. 3	2
3	64664-000L	*Torque Rod Bushing	2
	49176-018	**Torque Rod Fastener Service Kit, Axle Set,** Includes Key Nos. 4-8	
4	66636-003	5/8"-11 UNC 4.0" Flange Bolt *Replaces 32043-008, 22962-004*	4
5	66637-000	5/8"-11 UNC Flange Locknut *Replaces 47764-000, 22962-004*	4
6	32043-007	5/8"-11 UNC 7.0" Hex Bolt	4
7	22962-004	5/8" Hardened Washer	8
8	47764-000	5/8"-11 UNC Locknut	4
9	66193-001	Pinion Spacer, Air Spring Bracket - 8 mm	4
10	66193-003	Pinion Spacer, Frame Hanger - 24 mm	4
11		Torque Rod Shim	As Req.
	65640-001	1/32" (0.030")	
	65640-002	1/16" (0.060")	
	65640-003	1/8" (0.120")	
12	65708-000	Top Pad Assembly, Includes Key No. 13	2
13	64080-000	Axle Stop	2
14	66675-000	Axle Stop Spacer Plate	2
	48718-115	**U-bolt Fastener Service Kit, Axle Set,** Includes Key Nos. 15-17	
15	64102-001	3/4"-16 UNF 13.5" U-bolt	4
16	22962-001	3/4" Hardened Washer	8
17	49685-000	3/4"-16 UNF U-bolt Locknut	8
18		Lower Air Spring Bracket 2°-6° Pinion Angle	
	65638-001	Right Hand	1
	65638-002	Left Hand	1
19	66643-002L	Air Spring Assembly (FS) *Replaces 60977-002L*	2
20	60819-000	1/2"-13 UNC Flange Nut *Replaces 17700-010, 22962-014*	2
21	66153-005L	Shock Absorber	2
22	67463-005	Shock Absorber Bracket *Replaces 65000-005*	2
	50754-024	**Shock Absorber Fastener Service Kit, Axle Set,** Includes Key Nos. 23-28	
23	50764-010	3/4"-10 UNC 4.25" Upper Shock Bolt	2
24	22962-001	3/4" Hardened Washer	2
25	49842-000	3/4"-10 UNC Locknut	2
26	32043-005	5/8"-11 UNC 4.5" Lower Shock Bolt	2
27	22962-004	5/8" Hardened Washer	4
28	47764-000	5/8"-11 UNC Locknut	2
	66175-002	Torque Box Cross Member Assembly, Includes Key Nos. 29-35	1
29	64785-005	Torque Box Assembly w/Bar Pin Bushing *Replaces 64785-004*	1
30	67478-000	Cross Member C-Channel *Replaces 64970-000*	1
31	66698-000	Cross Member Gusset	4
32	67233-000	Cross Member Bar Pin Clamp *Replaces 65144-000*	4
	66025-002	**Cross Member Fastener Service Kit,** Includes Key Nos. 33-35	
33	32043-016	5/8"-11 UNC 8.0" Bolt	8
34	22962-004	5/8" Hardened Washer	16
35	47764-000	5/8"-11 UNC Locknut	8
36		**Axle Bracket (Long Arm Side)	1
37		**Axle Bracket (Short Arm Side)	1
38	66174-000	Axle Bracket Bar Pin Clamp, Non-Adjustable	2
39	66274-000	Axle Bracket Bar Pin Clamp, Adjustable	2
40	65737-001	Axle Bracket Spacer - 0.093"	4
	66027-001	**Axle Bracket Fastener Service Kit,** Includes Key Nos. 41-43	
41	58917-003	3/4"-10 UNC 5.5" Bolt *Replaces 50764-002*	4
42	22962-001	3/4" Hardened Washer	8
43	49842-000	3/4"-10 UNC Locknut	4
	57977-000	Height Control Valve Assembly, Includes Key Nos. 44-47	1
44	60501-000	Height Control Valve	1
45	57975-000	HCV Mounting Bracket	1
46	22962-028	1/4" Hardened Washer	2
47	49983-000	1/4"-20 UNC Locknut	2
48		**HCV Linkage Assembly	1
49		**Lower HCV Linkage Mounting Bracket	1

NOTE: * HTB torque rod bushing replacement can be done using the Hendrickson Torque Rod Bushing Assembly Tool (Funnel) Part No. 66086-000.

** Not Supplied by Hendrickson, used for reference only. Refer to vehicle manufacturer for more information.

MM Rear Engine -4° Pinion Angle
MM Rear Engine -5° Pinion Angle

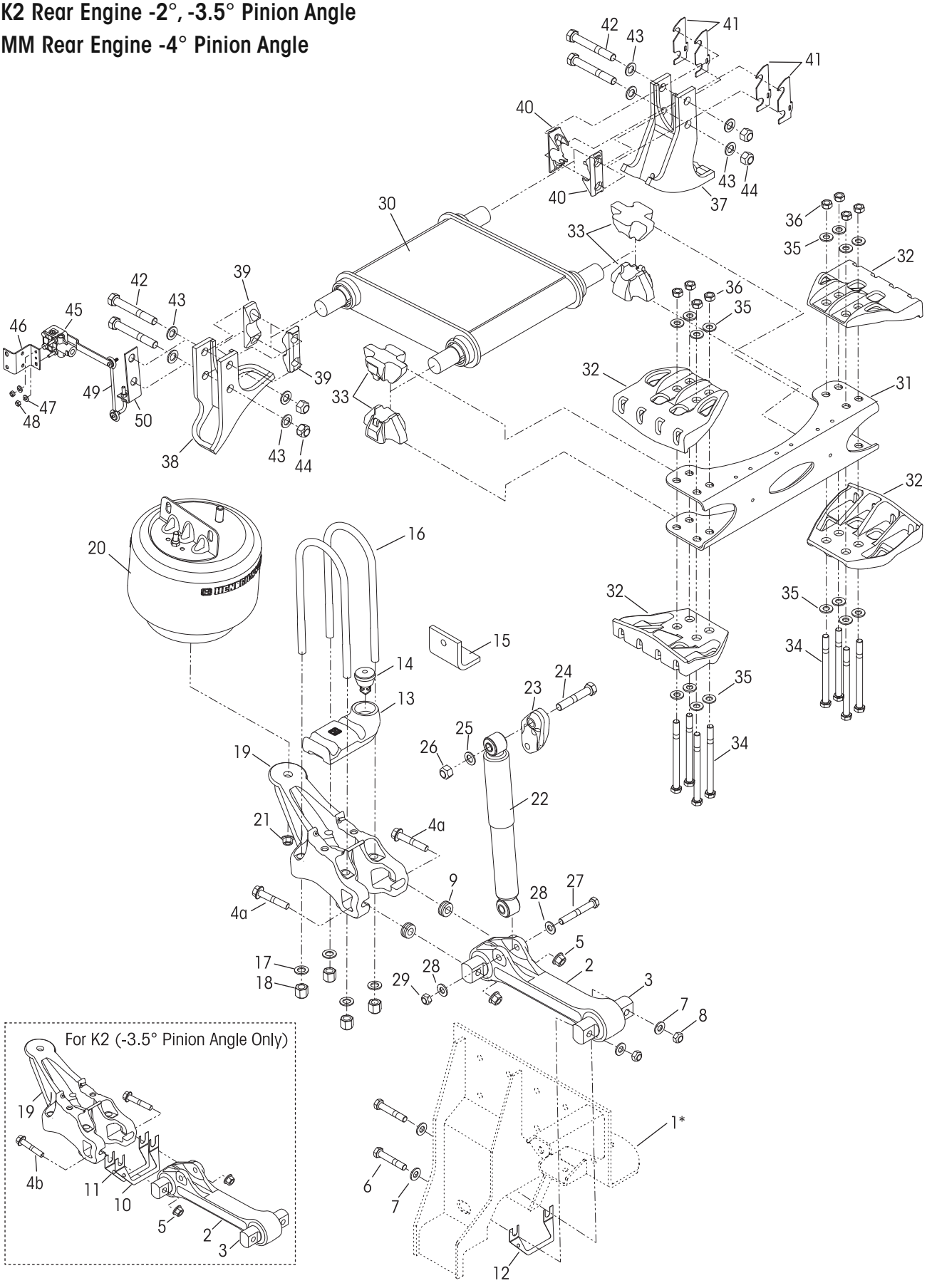


KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	65700-000	Frame Hanger	2
2	66797-002	Torque Rod Assembly - 15.67", Includes Key No. 3	2
3	64664-000L	*Torque Rod Bushing	2
	49176-018	**Torque Rod Fastener Service Kit, Axle Set,** Includes Key Nos. 4-8	
4	66636-003	5/8"-11 UNC 4.0" Flange Bolt *Replaces 32043-008, 22962-004*	4
5	66637-000	5/8"-11 UNC Flange Locknut *Replaces 47764-000, 22962-004*	4
6	32043-007	5/8"-11 UNC 7.0" Hex Bolt	4
7	22962-004	5/8" Hardened Washer	8
8	47764-000	5/8"-11 UNC Locknut	4
9		Pinion Spacer - Air Spring Bracket	4
	66193-001	8 mm, MM -5° Pinion Angle	
	66193-002	16 mm, MM -4° Pinion Angle	
10		Pinion Spacer - Frame Hanger	4
	66193-002	16 mm, MM -5° Pinion Angle	
	66193-004	19.3 mm, MM -4° Pinion Angle	
11		Torque Rod Shim	As Req.
	65640-001	1/32" (0.030")	
	65640-002	1/16" (0.060")	
	65640-003	1/8" (0.120")	
12	65708-000	Top Pad Assembly, Includes Key No. 13	2
13	64080-000	Axle Stop	2
14	66675-000	Axle Stop Spacer Plate	2
	48718-116	**U-bolt Fastener Service Kit, Axle Set,** Includes Key Nos. 15-17	
15	64102-002	3/4"-16 UNF 14.0" U-bolt	4
16	22962-001	3/4" Hardened Washer	8
17	49685-000	3/4"-16 UNF U-bolt Locknut	8
18		Lower Air Spring Bracket 8°-10° Pinion Angle	
	65698-001	Right Hand	1
	65698-002	Left Hand	1
19	66643-002L	Air Spring Assembly (FS) *Replaces 60977-002L*	2
20	60819-000	1/2"-13 UNC Flange Nut *Replaces 17700-010, 22962-014*	2
21	66153-005L	Shock Absorber	2
22	67463-005	Shock Absorber Bracket *Replaces 65000-005*	2
	50754-024	**Shock Absorber Fastener Service Kit, Axle Set,** Includes Key Nos. 23-28	
23	50764-010	3/4"-10 UNC 4.25" Upper Shock Bolt	2
24	22962-001	3/4" Hardened Washer	2
25	49842-000	3/4"-10 UNC Locknut	2
26	32043-005	5/8"-11 UNC 4.5" Lower Shock Bolt	2
27	22962-004	5/8" Hardened Washer	4
28	47764-000	5/8"-11 UNC Locknut	2
	66175-002	Torque Box Cross Member Assembly, Includes Key Nos. 29-35	1
29	64785-005	Torque Box Assembly w/Bar Pin Bushing *Replaces 64785-004*	1
30	67478-000	Cross Member C-Channel *Replaces 64970-000*	1
31	66698-000	Cross Member Gusset	4
32	67233-000	Cross Member Bar Pin Clamp *Replaces 65144-000*	4
	66025-002	**Cross Member Fastener Service Kit,** Includes Key Nos. 33-35	
33	32043-016	5/8"-11 UNC 8.0" Bolt	8
34	22962-004	5/8" Hardened Washer	16
35	47764-000	5/8"-11 UNC Locknut	8
36		**Axle Bracket (Long Arm Side)	1
37		**Axle Bracket (Short Arm Side)	1
38	66174-000	Axle Bracket Bar Pin Clamp, Non-Adjustable	2
39	66274-000	Axle Bracket Bar Pin Clamp, Adjustable	2
40	65737-001	Axle Bracket Spacer - 0.093"	4
	66027-001	**Axle Bracket Fastener Service Kit,** Includes Key Nos. 41-43	
41	58917-003	3/4"-10 UNC 5.5" Bolt *Replaces 50764-002*	4
42	22962-001	3/4" Hardened Washer	8
43	49842-000	3/4"-10 UNC Locknut	4
	57977-000	Height Control Valve Assembly, Includes Key Nos. 44-47	1
44	60501-000	Height Control Valve	1
45	57975-000	HCV Mounting Bracket	1
46	22962-028	1/4" Hardened Washer	2
47	49983-000	1/4"-20 UNC Locknut	2
48		**HCV Linkage Assembly	1
49		**Lower HCV Linkage Mounting Bracket	1

NOTE: * HTB torque rod bushing replacement can be done using the Hendrickson Torque Rod Bushing Assembly Tool (Funnel) Part No. 66086-000.

** Not Supplied by Hendrickson, used for reference only. Refer to vehicle manufacturer for more information.

Drive Tag
K2 Rear Engine -2°, -3.5° Pinion Angle
MM Rear Engine -4° Pinion Angle



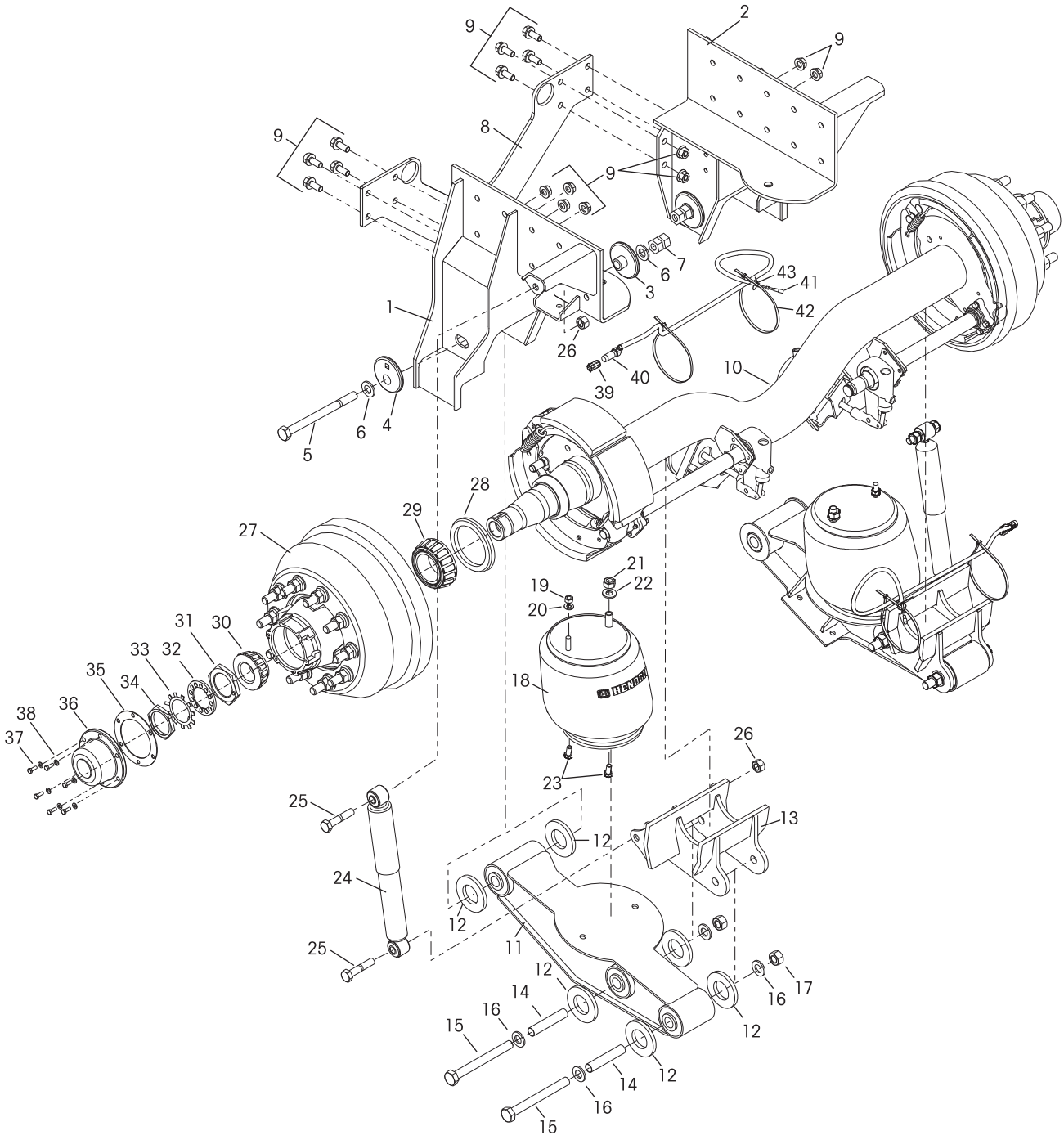
KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1		*Frame Hanger	2
2	66797-001	Torque Rod Assembly - 15.67", Includes Key No. 3	2
3	64664-000L	**Torque Rod Bushing	2
		Torque Rod Fastener Service Kit, Axle Set,	
	49176-029	K2 -2°, Includes Key Nos. 4a, 5-8	
	49176-037	MM -4°, K2 -3.5°, Includes Key Nos. 4b, 5-8	
4		5/8"-11 UNC Flange Bolt	4
a	66636-003	K2 -2°, 4.0", *Replaces 32043-008, 22962-004*	
b	66636-004	MM -4°, K2 -3.5°, 3.5"	
5	66637-000	5/8"-11 UNC Flange Locknut *Replaces 47764-000, 22962-004*	4
6	32043-009	5/8"-11 UNC 3.5" Hex Bolt	4
7	22962-004	5/8" Hardened Washer	8
8	47764-000	5/8"-11 UNC Locknut	4
9	66193-002	Air Spring Bracket Pinion Spacer K2 *(-2.0° Pinion Angle ONLY)*, 16 mm	4
		Air Spring Bracket Pinion Shim	
10	65640-001	K2 *(-3.5° Pinion Angle ONLY)*, 1/32" (0.030")	2
11	65640-003	K2 *(-3.5° Pinion Angle ONLY)*, 1/8" (0.120")	2
12		Torque Rod Shim	As Req.
	65640-001	1/32" (0.030")	
	65640-002	1/16" (0.060")	
	65640-003	1/8" (0.120")	
13	65708-000	Top Pad Assembly, Includes Key No. 14	2
14	64080-000	Axle Stop	2
15	66675-000	Axle Stop Spacer Plate	2
	48718-116	**U-bolt Fastener Service Kit, Axle Set,** Includes Key Nos. 14-16	
16	64102-002	3/4"-16 UNF 14.0" U-bolt	4
17	22962-001	3/4" Hardened Washer	8
18	49685-000	3/4"-16 UNF U-bolt Locknut	8
19		Lower Air Spring Bracket 8°-10° Pinion Angle	
	65698-001	Right Hand	1
	65698-002	Left Hand	1
20	66643-002L	Air Spring Assembly (FS) *Replaces 60977-002L*	2
21	60819-000	1/2"-13 UNC Flange Nut *Replaces 17700-010, 22962-014*	2
22	66153-005L	Shock Absorber	2
23	67463-005	Shock Absorber Bracket *Replaces 65000-005*	2
	50754-024	**Shock Absorber Fastener Service Kit, Axle Set,** Includes Key Nos. 22-27	
24	50764-010	3/4"-10 UNC 4.25" Upper Shock Bolt	2
25	22962-001	3/4" Hardened Washer	2
26	49842-000	3/4"-10 UNC Locknut	2
27	32043-005	5/8"-11 UNC 4.5" Lower Shock Bolt	2
28	22962-004	5/8" Hardened Washer	4
29	47764-000	5/8"-11 UNC Locknut	2
	66175-002	Torque Box Cross Member Assembly, Includes Key Nos. 28-34	1
30	64785-005	Torque Box Assembly w/Bar Pin Bushing *Replaces 64785-004*	1
31	67478-000	Cross Member C-Channel *Replaces 64970-000*	1
32	66698-000	Cross Member Gusset	4
33	67233-000	Cross Member Bar Pin Clamp *Replaces 65144-000*	4
	66025-002	**Cross Member Fastener Service Kit,** Includes Key Nos. 32-34	
34	32043-016	5/8"-11 UNC 8.0" Bolt	8
35	22962-004	5/8" Hardened Washer	16
36	47764-000	5/8"-11 UNC Locknut	8
37		***Axle Bracket (Long Arm Side)	1
38		***Axle Bracket (Short Arm Side)	1
39	66174-000	Axle Bracket Bar Pin Clamp, Non-Adjustable	2
40	66274-000	Axle Bracket Bar Pin Clamp, Adjustable	2
41	65737-001	Axle Bracket Spacer - 0.093"	4
	66027-001	**Axle Bracket Fastener Service Kit,** Includes Key Nos. 40-42	
42	58917-003	3/4"-10 UNC 5.5" Bolt *Replaces 50764-002*	4
43	22962-001	3/4" Hardened Washer	8
44	49842-000	3/4"-10 UNC Locknut	4
	57977-000	Height Control Valve Assembly, Includes Key Nos. 43-46	1
45	60501-000	Height Control Valve	1
46	57975-000	HCV Mounting Bracket	1
47	22962-028	1/4" Hardened Washer	2
48	49983-000	1/4"-20 UNC Locknut	2
49		***HCV Linkage Assembly	1
50		***Lower HCV Linkage Mounting Bracket	1

NOTE: * Supplied by Hendrickson Auxiliary Axle Systems. See page 9 for Auxiliary Axle Parts List.

** HTB torque rod bushing replacement can be done using the Hendrickson Torque Rod Bushing Assembly Tool (Funnel) Part No. 66086-000.

*** Not Supplied by Hendrickson, used for reference only. Refer to vehicle manufacturer for more information.

The components illustrated on this page are supplied by Hendrickson Auxiliary Axle Systems. For information regarding component replacement or technical service call **1-800-660-2829.**



KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1	006974-1	Hanger Bracket Assembly (Driver's Side)	1
2	006974-2	Hanger Bracket Assembly (Passenger's Side)	1
	A-21116	**Front Pivot Bolt Kit, Quik-Align®,** Includes Key Nos. 3-7	2
3	C-20924	Flanged Concentric Inboard Washer	1
4	C-20925	Flanged Eccentric Washer	1
5	002548-1	7/8"-9 UNC 10.0" Heavy Hex Screw	1
6	A-21024	Hardened Steel Washer	2
7	A-15122	Quik-Align Torq-Rite® Service Nut	1
8	006993	Cross Member, 34.25" F.W.	1
9	006912	Cross Member Bolt Kit	1
	006723	Axle Beam Assembly, Includes Key Nos. 10-13	1
10	006742	Axle - 6.0" Drop, 6.5" x 6.0" Brakes	1
11		Beam Assembly	
	006927-1	Driver's Side	1
	006927-2	Passenger's Side	1
12	B-14495	Wear Pad	12
13		*Axle Seat Weldment (DTSM)	1
		*Axle Seat Weldment (DTSM)	1
	006932	**Axle Seat Bolt Kit,** Includes Key Nos. 14-17	2
14	002520	Plastic Liner	2
15	006907-4	7/8"-9 UNC Heavy Hex Bolt	2
16	006909-4	7/8" Washer	4
17	006908-5	7/8"-9 UNC Hex Nut	2
18	006994	Air Spring (Ride)	2
	006913	**Air Spring Bolt Kit (Zinc),** Includes Key Nos. 19-23	2
19	006908-1	1/2"-13 UNC Hex Nut	1
20	006909-2	1/2" Lockwasher	1
21	006908-4	3/4"-16 UNF Hex Nut	1
22	006909-3	3/4" Lockwasher	1
23	006907-1	1/2"-13 UNC 1.0" Hex Bolt	2
24	006797	Shock Absorber	2
	006921	**Shock Absorber Bolt Kit (DTSM) (Zinc),** Includes Key Nos. 25-26	2
25	006907-3	3/4"-10 UNC 3.5" HHB	2
26	006908-3	3/4"-10 UNC Hex Nut	2
27	003053	Hub / Drum ST20/22/UH/OUT/10/ABS	2
	006914	**Wheel End Components Kit,** Includes Key Nos. 28-38	1
28	A-11571	Hub Seal	2
29	A-2717	Inner Bearing Cone	2
30	A-2718	Outer Bearing Cone	2
31	A-1985	Inner Wheel Bearing Adj. Nut	1
32	A-1987	Axle Lockwasher - Pin Type	1
33	002653	Star Washer	1
34	A-1986	Outer Wheel Bearing Nut	1
35	A-1973	Hubcap Gasket	2
36	003520	Hubcap Assembly w/Pipe Plug & Cap Plug	2
37	SA-1100-4	5/16"-18 UNC Hex Head Bolt	12
38	SA-1600-7	5/16" Lockwasher	12
39	006924	ABS Sensor Clip	2
40	006910	ABS Sensor	2
41	006929	ABS Conduit Sleeve	2
42	006897	Cable Tie, Heavy Duty	4
43	006969	Cable Tie, Light Duty	2

NOTE: The components listed on this page are supplied by Hendrickson Auxiliary Axle Systems. For information regarding component replacement or technical service call **1-800-660-2829.**

* Axle seat brackets are welded to axle tube. Part not serviceable.

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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Woodridge, IL 60517-4904 USA

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Fax 630.910.2899

SP-186 Rev B 02-12

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