

PARTS LIST

COMFORT AIR® Rear Air Suspension for Hino Trucks

LIT NO: SP-178

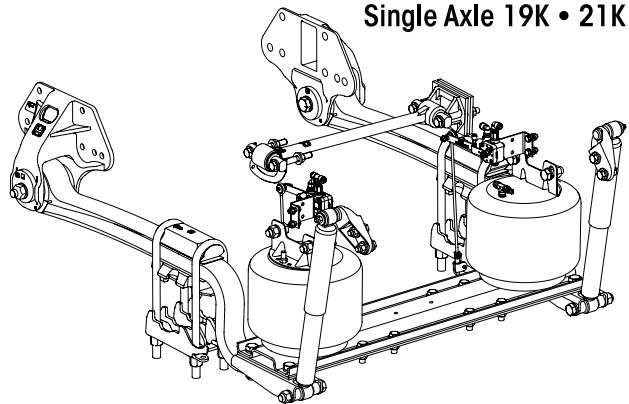
DATE: August 2025

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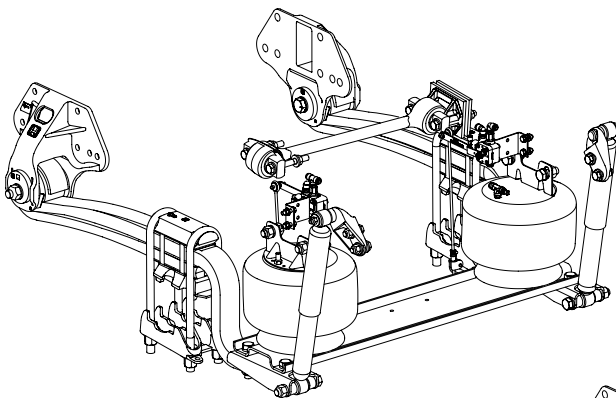
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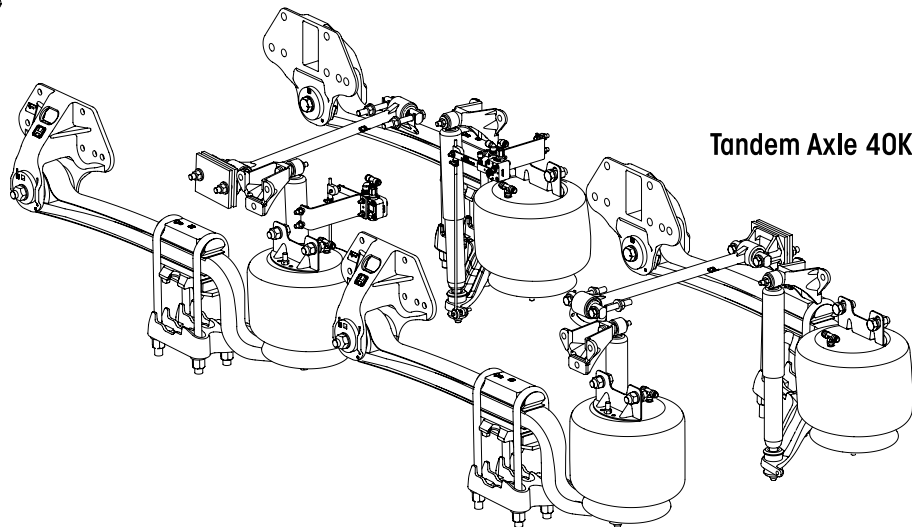
Single Axle 19K • 21K



Single Axle 23K • Tandem Axle 46K



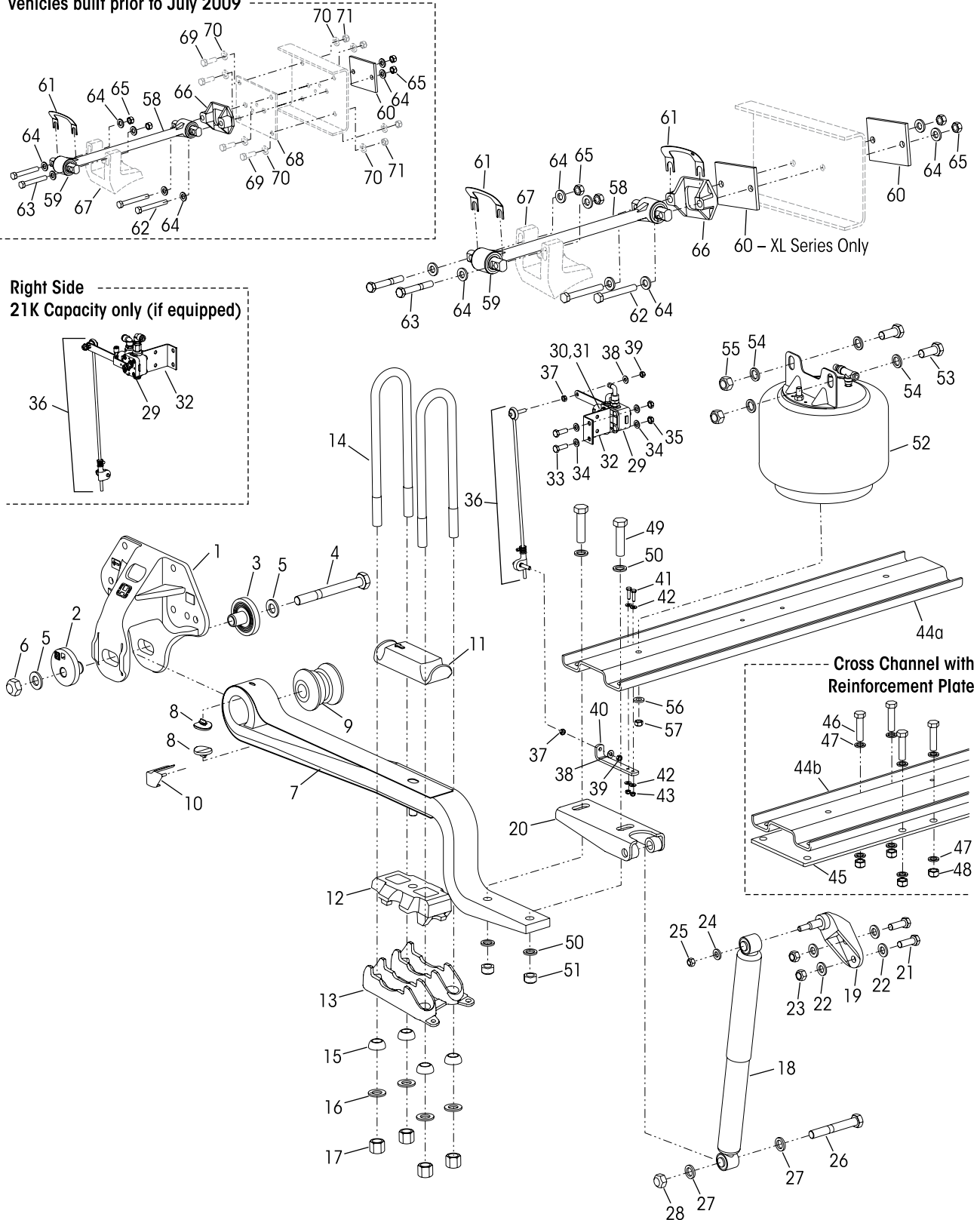
Tandem Axle 40K



Single Axle 19K • 21K

Hino L Series • XL Series

Vehicles built prior to July 2009





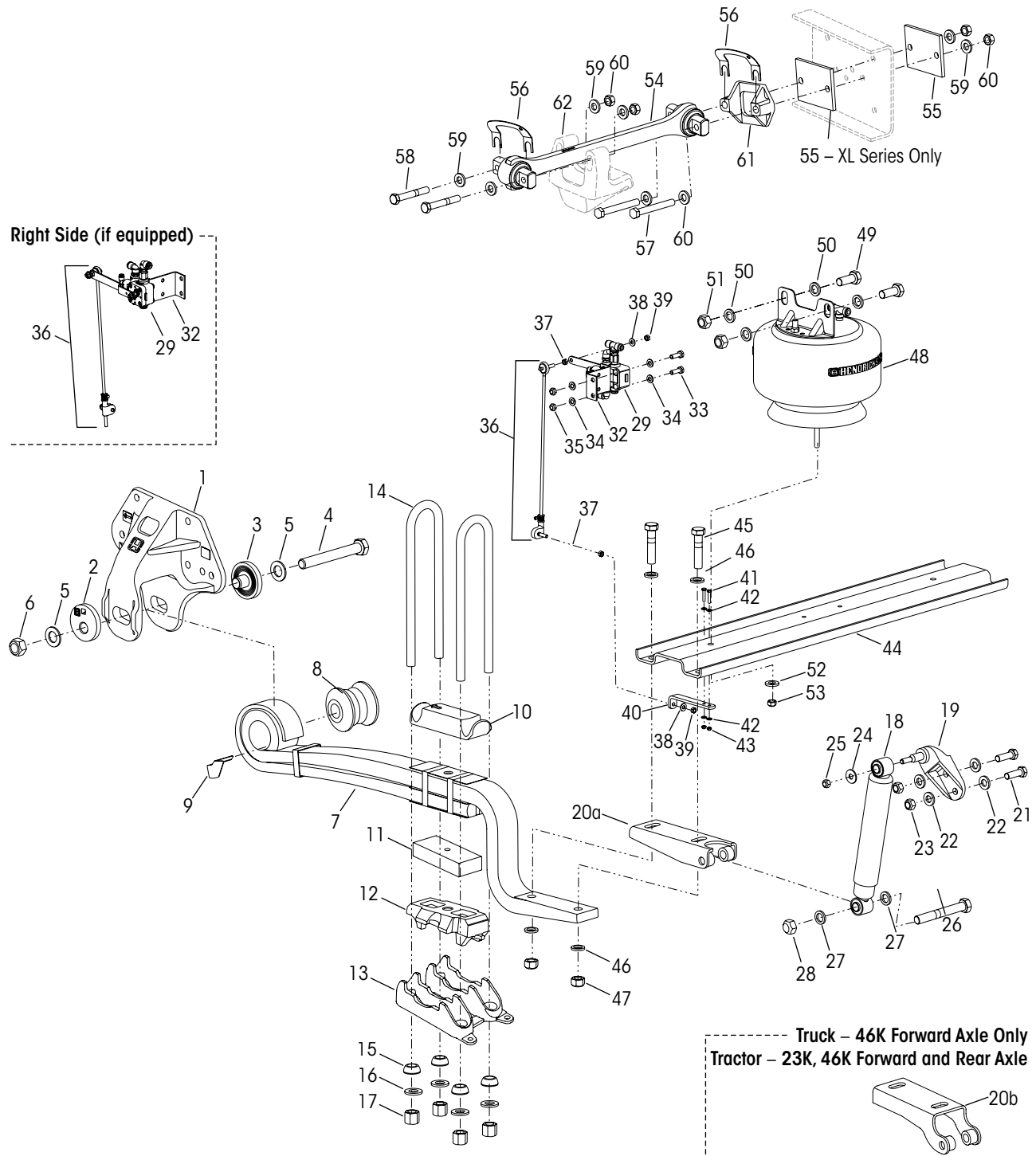
COMFORT AIR® Single 19K • 21K for Hino Vehicles

			VEHICLE				VEHICLE
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	Spring Hanger			31		*¾" HCV Hex Nut	
	91330-001L	Left Hand, <i>Replaces 65081-001L</i>	1	32		*HCV Mounting Bracket	
	91330-002L	Right Hand, <i>Replaces 65081-002L</i>	1	33	58573-004	M10 x 1.5 x 30 mm Bolt	2
		Spring Hanger with Reinforced Rail		34	58246-008	M10 Hardened Washer	4
	65081-101L	Left Hand	1	35	58581-000	M10 x 1.5 Locknut	2
	65081-102L	Right Hand	1	36		Linkage Rod Assembly, Includes Key Nos. 37-39	
		QUIK-ALIGN® Collar Service Kit			58994-032	Left Hand, 19K • 21K	1
	65119-001	Left Hand, Includes Key Nos. 2-6			58994-048	Right Hand, 21K (for Dual equipped)	1
	65119-002	Right Hand, Includes Key Nos. 3-6		37		*5/16"-18 UNC Jam Nut	2
2	60662-000L	QUIK-ALIGN Eccentric Collar	1	38		*5/16" Washer	2
3	60661-000L	QUIK-ALIGN Concentric Collar	3	39		*5/16"-18 UNC Locknut	2
4	58705-005	7/8"-9 UNC x 8" Coated Hex Bolt	2	40	65090-000	Lower Linkage Bracket (as equipped)	
5	22962-034	7/8" Coated Hardened Washer	4	41		M6 x 1-6G Bolt	2
6	60266-000	7/8"-9 UNC Coated Locknut	2		65091-001	30 mm, L Series	
7		Main Support Member Assembly, Includes	2		65091-003	35 mm, XL Series	
		Key Nos. 8-10		42	58246-016	M6 Hardened Washer	4
a	82504-000	Vehicles built after 02/2019		43	65092-000	M6 x 1-6H Locknut	2
b	65106-001	Vehicles built prior to 02/2019		44		Cross Channel	1
	34013-464	Main Support Member Bushing Service Kit, One Side, Includes Key Nos. 8-10,72		a	57317-007	L Series	
8		*Isolator Pad	4	b	57317-012	XL Series, use with Key Nos. 45-48	
9		*Main Support Member Bushing	2	45	66676-001	Reinforcement Plate, XL Series Only	1
10		*Spring Eye Clip	2	46	58244-002	M16 x 2-6G x 50 mm Bolt	8
11	65071-000	Top Pad	2	47	58246-003	M16 Hardened Washer	16
12	56501-XXX	Spring Seat, <i>See Selection Guide on Page 8</i>	2	48	58245-000	M16 x 2 Locknut	8
13	93302-000	Axle Bottom Cap, <i>Replaces 50216-000</i>	2		57499-003	Cross Channel Fastener Service Kit, Axle Set, Includes Key Nos. 49-51	
	91430-082	U-bolt Service Kit, One Wheel End		49	58258-023	M20 x 2.5-6G x 90 mm Bolt, <i>Replaces 58258-001</i>	4
		Includes Key No. 14 and Kit No. 48718-508		50	58246-007	M20 Hardened Washer	8
14	58184-001	M22 x 1.5 x 380 mm U-bolt	4	51	58259-000	M20 x 2.5-6H Locknut	4
	48718-508	U-bolt Fastener Kit, One Wheel End		52	65086-002L	Air Spring Assembly	2
		Includes Key Nos. 15-17			58820-005	Air Spring Fastener Service Kit, One Side, Includes Key Nos. 53-57	
15		*Spherical Washer	8	53		*M20 x 2.5-6G x 50 mm Bolt	4
16		*M22 Hardened Washer	8	54		*M20 Hardened Washer	8
17		*M22 x 1.5-6H High Nut	8	55		*M20 x 2.5-6H Locknut	4
18		Shock Absorber	2	56		*M12 Hardened Washer	2
	60670-029L	19K, <i>Replaces 60670-014L</i>		57		*M12 x 1.25 Locknut, <i>Replaces 65089-000</i>	2
	60670-030L	21K, <i>Replaces 60670-013L, 60670-018L</i>		58	62000-595	ULTRA ROD® Transverse Torque Rod Assembly, 595 mm, Includes Key No. 59	1
	60670-031L	19K, <i>Replaces 60670-019L</i>		59	47691-000L	Torque Rod Bar Pin Bushing	2
19	58516-002P	Upper Shock Bracket Assembly	2	60	45045-010	Reinforcement Plate, <i>Replaces 65137-000</i>	
20	49324-002	Lower Shock Bracket, <i>Replaces 57355-000</i>	2			Outer, L Series	1,
		Single Shock Absorber Fastener Service Kits				Inner and Outer, XL Series	2
	65118-002	Upper, Includes Key Nos. 21-25		61	49689-000L	Shim (1.5 mm)	As Req.
	34013-440	Upper and Lower, Includes Key Nos. 24-28		62		M16 x 2-6G Bolt	2
21		*M16 x 2 x 50 mm Bolt	4		58244-005	130 mm, L Series	
22		*M16 Hardened Washer	8		58244-140	140 mm, XL Series	
23		*M16 x 2 Locknut	4	63		M16 x 2-6G Bolt	2
24		*M12 Hardened Washer	2		58244-009	110 mm, L Series	
25		*M12 x 1.75 Locknut	2		58244-005	130 mm, XL Series	
26		*M20 x 2.5 x 140 mm Bolt	2	64	58246-003	M16 Hardened Washer	8
27		*M20 Hardened Washer	4	65	58245-000	M16 x 2-6H Locknut	4
28		*M20 x 2.5 Locknut	2	66	22186-000	Transverse Torque Rod Frame Bracket	1
		Height Control Valve Assembly (as equipped), Includes Key Nos. 29-32		67		**Transverse Torque Rod Axle Bracket	1
	69030-000	Non-Dump Valve (Single)	1	68		****Inner Reinforcement Plate	1
	69031-001	Left Hand Dump Valve (for Dual equipped)	1	69		****M16 x 2-6G x 50 mm Bolt	4
	69031-002	Right Hand Dump Valve (for Dual equipped)	1	70		****M16 Hardened Washer	8
	69031-000	Dump Valve, L Series (Single)	1	71		****M16 x 2-6H Locknut	4
	69031-003	Dump Valve, XL Series (Single)	1	72	70867-001	*****P-80 Lubricant - 10 ml (Not Shown)	As Req.
29		*Height Control Valve					
30		*¾" HCV Washer					

NOTE: Quantities specified are shown for **single** axle suspension with single height control valve. Quantities of service kit components may vary from amount shown in list.

Single Axle 23K Capacity • Tandem Axle 46K Capacity

Hino L Series • XL Series





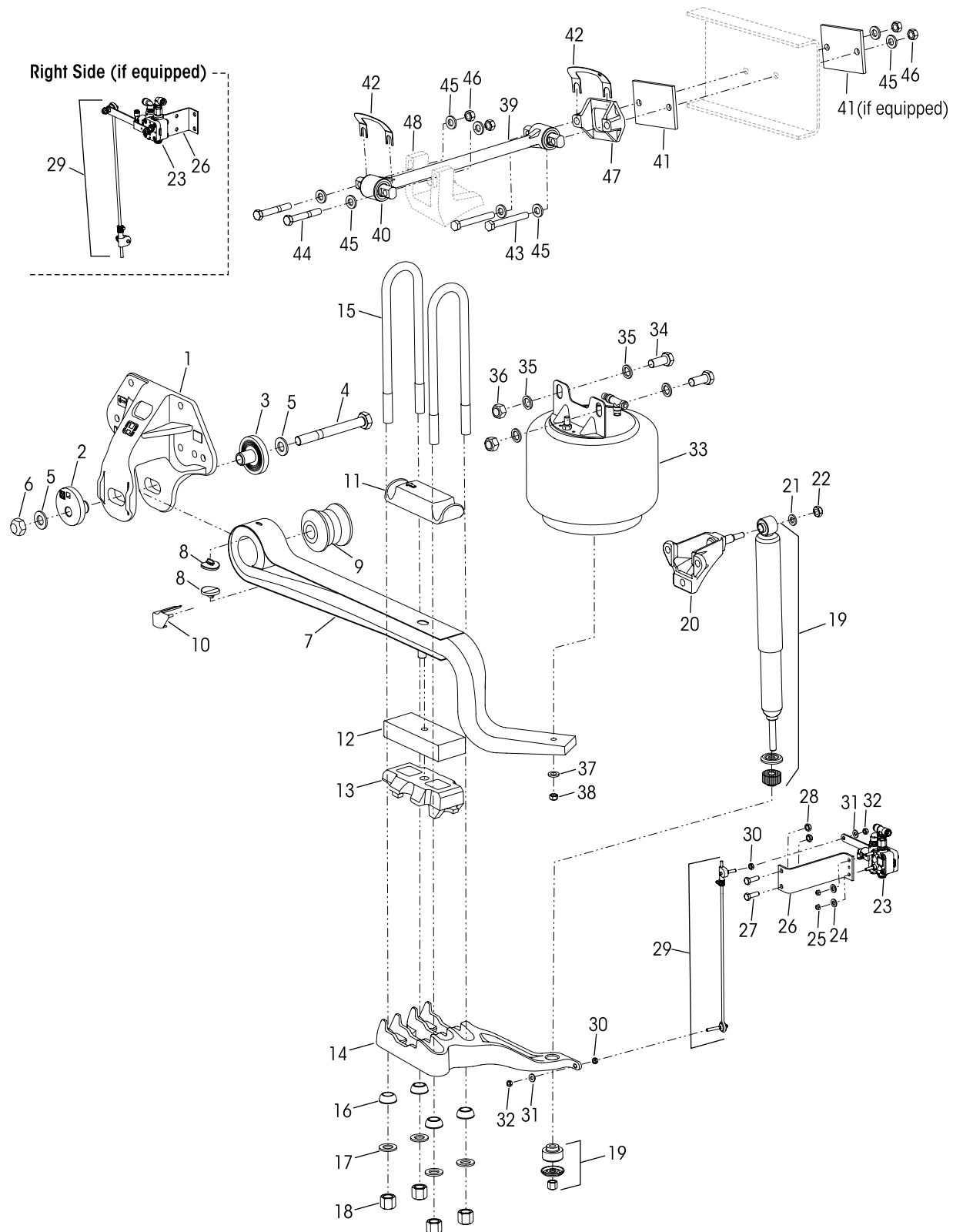
COMFORT AIR® Single 23K • Tandem 46K for Hino Trucks

KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.
1		Spring Hanger		27		*M20 Hardened Washer	8
	91330-001L	Left Hand, <i>Replaces 65081-001L</i>	2	28		*M20 x 2.5 Locknut	4
	91330-002L	Right Hand, <i>Replaces 65081-002L</i>	2			Height Control Valve Assembly, (as equipped)	
		Spring Hanger with Reinforced Rail				Includes Key Nos. 29-32	
	65081-101L	Left Hand	2	69030-000		Non-Dump Valve (Single)	1
	65081-102L	Right Hand	2	69031-001		Left Hand Dual, Dump Valve	1
		QUIK-ALIGN® Service Kit		69031-002		Right Hand Dual, Dump Valve	1
	60632-029	Left Hand, Includes Key Nos. 2-6		69031-000		Dump Valve, L Series (Single)	1
	60632-030	Right Hand, Includes Key Nos. 3-6		69031-003		Dump Valve, XL Series (Single)	1
2	64632-000	QUIK-ALIGN Eccentric Collar	2	29		*Height Control Valve	
3	64633-000	QUIK-ALIGN Concentric Collar	6	30		*¼" HCV Washer (Not Shown)	
4	68217-001	1"-14 UNF x 8" Coated Hex Bolt	4	31		*¼" HCV Hex Nut (Not Shown)	
5	68232-000	1" Coated Hardened Washer	8	32		*HCV Mounting Bracket	
6	68218-000	1"-14 UNF Coated Locknut	4	33a	58573-004	M10 x 1.5 x 30 mm Bolt, L Series	4
7	53443-000	Main Support Member Assembly, Includes Key Nos. 8-9	4	b	79256-035	M10 x 1.5 x 35 mm Flange Bolt, XL Series	
	34013-465	Main Support Member Bushing Service Kit, One Side , Includes Key Nos. 8-9, 63		34	58246-008	M10 Hardened Washer, L Series	8
8		*Main Support Member Bushing	4	35a	58581-000	M10 x 1.5 Locknut, L Series	4
9		*Spring Eye Clip	4	b	79257-000	M10 x 1.5 Flange Locknut, XL Series	
10	65071-000	Top Pad	4	36		Linkage Rod Assembly, Includes Key Nos. 37-39	
11		Spring Seat Spacer, 46K Only			58994-032	Left Hand	1
	48531-020	31.28 mm Rear			58994-048	Right Hand (for Dual equipped)	1
	48531-026	19.1 mm Front		37		*5/16"-18 UNC Jam Nut	4
12		Spring Seat, <i>See Selection Guide on Page 8</i>	4	38		*5/16" Washer	4
13		Axle Bottom Cap		39		*5/16"-18 UNC Locknut	4
a	93302-000	23K, 46K Front Rear, <i>Replaces 50216-000</i>	2	40	65090-000	HCV Lower Linkage Bracket (as equipped)	
b	93315-000	46K Rear Rear, <i>Replaces 50222-000</i>	2	41	65091-003	M6 x 1-6G x 35 mm Bolt	4
		U-bolt Service Kit, One Wheel End		42	58246-016	M6 Hardened Washer	8
	91430-082	23K, Includes 14a & Kit No. 48718-508		43	65092-000	M6 x 1-6H Locknut	4
	91430-083	46K Front, Includes 14b & Kit No. 48718-508		44	57317-012	Cross Channel, <i>Replaces 57317-007</i>	2
	91430-084	46K Rear, Includes 14c & Kit No. 48718-508			57499-003	Cross Channel Fastener Service Kit, Axle Set , Includes Key Nos. 45-47	
14		M22 x 1.5 U-bolt		45	58258-023	M20 x 2.5-6G x 90 mm Bolt, <i>Replaces 58258-001</i>	8
a	58184-001	380 mm	4	46	58246-007	M20 Hardened Washer	16
b	58184-010	410 mm	4	47	58259-000	M20 x 2.5-6H Locknut	8
c	58184-013	450 mm	4	48	76942-002	Air Spring Assembly	4
	48718-508	U-bolt Fastener Kit, One Wheel End Includes Key Nos. 15-17			58820-005	Air Spring Fastener Service Kit, One Side , Includes Key Nos. 49-53	
15		*Spherical Washer	16	49		*M20 x 2.5-6G x 50 mm Bolt	8
16		*M22 Hardened Washer	16	50		*M20 Hardened Washer	16
17		*M22 x 1.5-6H High Nut	16	51		*M20 x 2.5-6H Locknut	8
18	60670-030L	Shock Absorber, <i>Replaces 60670-018L</i>	4	52		*M12 Hardened Washer	2
19	58516-002P	Upper Shock Bracket	4	53		*M12 x 1.25 Locknut with Nylon Insert	4
20		Lower Shock Bracket		54	8240-0000-595	***TRAAX ROD Transverse Torque Rod, <i>Replaces 72000-595S</i>	2
a	49324-002	Truck 23K, 46K Rear Axle only	2	55	45045-010	Reinforcement Plate, <i>Replaces 65137-000</i>	
b	57124-000	Truck 46K Forward Axle only	2			Outer, L Series	2
		Tractor 23K and 46K	4			Inner and Outer, XL Series	4
		Single Shock Absorber Fastener Service Kits		56	49689-000L	Shim (1.5 mm)	As Req.
	65118-002	Upper, Includes Key Nos. 21-25		57	58244-140	M16 x 2-6G x 140 mm Hex Bolt	4
	34013-440	Upper and Lower, Includes Key Nos. 24-28		58	58244-005	M16 x 2-6G x 130 mm Hex Bolt	4
21		*M16 x 2 x 50 mm Bolt	8	59	58246-003	M16 Hardened Washer	16
22		*M16 Hardened Washer	16	60	58245-000	M16 x 2-6H Locknut	8
23		*M16 x 2 Locknut	8	61	22186-000	Transverse Torque Rod Frame Bracket	2
24		*M12 Hardened Washer	4	62		**Transverse Torque Rod Axle Bracket	2
25		*M12 x 1.75 Locknut	4	63	70867-001	*****P-80 Lubricant - 10 ml Not Shown	As Req.
26		*M20 x 2.5 x 140 mm Bolt	4				

NOTE: Quantities specified are shown for **tandem** axle suspensions. Adjust quantities for your suspensions. Quantities of service kit components may vary from amount shown in list.

Tandem Axle 40K Capacity

HINO XL Series





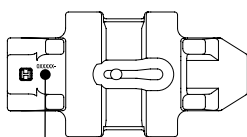
COMFORT AIR® Tandem 40K for Hino Trucks

KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.
1		Spring Hanger		22	49846-000	½"-13 UNC-2B Hex Locknut	4
	91330-001L	Left Hand	2			Height Control Valve Assembly, (as equipped)	
	91330-002L	Right Hand	2			Includes Key Nos. 23-26	
		Spring Hanger with Reinforced Rail		69030-100		Non-Dump Valve (Single)	1
	65081-101L	Left Hand	2	69031-300		Single, Dump Valve (Single)	1
	65081-102L	Right Hand	2	69031-100		Left Hand (Dual)	1
		QUIK-ALIGN® Collar Service Kit		69031-200		Right Hand (Dual)	1
	65119-001	Left Hand, Includes Key Nos. 2-6		23		*Height Control Valve	
	65119-002	Right Hand, Includes Key Nos. 3-6		24		*¼" HCV Washer	
2	60662-000L	QUIK-ALIGN Eccentric Collar	2	25		*¼" HCV Hex Nut	
3	60661-000L	QUIK-ALIGN Concentric Collar	6	26		*HCV Mounting Bracket	
4	58705-005	⅞"-9 UNC x 8" Coated Hex Bolt	4	27	79256-035	M10 x 1.5-6G x 35 mm Flange Bolt	4
5	22962-034	⅞" Coated Hardened Washer	8	28	79257-000	M10 x 1.5-6H Flange Locknut	4
6	60266-000	⅞"-9 UNC-2B Coated Locknut	4	29		Linkage Rod Assembly, Includes Key Nos. 30-32	
7		Main Support Member Assembly, Includes Key Nos. 8-10		58994-052		Left Hand	1
	82400-000	Left Hand	2	58994-051		Right Hand (if Dual equipped)	1
	82401-000	Right Hand	2	30		*⅝"-18 UNC Jam Nut	4
	34013-464	Main Support Member Bushing Service Kit, One Side , Includes Key Nos. 8-10,50		31		*⅝" Washer	4
8		*Isolator Pad	8	32		*⅝"-18 UNC Locknut	4
9		*Main Support Member Bushing	4	33	80760-002	Air Spring Assembly	4
10		*Spring Eye Clip	4	58820-005		Air Spring Fastener Service Kit, One Side , Includes Key Nos. 34-38	
11	65071-000	Top Pad	4	34		*M20 x 2.5-6G x 50 mm Hex Bolt	8
12	48531-026	Spring Seat Spacer, 19.1 mm	2	35		*M20 Hardened Washer	16
13		Spring Seat, <i>See Selection Guide on Page 8</i>	4	36		*M20 x 2.5-6H Locknut	8
14		Axle Bottom Cap / Lower Shock Bracket		37		*M12 Hardened Washer	2
	79372-000	Left Hand	2	38		*M12 x 1.25-6H Locknut	4
	79371-000	Right Hand	2	39	62000-595	ULTRA ROD Transverse Torque Rod Assembly, 595 mm, Includes Key No. 40	2
	91430-082	U-bolt Service Kit, One Wheel End , Includes Key No. 15 and Kit No. 48718-508		40	47691-000L	Torque Rod Bar Pin Bushing	4
15	58184-001	M22 x 1.5 x 380 mm U-bolt	8	41	45045-010	Reinforcement Plate	4
	48718-508	U-bolt Fastener Kit, One Wheel End , Includes Key Nos. 16-18		42	49689-000L	Shim (1.5 mm)	As Req.
16		*Spherical Washer	16	43	58819-012	Torque Rod Fastener Service Kit, Axle Set , Includes Key Nos. 44-47	
17		*M22 Hardened Washer	16	44	58244-140	M16 x 2-6G x 140 mm Hex Bolt	4
18		*M22 x 1.5-6H High Nut	16	45	58244-005	M16 x 2-6G x 130 mm Hex Bolt	4
19	57241-008L	Shock Absorber	4	46	58246-003	M16 Hardened Washer	16
	58692-000	Upper Shock Bracket Assembly, Includes Key Nos. 20-22	4	47	58245-000	M16 x 2-6H Locknut	8
20	58704-000	Upper Shock Bracket	4	48	22186-000	Transverse Torque Rod Frame Bracket	2
21	22962-031	½" Flat Washer	4	49		**Transverse Torque Rod Axle Bracket	2
				50	70867-001	*****P-80 Lubricant - 10 ml Not Shown	As Req.

NOTES: Quantities specified are for a **tandem** axle suspension. Quantities of service kit components may vary from amount shown in list.

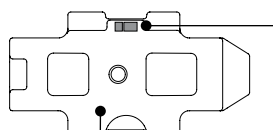
Spring Seat Selection Guide

Bottom View of Spring Seat



Location of
Casting No.

Top View of Spring Seat



Location of
Part No.

ID Letter =
Base part number

Location of Engraved
Identification (ID)

Last two digits of the
finished part number

Total of two (2) spring seats required per single and four (4) spring seats required per tandem suspension. One of each located at the left / right front and left / right rear.

REAR SINGLE AXLE				TANDEM					
19K • 21K • 23K				FORWARD/ REAR			REAR/ REAR AXLE		
SPRING SEATS	Seat Angle	Part No.	ID	Seat Angle	Part No.	ID	Seat Angle	Part No.	ID
	1.0°	56501-039	D39	2.0°	80940-003	N03	5.0°	80297-009	P09
	2.0°	56501-035	D35	3.0°	80940-005	N05	6.0°	80297-011	P11
	3.0°	56501-028	D28				9.0°	80297-017	P17
	4.0°	56501-030	D30				10.0°	80297-019	P19
	5.0°	56501-032	D32				11.0°	80297-021	P21
	6.0°	56501-034	D34				12.0°	80297-023	P23

NOTES: * 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.

*** TRAAX Rod bushings are non-serviceable, the entire torque rod assembly requires replacement. Visit TRAAX ROD website www.traaxrods.com for more information.

**** Inner reinforcement plate is no longer available, see torque rod configuration for vehicles built after July 2009.

***** Used as a lubricant to install torque rod bushing and main support member pivot bushing.

Hendrickson COMFORT AIR ride height gauge for Hino Trucks can be obtained on-line at www.hendrickson-intl.com/Litform

• Literature number 45745-242 (not for use on 46K capacity tandem configuration).



■ Special Tools

QUIK-ALIGN PIVOT BUSHING SERVICE TOOLS

PIN & BUSHING STARTER KIT

Tiger Tool Part No. 15000

For use with Pin & Bushing Adapter Kit

Visit tigertool.com



PIN & BUSHING ADAPTER KIT

Tiger Tool Part No. 15042

For use with Pin & Bushing Starter Kit

Visit tigertool.com



BUSHING KIT WITH PUMP

OTC Part No. 4247-FR

Visit otctools.com



BUSHING ADAPTER KIT

OTC Part No. 4254-FR

For use with OTC Part No. 4247-fr

Visit otctools.com



QUIK-ALIGN PIVOT BUSHING SERVICE TOOL

Hendrickson Part No. 66086-203L

Reference Hendrickson Literature No. 59310-061



QUIK-ALIGN SOCKET TOOL

OTC Part No. 1767

Visit otctools.com

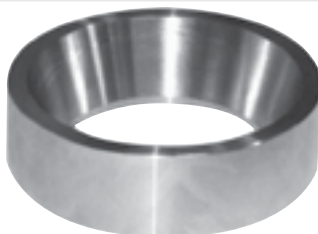


TORQUE ROD BUSHING TOOLS

FUNNEL

Hendrickson Part No. 66086-001L

ULTRA ROD®



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 855.743.3733 (Toll-free U.S. and Canada), 630.910.2800 (Outside U.S. and Canada) or e-mail: truckparts@hendrickson-intl.com.

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.

Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Call Hendrickson at 630.910.2800 or 855.RIDERED (855.743.3733) for additional information.



www.hendrickson-intl.com

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