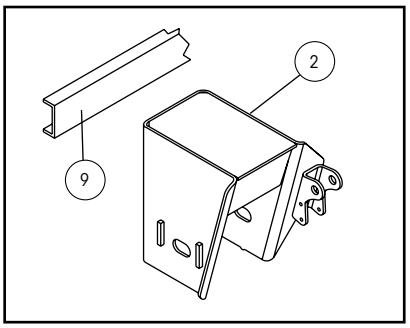
PARTS LIST

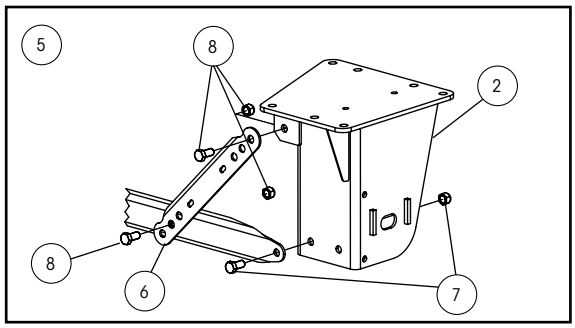
INTRAAX® AAL 23K / 25K / 30K

LIT NO: L1060
DATE: April 2025 **REVISION:** E

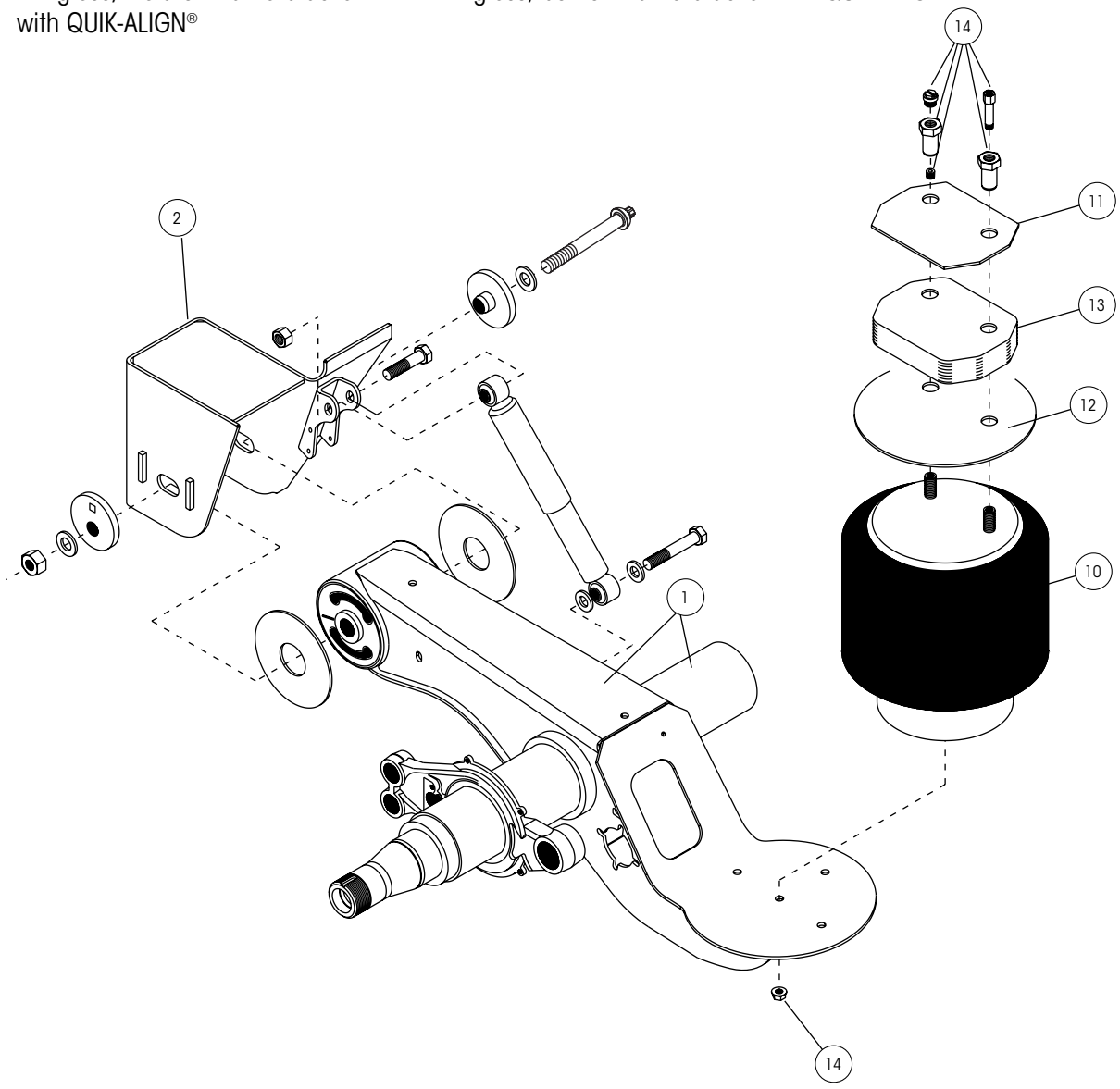
HENDRICKSON
The World Rides On Us®



Wingless, weld-on frame bracket with QUIK-ALIGN®



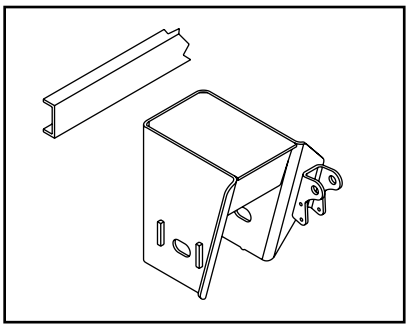
Wingless, bolt-on frame bracket with QUIK-ALIGN®



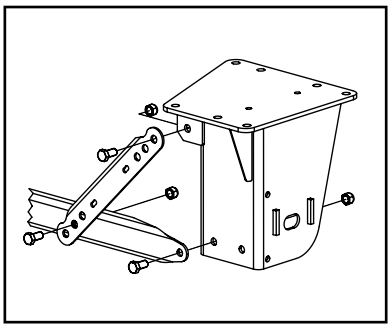
ITEM	DESCRIPTION	PART NO.	QTY.	NOTE
1	**AXLE / BEAM WELDMENT**	HTRAAX.###	1	Contact Hendrickson for assistance
2	**FRAME BRACKET**[1]			See L1266 Frame Bracket Parts List
3	**FRAME BRACKET GUSSET** (Not Shown)	S-27330	2	9" - 17" ride height
4	**FRAME BRACKET BRACE** (Not Shown)	B-2347-7	1	Used for 19" ride height
5	**BOLT-ON C-CHANNEL KIT**[2]			
	71.5" Track	S-31901-3C	1	Standard / black primer; includes c-channel, 2 struts and strut bolt kit
	77.5" Track	S-31901-1C	1	Standard / black primer; includes c-channel, 2 struts and strut bolt kit
6	**STRUT**[2]	B-30591	2	2
7	**C-CHANNEL BOLT KIT**	S-29822	1	Includes 2 screws and 2 prevailing torque nuts
8	**STRUT BOLT KIT**	S-30720	1	Includes 6 screws and 6 prevailing torque nuts
9	**WELD-ON C-CHANNEL**			
	71.5" - 77.5" Tracks	A-1631-19	1	
	83.5" - 85" Tracks	A-1631-35	1	
10	**AIR SPRING** (Standard Pressure)			
		23K **25K** **30K**		
	6.5" - 7.5" Ride heights	S-23720 S-23721 —	2	
	8" - 9" Ride heights	S-23613 S-23611 S-25871	2	
	12" - 19" Ride heights	S-23614 S-23612 S-25872	2	
11	**AIR SPRING MOUNTING PLATE**[3]			
	14" - 16" Ride heights	S-20905	2	Weld-on hangers
	14" - 16" Ride heights	S-21145	2	Bolt-on hangers
12	**AIR SPRING FLEX PLATE**[3]			
	9" - 19" Ride heights	S-23294	2	Weld-on and bolt-on hangers
	12" Ride heights	B-24813	2	Bolt-on hangers
13	**AIR SPRING SPACER**[3]			
	Five-Inch Axle and LDA Large Diameter Axle			
	14" Ride height	S-22510-4	2	Weld-on and bolt-on hangers
	15" Ride height	S-22510-2	2	Weld-on and bolt-on hangers
	16" Ride height	S-22510-3	2	Weld-on and bolt-on hangers
	17" Ride height	D-27049-5	2	Weld-on hangers
	19" Ride height	D-27049-4	2	Weld-on hangers
14	**AIR SPRINGS MOUNTING KIT**[3]			One (1) kit per air spring
		23K / 25K **30K**		
	6.5" - 12.0" Ride height	S-22619/2 —	2	
	9" - 12.0" Ride height	— S-25452/2	2	
	14.0" Ride height	S-22630/2 S-25453/2	2	
	15.0" Ride height	S-22631/2 S-25454/2	2	
	16.0" Ride height	S-22632/2 S-25455/2	2	
	17.0" Ride height	S-22619/2 S-25452/2	2	
	19.0" Ride heights	S-22619/2 S-25452/2	2	

1. Options exist based on frame attachment, frame bracket style, bolt hole pattern and connection. Contact Hendrickson for assistance or refer to L1266 Frame Bracket Parts List.
2. Struts are only optional for bolt-on frame brackets. Other options exist for galvanized or different track widths.
3. Standard options listed. Other options exist. Contact Hendrickson for assistance.

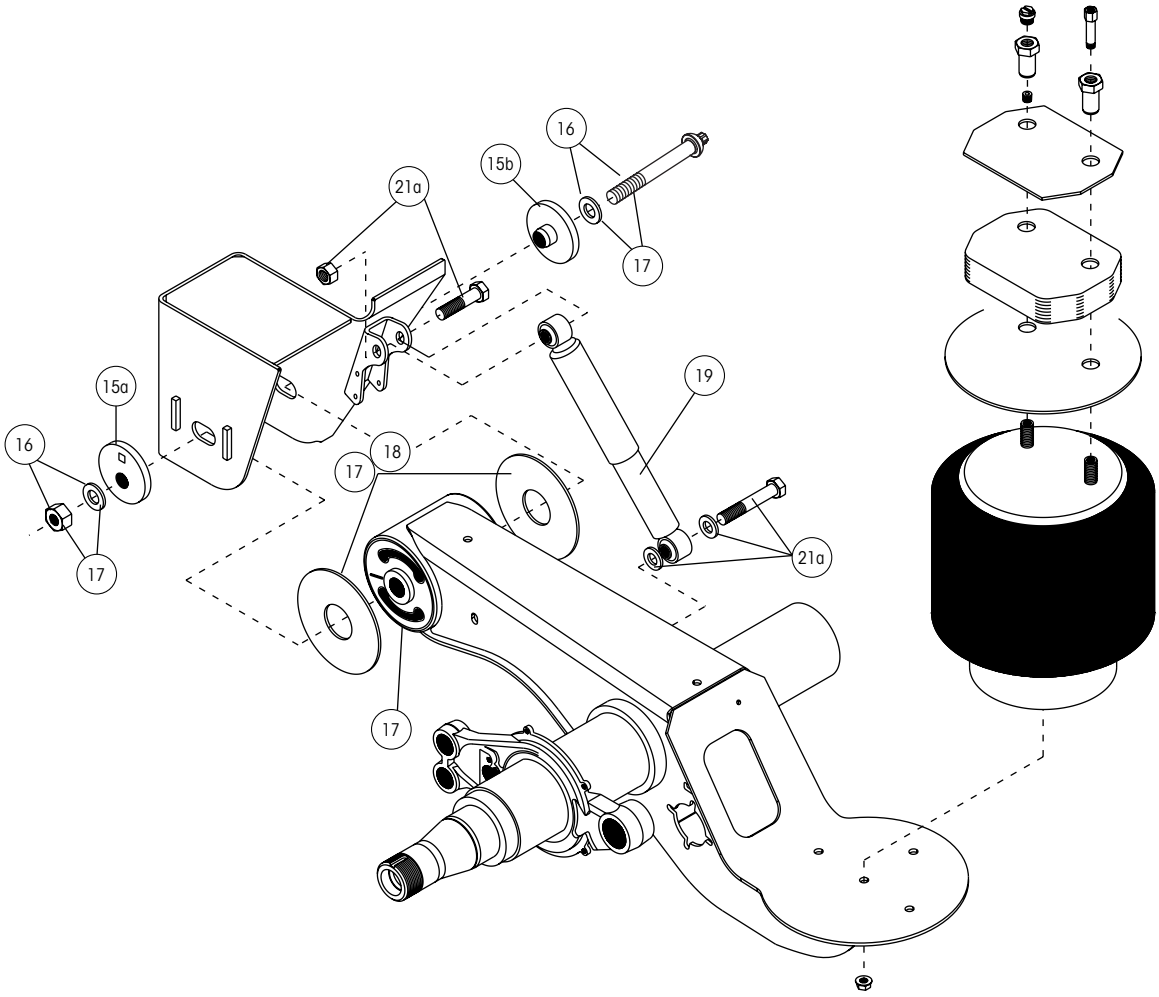
Note: Identification tag can be found on the inside of the curbside beam.



Wingless, weld-on frame bracket with QUIK-ALIGN®



Wingless, bolt-on frame bracket with QUIK-ALIGN®



ITEM	DESCRIPTION	PART NO.		QTY.	NOTE
15	**ALIGNMENT COLLARS**				
	15a Eccentric	S-20925		2	Pivot bolt hole is offset from center of collar
	15b Concentric	S-20924		2	Pivot bolt hole is in center of collar
16	**QUIK-ALIGN® PIVOT BOLT KIT**[4]				
	16a Pivot bolt kit	S-24679		2	Includes 10" shear-type bolt, nut, and washers
	16b Pivot bolt kit w/ bushing tube spacers				
	Standard	S-26369		2	Includes 10" shear-type bolt, nut, washers and std. bushing tube spacers (Item 18)
	Off-Highway	S-40394-1		2	Includes 10" shear-type bolt, nut, washers and off-highway bushing tube spacers (Item 18)
	16c Pivot bolt kit w/ alignment collars	S-24680		2	Includes 10" shear-type bolt, nut, washers and alignment collars
17	**TRI-FUNCTIONAL® BUSHING KIT**[4,5]				
	Standard	S-24691		2	Includes bushing, pivot bolt kit (Item 16a), std. bushing tube spacers (Item 18) and lube
	Off-Highway	S-40393-1		2	Includes bushing, pivot bolt kit (Item 16a), off-highway bushing tube spacers (Item 18) and lube
	Standard pivot bushing kit w/ alignment collars	S-28654		1	Includes 2 bushings, 2 pivot bolt kits (Item 16a), std. bushing tube spacers (Item 18) and lube
18	**BUSHING TUBE SPACERS**				4 required per axle
	Standard	S-21099		4	
	Off-Highway	S-40230-1		4	
19	**FRONT SHOCK ABSORBER**				
	6.5" - 9" Ride heights	S-23651		2	Standard travel, standard duty cycle
	6.5" - 9" Ride heights	S-24579		2	Standard travel, extended service
	12" Ride height	S-23566		2	Standard travel, standard duty cycle
	12" Ride height	S-24023		2	Standard travel, extended service
	14" - 19" Ride heights	S-2212		2	Standard travel, standard duty cycle
	14" - 19" Ride heights	S-23316		2	Standard travel, extended service
20	**REAR SHOCK ABSORBER** (Not Shown)				
	6.5" - 7.5" Ride heights	S-20345		2	
	9" - 12" Ride heights	S-25436		2	
	14" - 17" Ride heights	S-25437		2	
21	**SHOCK BOLT KIT**				
		5-inch	**LDA™**		
	21a Front shock absorber	S-24757/2	S-31080/2	2	(1) One kit per shock
	21b Rear shock absorber (Not Shown)	S-2157/2	S-2157/2	2	(1) One kit per shock
22	**REAR SHOCK TOWER REPLACEMENT KIT**				
	Roadside (Not Shown)	S-42382		1	Includes rear shock tower, rear shock tower backing plate, (4) flange screws and (4) prevailing torque hex nuts.
	Curbside (Not Shown)	S-42383		1	Includes rear shock tower, rear shock tower backing plate, (4) flange screws and (4) prevailing torque hex nuts.

4. Best installed with Hendrickson's E-20 socket S-24536 (1-inch drive sleeveless), S-25119 (1-inch drive sleeve) or S-24303 (3/4-inch drive sleeveless).
5. Bushing tool S-21307 is required to correctly rebush the suspension.

NOTES:

NOTES:

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, operation, service and maintenance instructions.

*Call Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.*

HENDRICKSON®

www.hendrickson-intl.com

TRAILER COMMERCIAL VEHICLE SYSTEMS
2070 Industrial Place SE
Canton, OH 44707-2641 USA
866.RIDEAIR (743.3247)
330.489.0045 • Fax 800.696.4416

Hendrickson Canada ULC
2825 Argentia Road, Unit #1 - 4
Mississauga, ON Canada L5N 8G6
800.668.5360
905.789.1030 • Fax 905.802.9423

Hendrickson Mexicana
Circuito El Marqués Sur #29
Parque Industrial El Marqués
Pob. El Colorado, Municipio El Marqués,
Querétaro, México C.P. 76246
+52 (442) 296.3600 • Fax +52 (442) 296.3601

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