

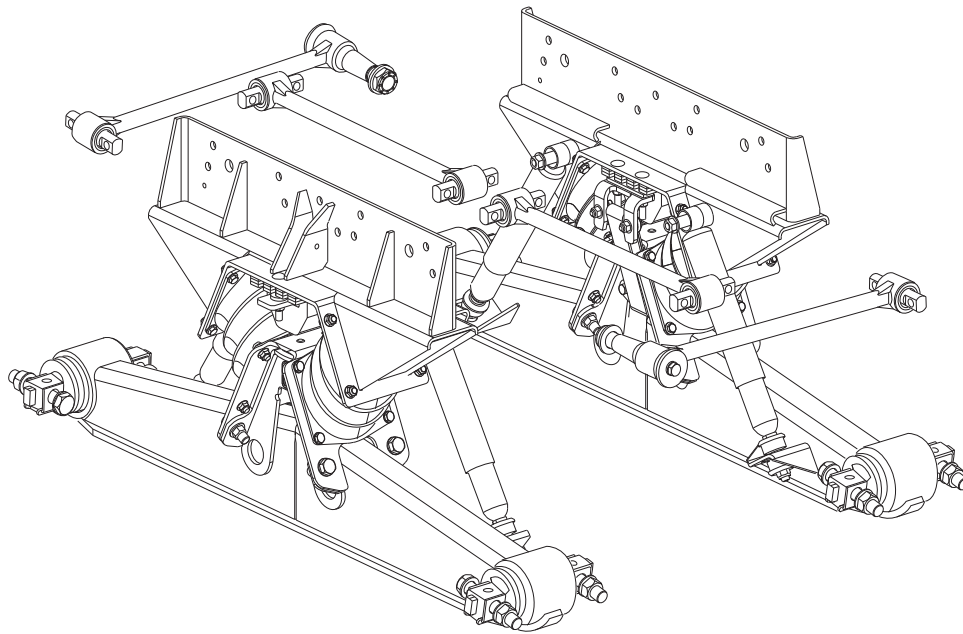
PARTS LIST

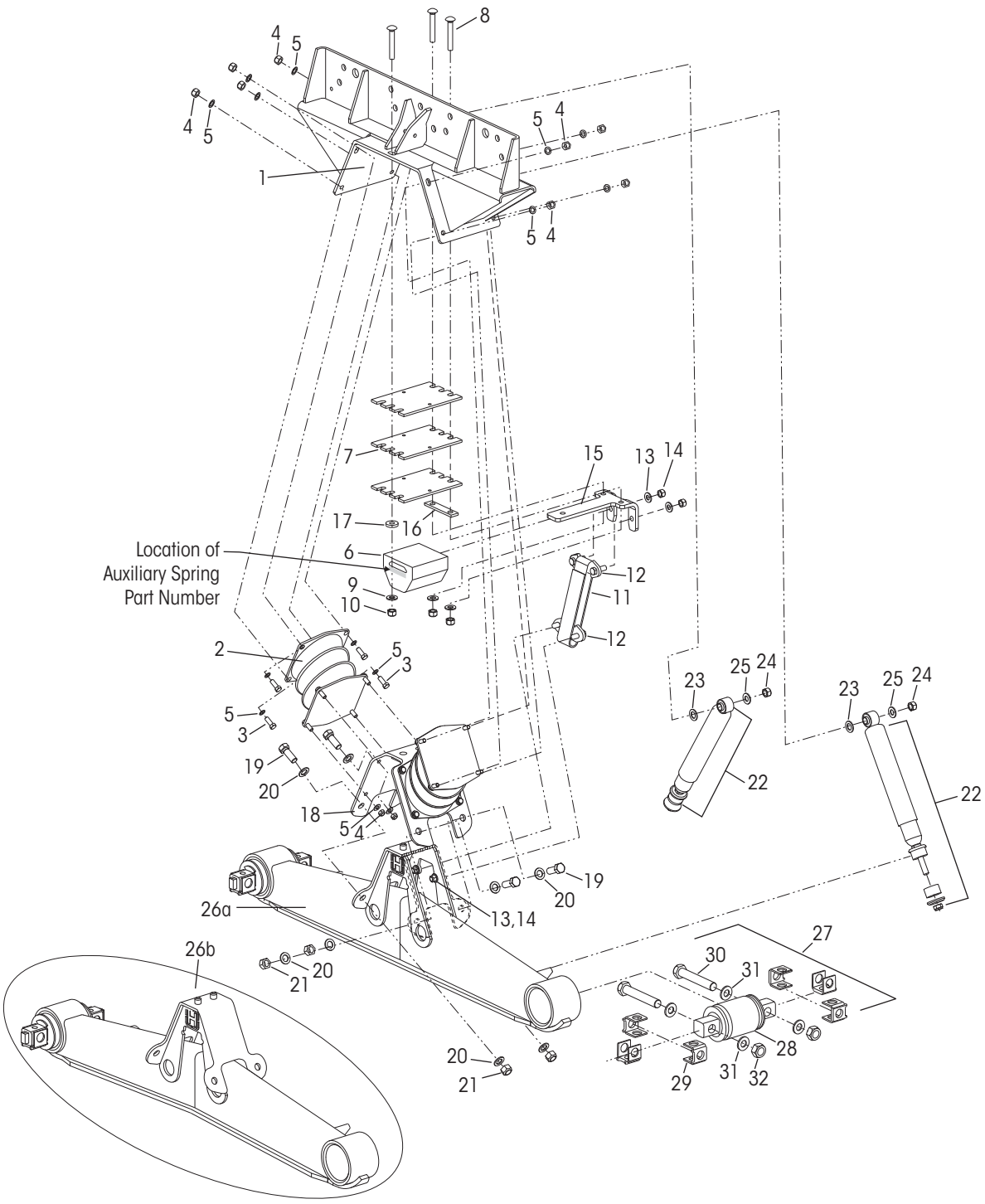
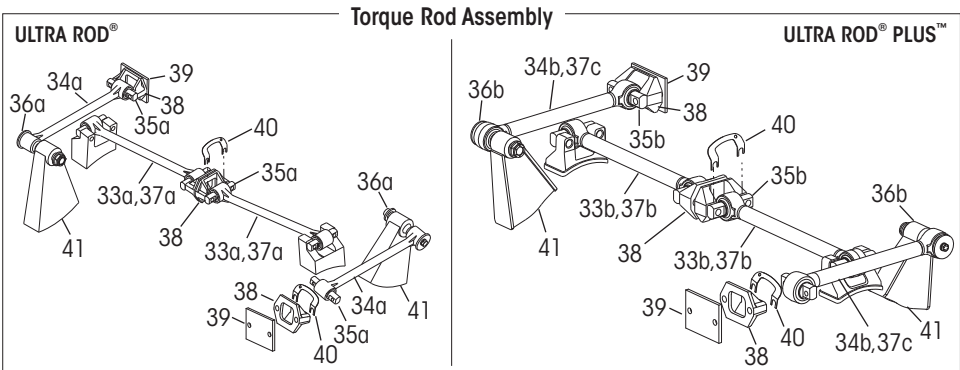
HN® FR Series

LIT NO: SP-188

DATE: December 2012

REVISION: A







KEY NO.	PART NO.	DESCRIPTION	NO.REQ.	KEY NO.	PART NO.	DESCRIPTION	NO.REQ.
1		HN FR Saddle Assembly, See Figure 1 below Includes Key Nos. 2-18 16½", 17½", 18½" or 19" 17½" or 22½"	2	27		Bar Pin End Bushing Service Kit, One Wheel End, Includes Key Nos. 28-32 Non-Shim Type Shim Type Rotating, Shim Type	
	60686-0XX				34013-087L		
	58650-0XX				34013-088L		
	60879-000L	Bolster Spring Kit, One Side, (2 pc), Includes Key No. 2			34013-188L		
2		*Bolster Spring	4	28		*Bar Pin End Bushing	4
3	25114-011	7/16"-20 UNF 1.25" Bolt	32	29		Bar Pin Shim	8
4	48949-000	7/16"-20 UNF-2B Locknut	32		50130-000	0.19" /0.19"	
5	22962-027	7/16" Washer	64		50131-000	0.25"/0.12" (Not shown)	
6		Auxiliary Spring Assembly, See part no. located on the component	2		57026-000	0.375"	
	60314-000	3¾" Height			56659-001	Bar Pin Beam End Mounting Fastener Kit, Axle Set, Includes Key Nos. 30-32	
	65902-003	2½" Height		30	48941-000	1"-8 UNC 6.0" Hex Bolt	8
7	58960-003	Auxiliary Spring Shim	6	31	22962-008	1" Hardened Washer	16
8	58196-006	½"-13 UNC-2A Round Head Square Neck Bolt	6	32	48942-000	1"-8 UNC Locknut	8
9	22962-011	½" Washer	6	33		Two-Piece Longitudinal Torque Rod Kit, Straddle/Straddle, Includes Tube End, Spacer End	
10	49846-000	½"-13 UNC-2A Locknut	6	a	60218-000	ULTRA ROD, 27" Max., Includes Key Nos. 35a	
11	57878-003	Rebound Strap	2	b	60223-000	ULTRA ROD, 35" Max., Includes Key Nos. 35a	
	60639-000	Anchor Plate Assembly, Includes Key Nos. 12-14	4	34		**Two-Piece Transverse Torque Rod Kit, Straddle/Taper, Includes Tube End, Spacer End	
12		*Anchor Plate	4	a	60215-000	ULTRA ROD, Includes Key Nos. 35a-36a	
13		*½" Washer	8	b	65781-000	ULTRA ROD PLUS, Includes Key Nos. 35b-36b	
14		*½"-13 UNC-2A Locknut	8	35		Straddle Bushing	2
15	58948-001	Auxiliary Spring Mounting Plate	2	a	47691-000H	ULTRA ROD	
16	58949-000	Auxiliary Spring Mounting Plate Shim (Inboard - ¼" thick)	2	b	64400-002L	ULTRA ROD PLUS	
17	22962-020	½" Washer (Outboard - ¼" thick)	2	36		Taper Bushing	2
18	58343-001	Saddle Vee Bracket	2	a	64697-000H	ULTRA ROD	
	58440-001	Vee Bracket Fastener Kit, One Side, Includes Key Nos. 19-21		b	64400-004L	ULTRA ROD PLUS	
19	50764-006	¾"-10 UNC-2A Hex Head Bolt	8	37		**One-Piece Torque Rod Assembly, Includes Bushings, See selection guide on back page	
20	22962-001	¾" Washer	16	a		ULTRA ROD	
21	49842-000	¾"-10 UNC-2B Locknut	8	b		ULTRA ROD PLUS Straddle/Straddle	
22	60680-003L	Shock Absorber	4	c		ULTRA ROD PLUS Straddle/Taper	
23	22962-001	¾" Washer	4	38		Torque Rod Frame Bracket	4
24	30585-000	5/8" Upper Shock Locknut	4		22186-000	4¾"	
25	22962-004	5/8" Upper Shock Washer	4		46015-000	5¼"	
26		Equalizing Beam Assembly	2	39		Backup Plate	2
a	58494-002	54" Shim Type HN 482FR			45045-003	4¾"	
a	59973-003	54" Shim Type HN 542FR / 582FR			46869-005	5¼"	
a	59973-005	60" Shim Type HN 542FR / 582FR		40		Torque Rod Shim, See selection guide on back page	8
b	57889-002	54" Shim Type HN 422FR		41		***Transverse Rod Axle Bracket	2
b	57889-005	52" Shim Type HN 422FR					

NOTE: Equalizing beam axle brackets for drive axles are supplied by the axle manufacturer.

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

** Transverse rods are mandatory for HN Suspension regardless of axle spacing. See Literature No. 59310-004 for more information. 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 2-piece ULTRA RODS® can be used to create the desired length, see Torque Rod Selection Guide Literature No. 45745-148.

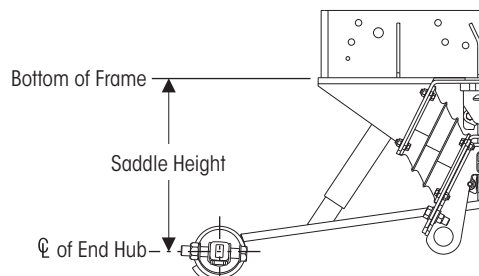
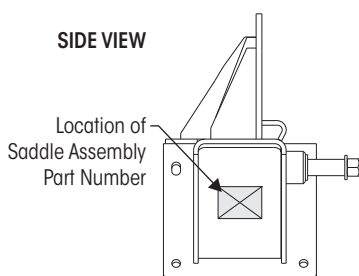
*** Not supplied by Hendrickson, used for reference only. Refer to vehicle manufacturer for more information. Hendrickson is not responsible for components supplied by vehicle manufacturer. For assistance with maintenance and rebuild instructions on these components, see vehicle manufacturer.

FIGURE 1
SADDLE ASSEMBLY (KEY NO. 1)

Locate the part number on the saddle assembly

OR

If the saddle assembly number is not legible or available, have the VIN number and saddle height (for part verification) and contact vehicle manufacturer for part number. Questions? Contact Hendrickson Truck Parts



Selection Guide

ONE PIECE TORQUE ROD ASSEMBLY								
Longitudinal Torque Rod						Transverse Torque Rod		
Key No.37a			Key No.37b			Key No.37c		
ULTRA ROD Straddle/Straddle Assembly			ULTRA ROD PLUS Straddle/Straddle Assembly			ULTRA ROD PLUS Straddle/Taper Assembly		
Length	Part No.	Capacity	Length	Part No.	Capacity	Length	Part No	Capacity
22.83"	62001-580	HN 422FR	19.49"	72100-495	HN 542FR/582FR	19.69"	72950-500	HN 522
23.82"	62000-605	HN 482FR	22.05"	72100-560	HN 522	19.88"	72950-505	HN 522
28.15"	62000-715	HN 422FR	23.03"	72100-585	HN 542FR/582FR	24.02"	72350-610	HN 542FR
29.13"	62001-740	HN 482FR	23.62"	72400-600	HN 542FR	24.02"	72950-610	HN 542FR/582FR
			25.00"	72100-635	HN 542FR/582FR	24.21"	72950-615	HN 542FR/582FR
			26.97"	72100-685	HN 522	24.41"	72350-620S	HN 422FR/482FR
			28.54"	72100-725	HN 542FR/582FR	25.43"	72350-630S	HN 422FR
			28.94"	72401-735	HN 542FR			

TORQUE ROD SHIMS			
Key No. 40			
Part No.	Shim Thickness	Shim Length	Fasteners
49689-000	0.060"	4¾"	¾" and ⅝" Fasteners
49689-001	0.080"		
65640-002	0.060"	5¼"	¾" and ⅝" Fasteners
65640-003	0.120"		
67779-002	0.060"	5¼"	⅞" Fasteners
67779-003	0.120"		

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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