PARTS LIST

Truck Suspension
Past Generation Products

LIT NO: SP-179
DATE: March 2021 **REVISION:** G

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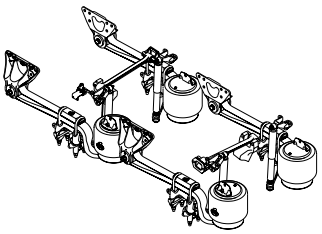
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SOLUTIONS AT WORK — Since 1913, Hendrickson's only business has been to serve the needs of the commercial vehicle industry. Today, Hendrickson is a major supplier to every North American heavy-duty truck and trailer OEM, as well as many manufacturers around the world.

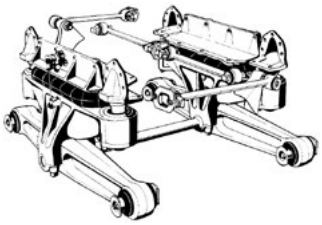
Our goal continues to be providing the most technologically advanced and differentiated products available. We will continue to support past generation products to the best of our ability, although some components may no longer be available. We encourage you to contact our Tech Services staff for questions or to upgrade your suspension.

e-mail
Parts Identification
truckparts@hendrickson-intl.com

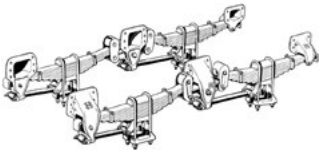
website
Additional Hendrickson Product Information
www.hendrickson-intl.com



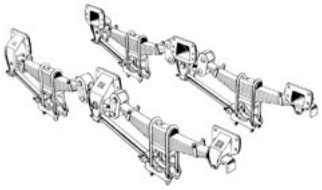
AL405 • MaxAir



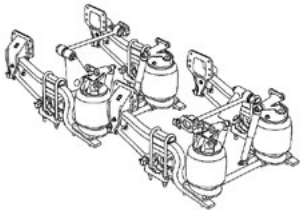
AR 34K • 38K



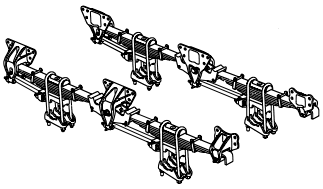
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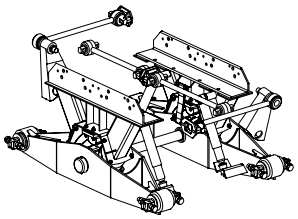
E4 36K • 40K



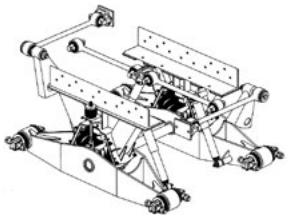
HA 36K • 40K • 46K



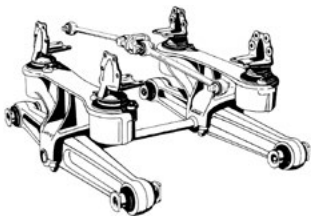
HFS 36K • 40K LH • 40K



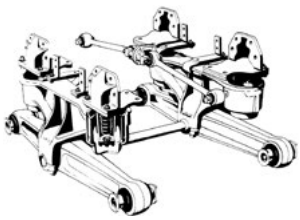
HN 40K • 46K



HN/HNT 40K • 46K



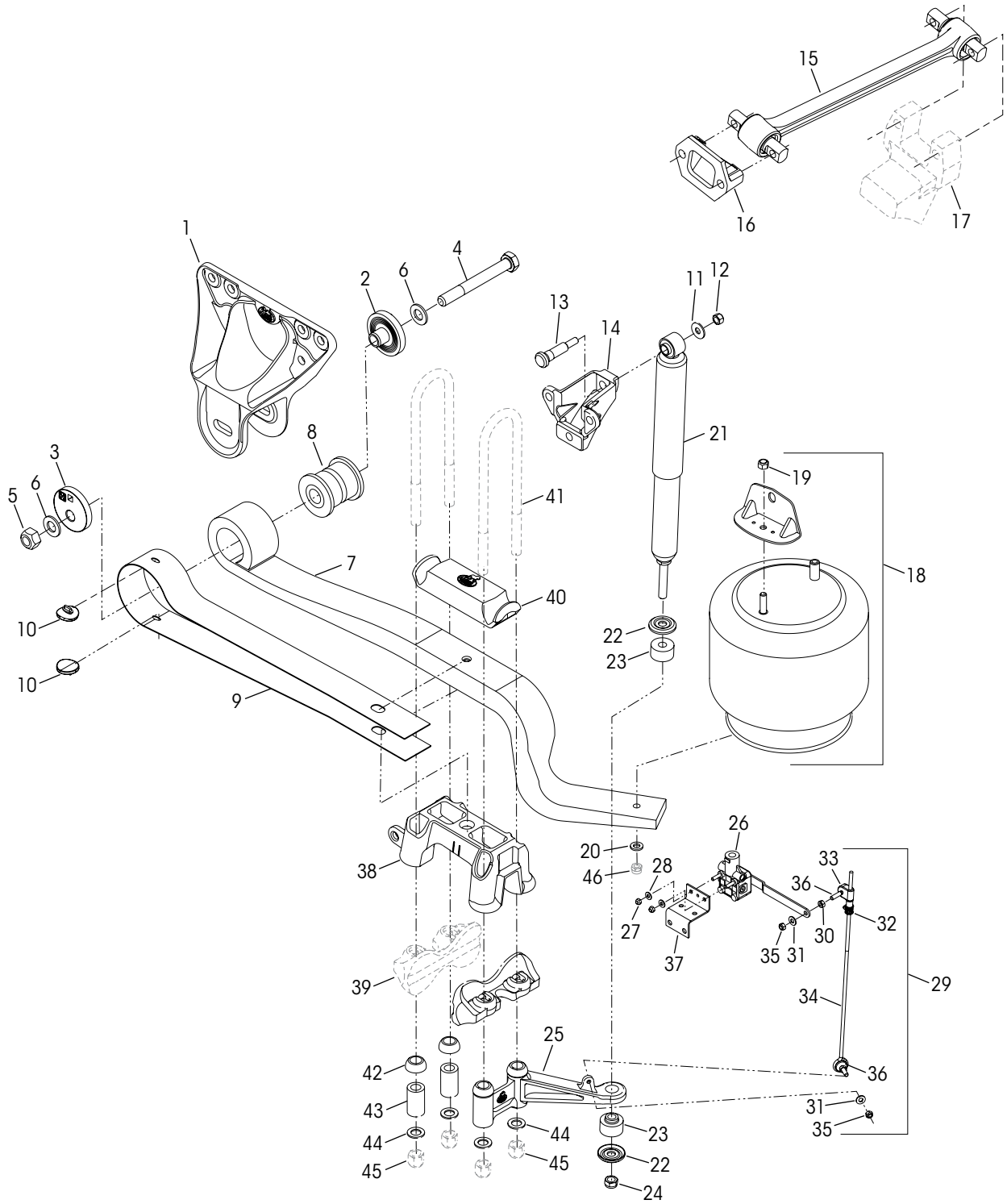
SR 34K • 38K



V4 34K • 38K

HENDRICKSON
The World Rides On Us®

■ **Obsolete January 2004**



KEY NO.	PART NO.	DESCRIPTION	VEHICLE *QTY.
1		Frame Hanger	4
	58772-000	Ductile Iron, Standard, *Replaces 58694-001 and 58772-001*	
2	60497-000	**QUIK-ALIGN® Concentric Base	6
	60661-000L	***QUIK-ALIGN Concentric Base Aluminum option	6
3	60496-000	**QUIK-ALIGN Eccentric Base	2
	60662-000L	***QUIK-ALIGN Eccentric Base Aluminum Option	2
4	58705-003	⅞"-9 UNC-2A x 7½" Bolt	4
	58705-005	***⅞"-9 UNC-2A x 8" Bolt Aluminum Option	4
5	60266-000	⅞"-9 UNC-2B Locknut	4
6	22962-034	Hardened Flat Washer	8
7		Main Support Member, Includes Key Nos. 8-10	
	58691-000	Left Hand	2
	58768-000	Right Hand	2
8		****QUIK-ALIGN Pivot Bushing	
9		****Flexi-Wrap Strip	
10		****Rubber Isolator Pad	
	58692-000	Shock Frame Hanger Assembly Includes Key Nos. 11-14	4
11	22962-031	½" Hardened Washer	4
12	49846-000	½"-13 UNC Locknut	4
13	50368-000	½"-13 UNC 3.72" Bolt	4
14		****Shock Bracket Cast	
15	62000-560	Transverse Rod Assembly, *Replaces 58757-006*	2
16	22186-000	Transverse Rod Frame Bracket	2
17		*****Transverse Rod Axle Bracket	2
18	58786-002	Air Spring Assembly, Includes Key No. 19	4
19		****Air Spring Locknut	
20	22962-014	Air Spring Flat Washer	4
21	57241-006L	Shock Absorber, Includes Key Nos. 22-24	4
22		****Retaining Washers	
23		****Rubber Bushings	
24		****⅝" UNC Locknut	
25		Lower Shock Bracket	
	58701-001	Left Hand	2
	58702-001	Right Hand	2
26	59899-000L	Height Control Valve, Includes Key Nos. 27-28	1
27		****¼"-20 UNC Locknut	
28		****¼" Hardened Washer	
29	58994-014	Height Control Valve Linkage Assembly Includes Key Nos. 30-36	1
30		****5/16"-18 UNC Nut	
31		****5/16" Hardened Washer	
32		****Valve Arm Clamp	
33		****Valve Arm Joint	
34		****Extension Rod	
35		****5/16"-18 UNC Locknut	
36		****5/16"-18 UNC Stud	
37	57975-000	Height Control Valve Bracket	1
38		Spring Seat	4
	59580-006	Front - 4½°	
	64237-003	Rear - 7½°	
	59582-005	Rear - 12°	
	59582-008	Rear - 13½°	
39		*****Welded Axle Bracket	8
40	58775-002	Top Pad	4
41		*****¾" U-bolt	8
42	49947-000	Spherical Washer	8
43	58776-000	U-bolt Spacer Tube	8
44	22962-001	¾" Flat Washer	16
45		*****¾" Locknut	16
46		*****Air Spring Locknut	4

NOTES: * Quantities specified are shown for tandem suspension.

** No longer available. Contact Hendrickson to upgrade to a conversion.

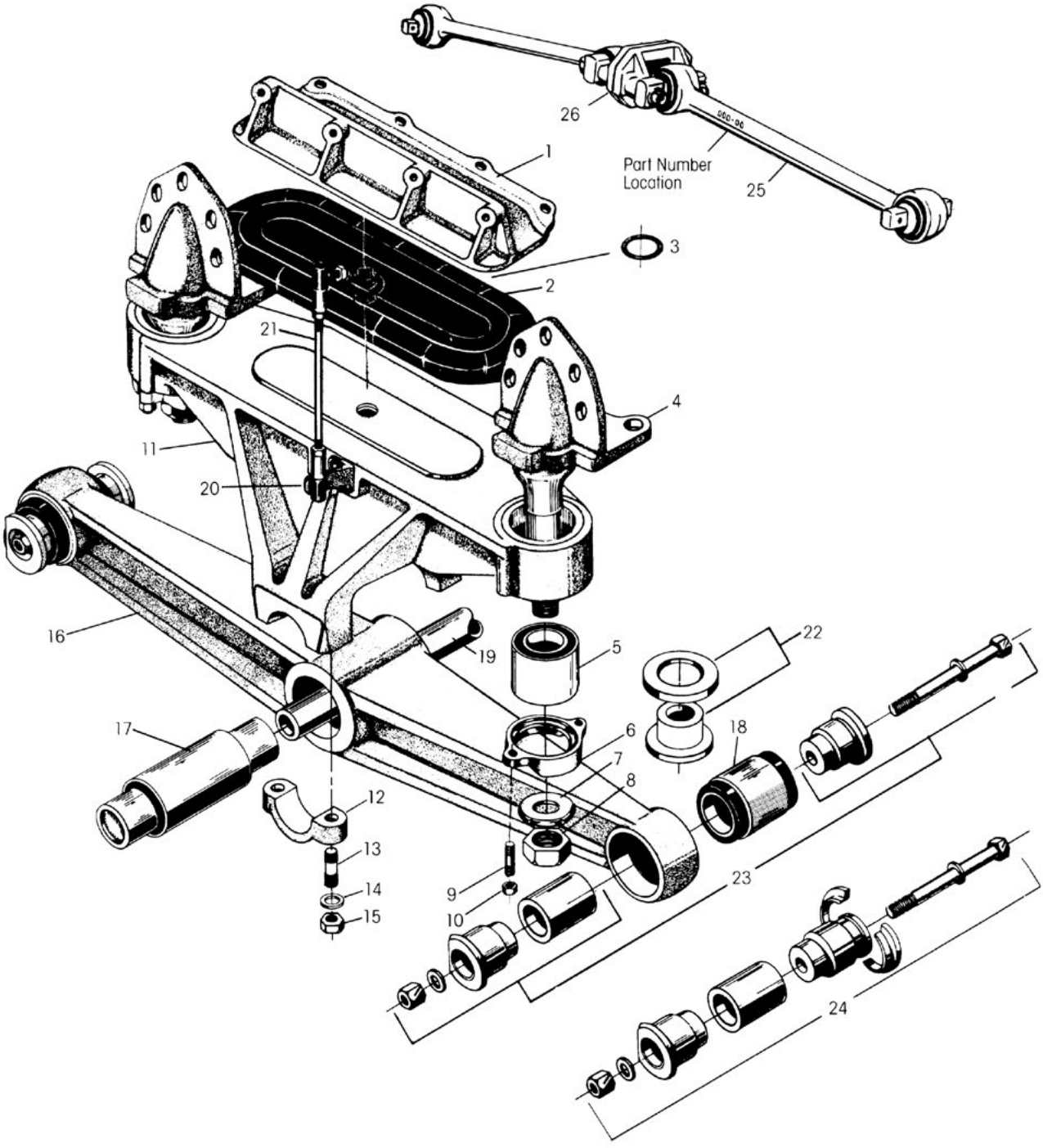
*** When using the aluminum option, it is mandatory to use the aluminum bolt Part No. 58705-005.

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

***** 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.

Hendrickson Lit. No. 45745-164 – MaxAir Ride Height Gauge for vehicles built after March 19, 2001 can be obtained online at www.hendrickson-intl.com/Litform

■ Obsolete January 1989



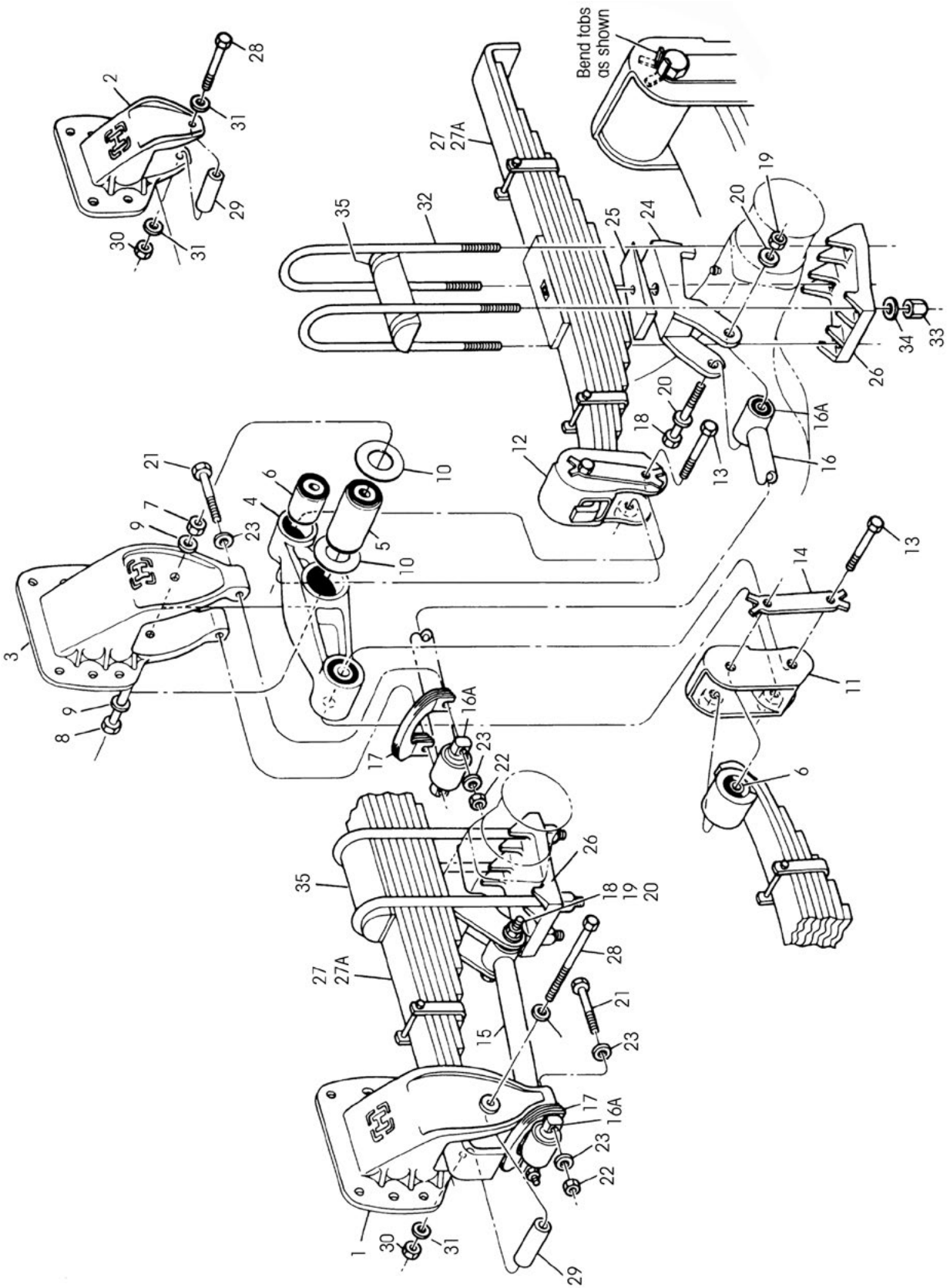
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	10327-001	*Air Spring Frame Hanger	2
2	13233-001	*Air Spring	2
3	35475-000	*O-Ring – Air Spring Orifice	2
4	14059-023	*Frame Hanger, Includes Key Nos. 7-8	4
5	19279-000L	Vertical Bushing	4
6	05917-000	Cap	4
7	08536-000	1½" Concave Washer	4
8	25151-000	1½"-12 UNF Locknut	4
9	19111-001	⅝"-18 UNF Stud	8
10	19114-000	⅝"-18 UNF Locknut	8
11		*Saddle Assembly – 12¼" Height, Includes Key Nos. 5-6, 9-10 & 12-15	2
	11480-003	34K	
	11480-015	38K	
12		Saddle Cap	4
	06662-000	34K	
	58795-000	38K, *Replaces 06612-000*	
13		⅞"-14 UNF/9 UNC Saddle Cap Stud	8
	09029-000	34K	
	09030-000	38K	
14	22962-002	⅞" Hardened Washer	8
15	04842-000	⅞"-14 UNF Saddle Cap Locknut	8
16		Equalizing Beam Assembly *See Selection Guide 45745-147*	2
17		Center Bushing	2
	06664-000L	34K - with Welded Plug	
	22279-000L	34K - with Loose Plug	
	05919-000L	38K - with Welded Plug	
	22282-000L	38K - with Loose Plug	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
18		End Bushing	4
a	06969-000L	34K - 5¼" Length	
b	45900-000L	34K • 38K - 5¾" Length	
19		Cross Tube - 44⅞" Length	1
	44642-008L	34K	
	44643-009L	38K	
20	22202-000	*Linkage Rod Bracket	2
21	22110-002	*Linkage Rod	2
22	31005-002	**Optional Rebound Control Stop Kit, Axle Set,** Consists of 4 Bumpers & 4 Stop Nuts (Eliminates Nut, Key No. 8)	
23		**End Bushing Adapter Kit, One Wheel End**	
	45000-013L	Use with End Bushing Key No. 18a – 5¼" Length	
	45000-007L	Use with End Bushing Key No. 18b – 5¾" Length	
24		**End Bushing Adapter Kit, One Wheel End,** with Split Ring	
	45000-014L	Use with End Bushing Key No. 18a – 5¼" Length	
	45000-008L	Use with End Bushing Key No. 18b – 5¾" Length	
25	60218-000	**Torque Rod Assembly, *Replaces 32271-XXX*	2
26	22186-000	Torque Rod Frame Bracket	2
	30286-000	*Adhesive Tube, EC-4475-3M (not shown)	1

NOTES: * No longer available. Contact Hendrickson to upgrade to a conversion.

** Hendrickson's part number is stamped on the torque rod for identification. Be sure to include the suffix number when ordering, this number indicates torque rod length.

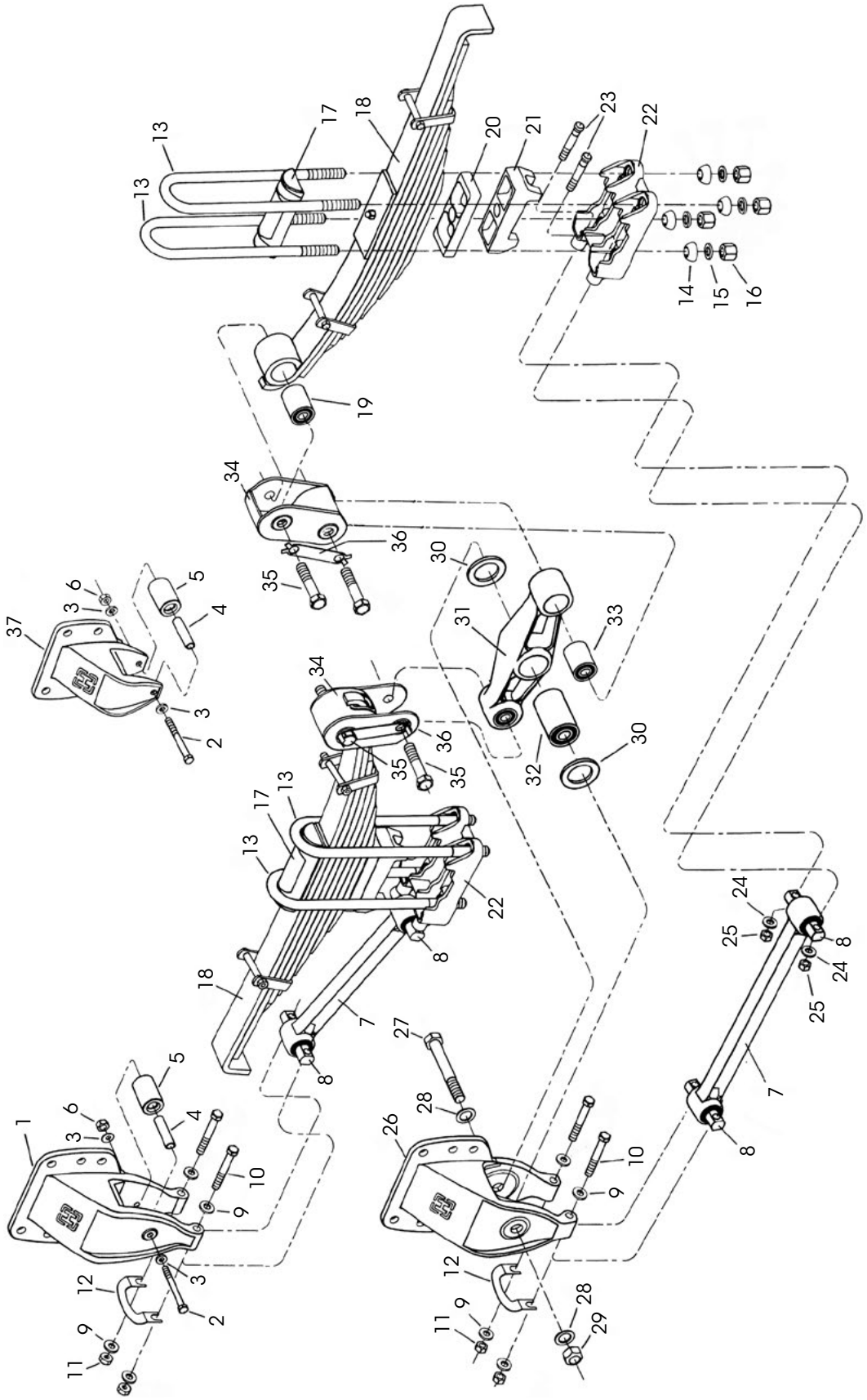
■ Obsolete January 1989



KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	47432-002	*Front Spring Hanger (Casting No. 47431-000)	2
2	48530-004	*Rear Spring Hanger (Casting No. 48991-000) *Replaces 47436-003*	2
3	56833-004	*Center Spring Hanger (Casting No. 47433-000) *Replaces 47434-002*	2
4	47444-001	*Equalizing Beam Assembly, Includes Key Nos. 5-6 (Casting No. 47437-000)	2
5	47420-000	Center Bushing	2
6	47421-000	End Bushing & Spring Eye Bushing	8
7	08017-000	1" Center Bushing Locknut	2
8	30550-035	1" Center Bushing Bolt, *Replaces 30550-033*	2
9	22962-006	1" Hardened Flat Washer	4
10	47416-000	Thrust Washer	4
		*Shackle Bracket	
11	47440-000	LF/RHR, (Casting No. 47439-000)	2
12	47442-000	RHF/LHR (Casting No. 47441-000)	2
13	48728-000	⅞"-9 UNC Shackle Bolt	8
14	47459-000	Shackle Bolt Retainer	4
15	48158-001	Front Torque Rod - Shim Type Adjustable *Replaces 47401-001*	2
16	48158-002	*Rear Torque Rod - Shim Type Adjustable *Replaces 47401-002*	2
a	47691-000L	Torque Rod Bushing - Bar Pin Type	4
b	47692-000L	Torque Rod Bushing - Thru-Bolt Type	4
17	49689-000L	Shim, *Replaces 47457-000*	As Req.
18	30418-009	⅞"-14 UNF Torque Rod Mounting Bolt (Axle)	4
19	29248-000	⅞"-14 UNF Torque Rod Mounting Locknut (Axle)	4
20	22962-002L	⅞" Torque Rod Mounting Washer (Axle)	8
21	32043-005	⅝"-11 UNC Torque Rod Mounting Bolt (Hanger) *Replaces 30587-017*	8
22	30585-000	⅝"-11 UNC Torque Rod Mounting Nut (Hanger)	8
23	22962-004	⅝" Torque Rod Mounting Washer (Hanger)	16
24		*Spring Seat	4
	47973-000	Casting No. 47961-000, *Replaces 47716-000*	
	47974-000	Casting No. 47962-000, *Replaces 47718-000*	
25		*Wedge	As Req.
	47731-000	No Tab	
	48053-000	2 Tab	
	48054-000	3 Tab	
	48055-000	4 Tab	
26		*Bottom Cap	4
	48252-000	*Replaces 47450-005 & 47965-000*	
	48254-000	*Replaces 47451-000, 47452-000, 47453-000, 47454-000, 47963-000, 47964-000, 47966-000, 48255-000, & 48096-000*	
27		Spring	4
	50863-000	34K Capacity, *Replaces 47474-000*	
	50865-000	38K Capacity, *Replaces 47475-000*	
28	24531-014	½"-13 UNC x 5" Rebound Bolt	4
29	57988-000	Rebound Bolt Spacer, *Replaces 47458-000*	4
30	49846-000	½"-13 UNC Rebound Bolt Nut, *Replaces 46578-000*	4
31	22962-014	½" Rebound Bolt Washer	8
32		⅞" U-bolt	8
	47417-001	16¼"	
	47417-003	17½"	
33	50765-000	⅞"-14 UNF U-Bolt Locknut, *Replaces 23899-000*	16
34	22962-002	⅞" Hardened Washer	16
35	48797-000	Top Pad, *Replaces 47446-000*	4

NOTE: * No longer available. Contact Hendrickson to upgrade to a conversion.

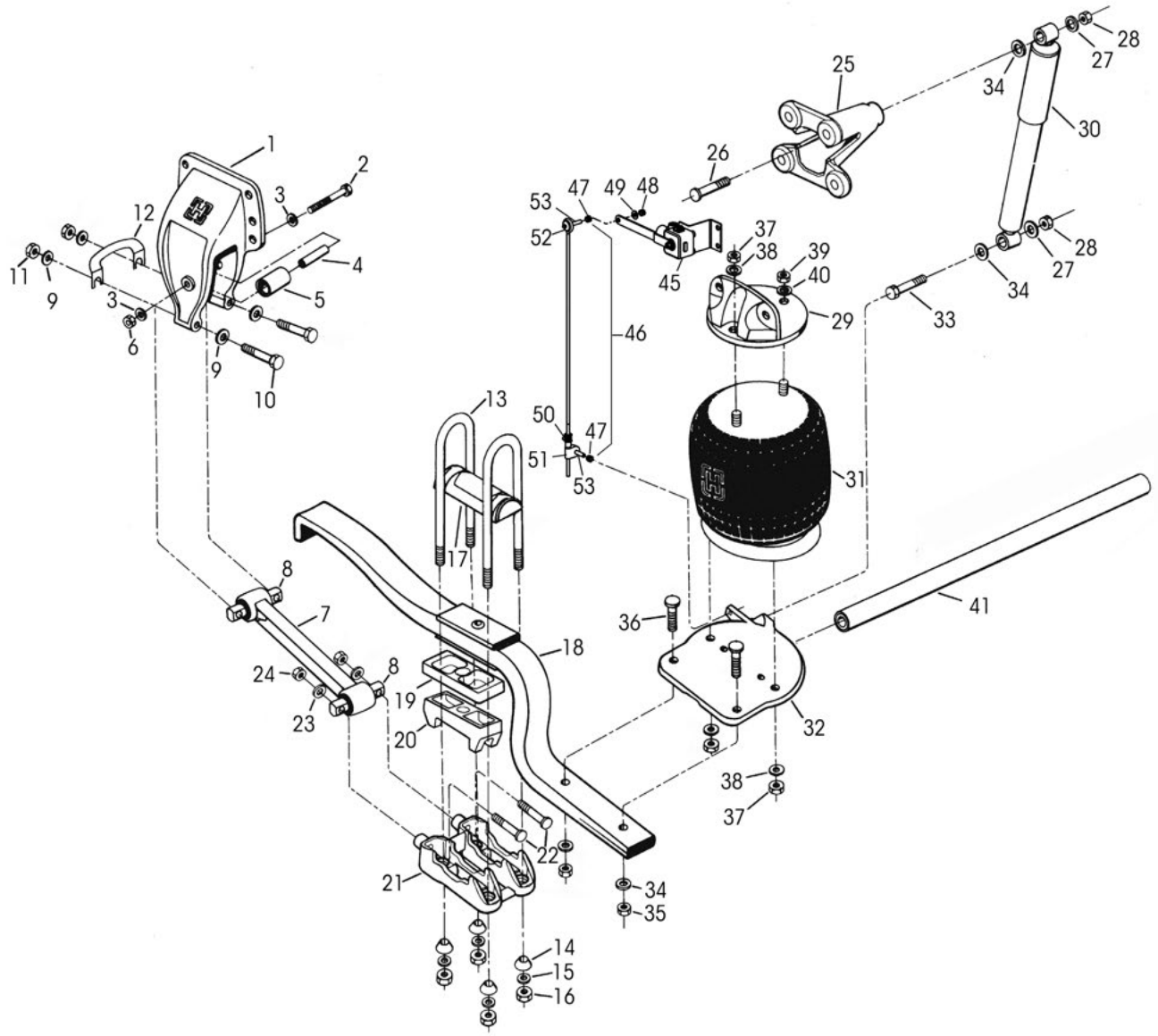
■ **Obsolete June 1996**



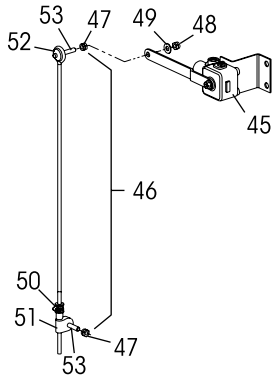
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Front Spring Hanger	2
		Casting No. 56829-001	
	56830-002	For International, *Replaces 48533-002*	
	56830-003	For Kenworth, *Replaces 48533-003*	
	56830-012	*For Manning Ford	
	56886-002	*Casting No. 56885-00X	
		For Mack, *Replaces 48533-006*	
	56673-001	*Casting Nos. 56672-001, 47431-000, 47432-001, 48442-, 48533-001, 48533-002, 48533-003, 48533-004, 48533-005, 48533-006, 49047-000, 49050-001, 49723-000, 49726-001	
	49175-013	**Rebound Roller Kit, Axle Set,** Includes Key Nos. 2-6, *Replaces 49175-005*	
2	24531-015	½"-13 UNC x 5½" Rebound Bolt	4
3	22962-014	½" Hardened Flat Washer	8
4	57988-000	Rebound Bolt Spacer, *Replaces 47458-000*	4
5	57989-000	Rebound Roller, *Replaces 48883-000*	4
6	49846-000	½"-13 UNC Rebound Bolt Nut	4
7		Torque Rod Assembly - Shim Type Adjustable	
	48411-001	15.83" Front	2
	48411-002	*21.93" Rear	2
8	47691-000L	Torque Rod Bushing	8
	49176-001L	**Torque Rod Fastener Kit, Axle Set,** Includes Key Nos. 9-11	
9	22962-004	⅝" Hardened Flat Washer	16
10	32043-005	⅝"-11 UNC Torque Rod Bolt	8
11	47764-000	⅝"-11 UNC Torque Rod Nut	8
12	49689-000L	Torque Rod Shim	As Req.
13	47417-XXX	*U-bolt, Specify Length	8
14	48574-000	Spherical Washer	16
15	22962-002	⅞" Hardened Flat Washer	16
16	50765-000	⅞"-14 UNF U-Bolt Locknut, *Replaces 23899-000*	16
17		Top Pad	4
	48797-000	Separate From Spring	
	50788-000	Part of Spring	
18		Spring Assembly	4
	50863-000	36K with Top Pad, *Replaces 47474-000*	
	50865-000	40K with Top Pad, *Replaces 48400-000*	
19	47421-000	Spring Eye Bushing	4
20		Spacer	
	48902-000	1"	
	48903-000	1½"	
21		Front Spring Seat	2
	56509-001	*2.25° Pinion Angle, Casting No. 48657 *Replaces 49121-000*	
	50518-000	*3.25° Pinion Angle, Casting No. 48692 or 49122	
	49123-000	4° Pinion Angle, Casting No. 48630	
	56501-007	5° Pinion Angle, Casting No. 56500-000, *Replaces 49158-000 Casting 49157*	
		Rear Spring Seat	2
	56501-007	5° Pinion Angle, Casting No. 56500 *Replaces 49158-000 Casting No. 49157*	
	49124-000	*6.5° Pinion Angle, Casting No. 49143	
	49125-000	*9.5° Pinion Angle, Casting No. 48656,	
	56513-006	*10.5° Pinion Angle, Casting No. 48658, *Replaces 49126-000*	
	56505-009	12° Pinion Angle, Casting No. 56504 *Replaces 49127-000 Casting No. 48643*	
22		Axle Bottom Cap, Includes Key Nos. 23-25 (Rockwell SL, SQ-100, RT 34-145, RT 40-145, Eaton D341, D402)	
		0-9° Pinion Angle, Casting No. 48810-000	
	49064-000	LHF/RHR	1 Each
	49134-000	*RHF (Casting No. 48811-000)	1
	49135-000	*LHR (Casting No. 48812-000)	1
		9.5-13° Pinion Angle	
	56857-000	LHR (Casting No. 56855-000) *Replaces 49138-000*	1
	56854-000	RHR (Casting No. 56852-000) *Replaces 49139-000*	1
23	49063-000	⅝"-11 UNC x 3⅞" Axle Cap Bolt	8
24	22962-004	⅝" Hardened Flat Washer	8
25	47764-000	⅝"-11 UNC Axle Cap Nut	8
26		Center Spring Hanger	2
	56833-003	Casting No. 56832-000, *Replaces 47434-002, Casting Nos. 47433, 50642, 56926*	
	49839-XXX	*Casting Nos. 48428-000, 50640-000, 56926-000 - Specify Customer	
27	30550-035	1" Center Bushing Bolt	2
28	22962-006	1" Hardened Flat Washer	4
29	08017-000	1" Center Bushing Locknut	2
30	47416-000	Thrust Washer	4
31	47444-001	Equalizing Beam Assembly, Includes Key Nos. 33-34 (Casting No. 47437-000) 36K • 40K, *Replaces 47444-004*	2
32	47420-000	Center Bushing, *Replaces 48402-000*	2
33	47421-000	End Bushing, *Replaces 48401-000*	4
34		*Shackle Bracket	
	47440-000	LHF/RHR (Casting No. 47439)	2
	47442-000	RHF/LHR (Casting No. 47441)	2
35	48728-000	⅞"-9 UNC Shackle Bolt	8
36	47459-000	Shackle Bolt Retainer	4
37		Rear Spring Hanger	2
		Casting No. 48529-000	
	48530-004	*Replaces 47436-003 Casting No. 48991*	
	48530-XXX	Specify Customer	

NOTE: * No longer available. Contact Hendrickson to upgrade to a conversion.

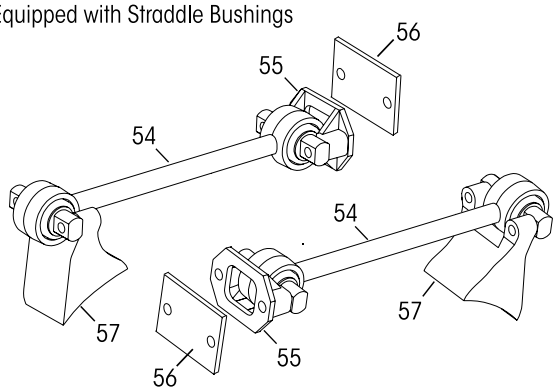
■ **Obsolete August 1995**



Height Control Valve Part No. 57977-000
and Linkage Assembly Part No. 58994-0XX



Transverse Torque Rod
Equipped with Straddle Bushings



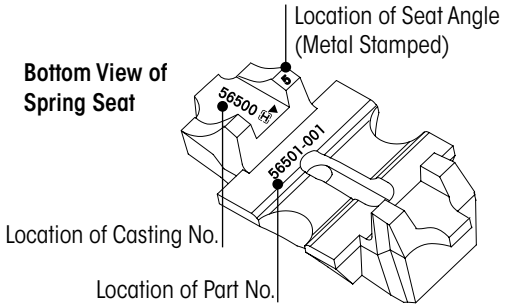
KEY NO.	PART NO.	DESCRIPTION	VEHICLE *QTY.
1		Front Spring Hanger	4
	56673-001	**Casting Nos. 56672-001, 49723-000 *Replaces Part No. 49726-001, 49047-000*	
	56830-XXXX	Casting No. 56829-001 (Specify Customer) *Replaces Casting No. 48442-000* *Replaces Part No. 48533-000*	
	49175-013	**Rebound Roller Kit, Axle Set,** Includes Key Nos. 2-6	
2	24531-015	½"-13 UNC x 5½" Rebound Bolt	4
3	22962-014	½" Hardened Flat Washer	8
4	57988-000	Rebound Bolt Spacer	4
5	57989-000	Rebound Roller	4
6	49846-000	½"-13 UNC Rebound Bolt Nut	4
7		Torque Rod Assembly - Shim Type Adjustable	4
		HA 36K • 40K	
	48411-001	15.83"	
	48411-003	16.5"	
		HA 46K	
	62009-400	15.75", *Replaces 50376-002, 32271-098*	
	62005-420	16.54", *Replaces 50376-003, 32271-099*	
8		Torque Rod Bushing	8
	47691-000L	36K • 40K - 62009 and 62005 Series	
	44695-000L	46K - 32271 Series	
	57256-000L	46K - 50376 Series	
	49176-001L	**Torque Rod Fastener Kit, Axle Set,** Includes Key Nos. 9-11	
9	22962-004	⅝" Hardened Flat Washer	16
10	32043-005	⅝"-11 UNC Torque Rod Bolt	8
11	47764-000	⅝"-11 UNC Torque Rod Nut	8
12	49689-000L	Torque Rod Shim	As Req.
	48718-XXX	U-bolt Assembly, Includes Key Nos. 13-16	
13	47417-XXX	U-bolt, Specify Length	8
14	48574-000	Spherical Washer	16
15	22962-002	⅞" Hardened Flat Washer	16
16	50765-000	⅞"-14 UNF U-Bolt Locknut *Replaces 23899-000*	16
17	49337-000	**Top Pad, *Replaces 48797-000*	4
18		Main Support Member	4
	48112-001	36K (1⅝")	
	56871-001	40K (1⅞") *Replaces 48874-001*	
	48645-001	46K (2⅜") *Replaces 48645-000*	
19		Spacer	As Req.
	48902-000	1"	
	48903-000	1½"	
20		Spring Seat, *See Table on Page 12*	
21		Axle Bottom Cap, *See Table on Page 13* Includes Key Nos. 22-24	1
22	49063-000	⅝"-11 UNC x 3⅞" Axle Cap Bolt	8
23	22962-004	⅝" Hardened Flat Washer	8
24	47764-000	⅝"-11 UNC Axle Cap Nut	8
25	48924-000	Shock Frame Hanger, Casting No. 48906-000 Includes Key Nos. 26-28	4
26	50368-000	½"-13 UNC Shock Bolt, *Replaces 48752-000*	4
27	22962-031	½" Hardened Flat Washer	8
28	49846-000	½"-13 UNC Shock Nut, *Replaces 49140-000*	8
29	50804-002	Air Spring Frame Hanger, Casting No. 57455-000 *Replaces Casting No. 48152-000,* *Part No. 57456-000, 48159-000, 50804-001*	4
30		Shock Absorber	4
	60670-003L	Ford, *Replaces 47902-013*	
	60670-001L	Mack, *Replaces 47902-009*	
	60670-003L	All Others, *Replaces 47902-008*	
31		Air Spring	4
	50405-002L	Ford, *Replaces 50405-001*	
	49674-002	**Mack	
	49048-002L	All Others, *Replaces 49207-000 and 49048-000*	
32		Air Spring Bracket Assembly, Includes Key Nos. 33-36	
	48908-001	Left Hand (Casting No. 48836-001)	2
	48908-002	Right Hand (Casting No. 48836-002)	2
33	50368-000	Shock Bolt, *Replaces 48752-000*	4
34	22962-001	¾" Hardened Flat Washer	16
35	49842-000	¾"-10 UNC Main Support Member Nut *Replaces 49140-000*	8
36	50369-000	¾"-10 UNC Main Support Member Bolt *Replaces 48829-000*	8
	49177-001	**Air Spring Fastener Kit, Axle Set,** Includes Key Nos. 37-40	
37	17700-010	½" Nut	12
38	22962-014	½" Hardened Flat Washer	12
39	17700-031	¾" Nut	4
40	22962-001	¾" Hardened Flat Washer	4
41	44642-022	Cross Tube	2
	48689-001	**Quick Release Kit,** Includes Key Nos. 42-43	
42	66029-000	***Air Dump Switch (Located In Cab) *Replaces Part No. 48914-000*	1
43	48940-000	***Air Switch Name Plate, (Located In Cab)	1
44	30272-000	***Pressure Protection Valve	1
45	57977-000	Height Control Valve *Replaces 50433-001/002, 49193-001*	1
46	58994-0XX	Linkage Rod, Specify Length, Includes Key Nos. 47-53, *Replaces 58400-, 22107-*	1
47		****5/16"-18 UNC Jam Nut	2
48		****5/16"-18 UNC Locknut	2
49		****5/16" Hardened Washer	2
50		****Valve Arm Clamp	1
51		****Adj. Valve Arm Joint	1
52		****Rubber Grommet	1
53		****Valve Arm Joint	2
54		Transverse Torque Rod Assembly	2
	60218-000	36K • 40K, *Replaces 52271-000*	
	60215-000	46K, *Replaces 50234-000a*	
55	22186-000	Torque Rod Frame Bracket	2
56	45045-003	Back Up Plate	2
57		Torque Rod Axle Bracket	2

NOTES: * Quantities specified are shown for tandem suspension.

** No longer available. Contact Hendrickson to upgrade to a conversion.

*** See Plumbing Diagram on Page 13.

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



*ALL HA 46K SPRING SEATS

NOTE: All HA 46K spring seats are no longer available. Contact Hendrickson to convert to upgrade to a conversion.

Key No. 20

**HA 36K • 40K SPRING SEATS SELECTION GUIDE

	LEFT		RIGHT		
FRONT	**Eaton** D341,D402, D404,D405 **Rockwell** RT40-145, SQ100		**Eaton** D404, D405 **Rockwell** RT40-145	**Eaton** D461, D402 **Rockwell** SQ100	
CASTING NO.	56500-000		56500-000	*56502-000	
SEAT ANGLE	**PART NO.**	**NO.REQ.**	**PART NO.**	**PART NO.**	**NO.REQ.**
2°	56501-001	1	56501-001	*56503-001	1
2½°	56501-002	1	56501-002	*56503-002	1
3°	56501-003	1	56501-003	*56503-003	1
3½°	56501-004	1	56501-004	*56503-004	1
4°	56501-005	1	56501-005	*56503-005	1
4½°	56501-006	1	56501-006	*56503-006	1
5°	56501-007	1	56501-007	*56503-007	1
5½°	56501-008	1	56501-008	*56503-008	1
6°	56501-009	1	56501-009	*56503-009	1
6½°	56501-010	1	56501-010	*56503-010	1
7°	56501-011	1	56501-011	*56503-011	1

	LEFT			RIGHT	
REAR	**Eaton** D404, D405 **Rockwell** RT40-145	**Eaton** D341, D402 **Rockwell** SQ100		**Eaton** D341, D402, D404, D405 **Rockwell** RT40-145, SQ100	
CASTING NO.	56504-000	*56506-000		56500-000	
SEAT ANGLE	**PART NO.**	**PART NO.**	**NO.REQ.**	**PART NO.**	**NO.REQ.**
5°	56505-011	*56507-011	1	56501-011	1
6½°	56505-012	*56507-012	1	56501-012	1
7½°	56505-018	*56507-016	1	56501-018	1
8°	56505-001	*56507-001	1	56501-001	1
8½°	56505-002	*56507-002	1	56501-002	1
9°	56505-003	*56507-003	1	56501-003	1
9½°	56505-004	*56507-004	1	56501-004	1
10°	56505-005	*56507-005	1	56501-005	1
10½°	56505-006	*56507-006	1	56501-006	1
11°	56505-007	*56507-007	1	56501-007	1
11½°	56505-008	*56507-008	1	56501-008	1
12°	56505-009	*56507-009	1	56501-009	1
12½°	56505-010	*56507-010	1	56501-010	1
13½°	56505-015		1	56501-015	1

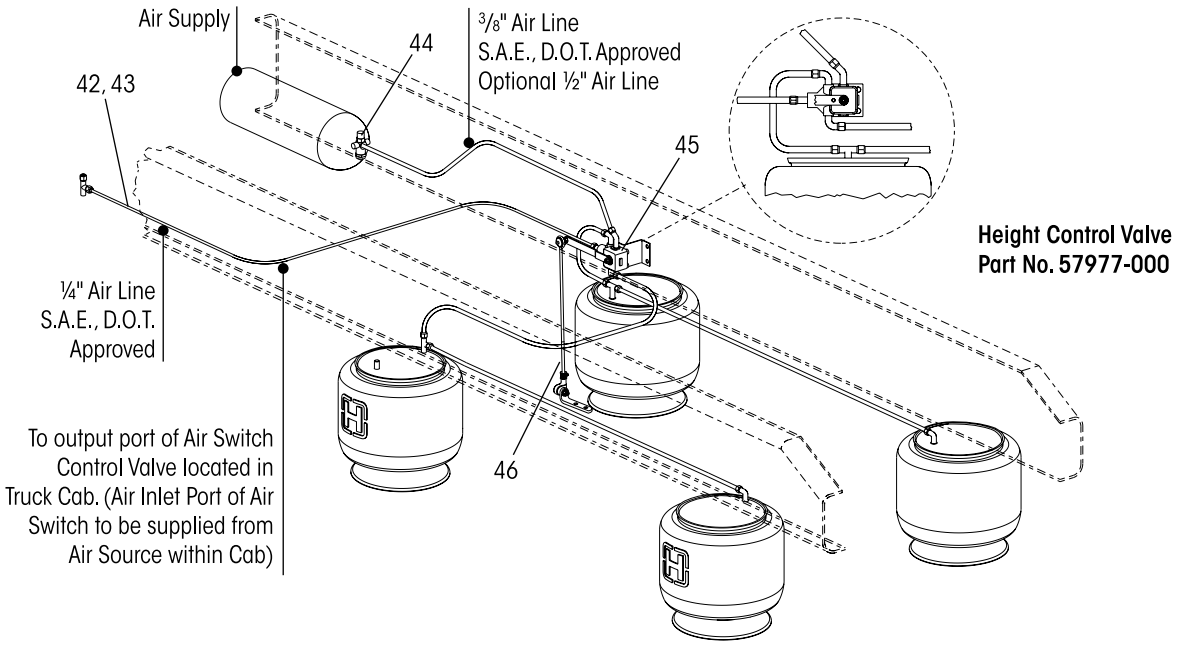
* No longer available. Contact Hendrickson to upgrade to a conversion.

** Four (4) spring seats required per tandem suspension

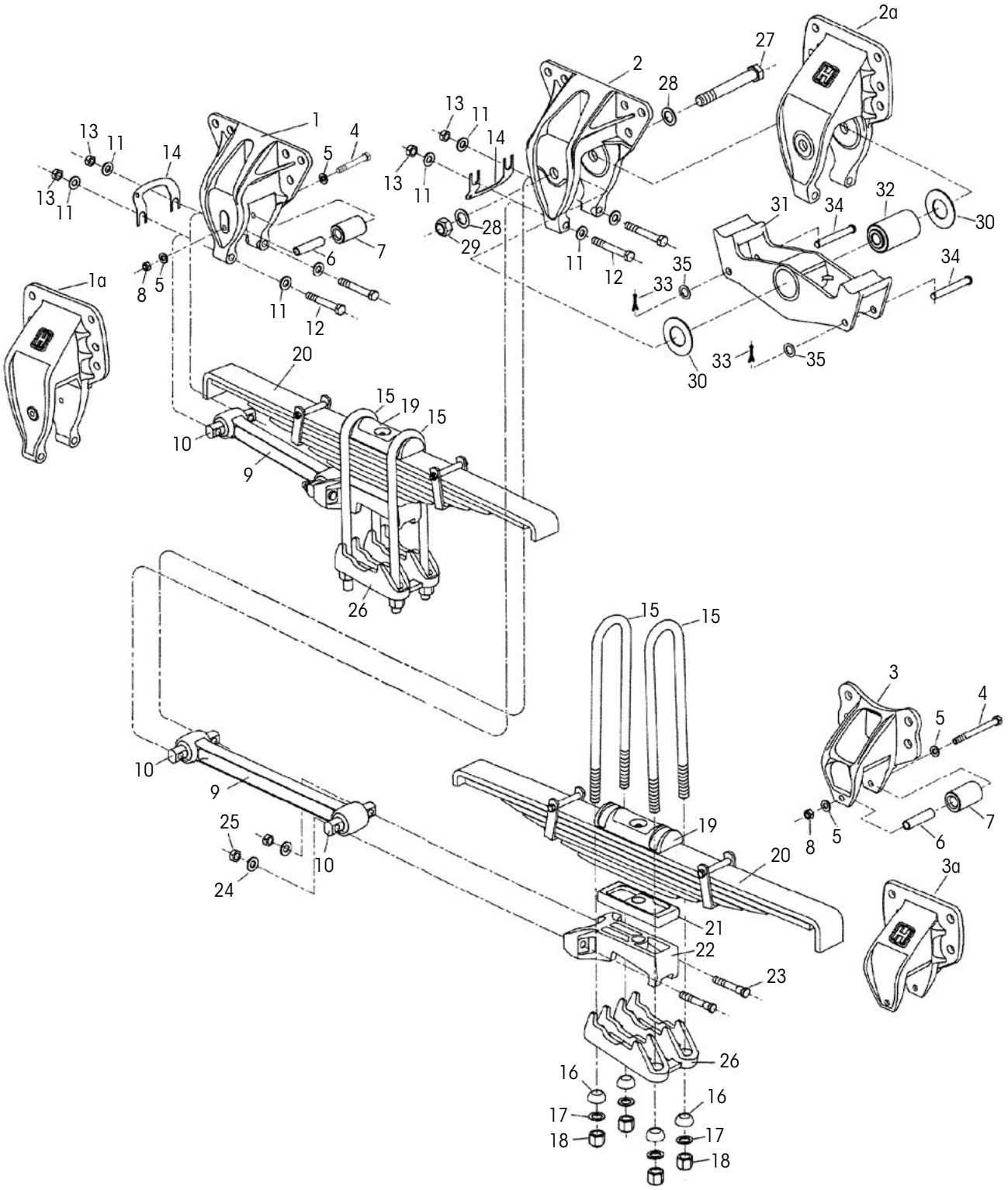
Key No. 21	HA 36K • 40K • 46K AXLE BOTTOM CAP SELECTION GUIDE					
	LEFT			RIGHT		
FRONT	**Rockwell** SL, SQ-100, RT 34-145, RT 40-145, RT 46-160, SSHD **Eaton** D341, D402, D461	**Rockwell** SL, SQ-100, RT 34-145, RT 40-145 **Eaton** D341, D402	**Rockwell** SL, SQ-100, RT 34-145, RT 40-145 **Eaton** D341, D402	**Eaton** D461	**Rockwell** SL, SQ-100, RT 34-145, RT 40-145, SSHD **Eaton** D341, D402	**Rockwell** SL, SQ-100, RT 34-145, RT 40-145 **Eaton** D341, D402
CASTING NO.	48810-000	48812-000	56855-000	48810-000	48811-000	56852-000
PINION ANGLE	**PART NO.**	**PART NO.**	**PART NO.**	**PART NO.**	**PART NO.**	**PART NO.**
0-5°	48390-000			48391-000		
0-9°	49064-000	*49135-000			*49134-000	
0-9½°	49064-000				*49659-000	
9½-13°			56857-000			56854-000
	LEFT			RIGHT		
REAR	**Rockwell** RT 46-160 **Eaton** D461	**Rockwell** SSHD	**Eaton** D461	**Rockwell** SSHD	**Rockwell** SL, SQ-100, RT 34-145, RT 40-145, RT 46-160, SSHD **Eaton** D341, D402, D461	**Rockwell** RT 46-160, SSHD **Eaton** D461
CASTING NO.	48810-000	48812-000	56852-000	56855-000	48810-000	56852-000
PINION ANGLE	**PART NO.**	**PART NO.**	**PART NO.**	**PART NO.**	**PART NO.**	**PART NO.**
0-5°	50367-000				48390-000	
0-9°					49064-000	
0-9½°		*49660-000			49064-000	
6½-12°			56944-000			57219-000
10-12°				56945-000		56854-000

* No longer available. Contact Hendrickson to upgrade to a conversion.

■ HA 36K • 40K • 46K PLUMBING DIAGRAM



■ **Obsolete 2004**

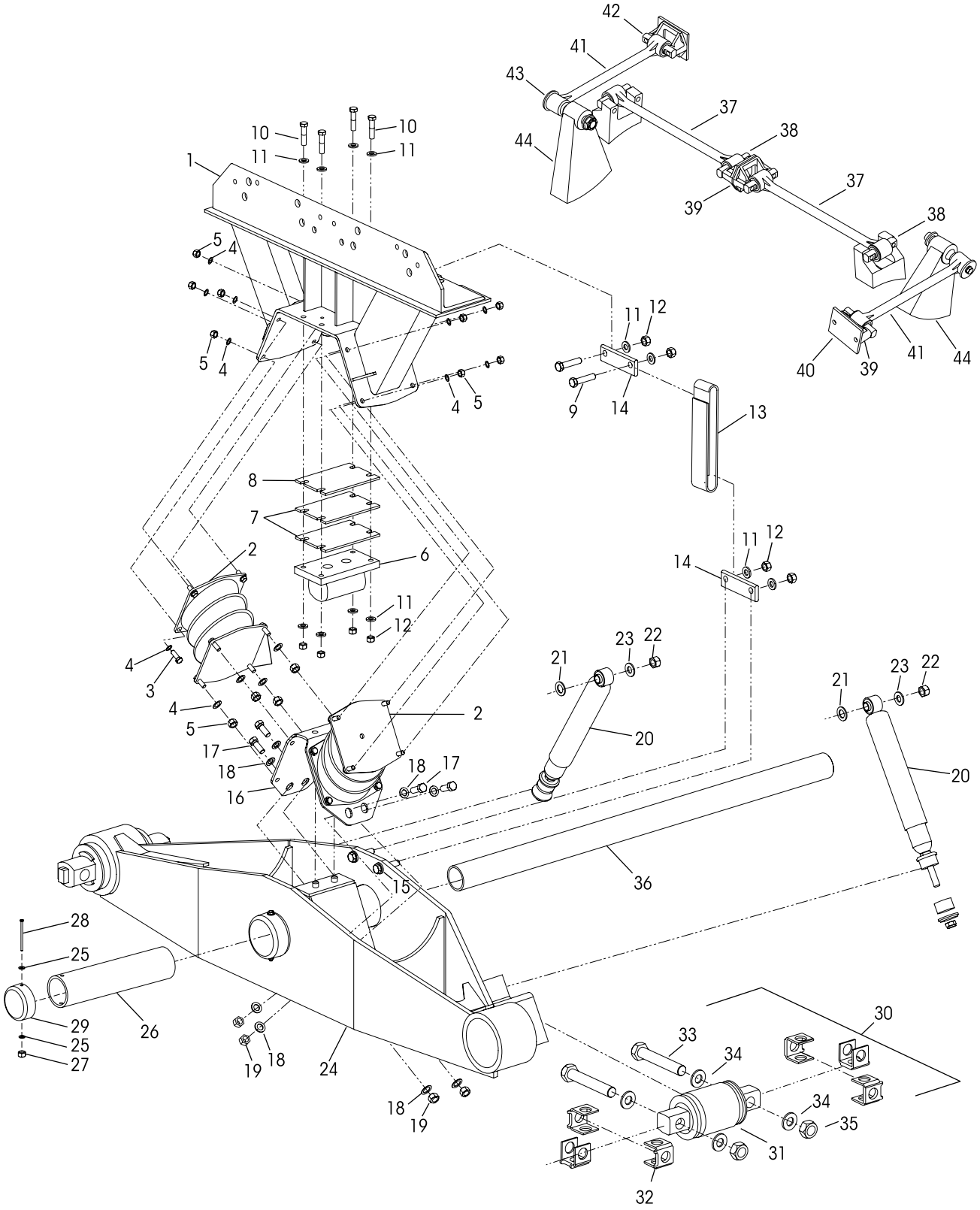


KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Front Spring Hanger	2
	56667-001	*Casting No. 56666-000, 49848-000, *Replaces 50027-001* - HFS 36K	
	56670-001	Casting No. 56669-000, 50291-000, *Replaces 50292-001* - HFS 40K • 40K LH	
a	56673-001	*Casting No. 56672-000	2
	56830-XXX	Casting No. 56829-000 (Specify Customer)	
2		Center Spring Hanger	2
	56676-001	Casting No. 56675-000, 50289-000, *Replaces 50290-001*	
a	56927-004	*Casting No. 56832-000, *Replaces 56833-003*	2
	56927-XXX	*Casting No. 56926-000, Specify Customer	
3		Rear Spring Hanger	2
	50028-001	Casting No. 49954-001, *Replaces 49954-000*	
a	48530-004	*Casting No. 48991-000, *Replaces 47436-003*	
	48530-XXX	Casting No. 48529-000, Specify Customer	
	49175-013	**Rebound Roller Kit**, Includes Key Nos. 4-8 *Replaces 49175-005*	1
4	24531-015	½"-13 UNC Rebound Bolt	4
5	22962-014	½" Hardened Flat Washer	8
6	57988-000	Rebound Bolt Spacer, *Replaces 47458-000*	4
7	57989-000	Rebound Roller, *Replaces 48883-000*	4
8	49846-000	½"-13 UNC Rebound Bolt Nut, *Replaces 46578-000*	4
9		Shim Type Adjustable Torque Rod Assembly	
	48411-006	14.41" Front	
	62011-515	20.31" Rear, *Replaces 48411-007*	
10	47691-000L	Torque Rod Bushing	8
	49176-001L	**Torque Rod Fastener Kit,** Includes Key Nos. 11-13	1
11	22962-004	⅝" Hardened Flat Washer	16
12	32043-005	⅝" -11 UNC x 4½" Torque Rod Bolt	8
13	47764-000	⅝" -11 UNC Torque Rod Nut	8
14	49689-000	Torque Rod Shim	As Req.
15		U-bolt (Specify Length)	8
	49684-XXX	¾" - HFS 40K LH	
	47417-XXX	⅞" - HFS 36K • 40K	
16		Spherical Washer	16
	49947-000	¾" - HFS 40K LH	
	48574-000	⅞" - HFS 36K • 40K	
17		Hardened Flat Washer	16
	22962-001	¾" - HFS 40K LH	
	22962-002	⅞" - HFS 36K • 40K	
18		U-bolt Locknut	16
	49685-000	¾" - HFS 40K LH	
	50765-000	⅞" - HFS 36K • 40K	
19	50788-000	Top Pad, Included with Key No. 20	4
20		Spring Assembly	4

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
	50795-000	HFS 36K • 40K LH	
	50796-000	HFS 40K	
21		Spacer	As Req.
	48902-000	1"	
	48903-000	1½"	
22		*Spring Seat Includes Key Nos. 23-25 (Rockwell SL, SQ-100, RT34-145, RT40-145, Eaton D341, D402)	4
		*Casting No. 50567-000	
	50569-001	2¼° Pinion Angle	
	50569-004	3¼° Pinion Angle	
	50569-007	4° Pinion Angle	
	50569-010	5° Pinion Angle	
		*Casting No. 50573-000	
	50575-001	9½° Pinion Angle	
	50575-004	10½° Pinion Angle	
	50575-009	12° Pinion Angle	
23	49063-000	⅝"-11 UNC Spring Seat Bolt	8
24	22962-004	⅝" Hardened Flat Washer	8
25	47764-000	⅝"-11 UNC Axle Cap Nut	8
26		Axle Bottom Cap (Rockwell RT34-145, RT40-145)	4
	93302-XXX	LHF/RHF/LHR/RHR 0-9½° Pinion Angle, *Replaces 50216-XXX*	
	93315-XXX	LHR/RHR 10-12½° Pinion Angle, *Replaces 50222-XXX*	
		(Rockwell SL-100, SQ-100, Eaton D341, D402)	
	93302-XXX	LHF/RHR 0-9½° Pinion Angle, *Replaces 50216-XXX*	
	50217-XXX	RHF 0-9½° Pinion Angle	
	93315-XXX	LHR 0-9½° Pinion Angle, *Replaces 50218-000, 50222-XXX*	
		RHR 10-12½° Pinion Angle	
	93315-XXX	*LHR 10-12½° Pinion Angle, *Replaces 50221-000, 50222-XXX*	
27	30550-035	1" Center Bushing Bolt	2
28	22962-006	1" Hardened Flat Washer	4
29	08017-000	1" Center Bushing Nut	2
30	47416-000	Thrust Washer	4
31	49803-002	Equalizing Beam Assembly, Includes Key Nos. 32-35, Casting No. 49801-002, *Replaces 49803-003*	2
32	47420-000	Center Bushing, *Replaces 48402-000*	2
33	17800-013	Cotter Pin	4
34	50432-000	Clevis Pin	4
35	50924-000	⅝" Hardened Washer	4

NOTE: * No longer available. Contact Hendrickson to upgrade to a conversion.

■ Vehicles built BETWEEN March 1996 and September 1997



KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	58223-0XX	*Saddle Assembly, Includes Key Nos. 2-12, 14, 16	2
2	60879-000L	**Bolster Spring Kit, One Set** (2-piece)	2
3	25114-011	7/16"-20 UNF x 1¼" Bolt	32
4	22962-027	7/16" Hardened Washer	64
5	48949-000	7/16"-20 UNF Locknut	32
6	57962-000	Auxiliary Spring Assembly	2
7	57993-002	Auxiliary Spring Shim	4
8	57993-003	Auxiliary Spring Shim	6
9	24531-018	½"-13 UNC x 1¾" Bolt	4
10	24531-019	½"-13 UNC x 2¾" Bolt	8
11	22962-014	½" Hardened Washer	40
12	49846-000	½"-13 UNC Locknut	16
13	57878-003	Rebound Strap	2
14	57787-000	*Anchor Plate	4
15	24531-017	½"-13 UNC x 2¼" Bolt	4
16	57461-000	Saddle Vee Bracket	2
	58440-001	**Vee Bracket Fastener Kit, One Side,** Includes Key Nos. 17-19	
17	50764-006	¾"-10 UNC-2A Hex Head Bolt	8
18	22962-001	¾" Washer	16
19	49842-000	¾"-10 UNC-2B Locknut	8
20	60680-003L	Shock Absorber	4
21	22962-001	¾" Washer	4
22	30585-000	⅝" Upper Shock Locknut	4
23	22962-004	⅝" Upper Shock Washer	4
24	58227-	*Beam Assembly, Specify Length, Includes Key Nos. 11-15, 25-31	2
25	22962-028	¼" Washer	4
26	49972-000	Nylon Bushing	2
27	49983-000	¼"-20 UNC Locknut	2
28	50698-000	¼"-20 UNC x 4½" Bolt	2
29	56910-000	Center End Cap	2
30		**Bar Pin End Bushing Service Kit, One Wheel End,** Includes Key Nos. 31-35	
	34013-088L	Shim Type	
	34013-188L	Rotating, Shim Type	
31		**Bar Pin End Bushing	4
32		Bar Pin Shim	8
	50130-000	0.19" /0.19"	
	50131-000	0.25"/0.12"	
33	48941-000	1"-8 UNC x 6" Hex Bolt	4
34	22962-008	1" Hardened Washer	8
35	48942-000	1"-8 UNC Locknut	4
36	44643-011	Cross Tube	1
37	60218-000	****Two-Piece ULTRA ROD® Longitudinal Torque Rod Straddle/Straddle Kit,** Includes Key No. 38	
38	47691-000L	ULTRA ROD Straddle Bushing	4
39	22186-000	Torque Rod Frame Bracket	4
40	45045-003	Backup Plate	2
41	60215-000	*****Two-Piece ULTRA ROD Transverse Torque Rod Straddle/Taper Kit,** Includes Key No. 42-43	
42	47691-000L	ULTRA ROD Straddle Bushing	2
43	64697-000L	ULTRA ROD Taper Bushing	2
44		***Transverse Rod Axle Bracket	2

NOTES: * No longer available. Contact Hendrickson to upgrade to a conversion.

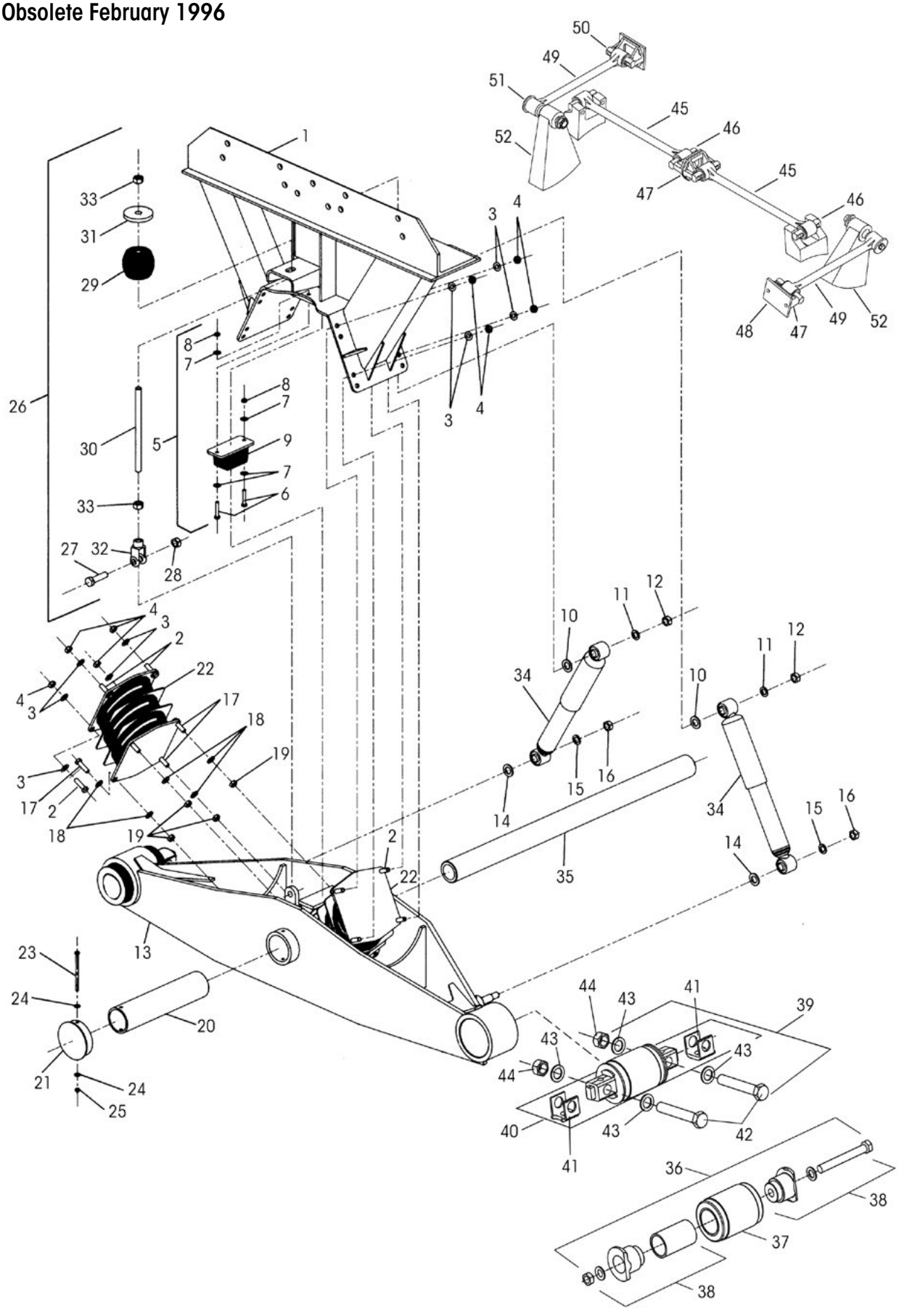
** Item included in kit/assembly only, part not sold separately.

*** 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.

**** Hendrickson's part number is stamped on the rod for identification. Be sure and include suffix number when ordering, this number indicates rod length. The Hendrickson two-piece ULTRA RODS® can be used to create the desired length, see Torque Rod Selection Guide Literature No. 45745-148.

***** Transverse rods are mandatory for HN Suspension regardless of axle spacing. See Literature No. 59310-004 and 59310-058 for more information.

■ **Obsolete February 1996**



KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	50787-0XX	*Saddle Assembly, Includes Key Nos. 2-4, 6-9	2
2	25114-011	7/16" Bolt	16
3	22962-027	7/16" Washer	32
4	48949-000	7/16" Locknut	16
5	49399-000	**Rebound Rubber Stop Kit, One Side,** Includes Key Nos. 6-9	
6	18160-011	5/16" Bolt	4
7	22962-029	5/16" Washer	8
8	48948-000	5/16" Locknut	4
9	49395-000	Rebound Rubber Stop	2
10	22962-001	3/4" Inner Washer	4
11	22962-004	5/8" Outer Washer	4
12	30585-000	5/8" Locknut	4
13	49976-XXX	*Beam Assembly, Specify Length, Includes Key Nos. 17-25, 36 or 39	2
14	22962-001	3/4" Inner Washer	4
15	22962-004	5/8" Outer Washer	4
16	30585-000	5/8" Locknut	4
17	25114-011	7/16" Bolt	16
18	22962-027	7/16" Washer	32
19	48949-000	7/16" Locknut	16
20	49972-000	Nylon Bushing	2
21	56910-000	End Cap	2
22	64718-000L	Bolster Springs (2-piece)	2
23	50698-000	1/4" Bolt	2
24	22962-028	1/4" Washer	4
25	49983-000	1/4" Locknut	2
26	49768-000	**Rebound Control Kit, One Side,** Includes Key Nos. 27-33	
27	32043-004	5/8" Bolt	2
28	47764-000	5/8" Locknut	2
29	48570-000	Rebound Control Spring	2
30	49769-000	Anti-Roll Rod	2
31	49770-000	Threaded Washer	2
32	49771-000	Clevis	2
33	49778-000	5/8" Hex Nut	4
34	60670-002L	Shock Absorber	4
35	44643-011	Cross Tube	1
36		**Thru-Bolt Bushing Kit, One Wheel End,** Includes Key Nos. 37-38	
	34013-049L	HN 40K	
	34013-073L	HN 46K	
37	45900-000L	Bushing	4
38		**Adapter Kit, One Wheel End**	4
	45000-007L	HN 40K	
	21140-034L	HN 46K	
39		**Bar Pin End Bushing Service Kit, One Wheel End,** Includes Key Nos. 40-44	
	34013-088L	Shim Type	
	34013-188L	Rotating, Shim Type	
40		*Bar Pin End Bushing	4
41		Bar Pin Shim	8
	50130-000	0.19"/0.19"	
	50131-000	0.25"/0.12"	
42	48941-000	1"-8 UNC x 6" Hex Bolt	4
43	22962-008	1" Hardened Washer	8
44	48942-000	1"-8 UNC Locknut	4
45	60218-000	****Two-Piece ULTRA ROD® Longitudinal Torque Rod Straddle/Straddle Kit,** Includes Key No. 46	
46	47691-000L	ULTRA ROD Straddle Bushing	4
47	22186-000	Torque Rod Frame Bracket	4
48	45045-003	Backup Plate	2
49	60215-000	*****Two-Piece ULTRA ROD Transverse Torque Rod Straddle/Taper Kit,** Includes Key No. 50-51	
50	47691-000L	ULTRA ROD Straddle Bushing	2
51	64697-000L	ULTRA ROD Taper Bushing	2
52		***Transverse Rod Axle Bracket	2

NOTES: * No longer available. Contact Hendrickson to upgrade to a conversion.

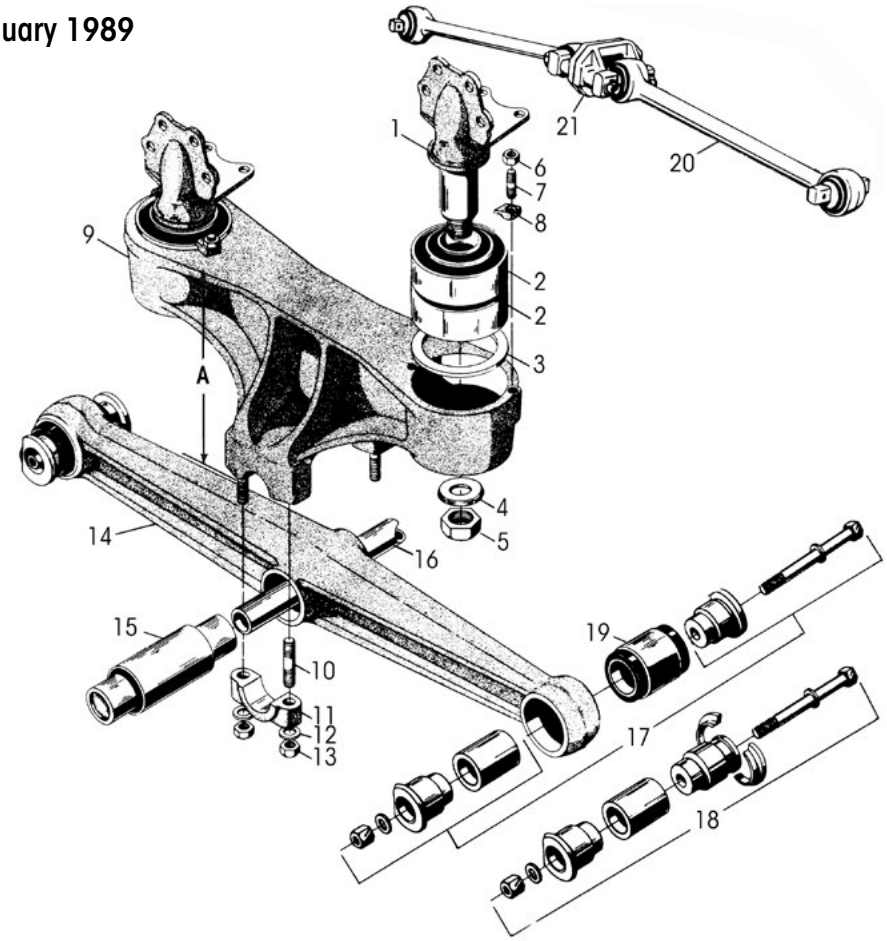
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**** Hendrickson's part number is stamped on the rod for identification. Be sure and include suffix number when ordering, this number indicates rod length. Hendrickson two-piece ULTRA RODS® can be used to create the desired length, see Torque Rod Selection Guide 45745-148.

***** Transverse rods are mandatory for HN Suspensions regardless of axle spacing. See Literature No. 59310-004 and 59310-058 for more information.

■ Obsolete January 1989



KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	23217-013	*Frame Hanger, Undrilled, Includes Key Nos. 4-5 (Casting No. 21283-001)	4
2	15137-000	*Shear Spring	8
3	21278-000	Spacer Ring	4
4	21037-000	*Washer	4
5	25151-000	1½"-12 UNF Locknut	4
6	19114-000	⅝"-18 UNF Locknut	8
7	19111-001	⅝"-18 UNF Stud, *Replaces 19111-005*	8
8	21297-000	*Clamp	8
9		*Saddle Assembly - Dim. A, Includes Key Nos. 2-3, 6-8 & 10-13	2
	18760-003	34K - 12⅞" Height	
	18760-011	34K - 13¾" Height	
	18760-005	38K - 12⅞" Height	
	18760-013	38K - 13¾" Height	
10		⅞"-14 UNF/9 UNC Saddle Cap Stud	8
	09029-000	34K	
	09030-000	38K	
11		Saddle Cap	4
	06662-000	34K	
	58795-000	38K, *Replaces 48545-000, 06612-000*	
12	22962-002	⅞" Hardened Washer	8
13	04842-000	⅞"-14 UNF Saddle Cap Locknut	8

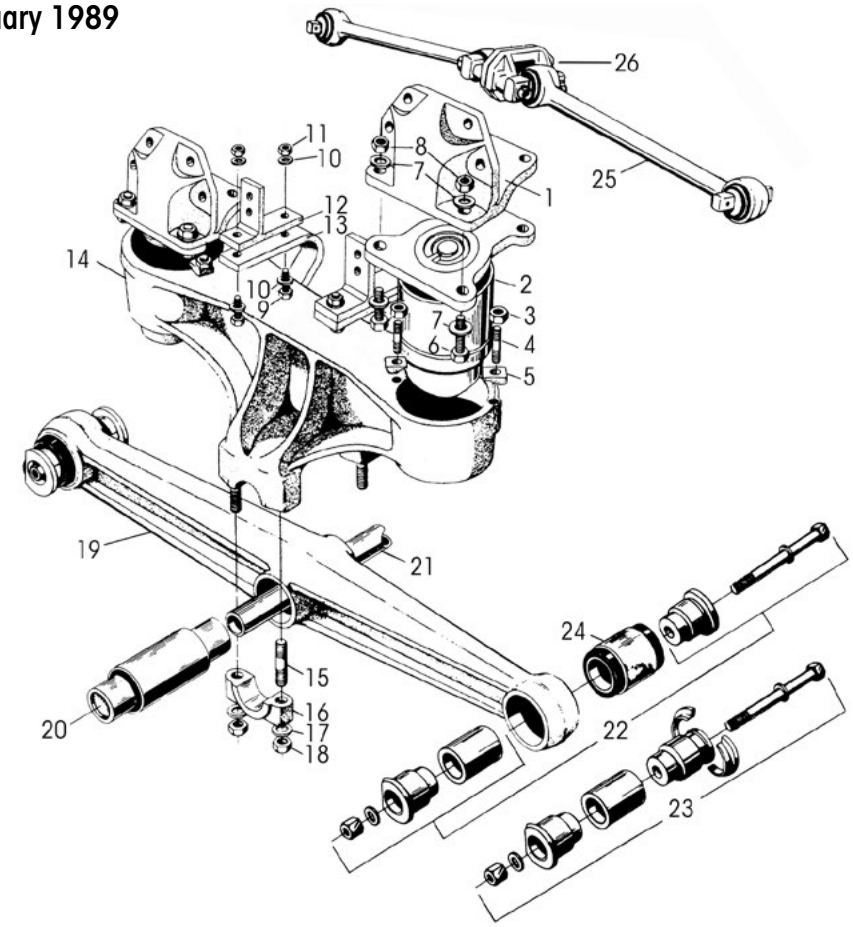
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
14		Equalizing Beam Assembly *See Selection Guide 45745-147*	2
15		Center Bushing	2
	06664-000L	34K - with Welded Plug	
	22279-000L	34K - with Loose Plug	
	05919-000L	38K - with Welded Plug	
	22282-000L	38K - with Loose Plug	
16		Cross Tube – 44⅞" Length	1
	44642-008L	34K	
	44643-009L	38K	
17		**End Bushing Adapter Kit, One Wheel End,**	
	45000-013L	5¼" Length, Includes Key No. 19a	
	45000-007L	5¾" Length, Includes Key No. 19b	
18		**End Bushing Adapter Kit, One Wheel End,** with Split Ring	
	45000-014L	5¼" Length, Includes Key No. 19a	
	45000-008L	5¾" Length, Includes Key No. 19b	
19		End Bushing	4
a	06969-000L	34K - 5¼" Length	
b	45900-000L	34K • 38K - 5¾" Length	
20	60218-000	****Two-Piece ULTRA ROD® Longitudinal Torque Rod Straddle/Straddle Kit,** *Replaces 32271-XXX*	2
21	22186-000	Torque Rod Frame Bracket	2

NOTES: * No longer available. Contact Hendrickson to upgrade to a conversion.

** Hendrickson's part number is stamped on the rod for identification. Be sure and include suffix number when ordering, this number indicates rod length. Hendrickson two-piece ULTRA RODS® can be used to create the desired length, see Torque Rod Selection Guide 45745-148.

See Special Tools on Page 22

■ Obsolete January 1989



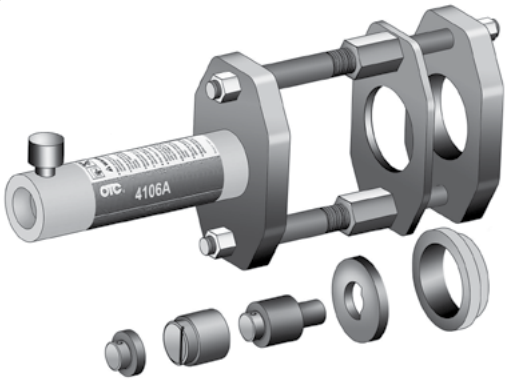
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		*Frame Hanger, Drilled (Casting No. 46205-000)	4
	46202-001	Fits Frame Width 34"	
	46202-002	Fits Frame Width 34.12"	
	46202-003	Fits Frame Width 34.25"	
	46202-004	Fits Frame Width 34.38"	
	46202-005	Fits Frame Width 34.5"	
	46202-006	Fits Frame Width 34.62"	
	46202-007	Fits Frame Width 34.81"	
2		*V4 Visco Elastic Module	4
	47585-075	34K	
	47585-085	38K	
3	19114-000	⅝"-18 UNF Locknut	16
4	19111-001	⅝"-18 UNF Stud	16
5	21297-000	*Clamp	16
6	21867-038	*¾"-16 UNF Hex Bolt	16
7	22962-001	¾" Hardened Washer	32
8	30191-000	¾"-16 UNF Locknut	8
9	30970-007	½"-20 UNF Hex Bolt	8
10	22962-011	½" Hardened Washer	8
11	30978-000	½"-20 UNF Locknut	8
12	46970-002	*Jounce Stop Hanger	4
13	46210-000	*Rebound Stop	4
14		*Saddle Assembly	2
	47680-001	34K - 12⅞" Height	
	47680-002	34K - 13¾" Height	
	47680-005	38K - 12⅞" Height	
	47680-006	38K - 13¾" Height	
15		⅞"-14 UNF/9 UNC Saddle Cap Stud	8
	09029-000	34K	
	09030-000	38K	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
16		Saddle Cap	4
	06662-000	34K	
	58795-000	38K, *Replaces 48545-000, 06612-000*	
17	22962-002	⅞" Hardened Washer	8
18	04842-000	⅞"-14 UNF Locknut	8
19		Equalizing Beam Assembly *See Selection Guide 45745-147*	
20		Center Bushing	2
	06664-000L	34K - with Welded Plug	
	22279-000L	34K - with Loose Plug	
	05919-000L	38K - with Welded Plug	
	22282-000L	38K - with Loose Plug	
21		Cross Tube - 44⅞" Length	1
	44642-008L	34K	
	44643-009L	38K	
22		**End Bushing Adapter Kit, One Wheel End**	
	45000-013L	5¼" Length, Includes Key No. 24a	
	45000-007L	5¾" Length, Includes Key No. 24b	
23		**End Bushing Adapter Kit, One Wheel End,** with Split Ring	
	45000-014L	5¼" Length, Includes Key No. 24a	
	45000-008L	5¾" Length, Includes Key No. 24b	
24		End Bushing	4
a	06969-000L	34K - 5¼" Length	
b	45900-000L	34K • 38K - 5¾" Length	
25	60218-000	****Two-Piece ULTRA ROD® Longitudinal Torque Rod Straddle/Straddle Kit,** *Replaces 32271-XXX*	2
26	22186-000	Torque Rod Frame Bracket	2

QUIK-ALIGN PIVOT BUSHING SERVICE TOOLS

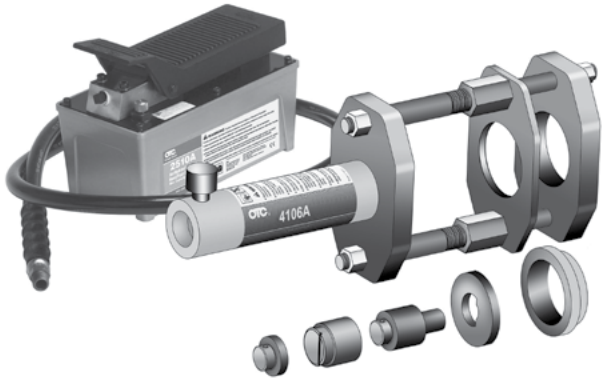
Hendrickson Part No. 66086-202

OTC Part No. 4246 Visit otctools.com



Hendrickson Part No. 66086-204

OTC Part No. 4247 Visit otctools.com



QUIK-ALIGN SOCKET TOOL

Hendrickson Part No. 66086-200

OTC Part No. 1767

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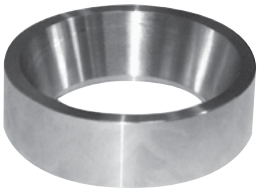


QUIK-ALIGN PIVOT BUSHING SERVICE TOOL

Hendrickson Part No. 66086-203L



TORQUE ROD BUSHING FUNNEL TOOLS



ULTRA ROD – Hendrickson Part No. 66086-001L

ULTRA ROD PLUS – Hendrickson Part No. 66086-000L

BAR PIN STYLE END BUSHING TOOLS

INSTALLATION TOOL

Hendrickson Part No. 66086-103

OTC Part No. 1757
Visit otctools.com

Use with the equalizing beam removed from the truck, and in conjunction with OTC No. 51100 press plate and a 100-ton hydraulic shop press.



REMOVAL TOOLS

Hendrickson Part No. 66086-104

OTC Part No. 206457 Visit otctools.com



Hendrickson Part No. 66086-105

OTC Part No. 302030 Visit otctools.com



ADAPTER STYLE END BUSHING TOOL SET • RUBBER CENTER BUSHING TOOLS

28K-52K lb. Capacity Bushings

Hendrickson Part No. 66086-102

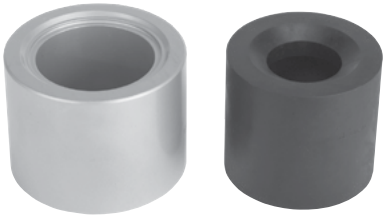
OTC Part No. 1764 Visit otctools.com



40K lb. Capacity Bushings

Hendrickson Part No. 66086-100

OTC Part No. 1746 Visit otctools.com



65K-85K lb. Capacity Bushings

Hendrickson Part No. 66086-101

OTC Part No. 1763 Visit otctools.com



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.

*Call Hendrickson at **1.866.755.5968** (toll-free) or **1.630.910.2800** for additional information.*

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www.hendrickson-intl.com

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SP-179 Rev G 03-21

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