

PARTS LIST

COMFORT AIR® Single Rear Air Suspension for Blue Bird Buses

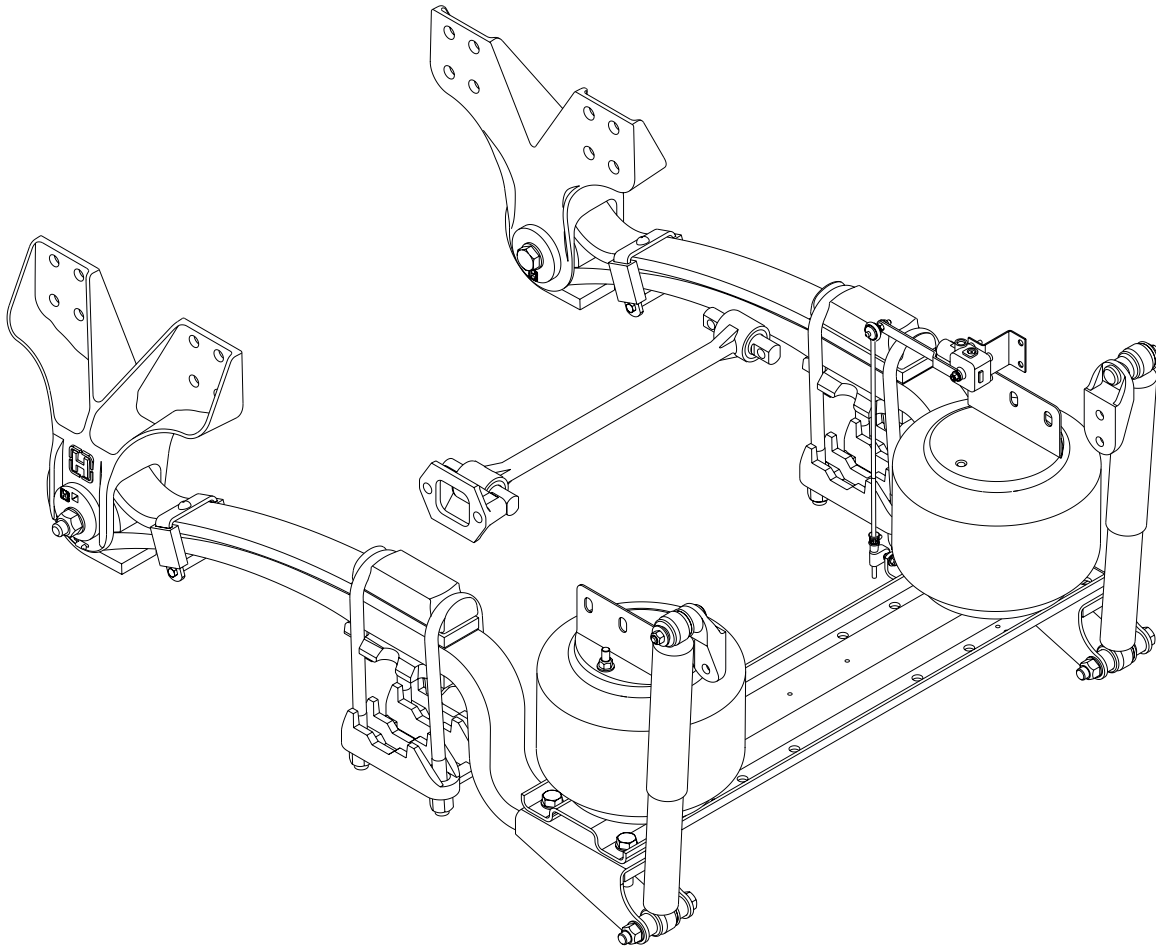
LIT NO: SP-173

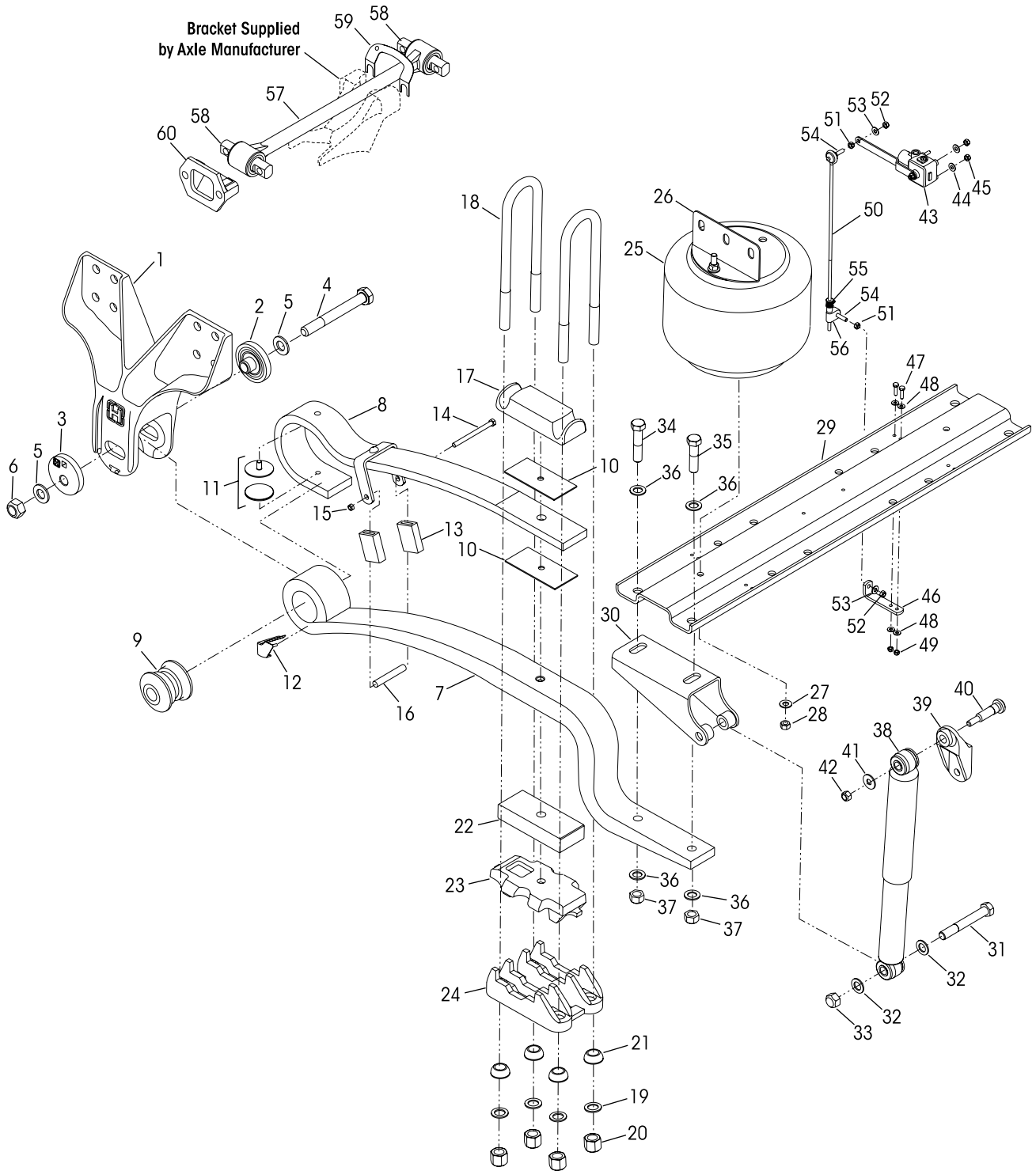
DATE: February 2017

REVISION: F

CONTENTS

DESCRIPTION	PAGE
Parts Lists	2
Special Tools	4







KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	60784-000	Frame Hanger	2	24		Axle Bottom Cap	2
	60632-038	QUIK-ALIGN Pivot Bushing Service Kit, Axle Set. Includes Key Nos. 2-6, 9, 11, 61			57024-000	2-5° Pinion Angle LH/RH - Meritor RS15-120	
	34013-103	QUIK-ALIGN Pivot Bushing Service Kit, One Side. Includes Key Nos. 4-6, 9, 11, 61			50216-000	0-9½° Pinion Angle LH/RH - Meritor RS21-145, RS23-160, Negative 0-9½° Angle LH/RH - Meritor RC23-160	
	60632-013	QUIK-ALIGN® Collar Service Kit, Axle Set. Includes Key Nos. 2-6 <i>Replaces 60632-001</i>				Air Spring Assembly, Includes Key Nos. 25-26 and Fasteners	2
2	64633-000	QUIK-ALIGN Concentric Collar	3		60925-002	CA 15K • 21K • 23K	
3	64632-000	QUIK-ALIGN Eccentric Collar	1		60929-002	Front Engine, CA 21K • 23K	
4	68217-000	1"-14 UNF x 7½" Bolt, <i>Replaces 64107-000</i>	2	25		*Air Spring	2
5	68232-000	1" Hardened Washer, <i>Replaces 22962-035</i>	4	26	57096-002	Air Spring Bracket	2
6	68218-000	1"-14 UNF Locknut, <i>Replaces 64108-000</i>	2		49177-006	Lower Air Spring Fastener Service Kit, Includes Key Nos. 27-28	
	60779-000	Main Support Assembly, Includes Key Nos. 7-16	2	27	22962-014	½" Flat Washer	2
7		*Main Support Member	2	28	17700-010	½"-13 UNC Nylocknut	2
8		*Secondary Leaf	2	29		Cross Channel – 40" Axle Dowel Pin Centers	1
9	58648-000L	QUIK-ALIGN Pivot Bushing	2		57317-001	Standard	
10	37674-051	Liner	4		64399-001	For Differential Relief	
	49175-026	Spring Clip Fastener Service Kit, One Side, Includes Key Nos. 11, 13-16			67156-001	Square Tube for Rear Engine, Propane	
11	64817-000	Plastic Isolator Puck	4		57356-000	Lower Shock Bracket Assembly, Includes Key Nos. 30-33	2
12	60392-000	Spring Eye Clip	2	30		*Lower Shock Bracket	2
13	64272-000	Spring Clip Sleeve	4	31	50764-002	¾"-10 UNC x 5½" Bolt	2
14	37042-006	¾"-14 UNC Bolt, <i>Replaces 37042-002</i>	2	32	22962-001	¾" Hardened Washer	4
15	37587-000	¾"-14 UNC Nut	2	33	49842-000	¾"-10 UNC Locknut	2
16		*Clip Bolt Spacer	2		50763-004	Cross Channel Fastener Service Kit, Axle Set, Includes Key Nos. 34-37	
17		Top Pad	2	34	50764-003	¾"-10 UNC x 3½" Bolt	2
	56805-000	21K, 23K lb. Capacity		35	50764-005	¾"-10 UNC x 3" Bolt	2
	57724-000	15K lb. Capacity		36	22962-001	¾" Hardened Washer	8
		U-bolt Service Kit, Axle Set		37	49842-000	¾"-10 UNC Locknut	4
	48718-023	⅞" - 21K, 23K w/o Tire Chains, Includes Key Nos. 18a-20a, 21		38	60998-003	Shock Absorber, <i>Replaces 60998-001</i>	2
	48718-002	⅞" - 23K, Includes Key Nos. 18b, 19a-20a, 21		39	67463-002	Upper Shock Bracket	2
	48718-103	⅞" - 21K, 23K w/o Tire Chains, Includes Key Nos. 18c, 19a-20a, 21		40	50764-010	¾"-10 UNC Serrated Shank Bolt	2
	48718-152	⅞" - 23K, Includes Key Nos. 18d, 19a-20a, 21		41	22962-001	¾" Hardened Washer	2
	48718-104	¾" - 15K lb. Capacity, Includes Key Nos. 18e, 19b-20b		42	49842-000	¾"-10 UNC Locknut	2
18		U-bolt	4		59013-000	Height Control Valve Service Kit, Axle Set, Includes Key Nos. 43-45	
a	47417-007	⅞"-14 UNF x 15"		43		*Height Control Valve	1
b	47417-001	⅞"-14 UNF x 16¼"		44		*¼" Hardened Washer	2
c	47417-004	⅞"-14 UNF x 17¼"		45		*¼"-20 UNC Locknut	2
d	47417-009	⅞"-14 UNF x 18"				HCV Linkage Lower Bracket Service Kit	
e	49684-014	¾" 16 UNF x 16" - 15K lb. Capacity			57430-000	All Except Rear Engine, Includes Key Nos. 46a-49	
19		Hardened Flat Washer	8		57430-003	Rear Engine Only, Includes Key Nos. 46b-49	
a	22962-002	⅞" - 21K, 23K lb. Capacity		46		HCV Linkage Bracket	1
b	22962-001	¾" - 15K lb. Capacity		a	56789-000	All Except Rear Engine	
20		U-bolt Locknut	8	b	58367-000	Rear Engine	
a	50765-000	⅞" 14 UNF - 21K, 23K lb. Capacity		47	56935-001	¼"-20 UNC x 1 ¼" Bolt	2
b	49685-000	¾" 16 UNF - 15K lb. Capacity		48	22962-028	¼" Hardened Washer	4
21	48574-000	Spherical Washer	8	49	49983-000	¼"-20 UNC Locknut	2
22		Spacer	As Req.		58994-XXX	HCV Linkage Assembly, Specify Length, Includes Key Nos. 50-56	1
	48531-014	1½"		50		*HCV Linkage Rod	1
	76863-000	2½"		51		*⅝"-18 UNC Jam Nut	2
23		Spring Seat	2	52		*⅝"-18 UNC Locknut	2
	57022-010	Meritor RS15-120 - 4½° Pinion Angle LH/RH		53		*⅝"-18 Hardened Washer	2
		Meritor RS21-145, RS23-160		54		*⅝"-18 UNC Stud	2
	56501-001	2° Pinion Angle LH/RH, 8.5" Ride Ht.		55		*Valve Arm Clamp	1
	56501-002	2.5° Pinion Angle LH/RH		56		*Adjustable Valve Arm Joint	1
	56501-006	4.5° Pinion Angle LH/RH, 8.5" Ride Ht.		57	62000-XXX	Transverse Torque Rod Assembly, Specify Length	1
	56501-009	6° Pinion Angle LH/RH		58	47691-000L	Torque Rod Bushing	2
	56501-020	4.5° Pinion Angle LH/RH, 10.5" Ride Ht.		59	49689-000L	Torque Rod Shim	As Req.
	56501-021	0° Pinion Angle LH/RH		60	22186-000	Transverse Torque Rod Frame Bracket	1
	56501-022	2° Pinion Angle LH/RH, 10.5" Ride Ht.		61	70867-001	P-80 Lubricant - 10 ml (Not Shown)	As Req.
		Meritor RC23-160					
	56501-020	Negative 4.5° Pinion Angle LH/RH					

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

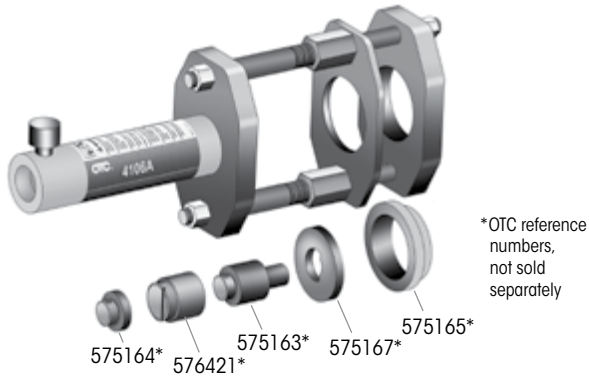


■ Special Tools

D-PIN / QUIK-ALIGN PIVOT BUSHING SERVICE TOOLS

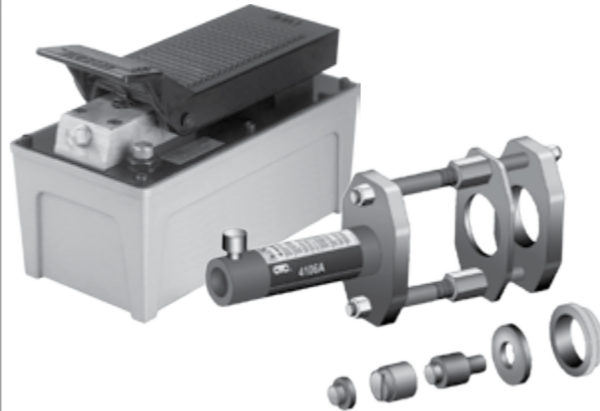
Hendrickson Part No. 66086-202

OTC Part No. 4246 Visit otctools.com



Hendrickson Part No. 66086-204

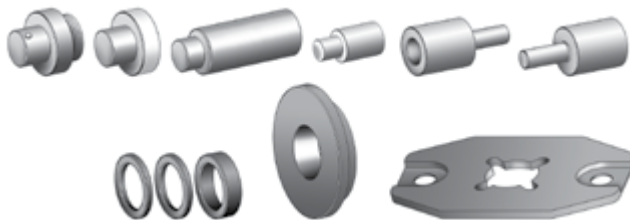
OTC Part No. 4247 Visit otctools.com



Hendrickson Part No. 66086-205

OTC Part No. 4254 Visit otctools.com

NOTE: In conjunction with Hendrickson Part No. 66086-204 (OTC 4247) this additional adapter tool kit is available to purchase to be used on Hendrickson SOFTEK NXT suspension (not needed for this suspension)



QUIK-ALIGN PIVOT BUSHING SERVICE TOOL

Hendrickson Part No. 66086-203L



QUIK-ALIGN SOCKET TOOL

Hendrickson Part No. 66086-200

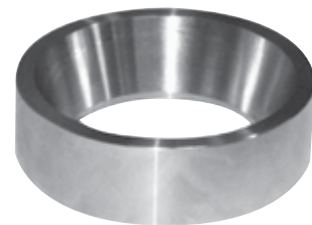
OTC Part No. 1767

Visit otctools.com



ULTRA ROD TORQUE ROD BUSHING FUNNEL TOOL

Hendrickson Part No. 66086-001



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



Truck Commercial Vehicle Systems
800 South Frontage Road
Woodridge, IL 60517-4904 USA

1.866.755.5968 (Toll-free U.S. and Canada)
630.910.2800 (Outside U.S. and Canada)
Fax 630.910.2899