

INSTA **CHAIN™** *The AUTOMATIC ICECHAIN*

2019 PARTS CATALOG



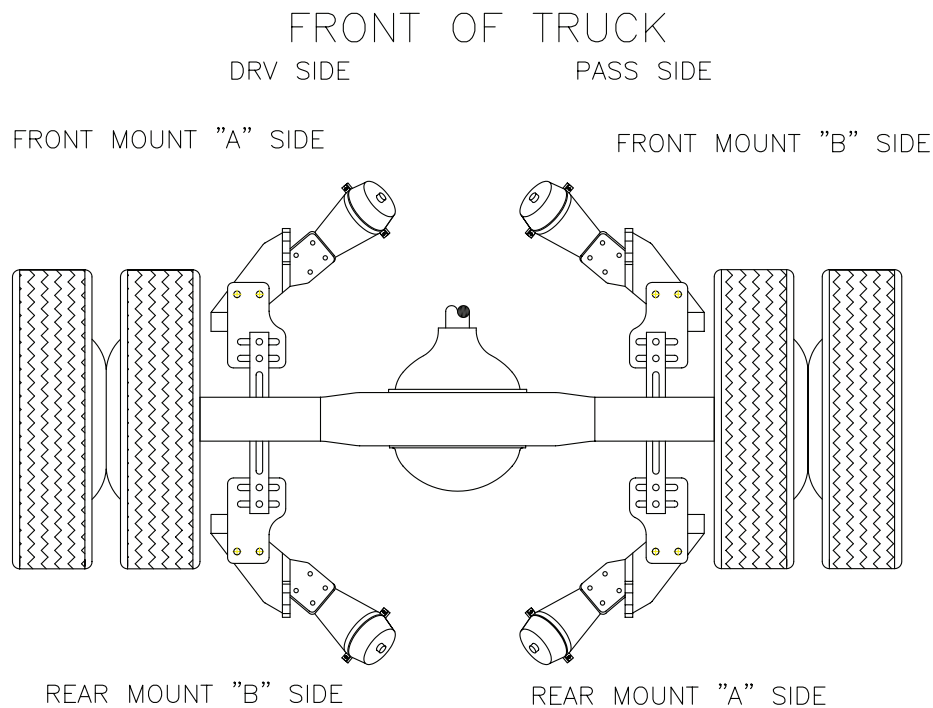
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INTRODUCTION

Welcome to the Insta-Chain catalog and thank you for your interest in our product. We would like you to make note of the following items as they may have changed or you may be unfamiliar with our product.

1. You will note that in the part numbers instead of seeing L and R, you will see A and B. This is due to how the Insta-Chain Units can mount either in front or behind the axle. For example: if your Chain Unit is mounted in FRONT of the axle the Left side would be the "A" side and the Right side would be the "B" side. If your Chain Unit is mounted to the REAR of the axle then the Left side would be the "B" side and the Right side would be the "A" side (see diagram below).

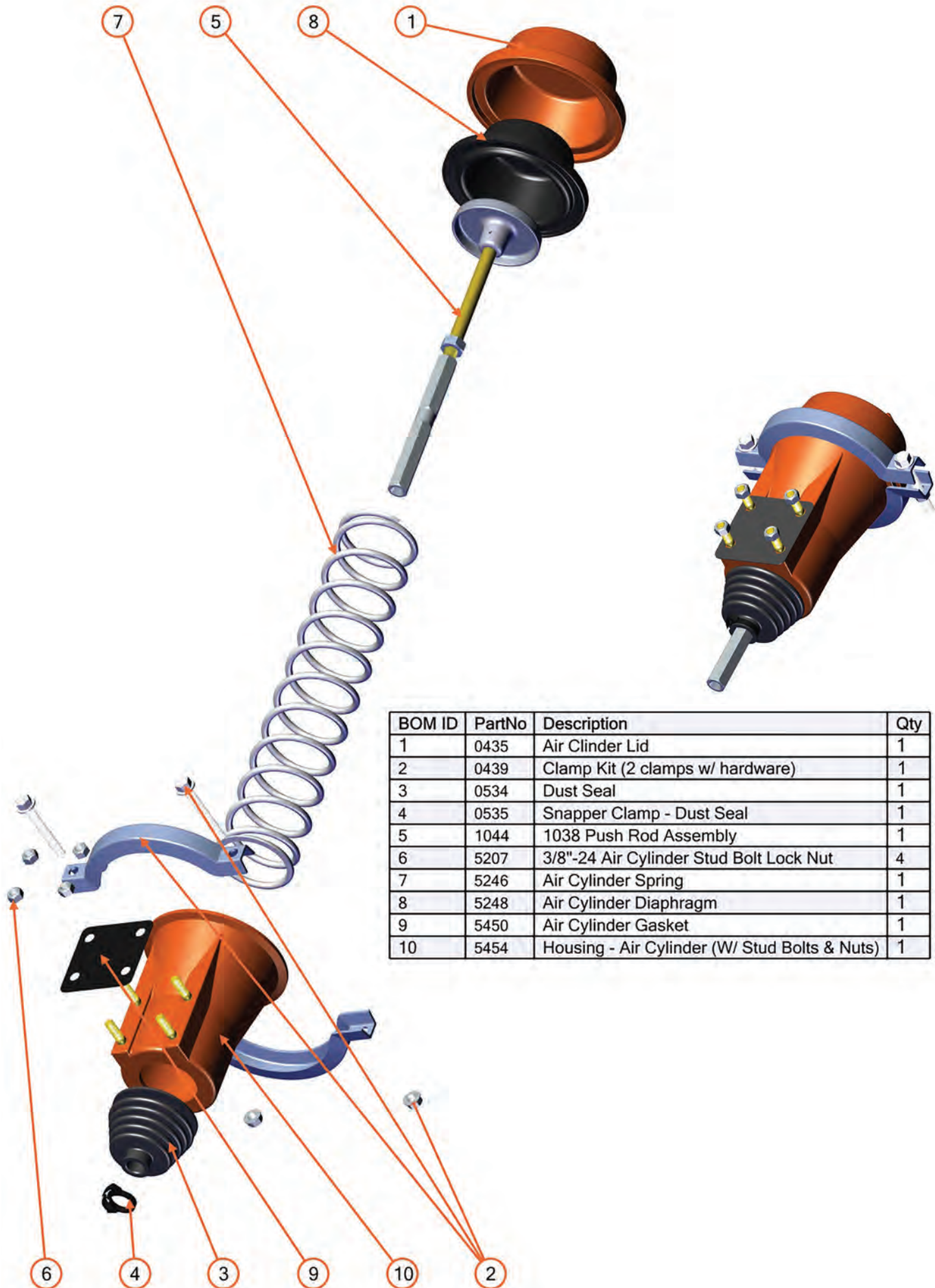


*****NOTE*****

Some parts are listed as "A" side and some listed as "B" side, please note this. To order the opposite side just change the suffix from "A" to "B" or vice versa.

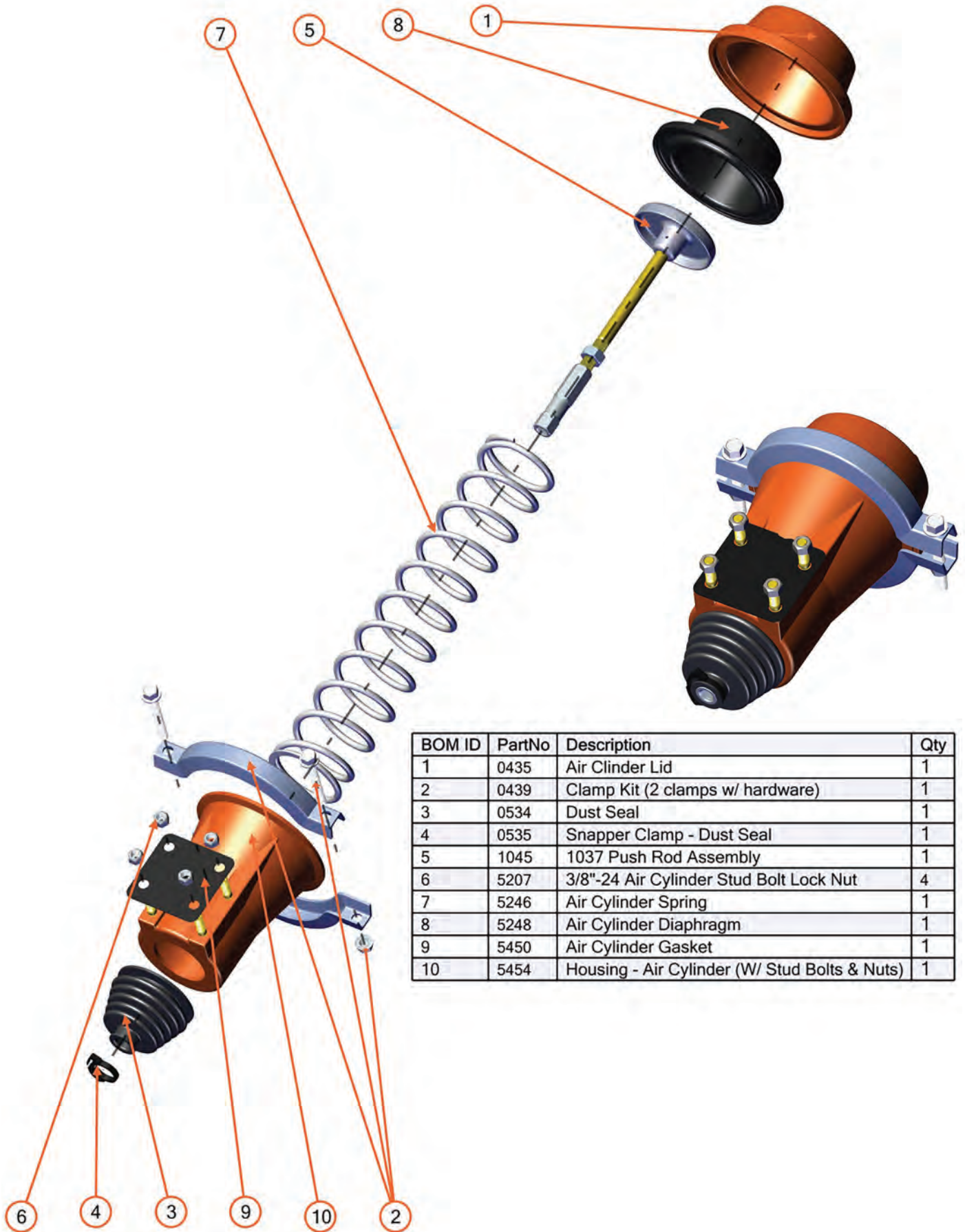
The Part Number for a full set of units includes both "A" & "B" sides and does not have a suffix: ie 05-6350 includes 05-6350-A & 05-6350-B.

1038 - AIR CYLINDER



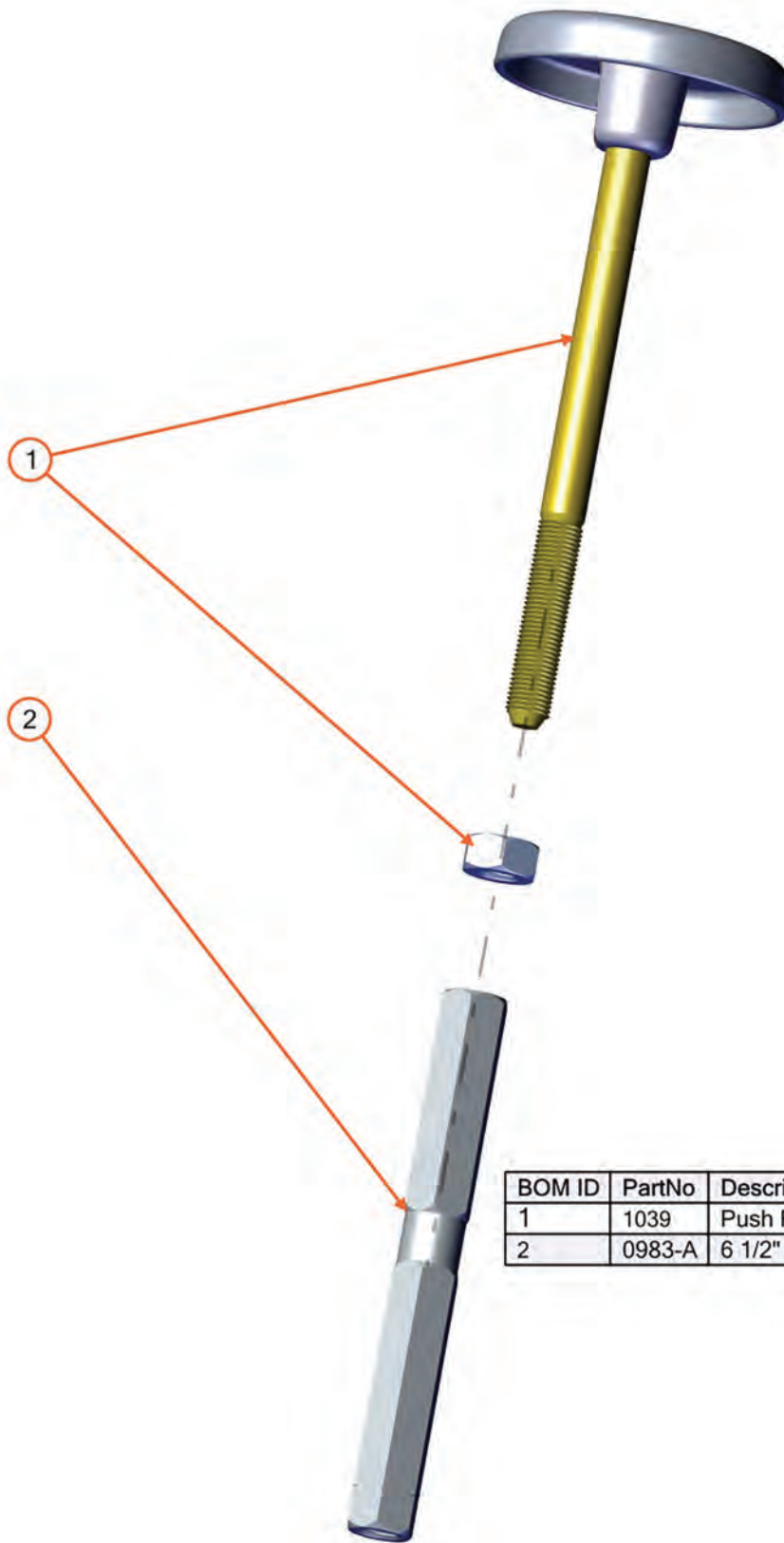
BOM ID	PartNo	Description	Qty
1	0435	Air Clinder Lid	1
2	0439	Clamp Kit (2 clamps w/ hardware)	1
3	0534	Dust Seal	1
4	0535	Snapper Clamp - Dust Seal	1
5	1044	1038 Push Rod Assembly	1
6	5207	3/8"-24 Air Cylinder Stud Bolt Lock Nut	4
7	5246	Air Cylinder Spring	1
8	5248	Air Cylinder Diaphragm	1
9	5450	Air Cylinder Gasket	1
10	5454	Housing - Air Cylinder (W/ Stud Bolts & Nuts)	1

1037 - AIR CYLINDER



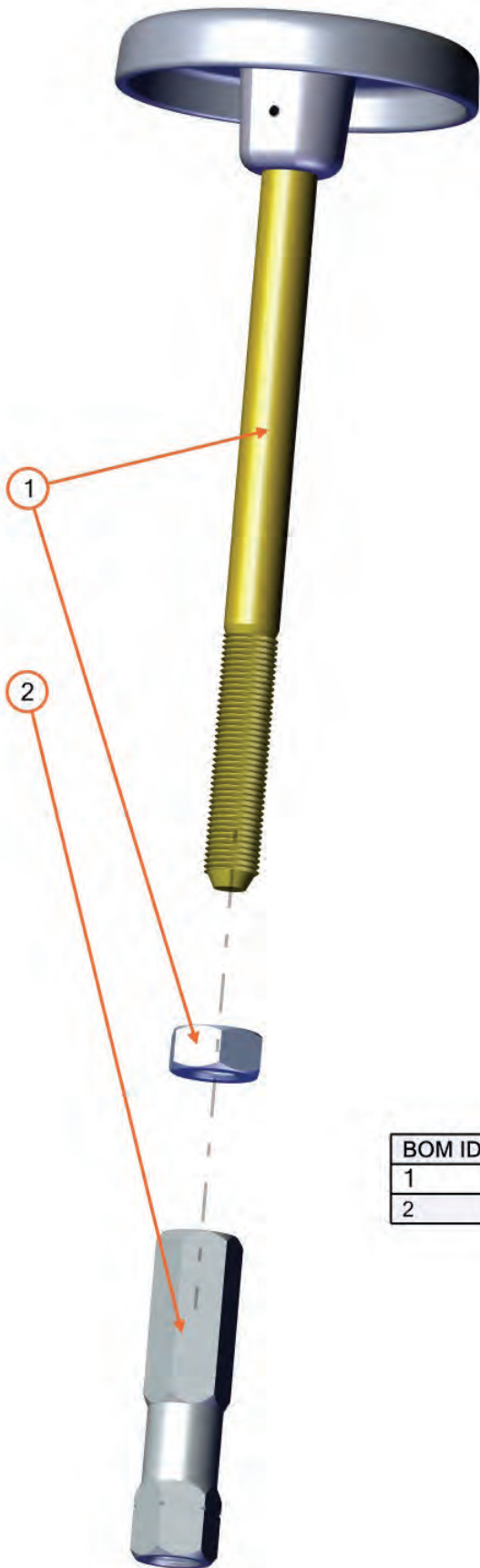
BOM ID	PartNo	Description	Qty
1	0435	Air Clinder Lid	1
2	0439	Clamp Kit (2 clamps w/ hardware)	1
3	0534	Dust Seal	1
4	0535	Snapper Clamp - Dust Seal	1
5	1045	1037 Push Rod Assembly	1
6	5207	3/8"-24 Air Cylinder Stud Bolt Lock Nut	4
7	5246	Air Cylinder Spring	1
8	5248	Air Cylinder Diaphragm	1
9	5450	Air Cylinder Gasket	1
10	5454	Housing - Air Cylinder (W/ Stud Bolts & Nuts)	1

1044 - PUSH ROD ASSEMBLY



BOM ID	PartNo	Description	Qty
1	1039	Push Rod	2
2	0983-A	6 1/2" Ext Coupling - use w/ 1038 Air Cylinder	1

1045 - PUSH ROD ASSEMBLY

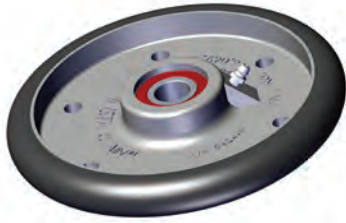


BOM ID	PartNo	Description	Qty
1	1039	Push Rod	2
2	0984-A	3 1/4" Ext Coupling - For use with 1037 Air Cylinder	1

Chain Wheels

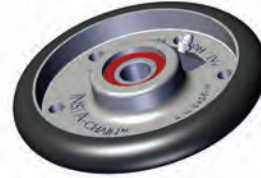
5424-W

Large Chain Wheel
7 1/4" Diameter

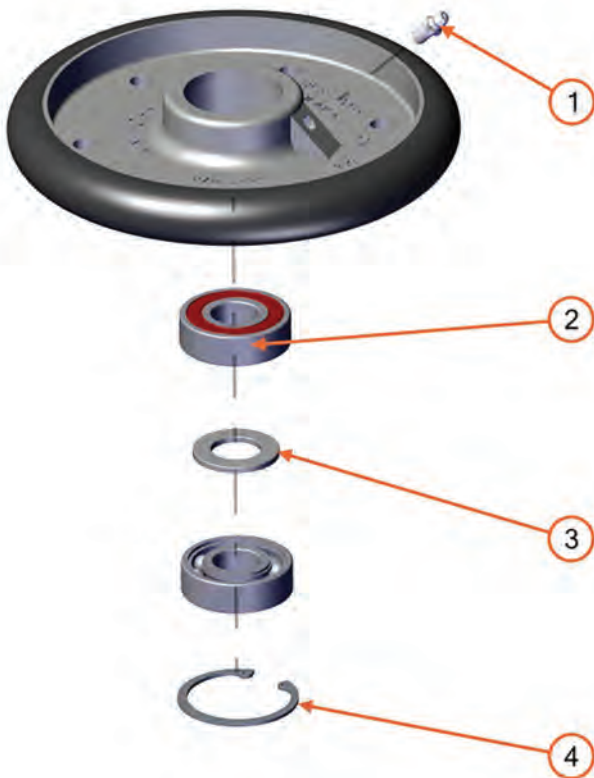


5425-W

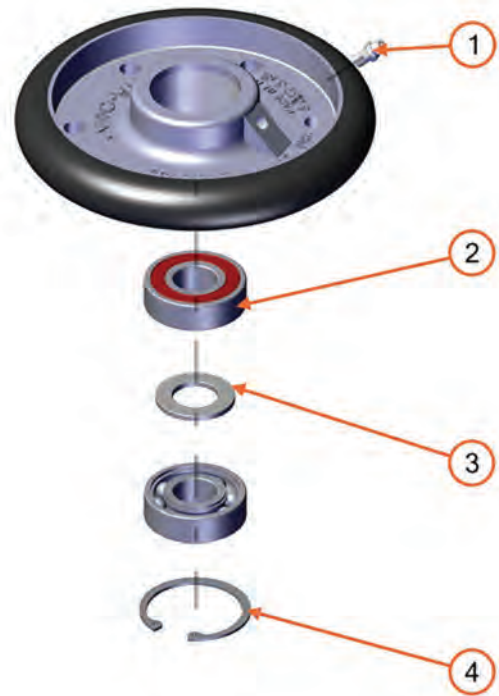
Small Chain Wheel
6 1/4" Diameter



Chain Wheel Parts Breakdown

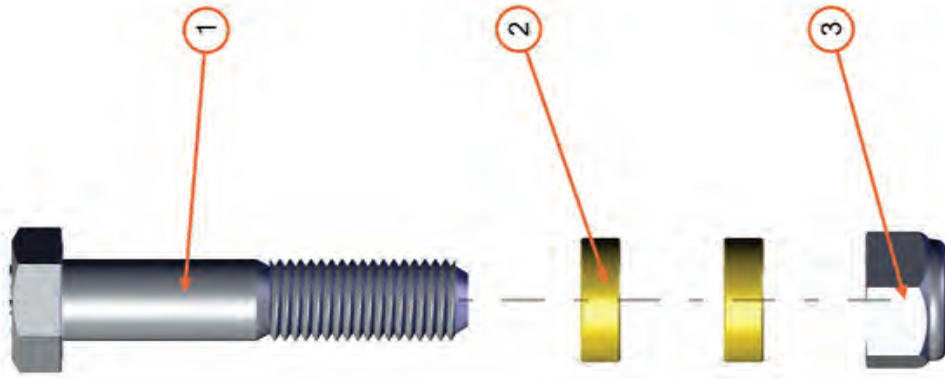


BOM ID	PartNo	Description	Qty
1	5411	Grease Zerk	1
2	5024	Chain Wheel Bearing	2
3	5027	Chain Wheel Bearing Spacer	1
4	5026	Chain Wheel Lock Ring	1



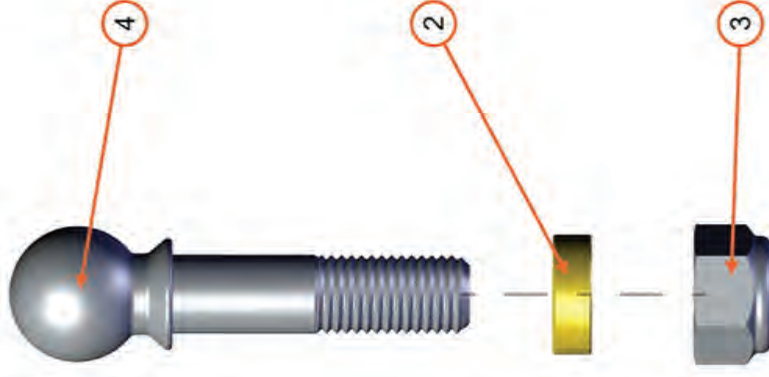
BOM ID	PartNo	Description	Qty
1	5411	Grease Zerk	1
2	5024	Chain Wheel Bearing	2
3	5027	Chain Wheel Bearing Spacer	1
4	5026	Chain Wheel Lock Ring	1

5232 - Standard Chain Wheel Hardware Kit



BOM ID	PartNo	Description	Qty
1	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
2	0450-W	Chain Wheel Spacer	2
3	5211	M20x2.5MM - NyLock Chain Wheel Nut	1

5234 - Adjustable Chain Wheel Hardware Kit



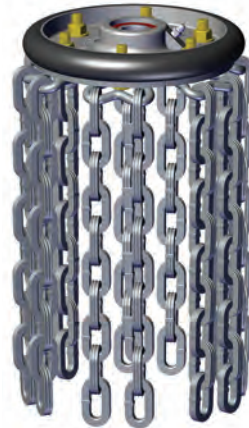
BOM ID	PartNo	Description	Qty
2	0450-W	Chain Wheel Spacer	1
3	5211	M20x2.5MM - NyLock Chain Wheel Nut	1
4	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1

Chain Wheel Hardware

Chain Wheels - Complete



0961 - Large Chain Wheel
Complete - Single Chain
6 Chain Strands
7 1/4" Diameter Chain Wheel



0962 - Large Chain Wheel
Complete - Double Chain
12 Chain Strands
7 1/4" Diameter Chain Wheel

**0969 - Large Chain Wheel
Spark Resistant**
Complete - Single Chain
6 Chain Strands
7 1/4" Diameter Chain Wheel

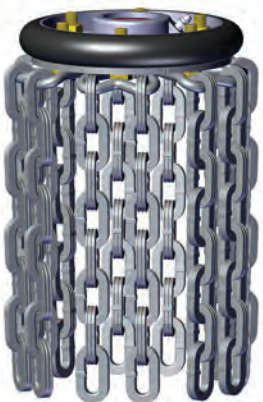
**09669 - Large Chain Wheel
Spark Resistant**
Complete - Double Chain
12 Chain Strands
7 1/4" Diameter Chain Wheel



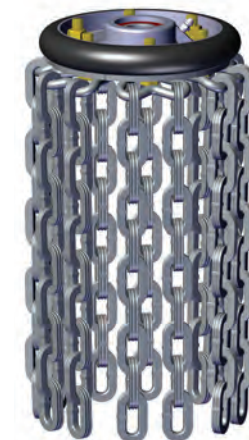
0963-8 - Small Chain Wheel
Complete - Single Chain
6 Chain Strands
6 1/4" Diameter Chain Wheel



0963-10 - Small Chain Wheel
Complete - Single Chain
6 Chain Strands
6 1/4" Diameter Chain Wheel



0963-10 - Small Chain Wheel
Complete - Double Chain
12 Chain Strands
6 1/4" Diameter Chain Wheel



0968-10 - Small Chain Wheel
Complete - Double Chain
12 Chain Strands
6 1/4" Diameter Chain Wheel

Replacement Chain Strands

Chain Strands include Chain Plate Bolt and Lock Nut

Stainless Steel (Spark Resistant) Chain options available. Please call for further information.

Large Single Strand

0951 - LS7 Chain Strand
0951-K - 6 Piece Pack

0959 - LS7 Spark Resistant
0959-K - 6 Piece Pack



Large Double Strand

0952 - LD7 Chain Strand
0952-K - 6 Piece Pack

09569 - LD7 Spark Resistant
09569-K - 6 Piece Pack



Small Single Strand

0953-8 - SS7 Chain Strand
0953-8K - 6 Piece Pack



Small Double - 8 Link Strand

0958-8 - SD7 Chain Strand
0958-8K - 6 Piece Pack



Small Single - 10 Link Strand

0953-10 - SS7 Chain Strand
0953-10K - 6 Piece Pack

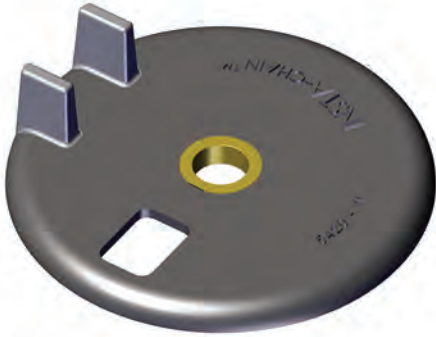


Small Double - 10 Link Strand

0958-10 - SD7 Chain Strand
0958-10K - 6 Piece Pack

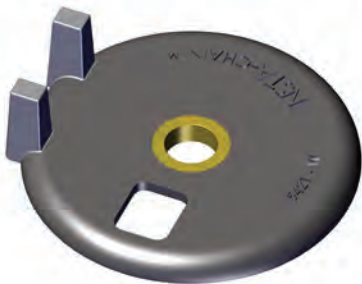


Chain Wheels Covers



5420-W - Large Chain Wheel Cover

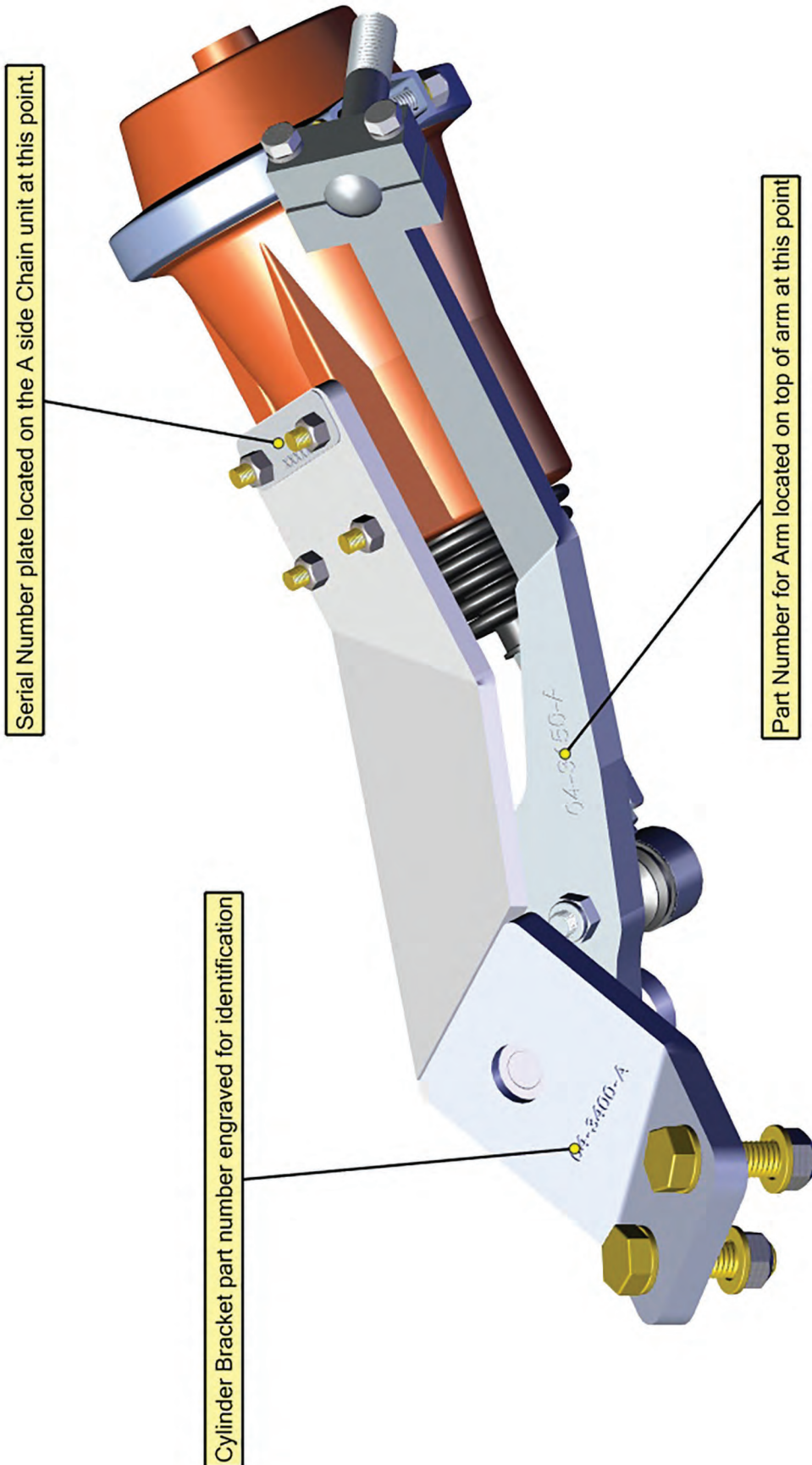
For Use with
0961, 0962, 0969, 09669



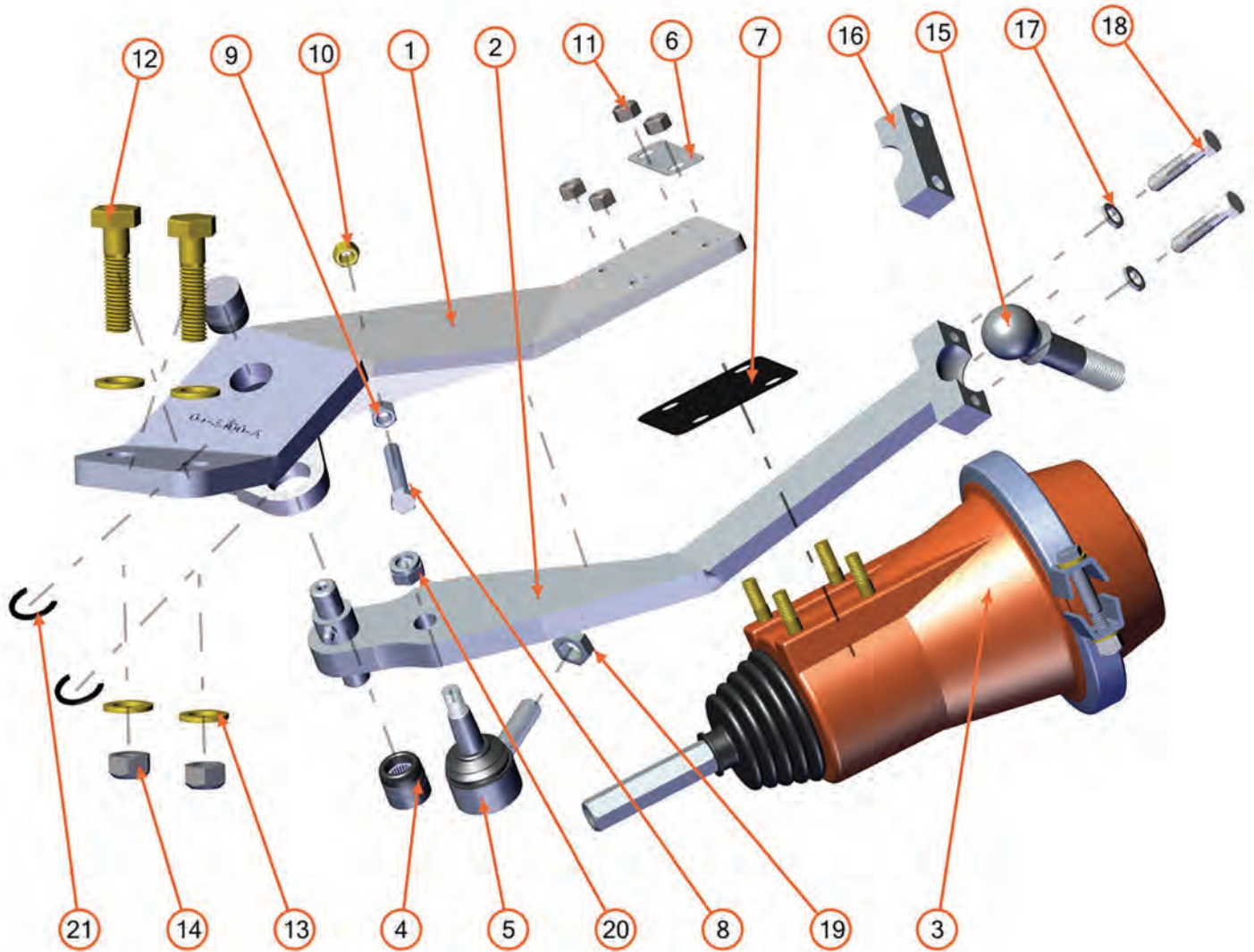
5421-W - Small Chain Wheel Cover

For Use with
0963-8, 0963-10, 0968-8, 0968-10

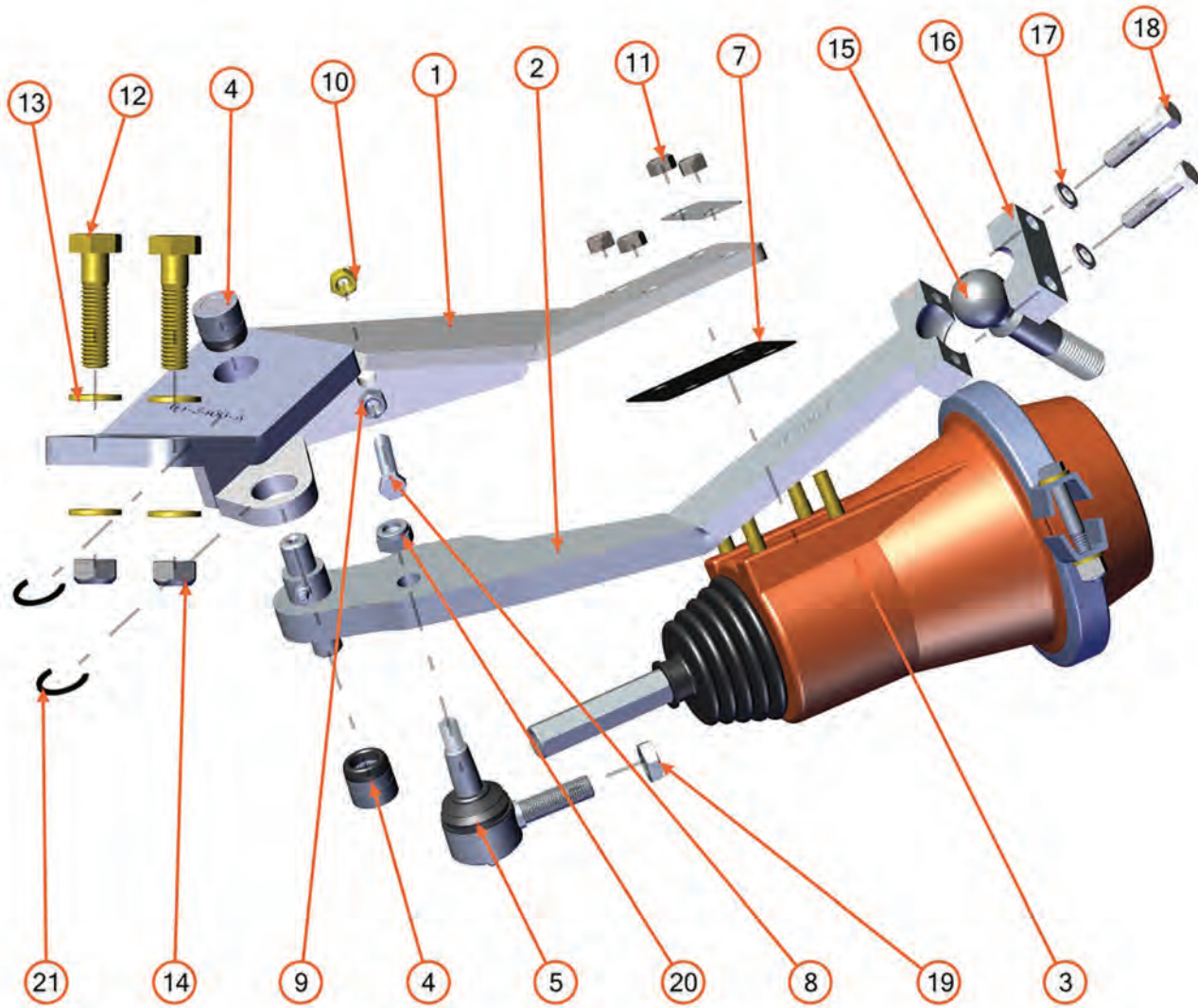
Chain Unit Identification



04-6350-A

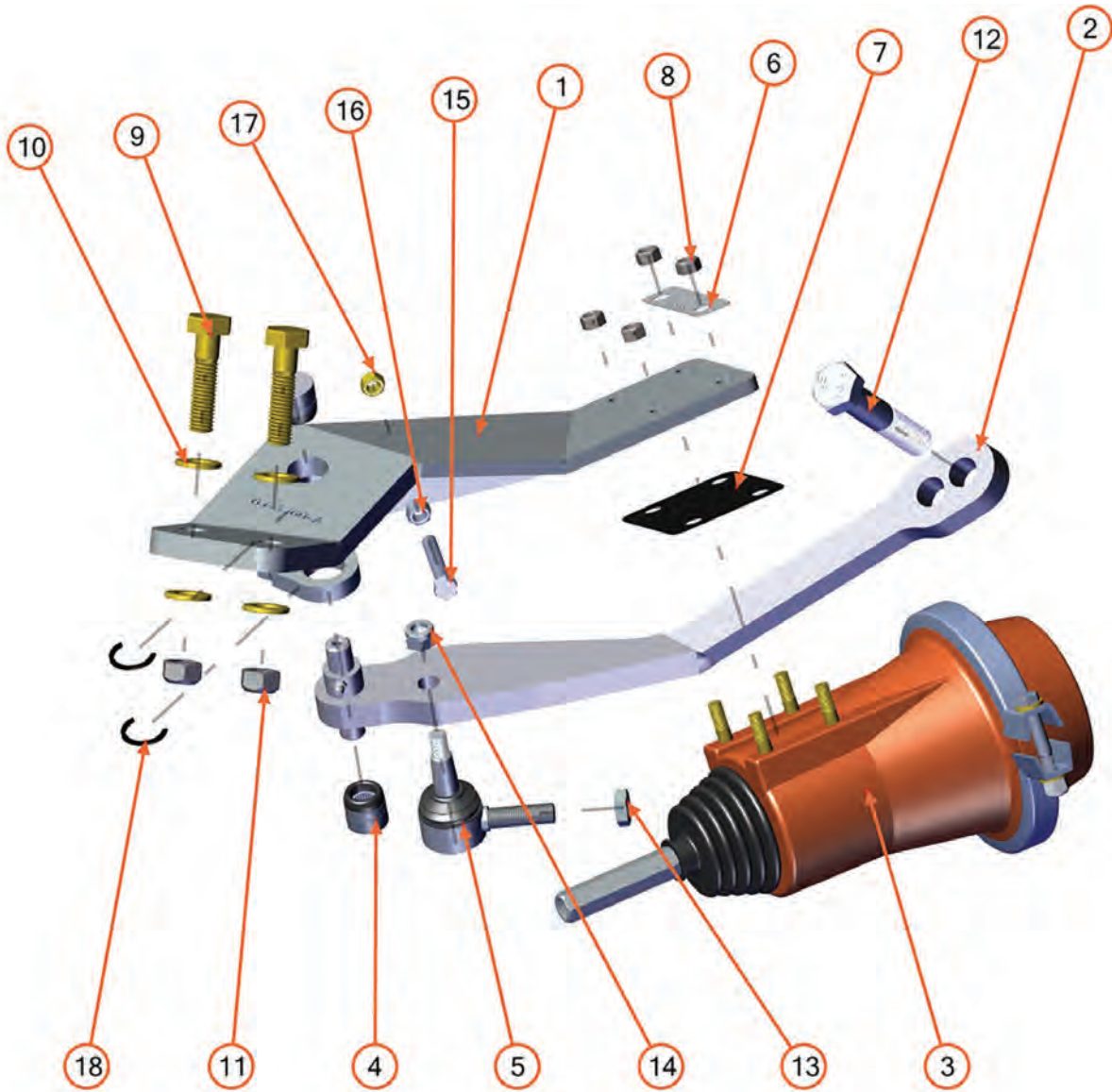


BOM ID	PartNo	Description	Qty
1	04-3400-A	Cylinder Bracket - A Side - 04-3400	1
2	04-3150-A	Adjustable Arm - A Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Snap Ring - Included with Needle Bearing	2

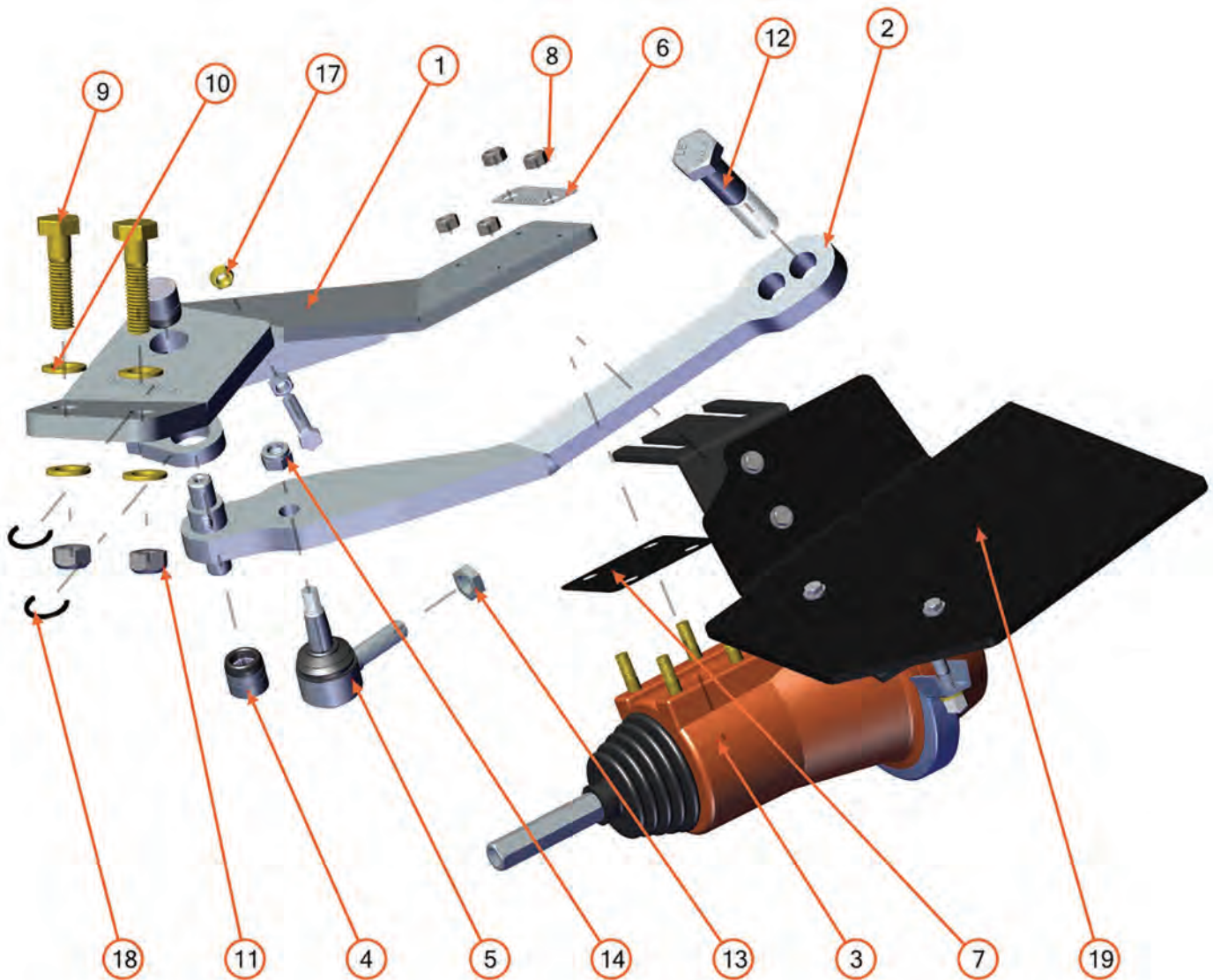


BOM ID	PartNo	Description	Qty
1	04-3400-A	Cylinder Bracket - A Side - 04-3400	1
2	14-3150-A	Adjustable Arm - A Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Snap Ring - Included with Needle Bearing	2

04/14-6300-A

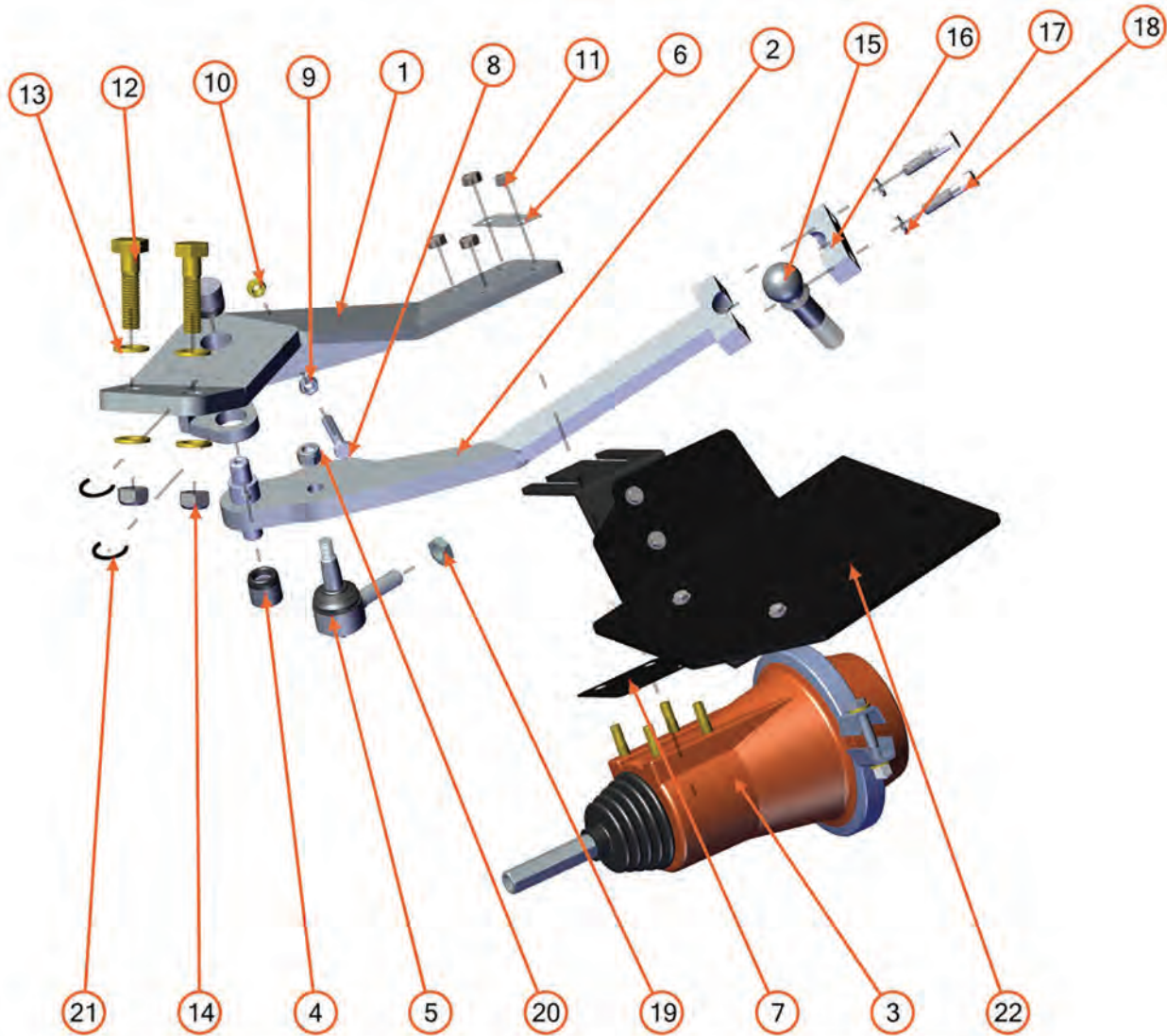


BOM ID	PartNo	Description	Qty
1	04-3400-A	Cylinder Bracket - A Side - 04-3400	1
2	04/14-3100-A	Standard Arm - A Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
15	5129	Arm Stop Bolt	1
16	5128	Arm Stop Bolt Jam Nut	1
17	5130	Arm Stop Bolt Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2

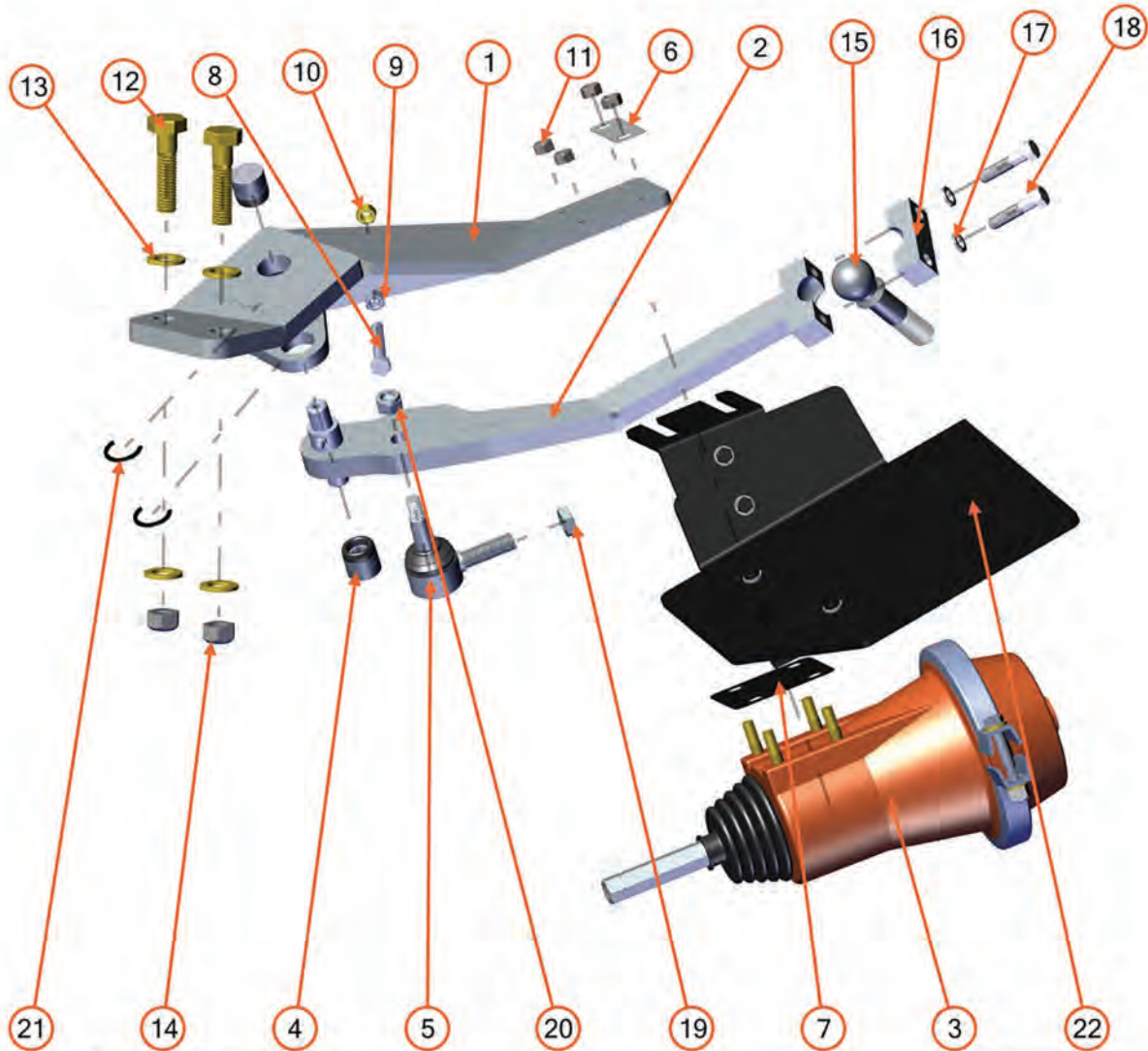


BOM ID	PartNo	Description	Qty
1	06-3400-A	Cylinder Bracket - A Side - 06-3400	1
2	06/16-3100-A	Standard Arm - A Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
17	5130	Arm Stop Bolt Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	06-8000-A	A Side Chain Tray	1

06-6350-A

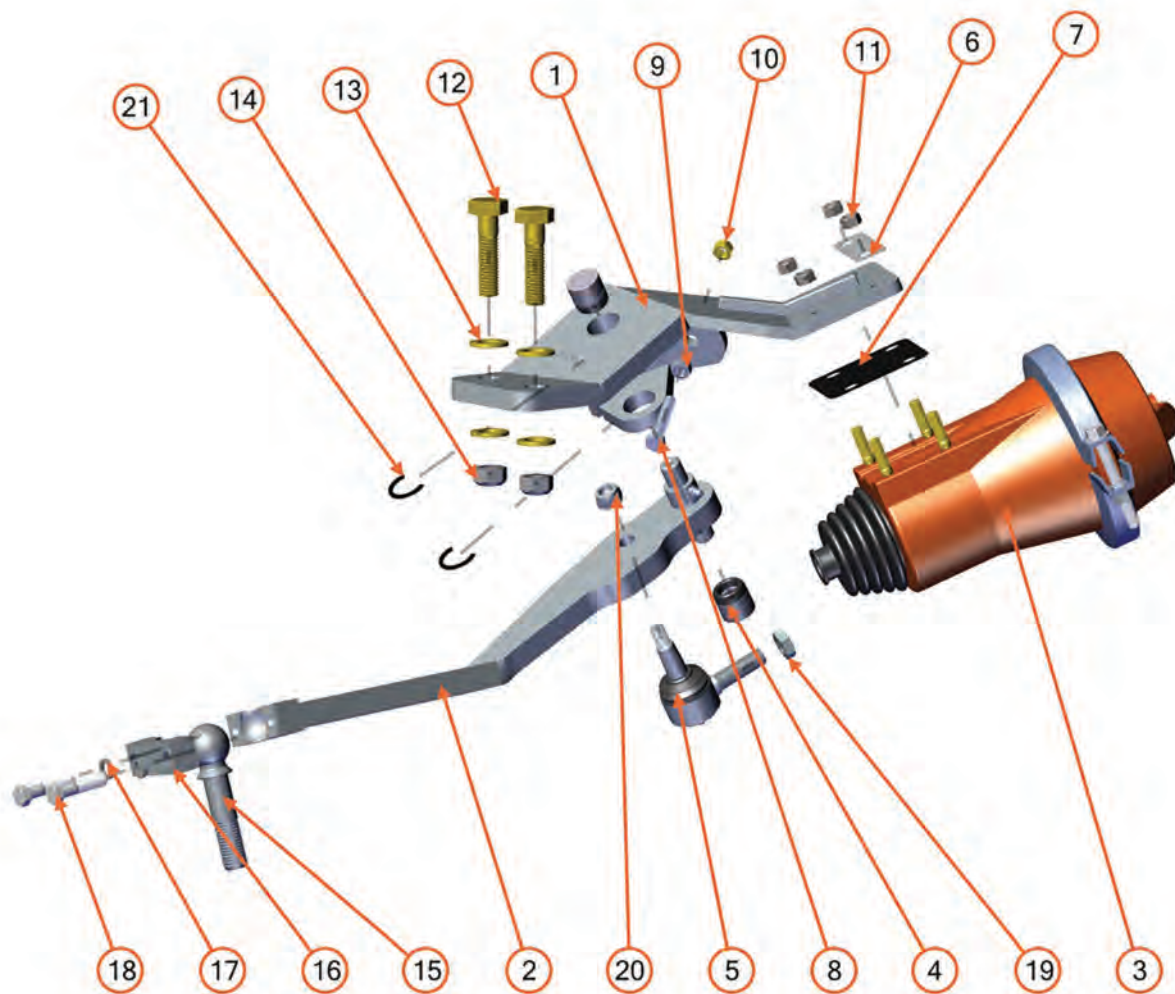


BOM ID	PartNo	Description	Qty
1	06-3400-A	Cylinder Bracket - A Side - 06-3400	1
2	06-3150-A	Adjustable Arm - A Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
22	06-8000-A	A Side Chain Tray	1

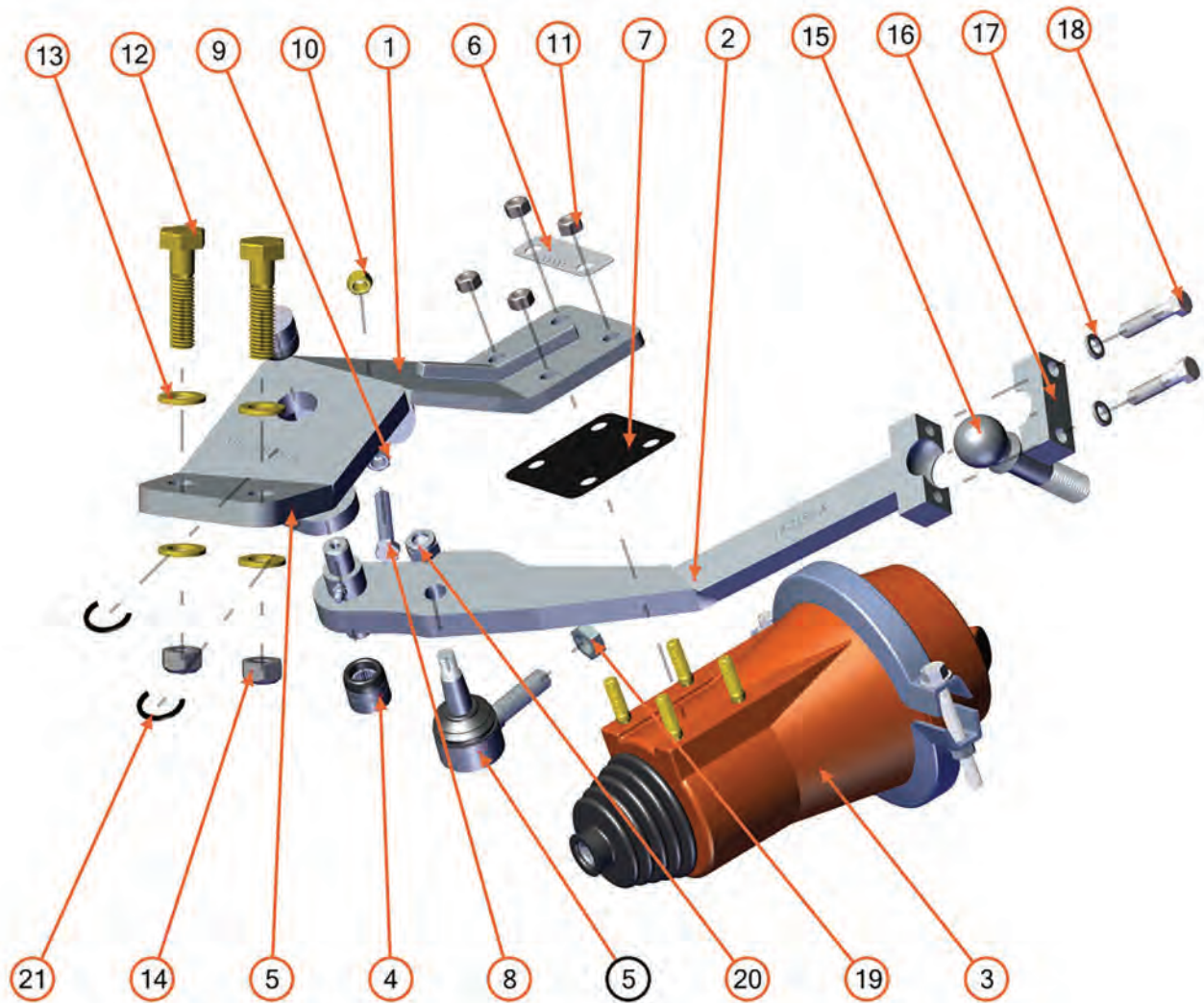


BOM ID	PartNo	Description	Qty
1	06-3400-A	Cylinder Bracket - A Side - 06-3400	1
2	16-3150-A	Adjustable Arm - A Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt - Included w/ Chain Unit	2
13	0625	5/8" Grade 8 Flat Washer - Included w/ Chain Unit	4
14	0226	5/8" Grade 8 Lock Nut - Included w/ Chain Unit	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
22	06-8000-A	A Side Chain Tray	1

08-6350-A

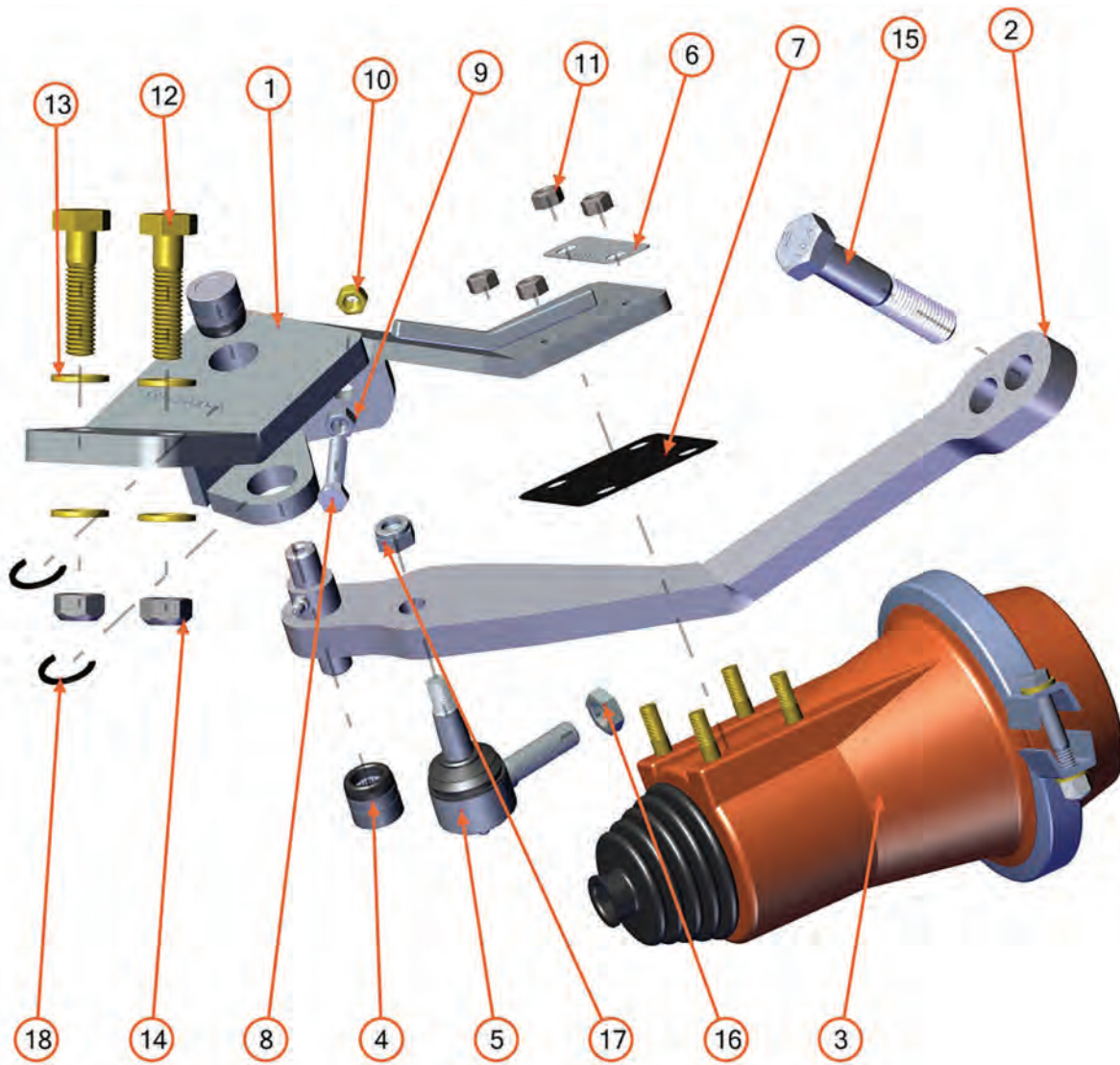


BOM ID	PartNo	Description	Qty
1	08-3400-A	Cylinder Bracket - A Side - 08-3400	1
2	04-6350-A	Adjustable Arm - A Side	1
3	1037	Air Cylinder - 02/42/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt - Included w/ Chain Unit	2
13	0625	5/8" Grade 8 Flat Washer - Included w/ Chain Unit	4
14	0226	5/8" Grade 8 Lock Nut - Included w/ Chain Unit	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2

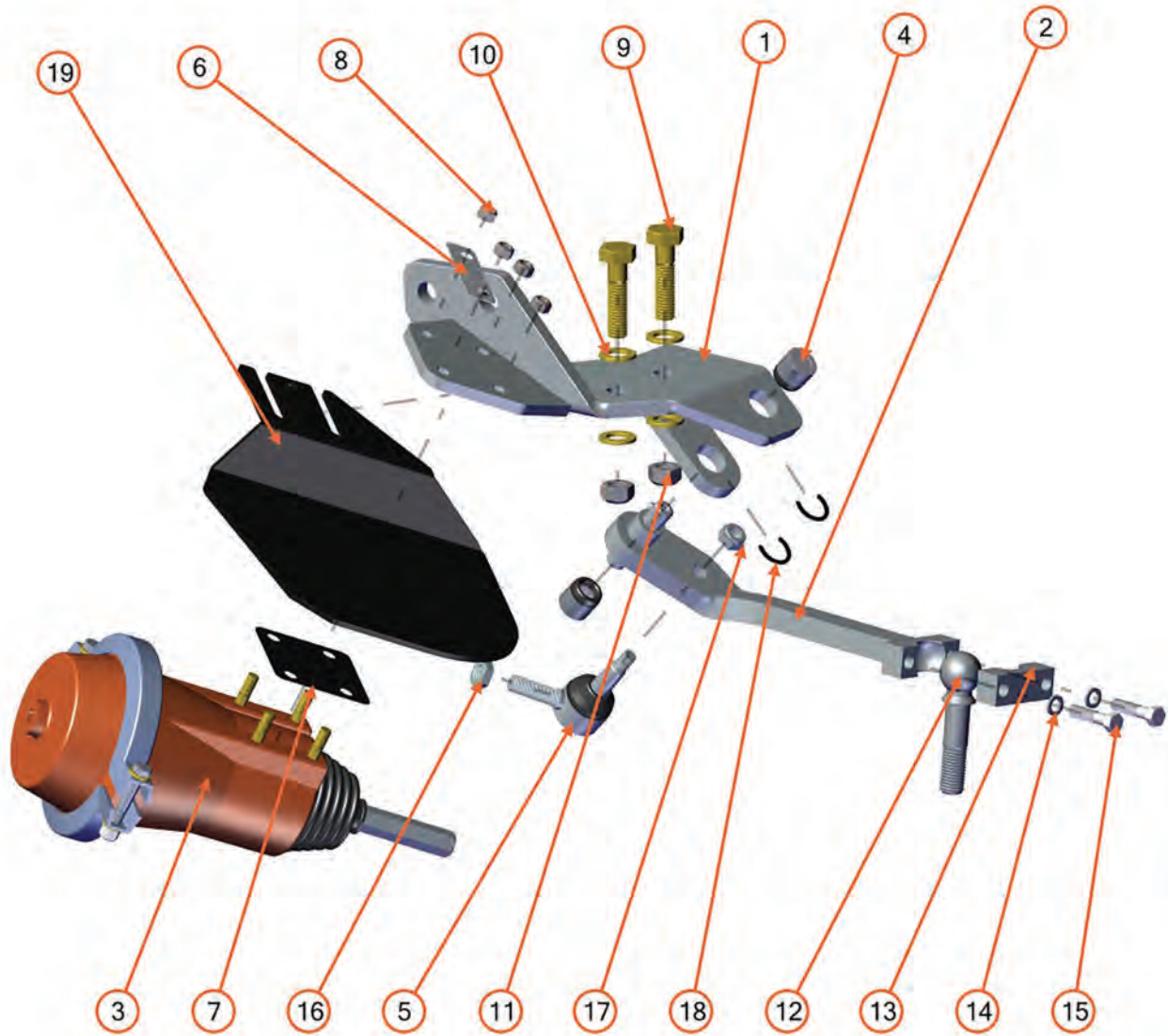


BOM ID	PartNo	Description	Qty
1	08-3400-A	Cylinder Bracket - A Side - 08-3400	1
2	14-3150-A	Adjustable Arm - A Side	1
3	1037	Air Cylinder - 02/42/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Snap Ring - Included with Needle Bearing	2

08/18-6300-A

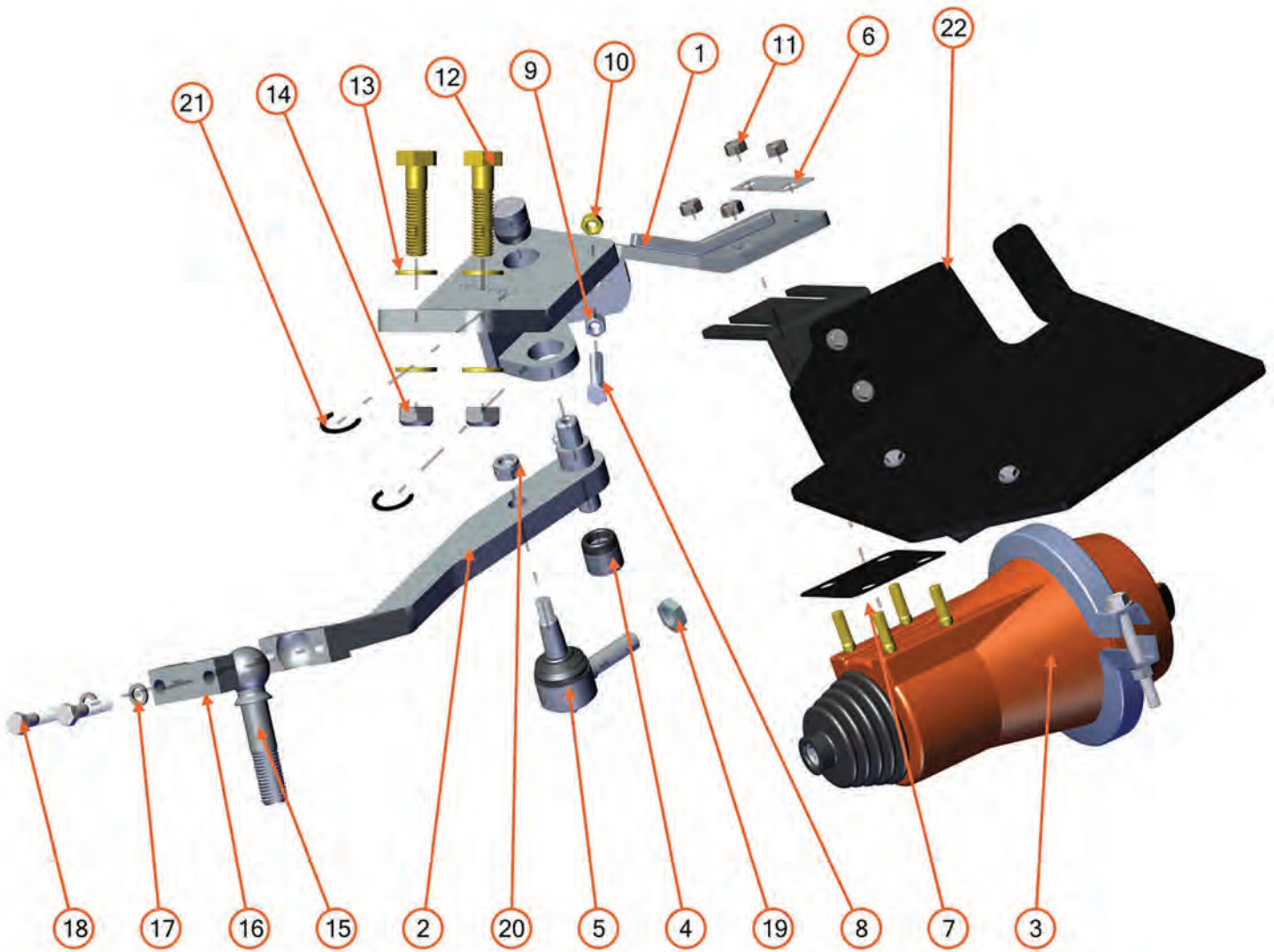


BOM ID	PartNo	Description	Qty
1	08-3400-A	Cylinder Bracket - A Side - 08-3400	1
2	04/14-3100-A	Standard Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2

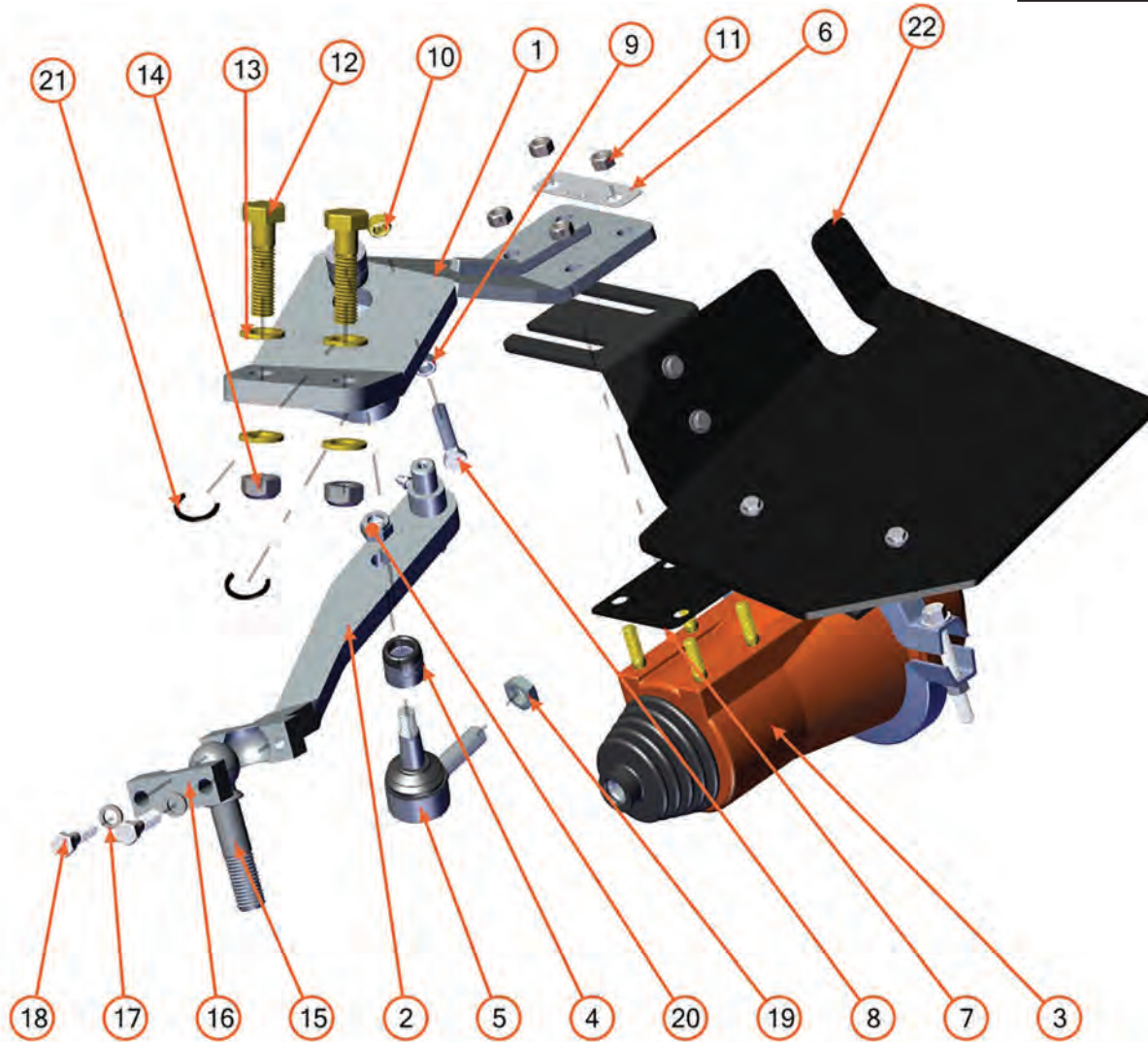


BOM ID	PartNo	Description	Qty
1	05-3400-B	Cylinder Bracket - B Side - 05-3400	1
2	75-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt - Included w/ Chain Unit	2
10	0625	5/8" Grade 8 Flat Washer - Included w/ Chain Unit	4
11	0226	5/8" Grade 8 Lock Nut - Included w/ Chain Unit	2
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	75-8000-B	Chain Tray - B Side	1

48-6350-A

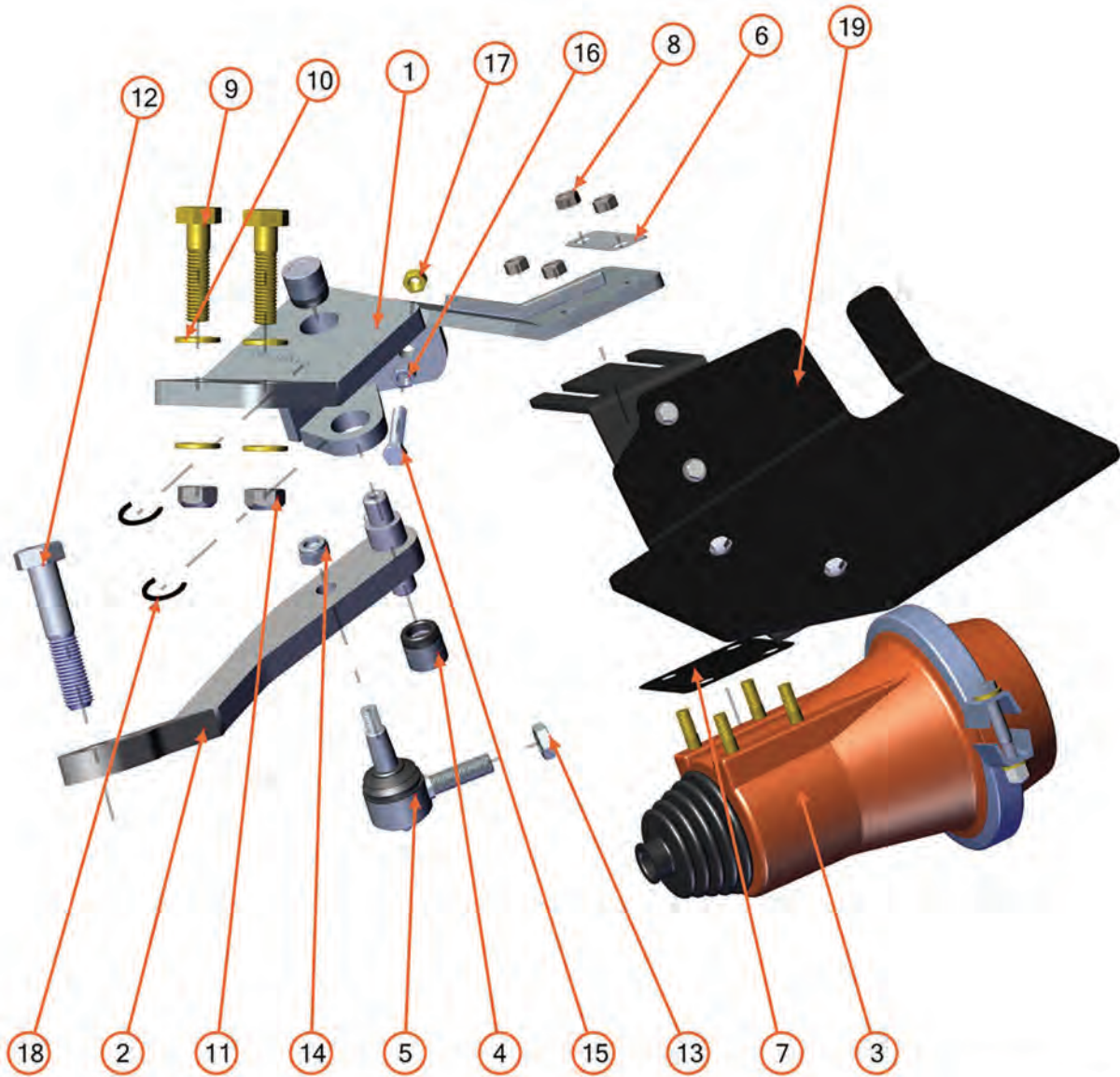


BOM ID	PartNo	Description	Qty
1	08-3400-A	Cylinder Bracket - A Side - 08-3400	1
2	48-3150-A	Adjustable Arm - A Side	1
3	1037	Air Cylinder - 02/42/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt - Included w/ Chain Unit	2
13	0625	5/8" Grade 8 Flat Washer - Included w/ Chain Unit	4
14	0226	5/8" Grade 8 Lock Nut - Included w/ Chain Unit	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
22	42-8000-A	Chain Tray - A Side	1

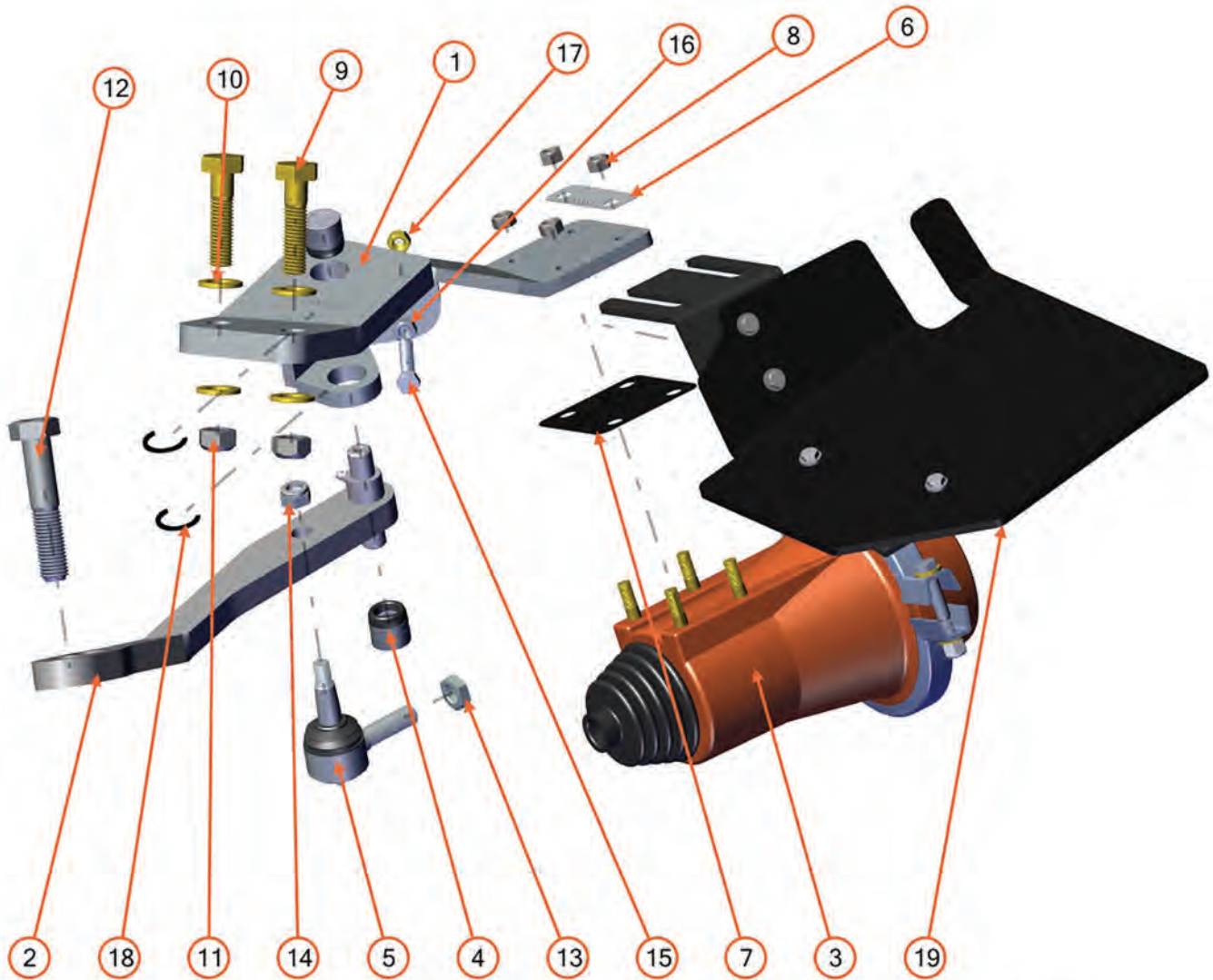


BOM ID	PartNo	Description	Qty
1	08-3400-A	Cylinder Bracket - A Side - 08-3400	1
2	68-3150-A	Adjustable Arm - A Side	1
3	1037	Air Cylinder - 02/42/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Snap Ring - Included with Needle Bearing	2
22	42-8000-A	Chain Tray - A Side	1

48/68-6300-A

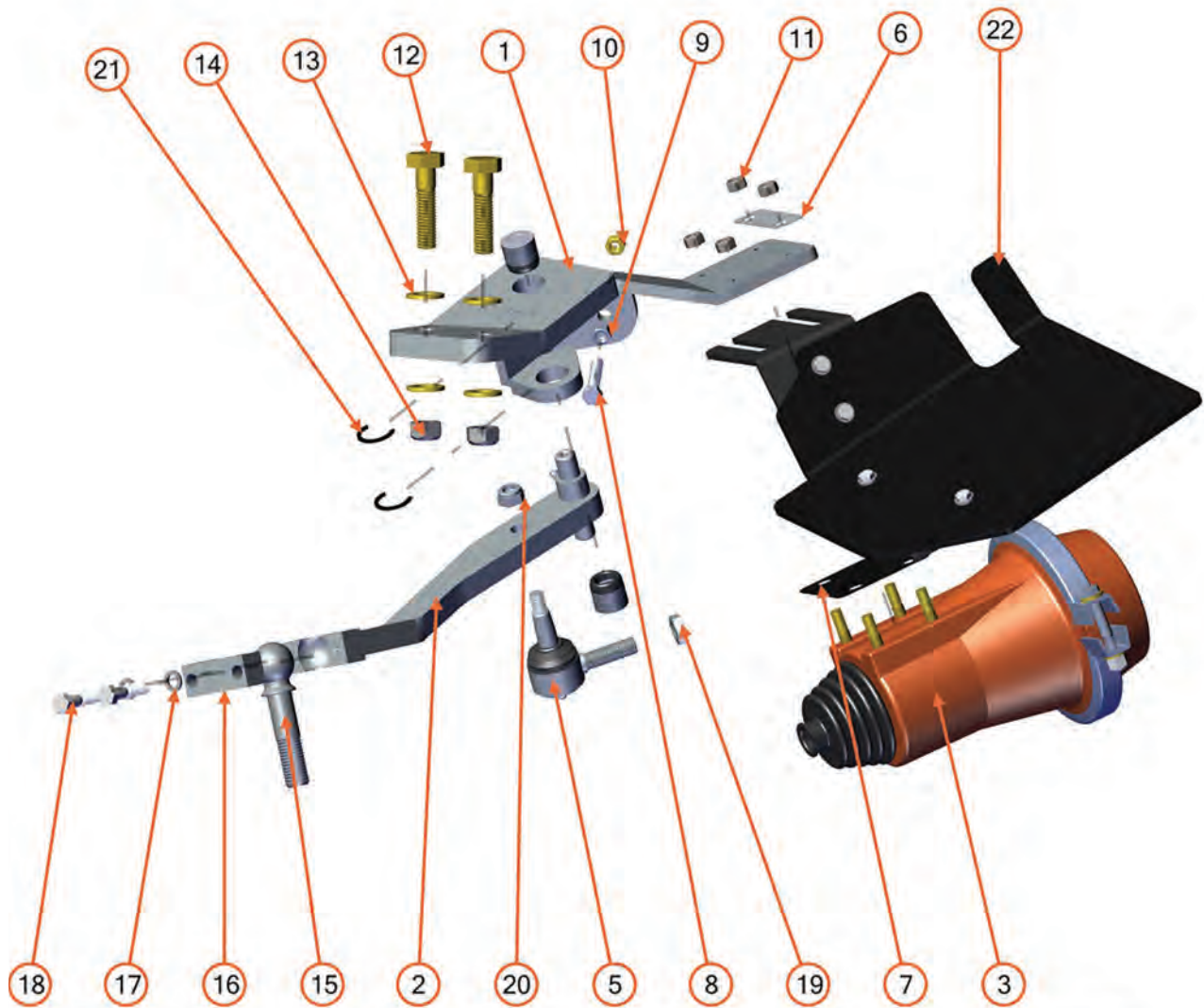


BOM ID	PartNo (config)	Description (config)	Qty
1	08-3400-A	Cylinder Bracket - A Side - 08-3400	1
2	48/68-3100-A	Standard Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
15	5129	Arm Stop Bolt	1
16	5128	Arm Stop Bolt Jam Nut	1
17	5130	Arm Stop Bolt Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	42-8000-A	Chain Tray - A Side	1

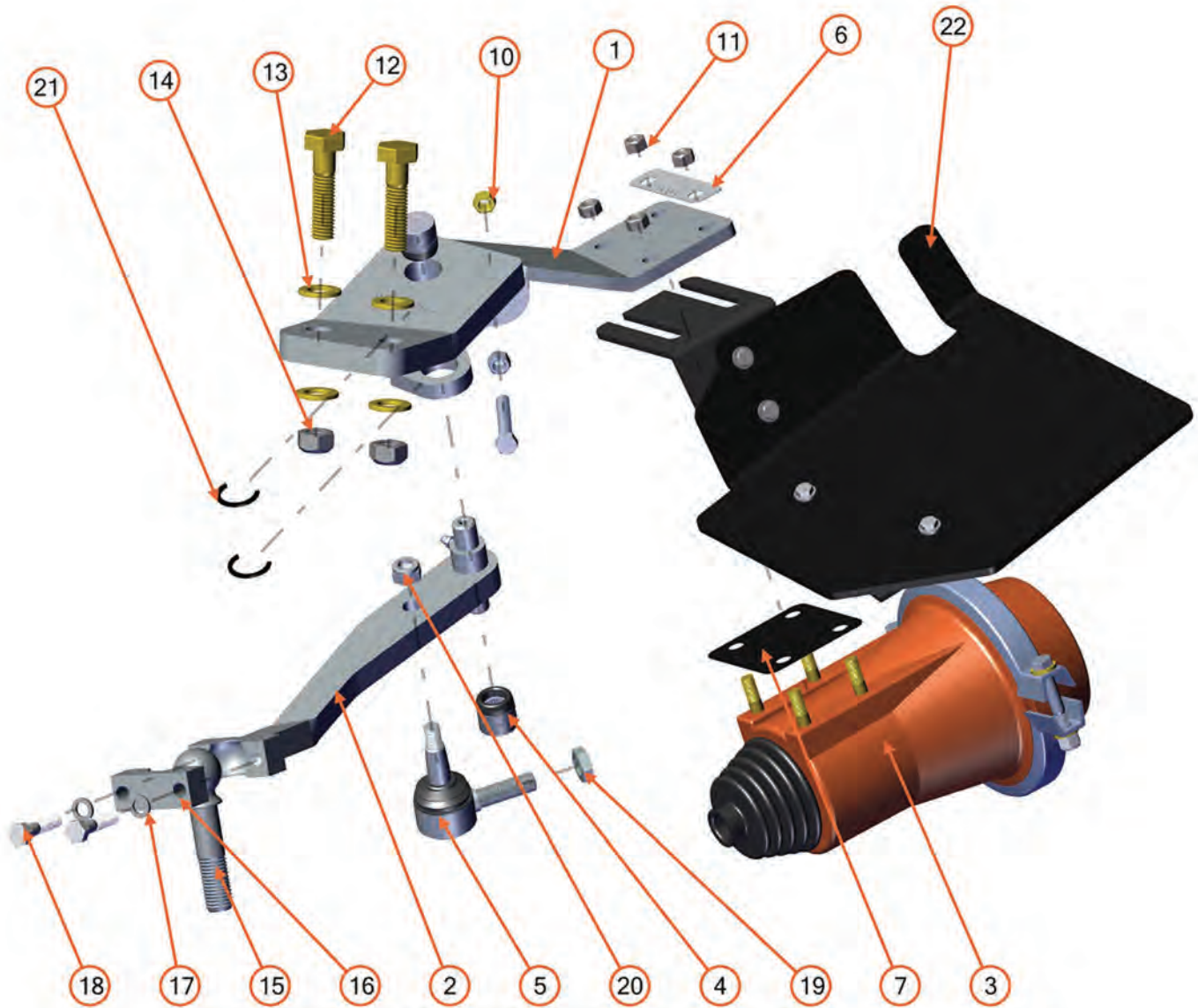


BOM ID	PartNo	Description	Qty
1	02-3400-A	Cylinder Bracket - A Side - 02-3400	1
2	42/62-3100-A	Standard Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
15	5129	Arm Stop Bolt	1
16	5128	Arm Stop Bolt Jam Nut	1
17	5130	Arm Stop Bolt Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	42-8000-A	Chain Tray - A Side	1

42-6350-A

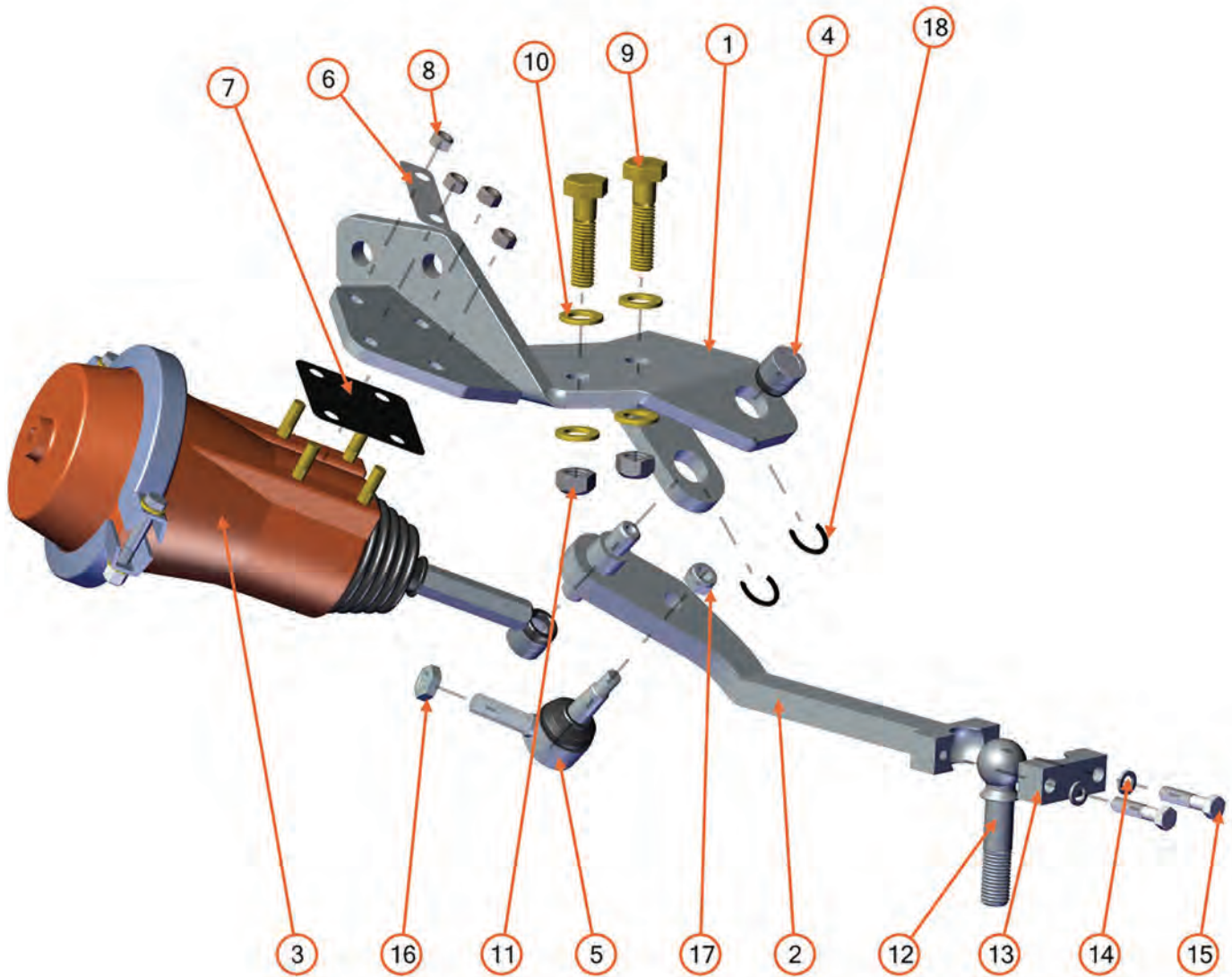


BOM ID	PartNo	Description	Qty
1	02-3400-A	Cylinder Bracket - A Side - 02-3400	1
2	42-3150-A	Adjustable Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5129	Arm Stop Bolt	1
9	5128	Arm Stop Bolt Jam Nut	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
22	42-8000-A	Chain Tray - A Side	1

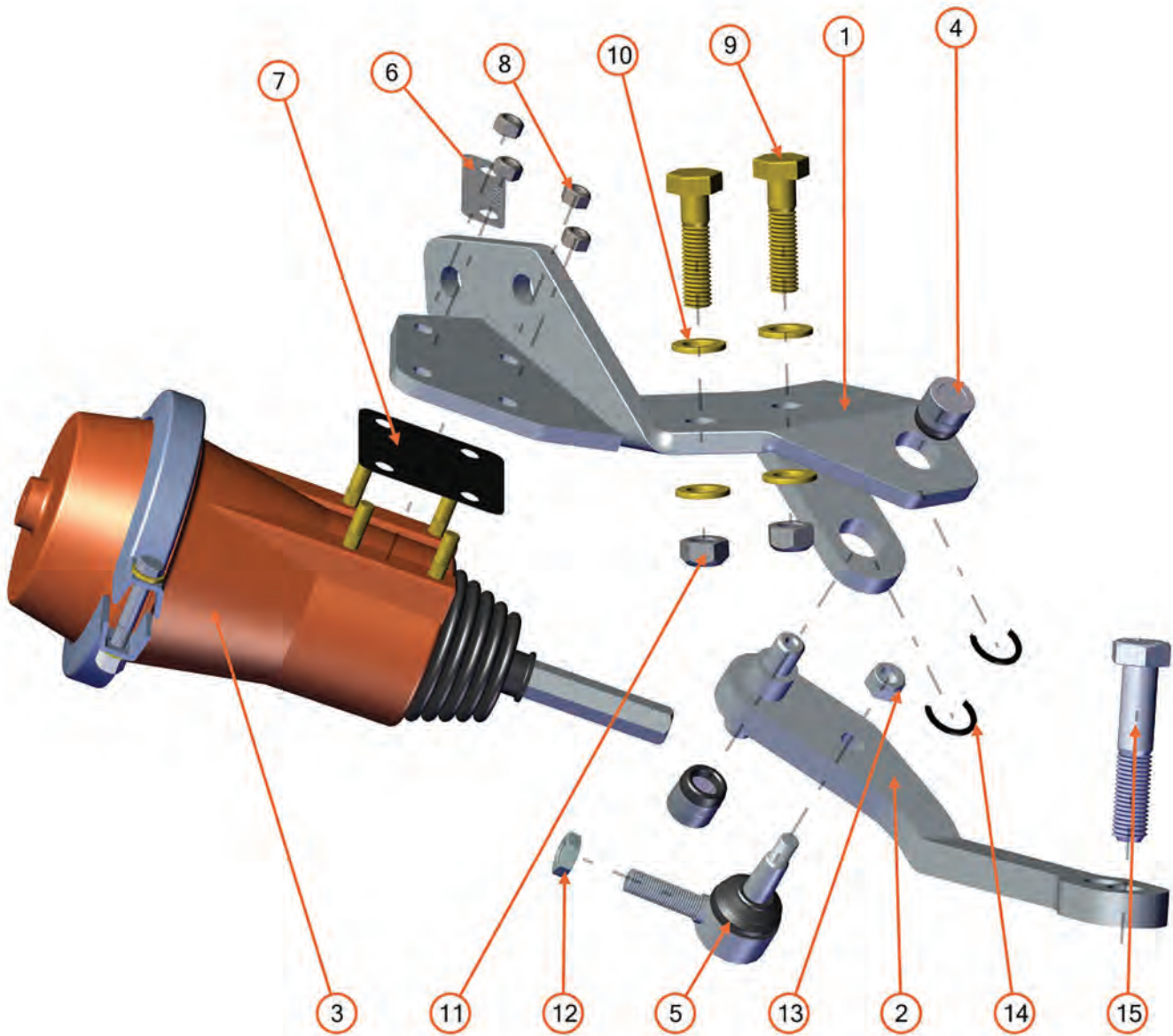


BOM ID	PartNo	Description	Qty
1	02-3400-A	Cylinder Bracket - A Side - 02-3400	1
2	62-3150-A	Adjustable Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
10	5130	Arm Stop Bolt Lock Nut	1
11	5207	Air Cylinder Stud Bolt Lock Nut	4
12	0250	5/8" x 2 1/2" Grade 8 Bolt	2
13	0625	5/8" Grade 8 Flat Washer	4
14	0226	5/8" Grade 8 Lock Nut	2
15	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
16	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
17	5136	3/8" NL3-8 Nord-Lock Washer	2
18	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
19	5438	Ball Joint Jam Nut - Left Handed Thread	1
20	5439	Ball Joint Lock Nut	1
21	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
22	42-8000-A	Chain Tray - A Side	1

05-6350-B

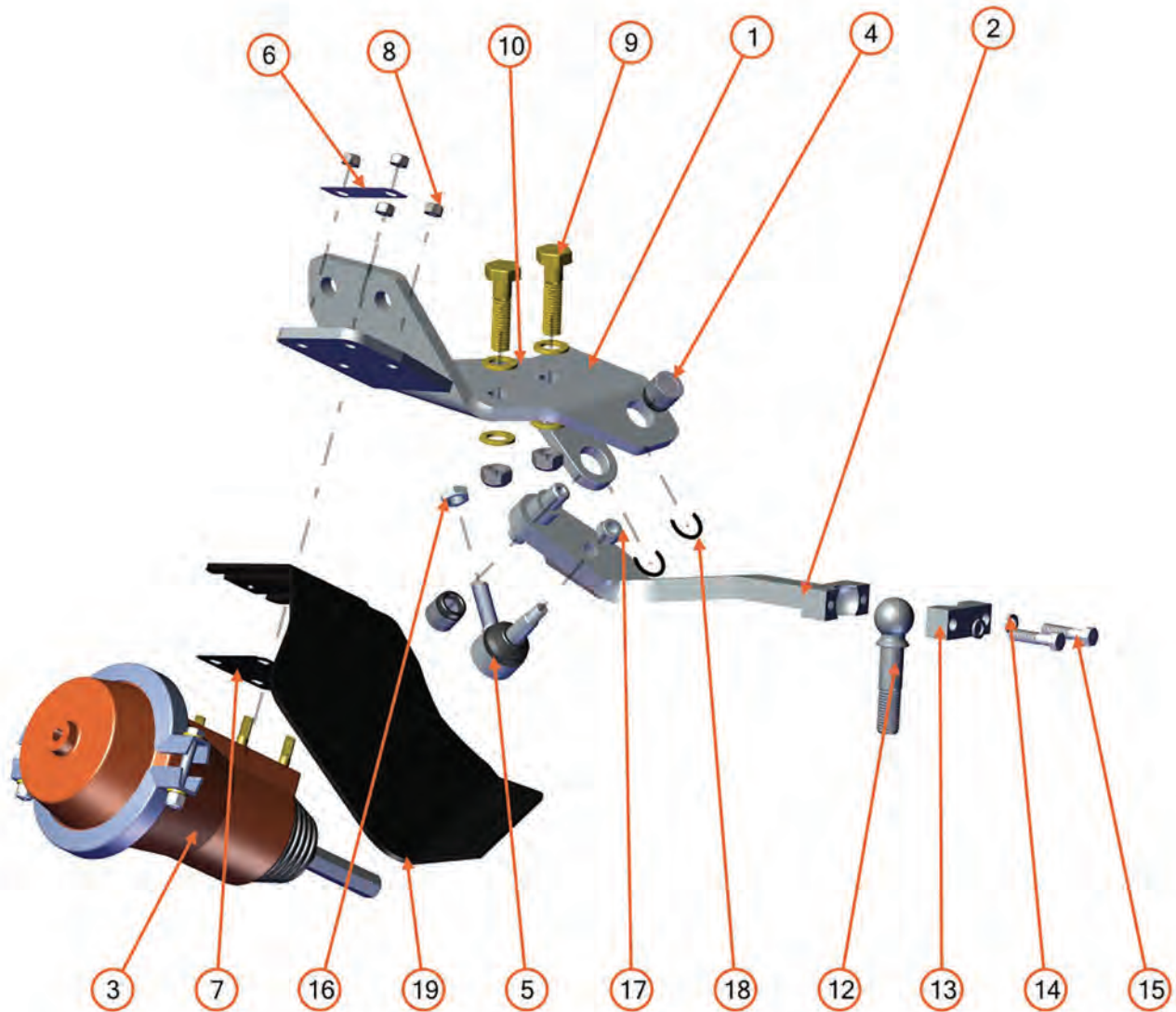


BOM ID	PartNo	Description	Qty
1	05-3400-B	Cylinder Bracket - B Side - 05-3400	1
2	05-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2



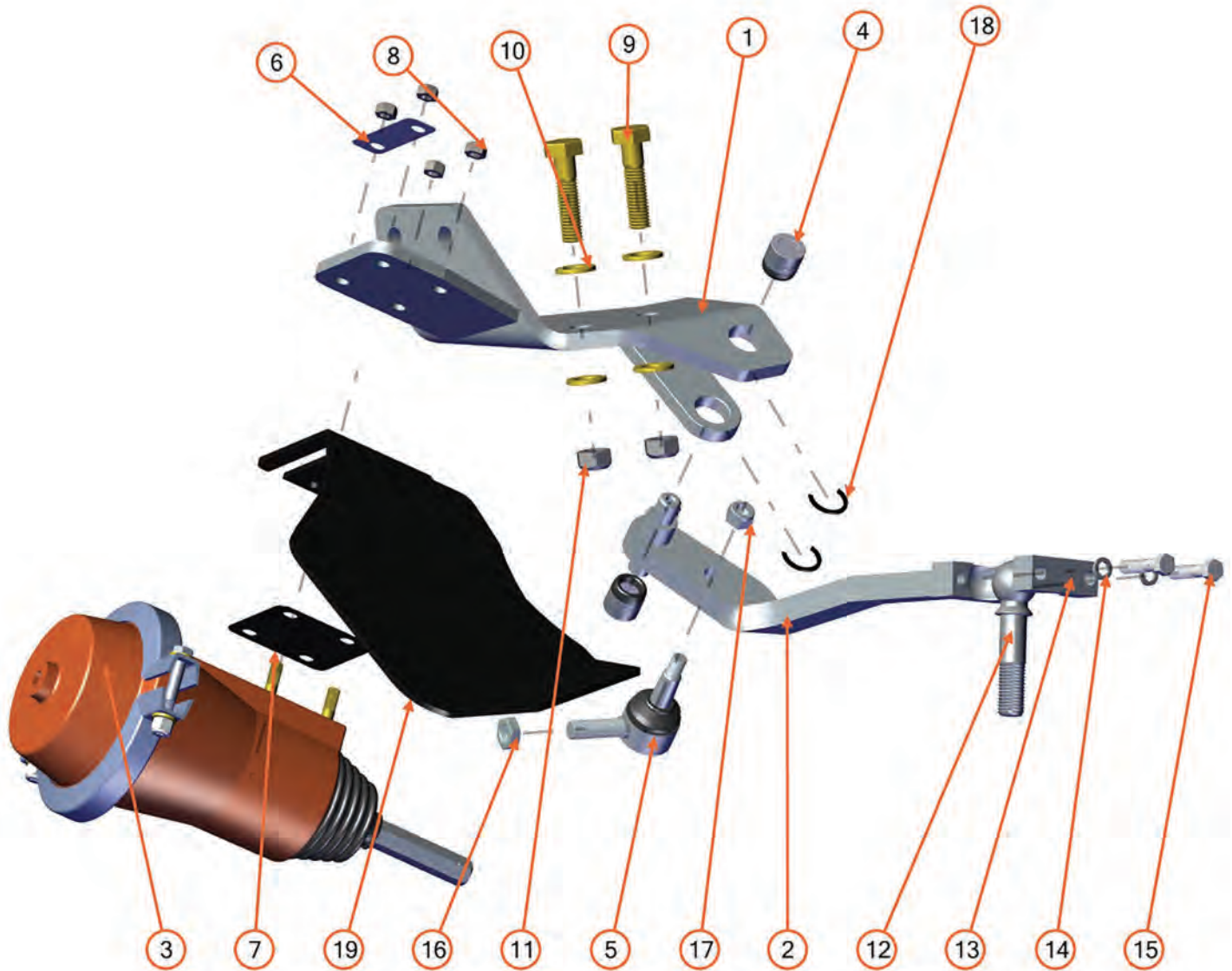
BOM ID	PartNo	Description	Qty
1	05-3400-B	Cylinder Bracket - B Side - 05-3400	1
2	05/15-3100-B	Standard Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5438	Ball Joint Jam Nut - Left Handed Thread	1
13	5439	Ball Joint Lock Nut	1
14	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
15	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1

555-6350-B



BOM ID	PartNo	Description	Qty
1	055-3400-B	Cylinder Bracket - B Side - 055-3400	1
2	55-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	555-8000-B	Chain Tray - 555 Chain Unit	1

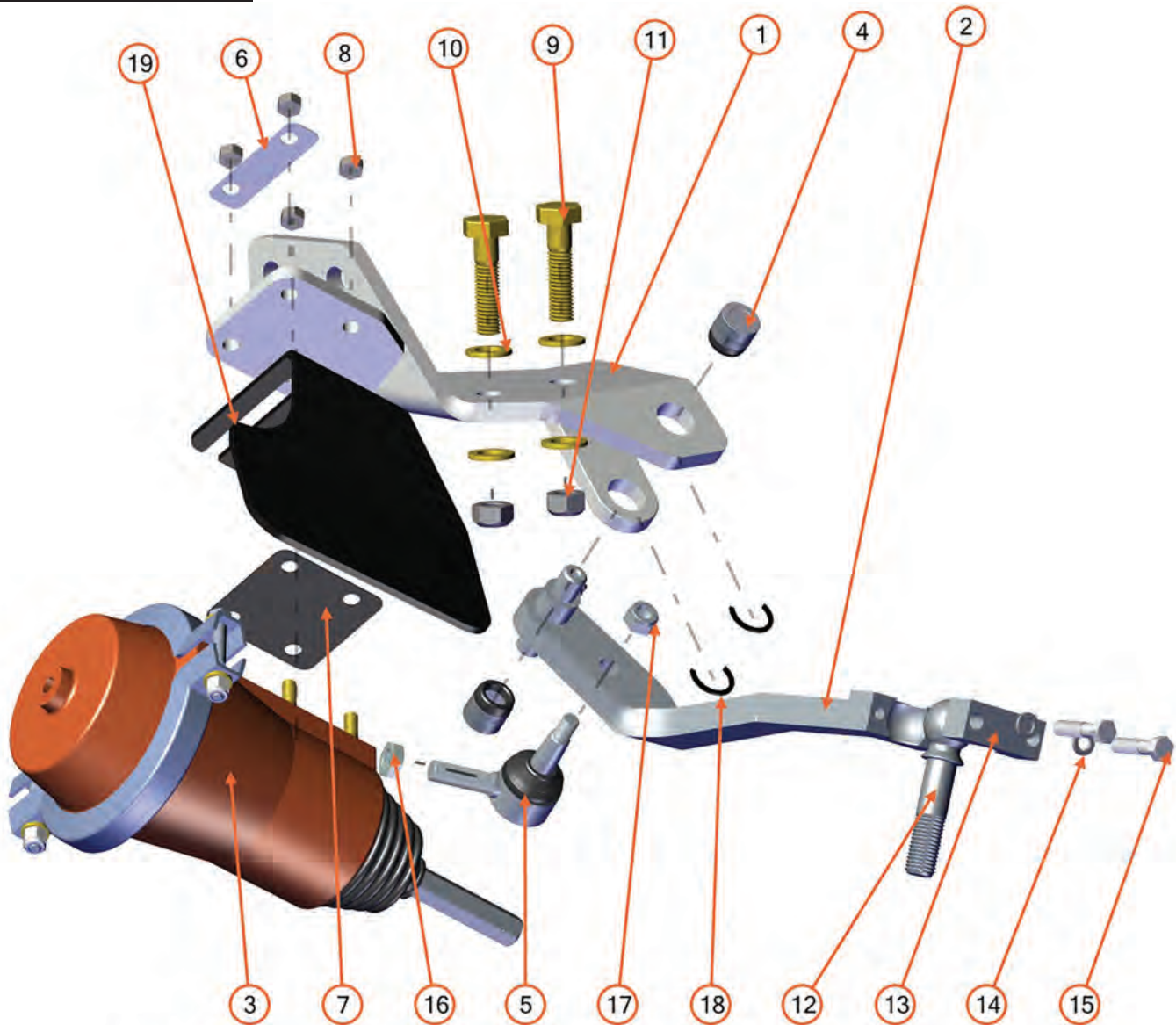
Replacement for 559-6350-B



BOM ID	PartNo	Description	Qty
1	055-3400-B	Cylinder Bracket - B Side - 055-3400	1
2	45-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	555-8000-B	Chain Tray - 555 Chain Unit	1

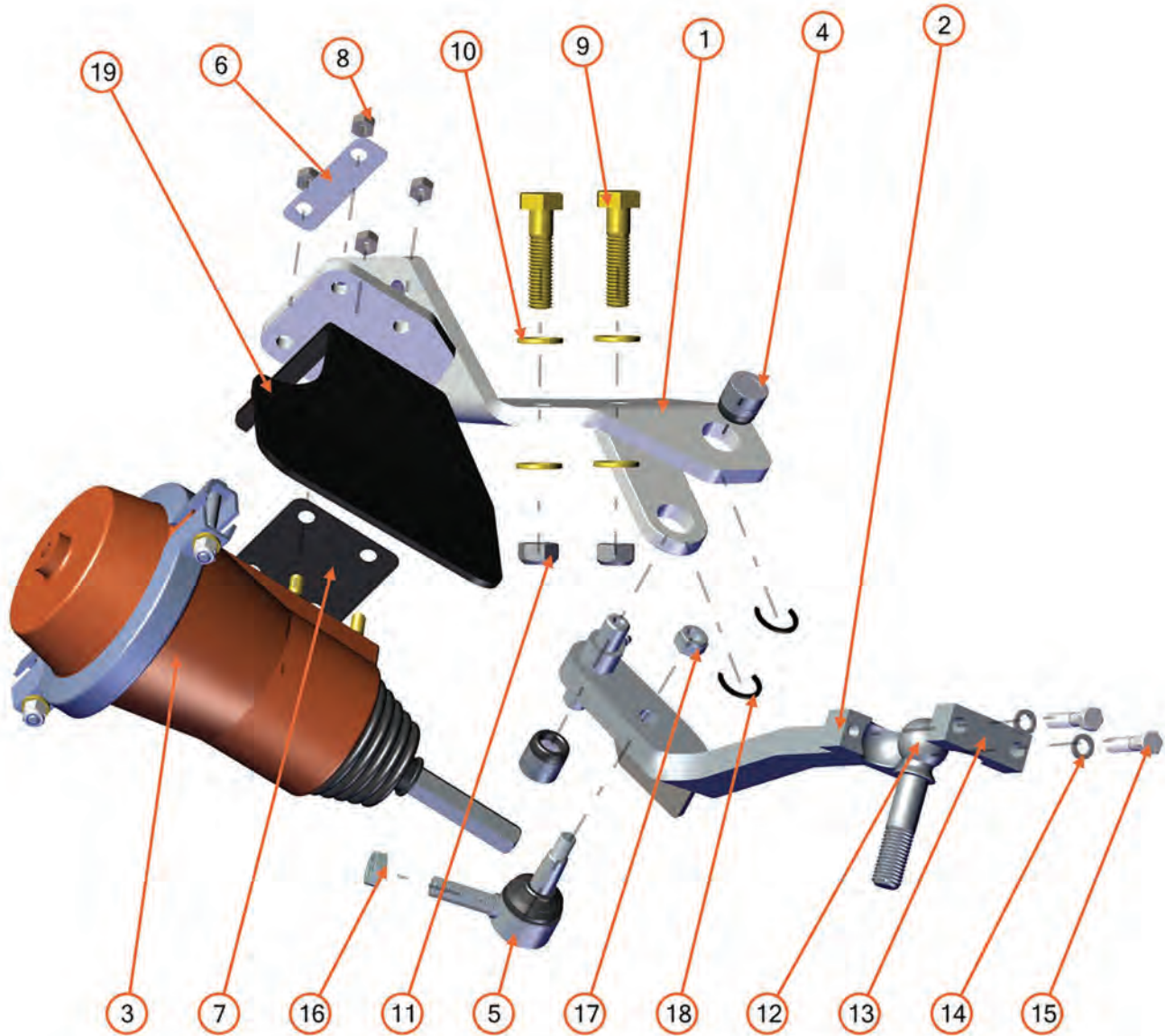
Replacement for 459-6350-B

459-6350-B



BOM ID	PartNo	Description	Qty
1	059-3400-B	Cylinder Bracket - B side - 059-3400	1
2	45-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	059-8000-B	Chain Tray - B Side	1

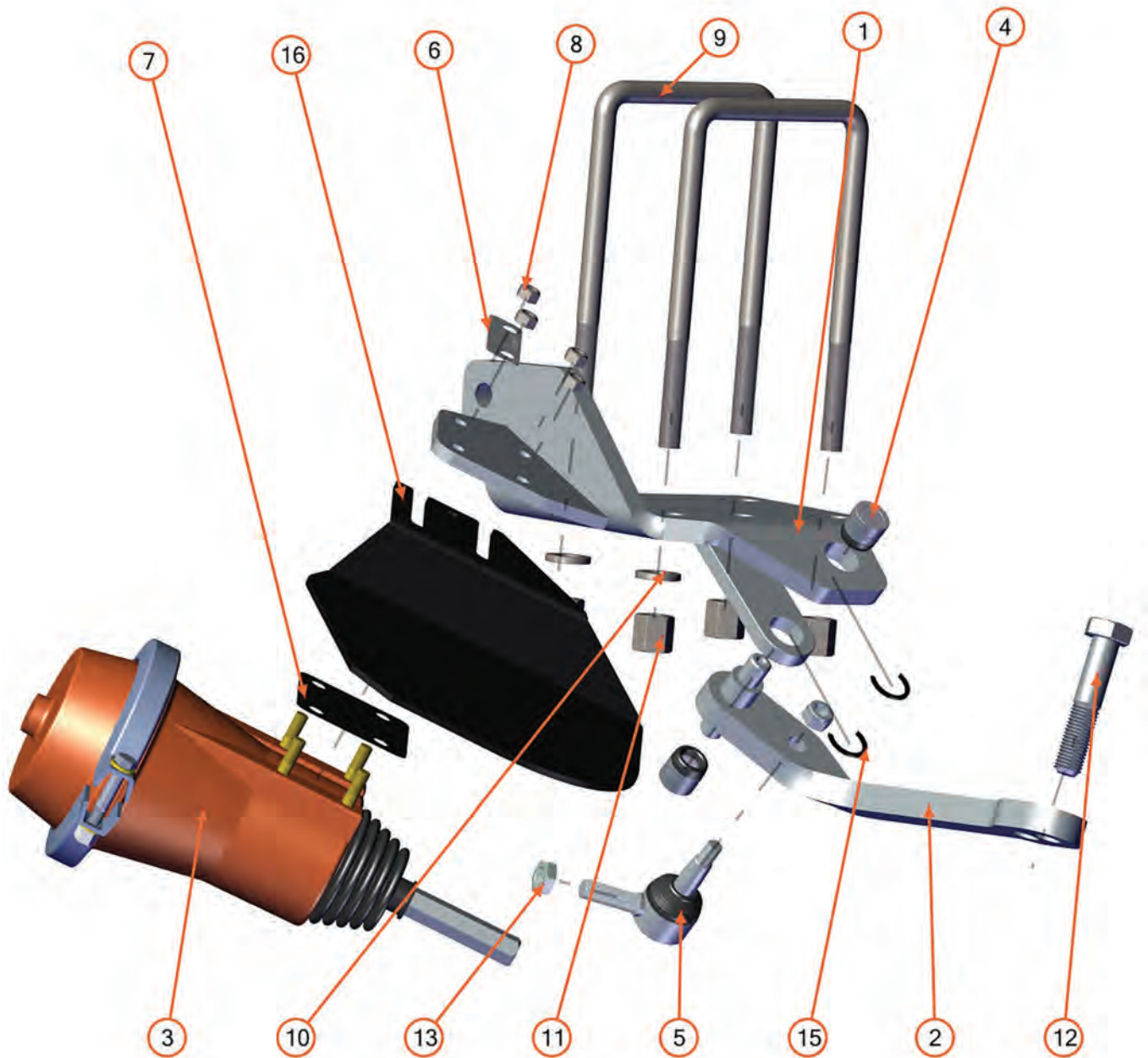
Replaced with 555-6350-B



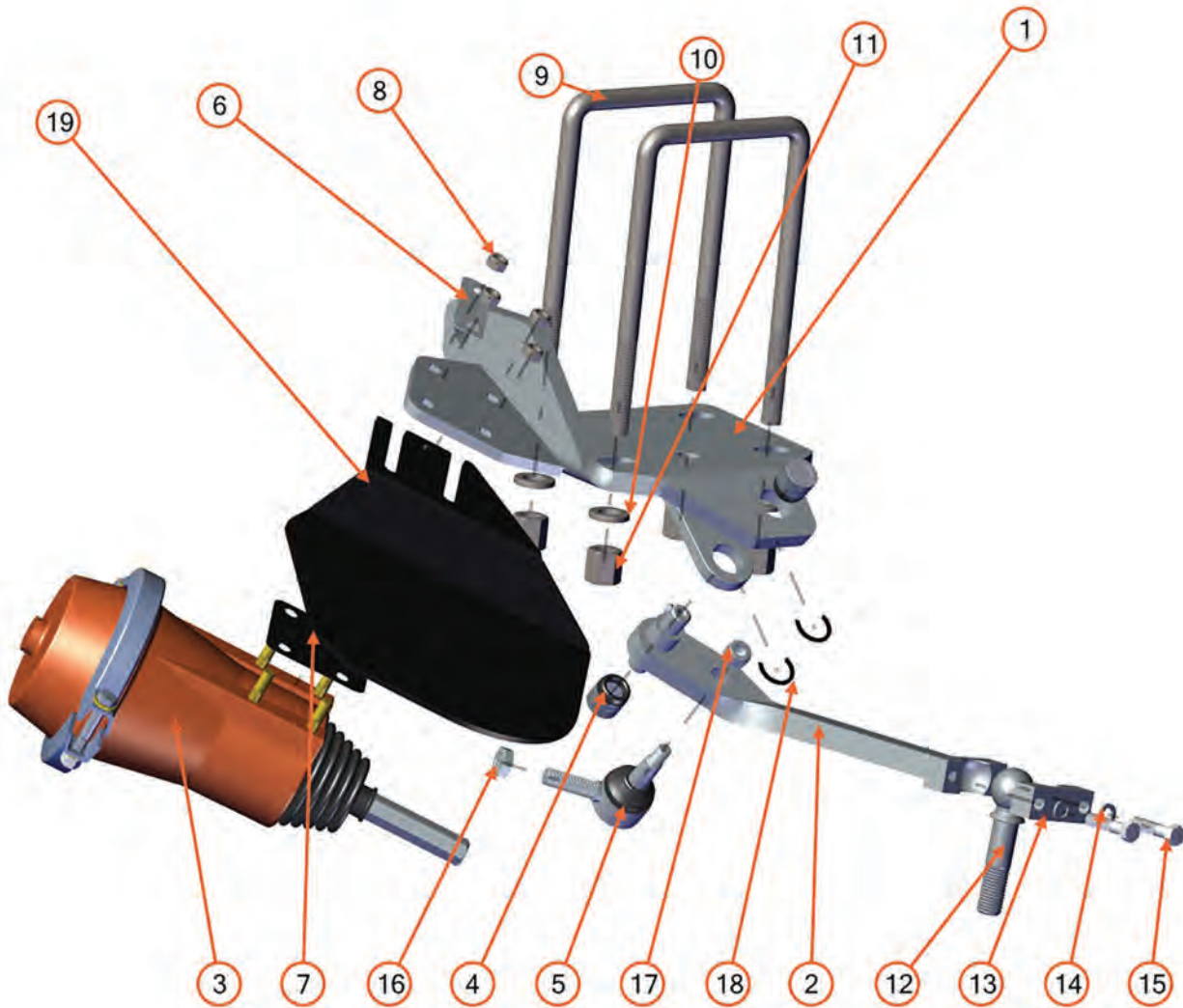
BOM ID	PartNo	Description	Qty
1	059-3400-B	Cylinder Bracket - B side - 059-3400	1
2	55-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	059-8000-B	Chain Tray - B Side	1

Replaced with 455-6350-B

65-6300-B

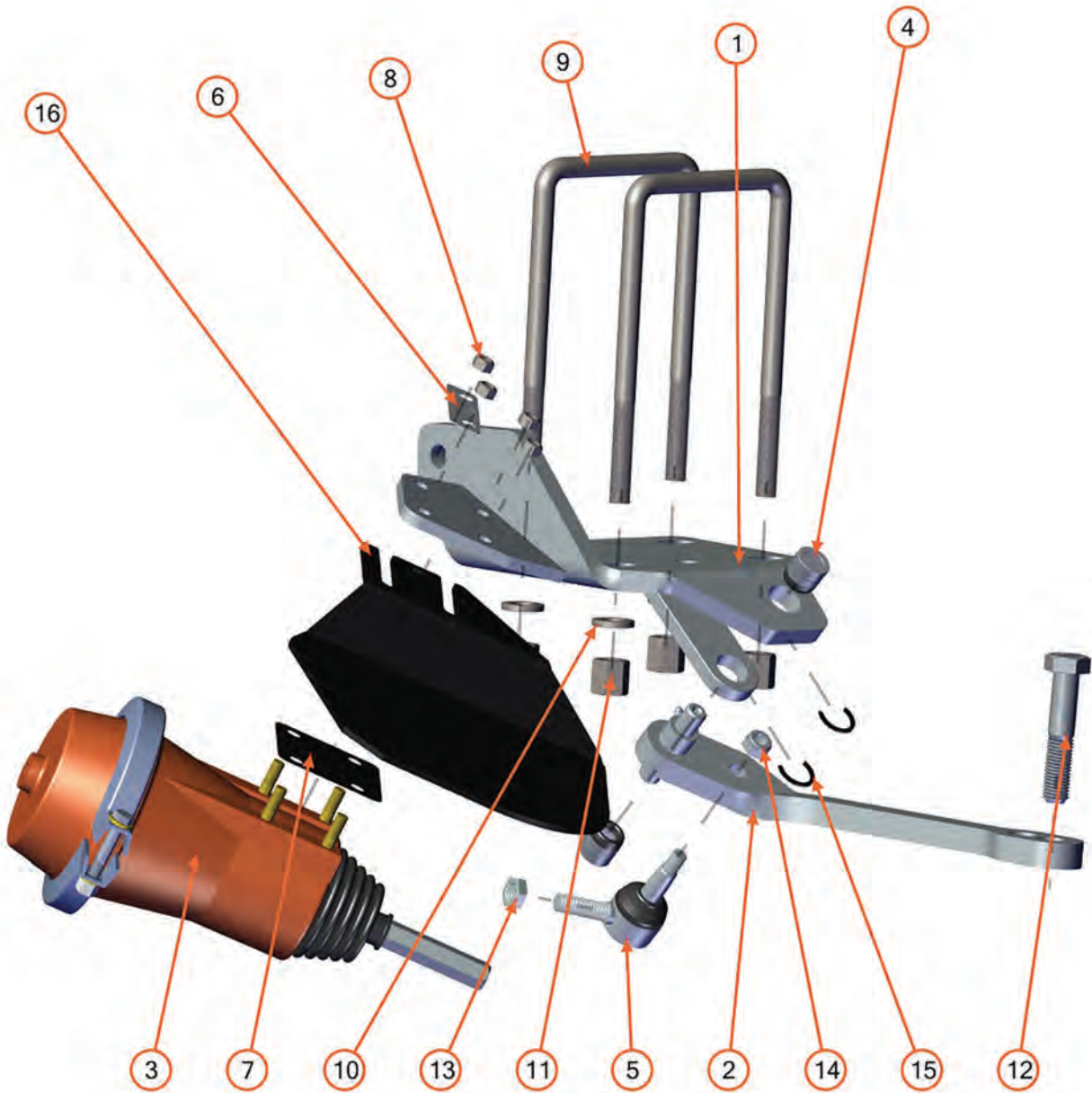


BOM ID	PartNo	Description	Qty
1	65-3400-B	Cylinder Bracket - B Side - 65-3400	1
2	65-3100-B	Standard Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	UB-6502	65/85 U-Bolt, Washers & Nuts	2
10	UB-6502	65/85 U-Bolt, Washers & Nuts	4
11	UB-6502	65/85 U-Bolt, Washers & Nuts	4
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
15	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
16	75-8000	Chain Tray - 75/ 65/ 85	1

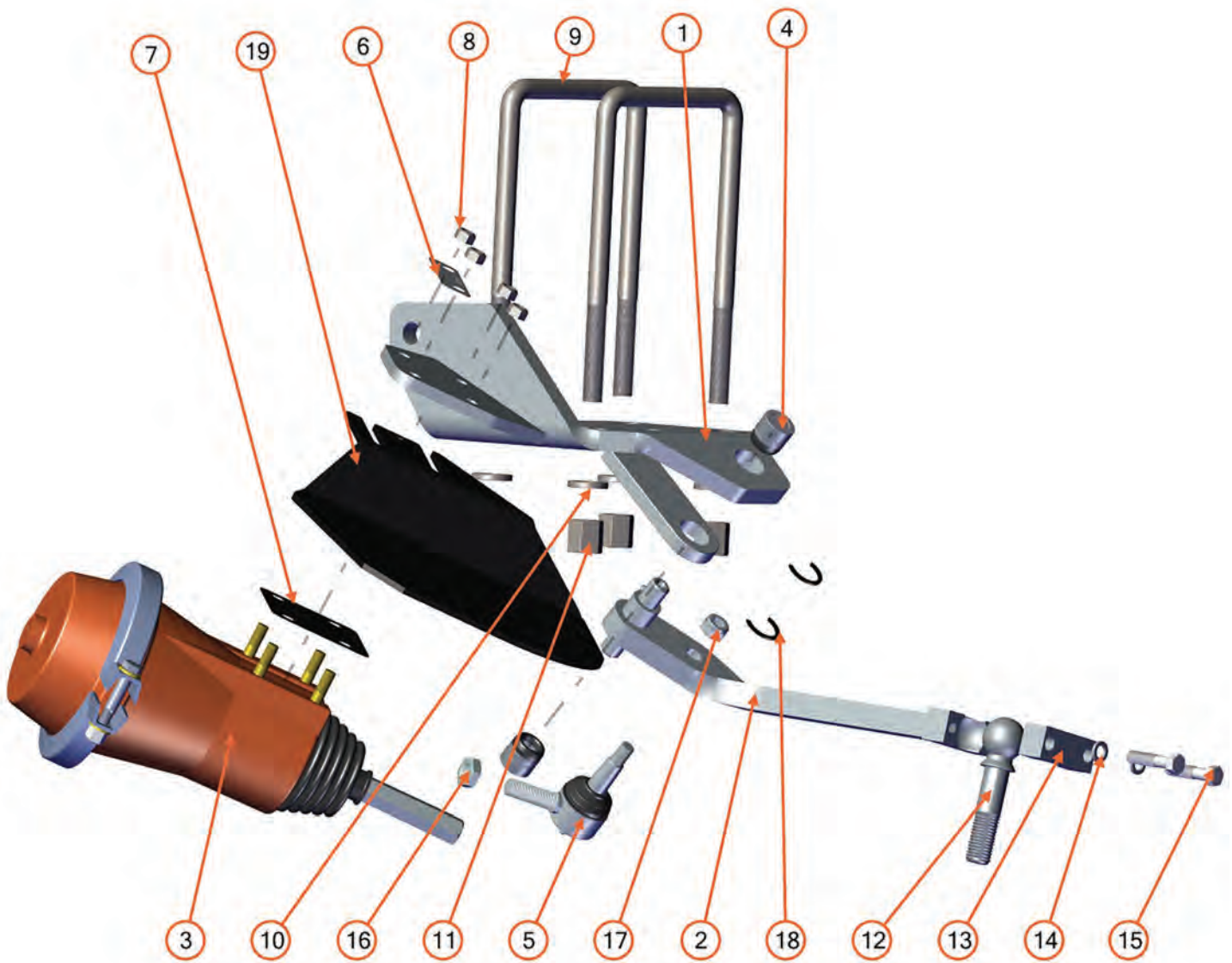


BOM ID	PartNo	Description	Qty
1	65-3400-B	Cylinder Bracket - B Side - 65-3400	1
2	65-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	UB-6502	65/85 U-Bolt, Washers & Nuts	2
10	UB-6502	65/85 U-Bolt, Washers & Nuts	4
11	UB-6502	65/85 U-Bolt, Washers & Nuts	4
12	7004	Adjustable Chain Wheel Bolt - Not included with Chain Unit	1
13	7002	Chain Wheel Pivot Arm Cap / PN 7007 w/ Bolts & Washers	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	75-8000	Chain Tray - 75/ 65/ 85	1

85-6300-B

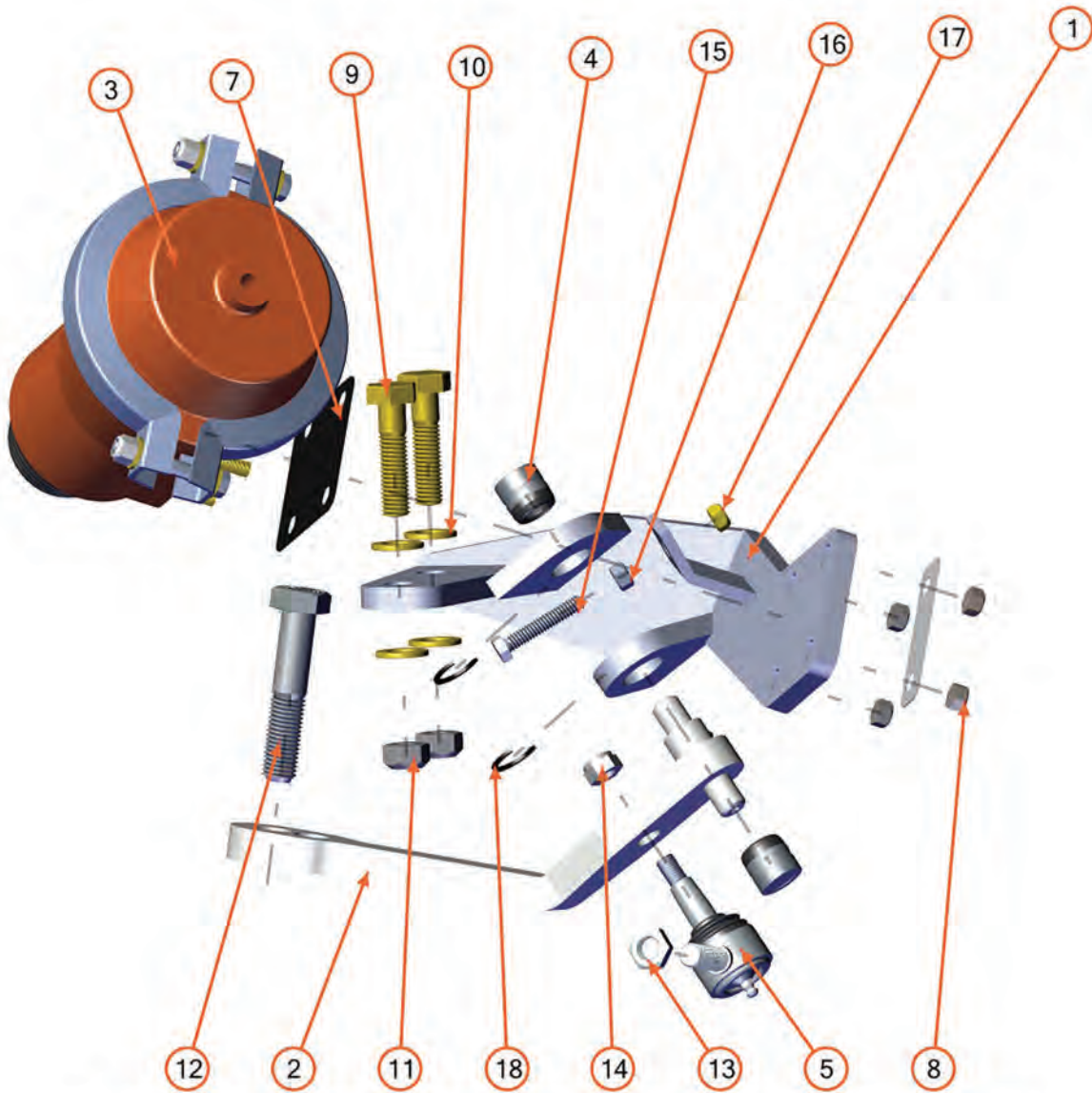


BOM ID	PartNo	Description	Qty
1	65-3400-B	Cylinder Bracket - B Side - 65-3400	1
2	85-3100-B	Standard Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	UB-6502	65/85 U-Bolt, Washers & Nuts	2
10	UB-6502	65/85 U-Bolt, Washers & Nuts	4
11	UB-6502	65/85 U-Bolt, Washers & Nuts	4
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
15	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
16	75-8000	Chain Tray - 75/ 65/ 85	1

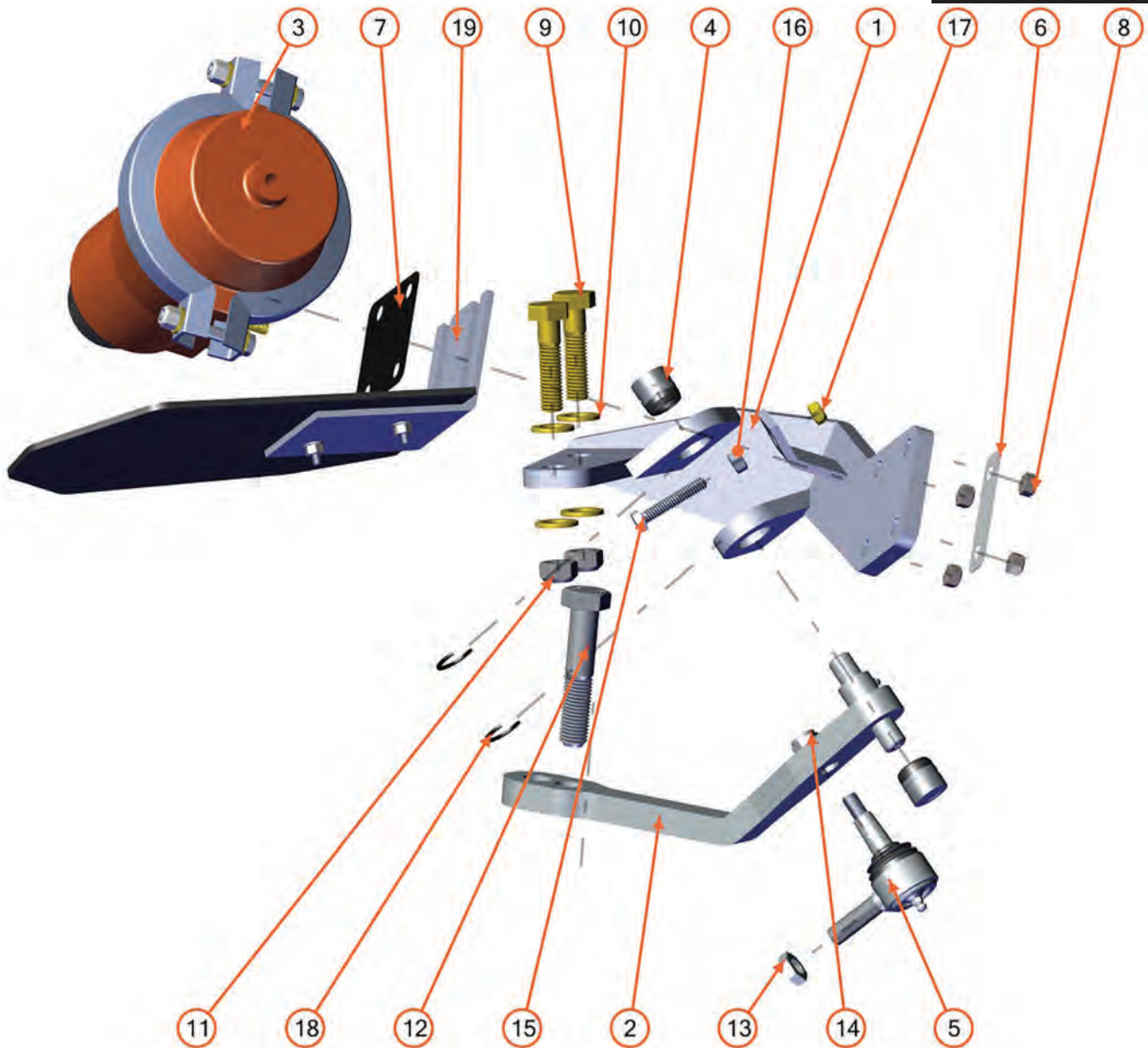


BOM ID	PartNo	Description	Qty
1	65-3400-B	Cylinder Bracket - B Side - 65-3400	1
2	85-3150-B	Adjustable Arm - B Side	1
3	1038	Air Cylinder - 04/05/06	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	UB-6502	65/85 U-Bolt, Washers & Nuts	2
10	UB-6502	65/85 U-Bolt, Washers & Nuts	4
11	UB-6502	65/85 U-Bolt, Washers & Nuts	4
12	7004	Adjustable Chain Wheel Bolt	1
13	7002	Chain Wheel Pivot Arm Cap	1
14	5136	3/8" NL3-8 Nord-Lock Washer	2
15	5135	1 3/4" x 3/8"-16 - Grade 12 Bolt - Pivot Cap Bolt	2
16	5438	Ball Joint Jam Nut - Left Handed Thread	1
17	5439	Ball Joint Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	75-8000	Chain Tray - 75/ 65/ 85	1

01-6300-A

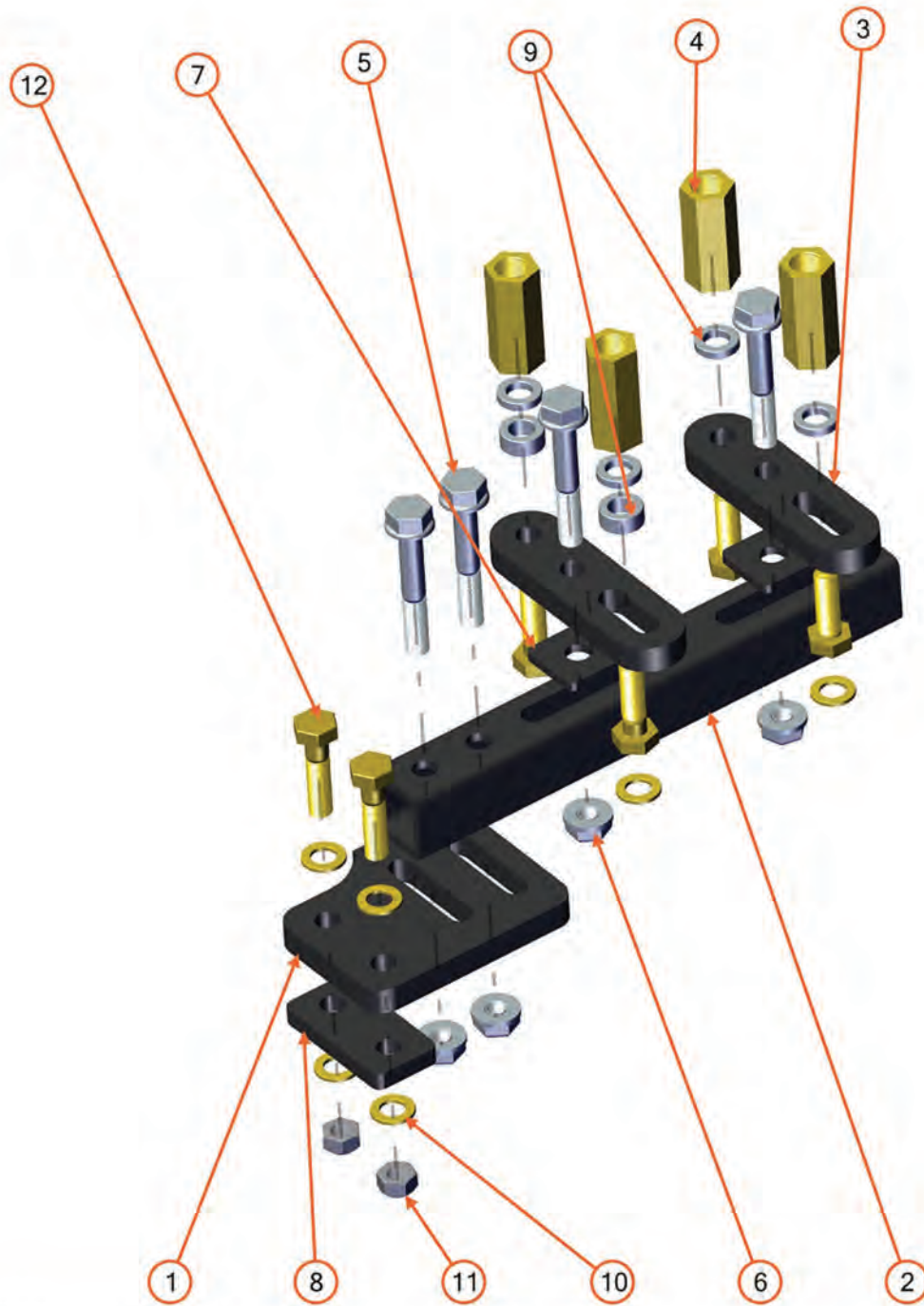


BOM ID	PartNo	Description	Qty
1	01-3400-A	Cylinder Bracket - A Side - 01-3400	1
2	01-3100-A	Standard Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
15	5129	Arm Stop Bolt	1
16	5128	Arm Stop Bolt Jam Nut	1
17	5130	Arm Stop Bolt Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2



BOM ID	PartNo	Description	Qty
1	01-3400-A	Cylinder Bracket - A Side - 01-3400	1
2	11-3100-A	Standard Arm - A Side	1
3	1037	Air Cylinder - 02/42/62/08/18/48/68	1
4	3434-B	Arm Needle Bearing w/ Retaining Clips	2
5	1005	Ball Joint	1
6	7000	Serial Number Plate - only included with New Chain Units	1
7	5450	Air Cylinder Gasket	1
8	5207	Air Cylinder Stud Bolt Lock Nut	4
9	0250	5/8" x 2 1/2" Grade 8 Bolt	2
10	0625	5/8" Grade 8 Flat Washer	4
11	0226	5/8" Grade 8 Lock Nut	2
12	5222	Std Chain Wheel Bolt (Not Included w/ Chain Unit)	1
13	5438	Ball Joint Jam Nut - Left Handed Thread	1
14	5439	Ball Joint Lock Nut	1
15	5129	Arm Stop Bolt	1
16	5128	Arm Stop Bolt Jam Nut	1
17	5130	Arm Stop Bolt Lock Nut	1
18	3434-B	Needle Bearing Retaining Clip - Included with Needle Bearing	2
19	01-8000-B	Chain Tray - B Side	1

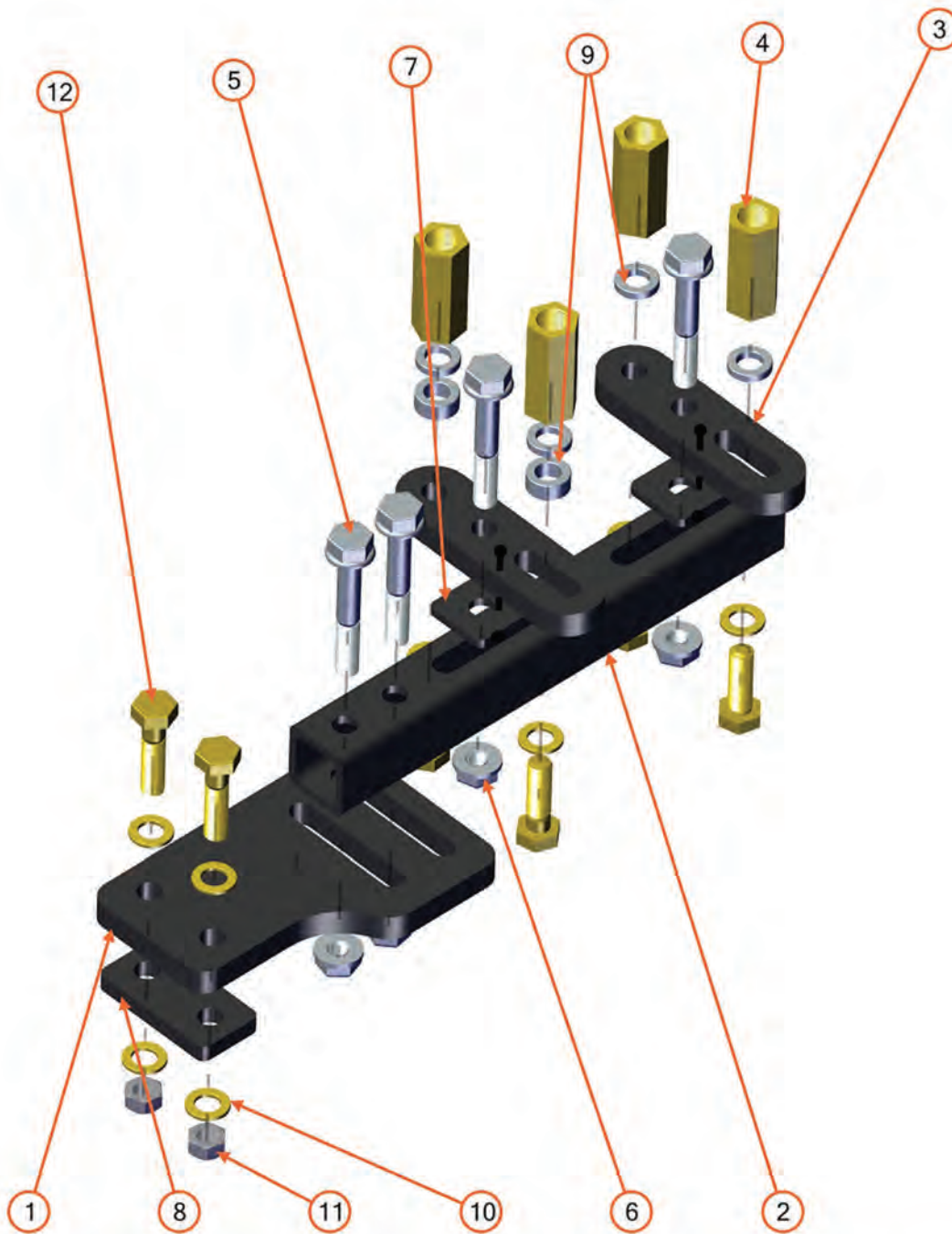
04-2000' - UNIVERSAL BRACKET



****Part quantities reflect half set of mounting bracket - one side of axle application - double quantities for full set****

BOM ID	PartNo	Description	Qty
1	04-2003	04 Universal Mounting Plate	1
2	2002	Universal Mounting Tube	1
3	2001	Cross Plate - Universal Bracket	2
4		Coupling Nut See Coupling Nut section - Size determined by vehicle	4
5	2400	5/8"-11 x 4" Grade 8 Flange Bolt	4
6	0227	5/8"-11 Grade 8 Steel Flange Lock Nut	4
7		Cross Plate Spacer Only if applicable - See Spacer Section - Available in 1/4" & 1/2" thickness	2
8		Mounting Plate Spacer Only if applicable - See Spacers Section - Available in 1/4" & 1/2" thickness	1
9		Coupling Nut Spacer See Spacer Section - Various sizes available	6
10	0625	5/8" Grade 8 Flat Washer - Included w/ Chain Unit	8
11	0226	5/8" Grade 8 Lock Nut - Included w/ Chain Unit	2
12	0250	5/8" x 2 1/2" Grade 8 Bolt - Included w/ Chain Unit	2

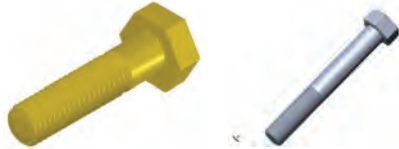
05-2000' - UNIVERSAL BRACKET



****Part quantities reflect half set of mounting brackets - one side of axle application - double quantities for full set****

BOM ID	PartNo	Description	Qty
1	05-2003	05 Universal Mounting Plate	1
2	2002	Universal Mounting Tube	1
3	2001	Cross Plate - Universal Bracket	2
4	Coupling Nut	See Coupling Nut section - Size determined by vehicle	4
5	2400	5/8"-11 x 4" Grade 8 Flange Bolt	4
6	0227	5/8"-11 Grade 8 Steel Flange Lock Nut	4
7	Cross Plate Spacer	Only if applicable - See Spacer Section - Available in 1/4" & 1/2" thickness	2
8	Mounting Plate Spacer	Only if applicable - See Spacers Section - Available in 1/4" & 1/2" thickness	1
9	Coupling Nut Spacer	See Spacer Section - Various sizes available	6
10	0625	5/8" Grade 8 Flat Washer - Included w/ Chain Unit	8
11	0226	5/8" Grade 8 Lock Nut - Included w/ Chain Unit	2
12	0250	5/8" x 2 1/2" Grade 8 Bolt - Included w/ Chain Unit	2

Bolts, Nuts & Spacers



GRADE-8 BOLTS

ALL BOLTS ARE COARSE (UNC) THREADED UNLESS OTHERWISE STATED

P/N	DESCRIPTION
0150	5/8" x 1 1/2" (Coupling Nut Bolt)
0175	5/8" x 1 3/4" (Coupling Nut Bolt)
0200	5/8" x 2" (Coupling Nut Bolt)
0225	5/8" x 2 1/4" (Coupling Nut Bolt)
0250	5/8" x 2 1/2" (Coupling Nut Bolt)
0275	5/8" x 2 3/4" (Coupling Nut Bolt)
0300	5/8" x 3" (Coupling Nut Bolt)
0325	5/8" x 3 1/4" (Coupling Nut Bolt)
0350	5/8" x 3 1/2" (Coupling Nut Bolt)
0375	5/8" x 3 3/4" (Coupling Nut Bolt)
0400	5/8" x 4" (Coupling Nut Bolt)
0425	5/8" x 4 1/4"
0450	5/8" x 4 1/2"
0500	5/8" x 5"
0600	5/8" x 6"
0700	5/8" x 7"
0800	5/8" x 8"
0900	5/8" x 9"
10100	1" x 10" (Hanger Bolt)
1070	1"-14 x 7"
1220	1/2" x 2" - 20 BOLT
1225	1/2" x 2" (Set Screw)
1230	1/2"-13 x 3" (Set Screw)
1240	1/2" x 4" (Set Screw)
1250	1/2" x 5" (Set Screw)
1260	1/2"-13 x 6" (Set Screw)
13130	5/16" x 1" BOLT

GRADE-12 BOLTS

ALL BOLTS ARE COARSE (UNC) THREADED UNLESS OTHERWISE STATED

P/N	DESCRIPTION
90175	5/8"-11 x 1 3/4" Bolt
90225	5/8"-11 x 2 1/4" Bolt
90250	5/8"-11 x 2 1/2" Bolt
93226	3/4"-10 Bolt
93350	3/4" x 3 1/2" Bolt
93400	3/4" X 4" Bolt



GRADE-8 FLANGE BOLTS & NUTS

P/N	DESCRIPTION
2400	5/8"x 4" FLANGE BOLTS
0227	5/8" FLANGE LOCK-NUTS

COUPLING NUT SPACERS



P/N	DESCRIPTION
0625-FW	5/8" Flat Washer
6254-FW	1/4" Coupling Nut Spacer
1050-S	1/2" Coupling Nut Spacer
1075-S	3/4" Coupling Nut Spacer
1100-S	1" Coupling Nut Spacer



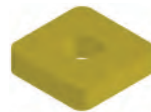
Combine Coupling Nut Spacers for larger Spacing needs, i.e. for a 1 7/8" Spacer combine a 1" + a 3/4" + a 5/8" Flat Washer (1/8" Spacer)

MOUNTING PLATE SPACERS



P/N	DESCRIPTION
1014-S	1/4" MTG PLATE SPACER
1012-S	1/2" MTG PLATE SPACER

CROSS PLATE SPACERS



P/N	DESCRIPTION
2415	1/4" CROSS PLATE SPACER
2515	1/2" CROSS PLATE SPACER

GRADE-8 Nuts



P/N	DESCRIPTION
0226	5/8" MOUNTING LOCK NUTS
1071	1" UNC LOCK NUT
1072	1" UNF LOCK NUT
1121-F	7/8"-14 UNF TOP-LOCK NUT
1122-F	1"-14 UNF TOP-LOCK NUT
1123-F	3/4"-16 UNF TOP-LOCK NUT
1213	1/2" x 13 LOCK NUT
1226	1/2" x 13 SET SCREW NUT
1255	1/2" x 20 UNF TOP LOCK NUT
1256	1/2" x 20 UNF LOCK NUT
1415-61	M14x1.5 GD 10.9 LOCK NUT
1620-61	M16x2.0 GD 10.9 LOCK NUT

COUPLING NUTS



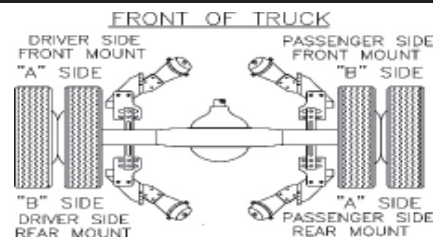
P/N	DESCRIPTION
3410	3/4"-10 Coarse (White)
3416	3/4"-16 Fine (Green)
3416-5	3/4"-16-5" Long (Red/Green)
5818-2.5	5/8"-18 - 2 1/2" Long (Green/Orange)
5818-5	5/8"-18-5" Long (Black/Orange)
7809	7/8"-9 Coarse (Black)
7814	7/8"-14 Fine (Blue)
1008	1"-8 Coarse (Red/White)
1014	1" - 14 Fine (Red)
1125	1 1/8"-12 Fine (Pink)
1620-2.5	16mm x 2.0 (Black/White)
1815	18mm x 1.5 (Orange/White)
2015	20mm x 1.5 (Purple)
2025	20mm x 2.5 (Silver)
2215	22mm x 1.5 (Brown)
2225	22mm x 2.5 Coupling Nut (Yellow)

QUICK REFERENCE PARTS APPLICATION

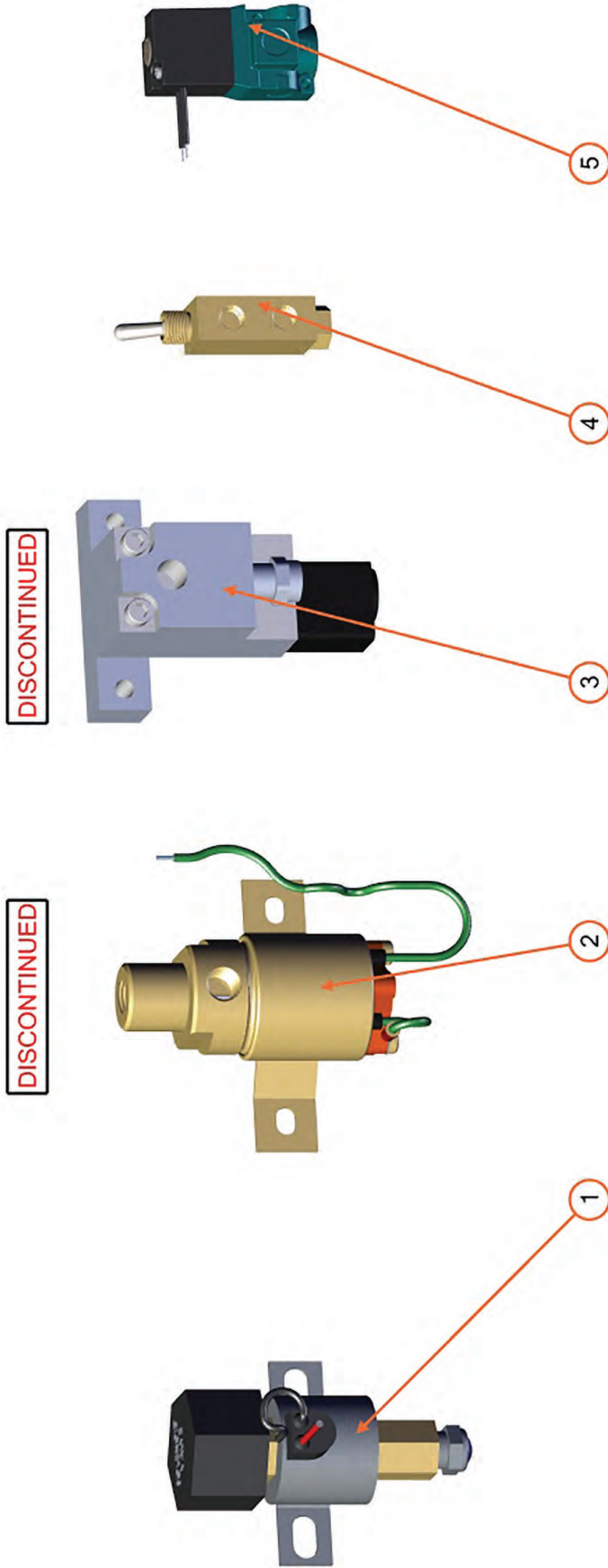
Unit	Cylinder Bracket	Arm	Air Can	Tray	Notes
01-6300	01-3400-A/B	01-3100-A/B	1037	n/a	
04/14-6300	04-3400-A/B	04/14-3100-A/B	1038	n/a	
04-6350	04-3400-A/B	04-3150-A/B	1038	n/a	
05/15-6300	05-3400-A/B	05/15-3100-A/B	1038	n/a	
06/16-6300	06-3400-A/B	06/16-3100-A/B	1038	06-8000	
06/16-6360	06-3460-A/B	06/16-3100-A/B	1038	06-8000	
06-6350	06-3400-A/B	06-3150-A/B	1038	06-8000	
08/18-6300	08-3400-A/B	04/14-3100-A/B	1037	n/a	
08/18-6300T	08-3400-A/B	04/14-3100-A/B	1037	42-8000	
08-6350	08-3400-A/B	04-3150-A/B	1037	n/a	
11-6300	01-3400-A/B	11-3100-A/B	1037	01-8000	
14-6350	04-3400-A/B	14-3150-A/B	1038	n/a	
16-6350	06-3400-A/B	16-3150-A/B	1038	42-8000	
18-6350	08-3400-A/B	14-3150-A/B	1037	n/a	
259-6300	059-3400-A/B	259-3100-A/B	1038	259-8000	
35-6300	05-3400-A/B	35-3100-A/B	1038	35-8000	
359-6300	059-3400-A/B	35-3100-A/B	1038	059-8000	Obsolete
359-6350	059-3400-A/B	35-3150-A/B	1038	059-8000	
36/316-6300	06-3400-A/B	36/316-3100-A/B	1038	06-8000	
36-6350	06-3400-A/B	36-3150-A/B	1038	06-8000	
42/62-6300	02-3400-A/B	42/62-3100-A/B	1037	42-8000	
42/62-8300	02-3400-B/B	42/62-3100-B	1037	42-8000	Both Sides are 'B' Sides
42-6350	02-3400-A/B	42-3150-A/B	1037	42-8000	
42-8350	02-3400-B/B	42-3150-B	1037	42-8000	Both Sides are 'B' Sides
44-6300	04-3400-A/B	44-3100-A/B	1038	06-8000	
454-6300	05-3400-A/B	454-3100-A/B	1038	454-8000	Obsolete
45-6300	05-3400-A/B	45-3100-A/B	1038	35-8000	
459-6300	059-3400-A/B	45-3100-A/B	1038	059-8000	Obsolete
459-6350	059-3400-A/B	45-3150-A/B	1038	059-8000	
48/68-6300	08-3400-A/B	48/68-3100-A/B	1037	42-8000	
48-6350	08-3400-A/B	48-3150-A/B	1037	42-8000	
5-119906	5-7499201-A/B	5-7199206-A/B	5-3299001	n/a	
5-119909	5-7499201-A/B	5-7199209-A/B	5-3299001	n/a	
559-6300	059-3400-A/B	55-3100-A/B	1038	559-8000	Obsolete
559-6350	059-3400-A/B	55-3150-A/B	1038	559-8000	
565-6300	565-3400-A/B	565-3100-A/B	1038	05-8000	Obsolete
65-6300	65-3400-A/B	65-3100-A/B	1038	75-8000	
68-6350	08-3400-A/B	68-3150-A/B	1037	42-8000	
75-6300	05-3400-A/B	75-3100-A/B	1038	35-8000	Obsolete
75-6350	05-3400-A/B	75-3150-A/B	1038	35-8000	
85-6300	65-3400-A/B	85-3100-A/B	1038	75-8000	
92-6300	02-3400-A/B	92-3150-A/B	1037	42-8000	

Generic Parts to ALL Chain Units Listed Above

Ball Joint	1005
Diaphragm	5248
Arm Bearing Kit	3444
Can Clamp Kit	0439



Solenoids & Air Switches



BOM ID	PartNo	Description	Applications
1	12v - 5047 / 24v - 5046	3-Way Solenoid Valve-Normally Closed, Case Ground w/ Unterminated Pos. Lead	12v Kit# 0570, 0586, 0586-CP, 0586-GIL, 0570, 0589 / 24v Kit# 0587, 0587-D, 0587-M
2	12v - 5047 / 24v - 5046	3-Way Solenoid Valve-Normally Closed, Case Ground w/ Unterminated Pos. Lead	12v Kit# 0570, 0586, 0586-CP, 0586-GIL, 0587, 0589 / 24v Kit# 0587, 0587-D, 0587-M
3	5047	3-Way Solenoid Valve-Normally Closed, Case Ground w/ Unterminated Pos. Lead	12v Kit# 0570, 0586, 0586-CP, 0587, 0589
4	5202	Air Switch	Air Switch Kit# 5080
5	5047-M	3-Way Solenoid Valve-Normally Closed, Case Ground w/ Unterminated Pos. Lead	12v Kit# 0586-M

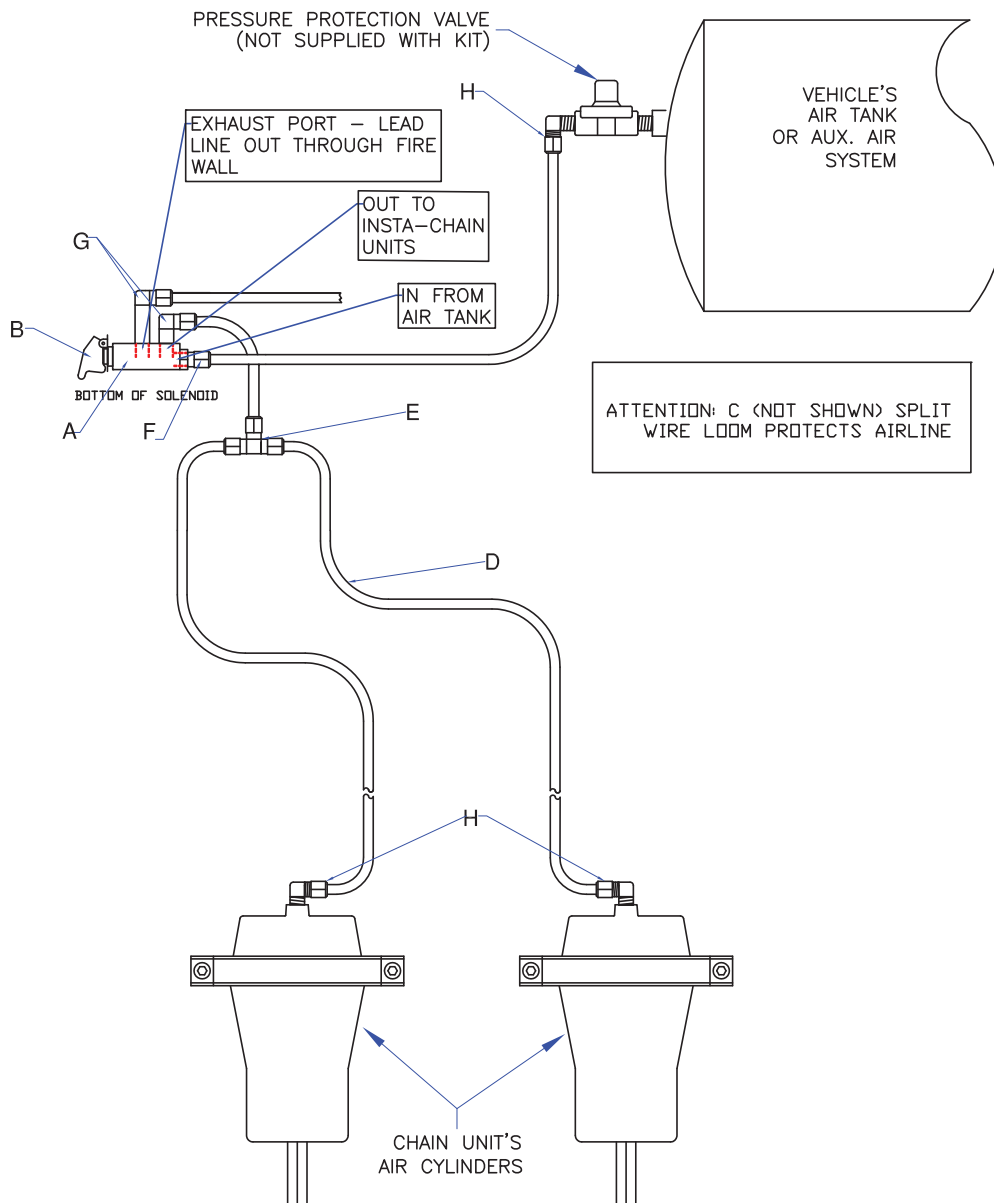
Line 1 - Available in 12v (P/N 5047) and 24v (P/N 5046) solenoids

Line 2 - Available in 12v (P/N 5047) and 24v (P/N 5046) solenoids

Line 2 & 3 Discontinued

0580 - AirSwitch Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5202	3-WAY 2 POS. TOGGLE SWITCH	A
1	5199	SWITCH GUARD	B
1	5190	1/4" SPLIT WIRE LOOM PKG. (25 FT)	C
1	5125	1/4" DOT AIRLINE - 100FT	D
1	5064	1/4" UNION "T" PUSH CON.	E
1	5063	1/4"x1/8" STRGHT. FITTING PUSH CON.	F
2	5061	1/4"x1/8" 90DEG FITTING PUSH CON.	G
3	5060	1/4"x1/4" 90DEG FITTING PUSH CON.	H



0586 - Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5047	12V 3-WAY SOLENOID VALVE	A
4	5206	SOLENOID LOCK NUTS	
8	5306	1/4" SOLENOID WASHERS	
4	5406	1/4"-20 x 1 SOLENOID BOLT	
4	5080	BRASS ELBOW 90° 3/8 x 1/4	B
25'	5123	3/8" AIR LINE 25 FT	C
35'	5180-BL	ELTC. WIRE 14GA-BL BLUE 35FT	D
6	5180-R	ELTC. WIRE 14GA-RE RED 6FT	E
4	5180-BK	ELTC. WIRE 14GA-BK BLACK 4FT	F
1	5190	1/4" SPLIT WIRE LOOM 25FT	
2	5183	1/4" BLUE RING CONNECTOR	G
4	5184	FEMALE PUSH-ON SPADE CO BLUE	H
2	5188	14/16-GA. BUTT CONN-HEAT	I
1	5199	SWITCH GUARD	J
1	5203	RED TOGGLE SWITCH	K
1	0113-F05	ATO FUSE 5A TAN	L
1	0113-FH	FUSE HOLDER	M
1	5050	SOLENOID MTG BRACKET	N
1	5121	BRASS RUN T	O

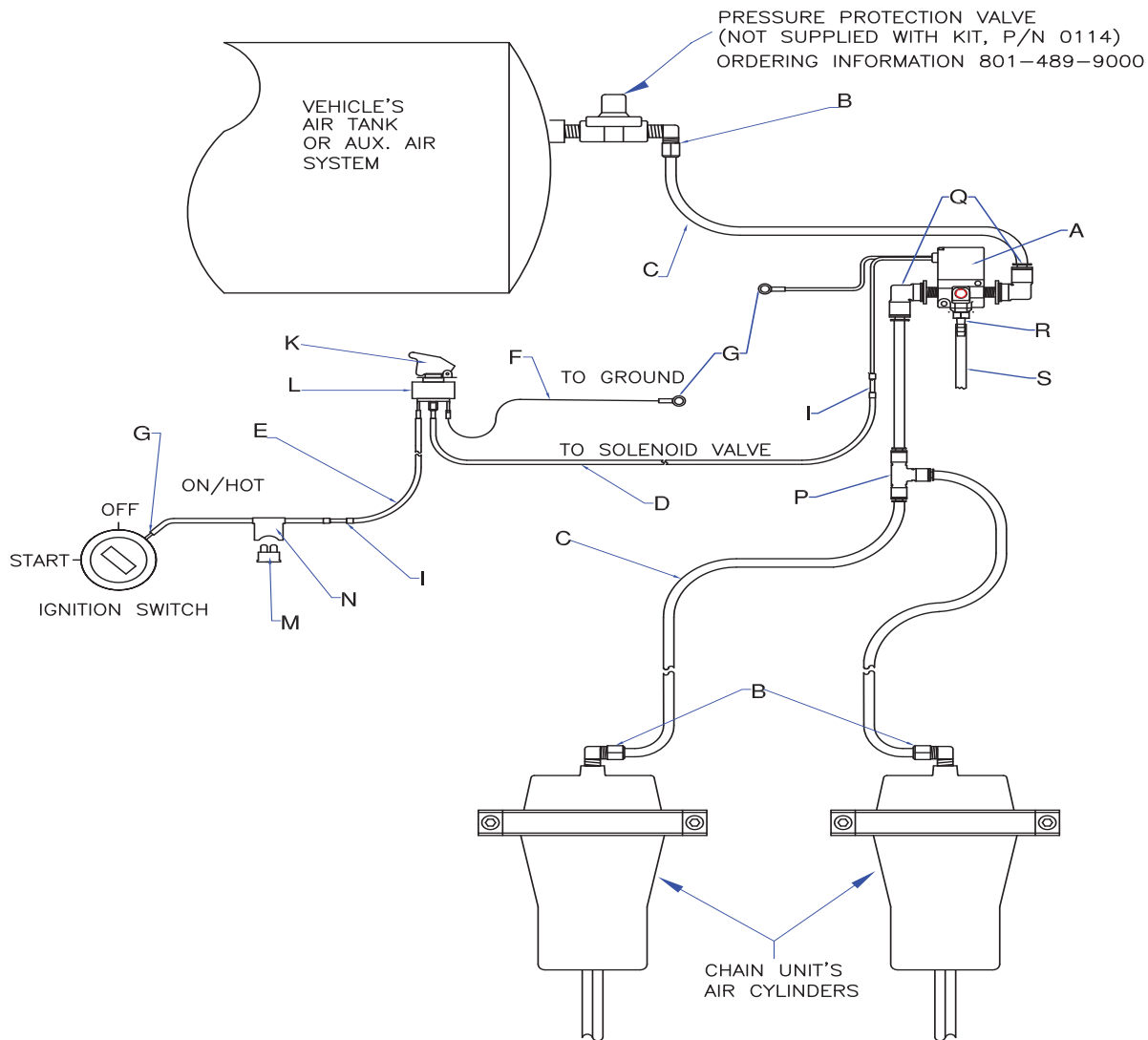
0589 - 2 Axle Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
2	5047	12 VDC 3-WAY SOLENOID VALVE	A
7	5206	SOLENOID VALVE LOCK NUTS	
14	5306	1/4" SOLENOID WASHER	
7	5406	1/4"-20 x 1 SOLENOID BOLT	
6	5080	BRASS ELBOW 90* 3/8 x 1/4	B
30'	5123	3/8" AIR LINE	C
3	5121	BRASS RUN T	D
25'	5170	14/2 JACKETED PRIMARY WI.	E
24'	5180A	ELTC WIRE 14GA. 12FT-RED 12FT-BLCK	F
2	5183	1/4" BLUE RING CONNECTOR	G
8	5184	FEMALE PUSH-ON SPADE CO BLUE	H
3	5188	14/16-GA. BUTT CONN-HEAT	I
1	5189	14/16-GA. PIGGY BACK CONN	J
2	5199	SWITCH GUARD	K
2	5203	TOGGLE SWITCH "RED ONLY"	L
1	0113-F05	ATO FUSE 5A TAN	M
1	0113-FH	FUSE HOLDER	N
1	5055	SOLENOID MTG BRACKET	O
1	5191	3/8" SPLIT WIRE LOOM PKG (25FT)	

0586-M - Solenoid Kit

ITEM	P/N	DESCRIPTION	QTY
A	5047-M	12V 3-WAY SOLENOID VALVE	1
B	5080	PUSH CONNECT 90° 1/4 x 1/4	3
C	5125	1/4" DOT AIR LINE	25'
D	5180-BL	ELTC. WIRE 14GA-BL BLUE 35FT	35'
E	5180-R	ELTC. WIRE 14GA-RE RED 6FT	6
F	5180-BK	ELTC. WIRE 14GA-BK BLACK 4FT	4
	5190	1/4" SPLIT WIRE LOOM 25FT	1
G	5183	1/4" BLUE RING CONNECTOR	4
H	5184	FEMALE PUSH-ON SPADE CO BLUE	4
I	5188	14/16-GA. BUTT CONN-HEAT	2
K	5199	SWITCH GUARD	1
L	5203	TOGGLE SWITCH "RED ONLY"	1
M	0113-F05	ATO FUSE 5A TAN	1
N	0113-FH	FUSE HOLDER	1
O	5050-M	SOLENOID MTG "L" BKT 1/8' MTG HOLES	1
P	5064	1/4" PUSH CONNECT UNION "T"	1
Q	5061	1/4" x 1/8" 90° PUSH FITTING	2
R	5065	1/4" x 1/4" 90° BARB FITTING	1
S	5127	1/4" x 3" AIR LINE (CLEAR)	3"
	5406	1/4" SOLENOID BOLT	2
	5206	SOLENOID VALVE LOCK NUT	2
	5306	SOLENOID WASHER	4
	5103	3MM SOLENOID VALVE NYLON NUTS	2
	5303	3.5MM SOLENOID WASHER	4
	5403	3MM x 27MM SOLENOID BOLT	2

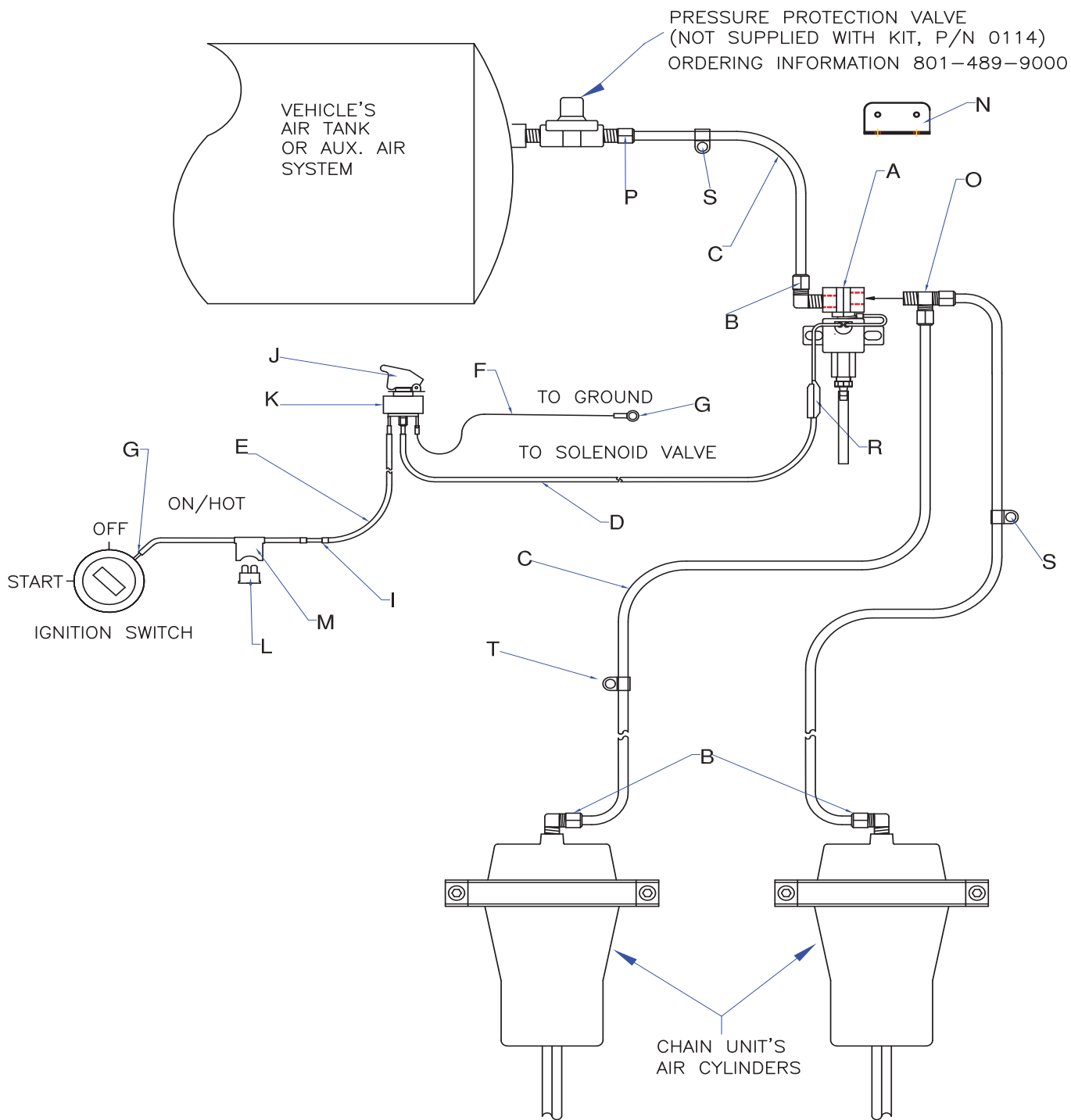
0586-M - Solenoid Kit



0586-CP - Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5047	12V 3-WAY SOLENOID VALVE	A
7	5206	SOLENOID VALVE LOCK NUTS	
11	5306	1/4" SOLENOID WASHER	
6	5406	1/4"-20 x 1 SOLENOID BOLT	
3	5080	BRASS ELBOW 90* 3/8 x 1/4	B
25'	5123	3/8" AIR LINE	C
35'	5180-BL	ELTC. WIRE 14GA-BL BLUE 35FT	D
6	5180-R	ELTC. WIRE 14GA-RE RED 6FT	E
4	5180-BK	ELTC. WIRE 14GA-BK BLACK 4FT	F
1	5190	1/4" SPLIT WIRE LOOM 25FT	
3	5184	FEMALE PUSH-ON SPADE CO BLUE	H
2	5188	14/16-GA. BUTT CONN-HEAT	I
1	5199	SWITCH GUARD	J
1	5203	TOGGLE SWITCH "RED ONLY"	K
1	0113-F05	ATO FUSE 5A TAN	L
1	0113-FH	FUSE HOLDER	M
1	5050	SOLENOID MTG BRACKET	N
1	5121	BRASS RUN T	O
1	5076	STRGHT BRASS FITTING 3/8" x 1/4" NPT	P
1	5191	3/8" SPLIT WIRE LOOM PKG 25FT	
1	5174	MALE PUSH-ON SPADE BL CONN. 14GA	Q
1	5057	1-WAY FEMALE WTHR. PAC HOUSE.	R
1	5058	16/14 GA. FEMALE WTHR. PAC TERMINAL	
3	5194	1/2" WIRE & TUBE CLAMP	S

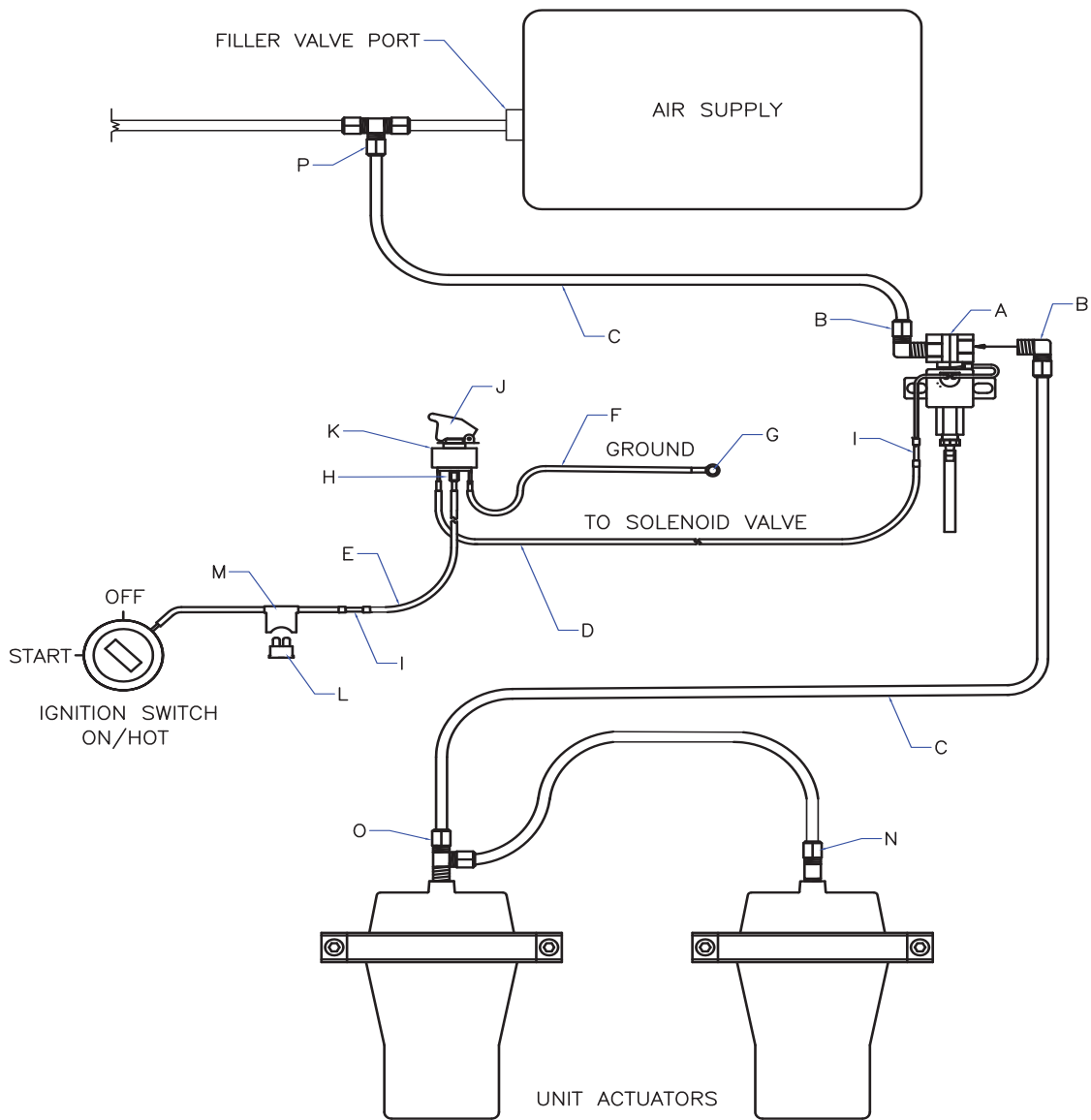
0586-CP - Solenoid Kit



0586-GIL - Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5047	12V 3-WAY SOLENOID VALVE	A
2	5206	SOLENOID LOCK NUTS	
4	5306	1/4" SOLENOID WASHERS	
2	5406	1/4"-20 x 1 SOLENOID BOLT	
2	5080	BRASS ELBOW 90° 3/8 x 1/4" NPT	B
10'	5123	3/8" AIR LINE 10 FT	C
70'	5180-BL	ELTC. WIRE 14GA-BL BLUE 70FT	D
15'	5180-R	ELTC. WIRE 14GA-RE RED 15FT	E
18'	5180-BK	ELTC. WIRE 14GA-BK BLACK 18T	F
2	5190	1/4" SPLIT WIRE LOOM 25FT	
2	5183	1/4" BLUE RING CONNECTOR	G
4	5184	FEMALE PUSH-ON SPADE CO BLUE	H
2	5188	14/16-GA. BUTT CONN-HEAT	I
1	5199	SWITCH GUARD	J
1	5203	RED TOGGLE SWITCH	K
1	0113-F05	ATO FUSE 5A TAN	L
1	0113-FH	FUSE HOLDER	M
2	5076	STRIGHT BRASS FITTING 3/8" 1/4" NPT	N
1	5121	3/8" 1/4"NPT BRASS RUN T	O
1	5124	3/8" PUSH CONNECT T	P

0586-GIL - Solenoid Kit

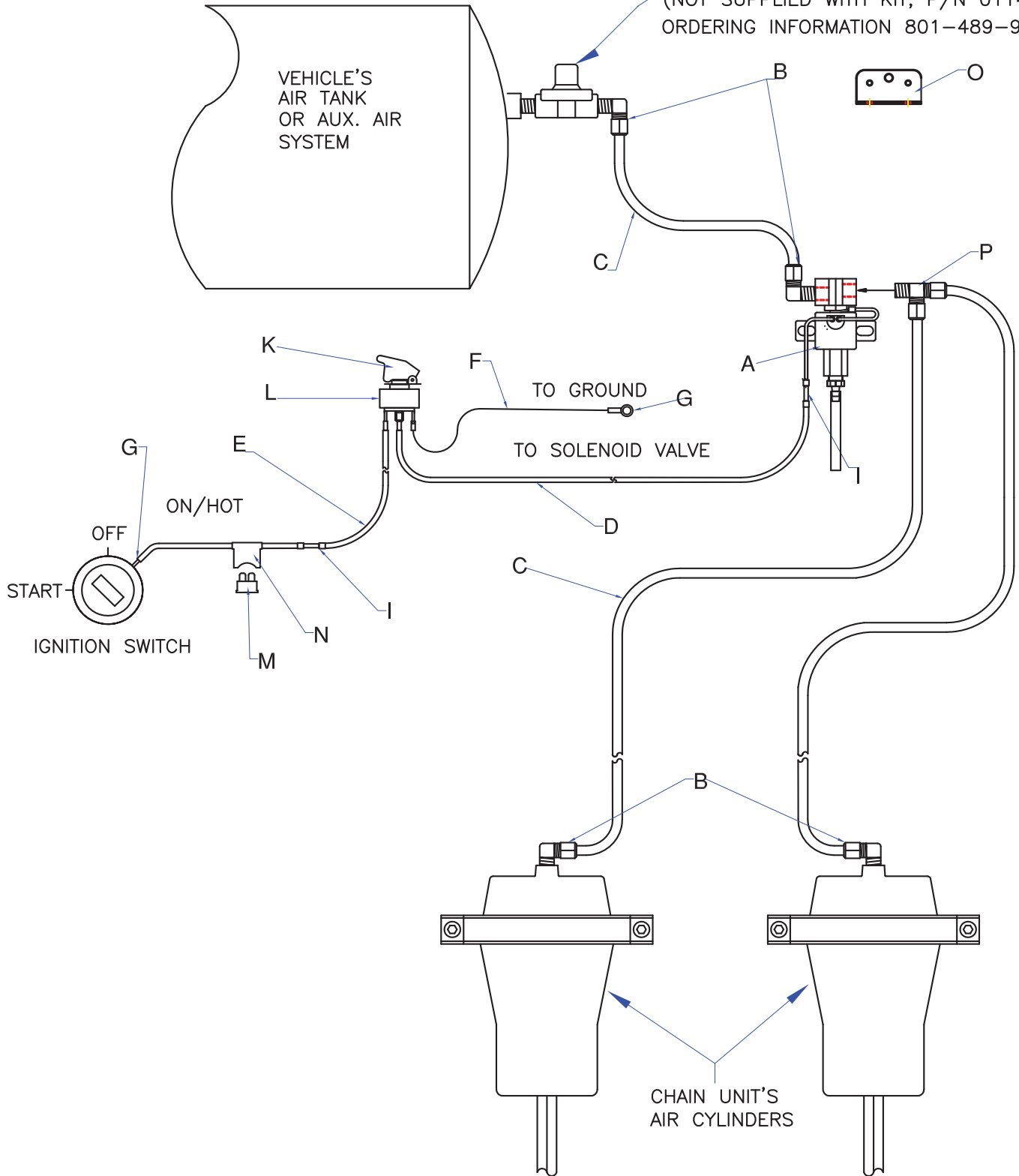


0587 - Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5046	24V 3-WAY SOLENOID VALVE	A
4	5206	SOLENOID VALVE LOCK NUTS	
8	5306	1/4" SOLENOID WASHER	
4	5406	1/4"-20 x 1 SOLENOID BOLT	
4	5080	BRASS ELBOW 90* 3/8 x 1/4	B
25'	5123	3/8" AIR LINE	C
35'	5180-BL	ELTC. WIRE 14GA-BL BLUE 35FT	D
6	5180-R	ELTC. WIRE 14GA-RE RED 6FT	E
4	5180-BK	ELTC. WIRE 14GA-BK BLACK 4FT	F
1	5190	1/4" SPLIT WIRE LOOM 25FT	
2	5183	1/4" BLUE RING CONNECTOR	G
4	5184	FEMALE PUSH-ON SPADE CO BLUE	H
2	5188	14/16-GA. BUTT CONN-HEAT	I
1	5189	14/16-GA. PIGGY BACK CONN	J
1	5199	SWITCH GUARD	K
1	5203	TOGGLE SWITCH "RED ONLY"	L
1	0113-F05	ATO FUSE 5A TAN	M
1	0113-FH	FUSE HOLDER	N
1	5050	SOLENOID MTG BRACKET	O
1	5121	BRASS RUN T	P

0587 - Solenoid Kit

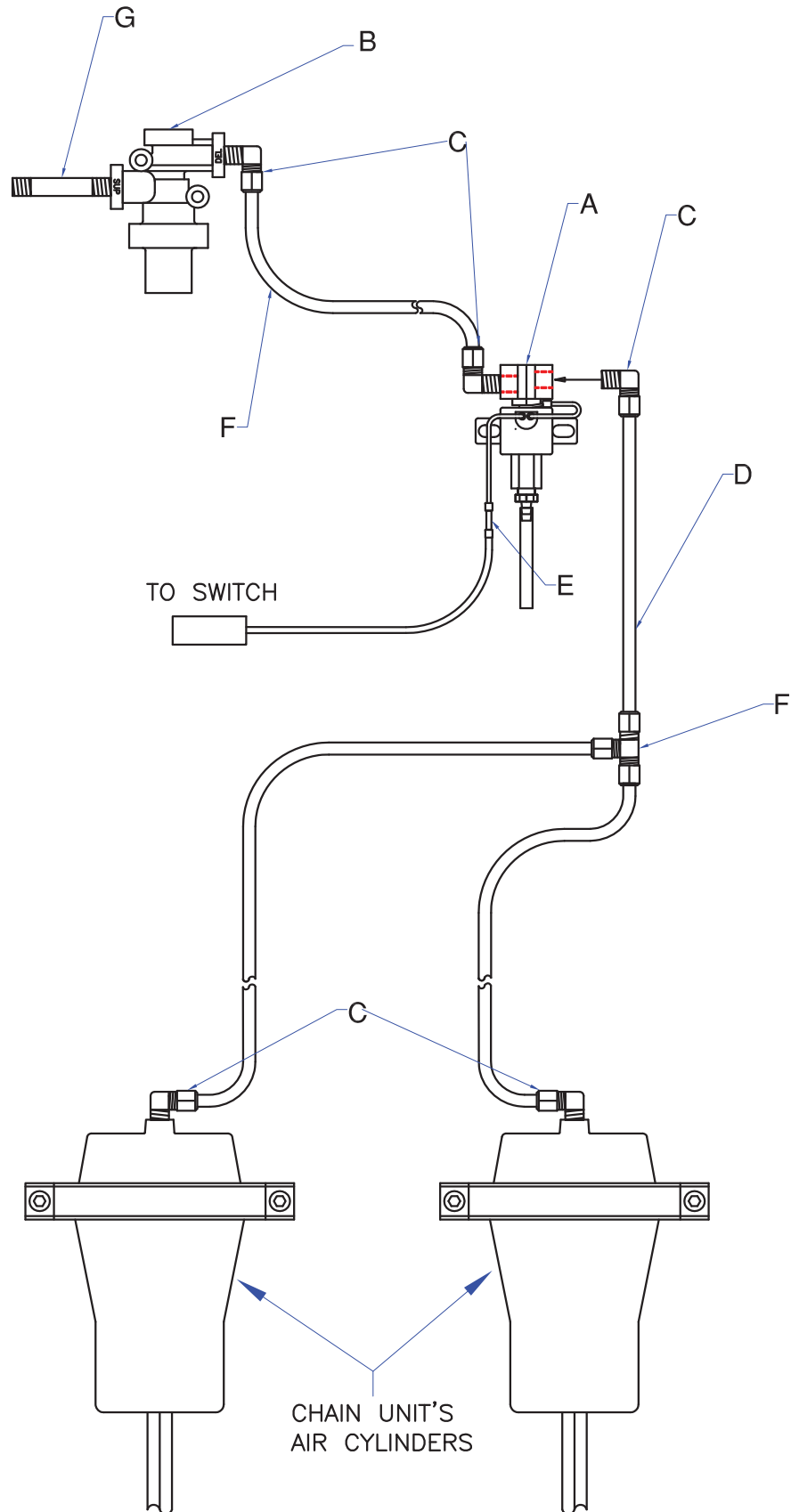
PRESSURE PROTECTION VALVE
(NOT SUPPLIED WITH KIT, P/N 0114)
ORDERING INFORMATION 801-489-9000



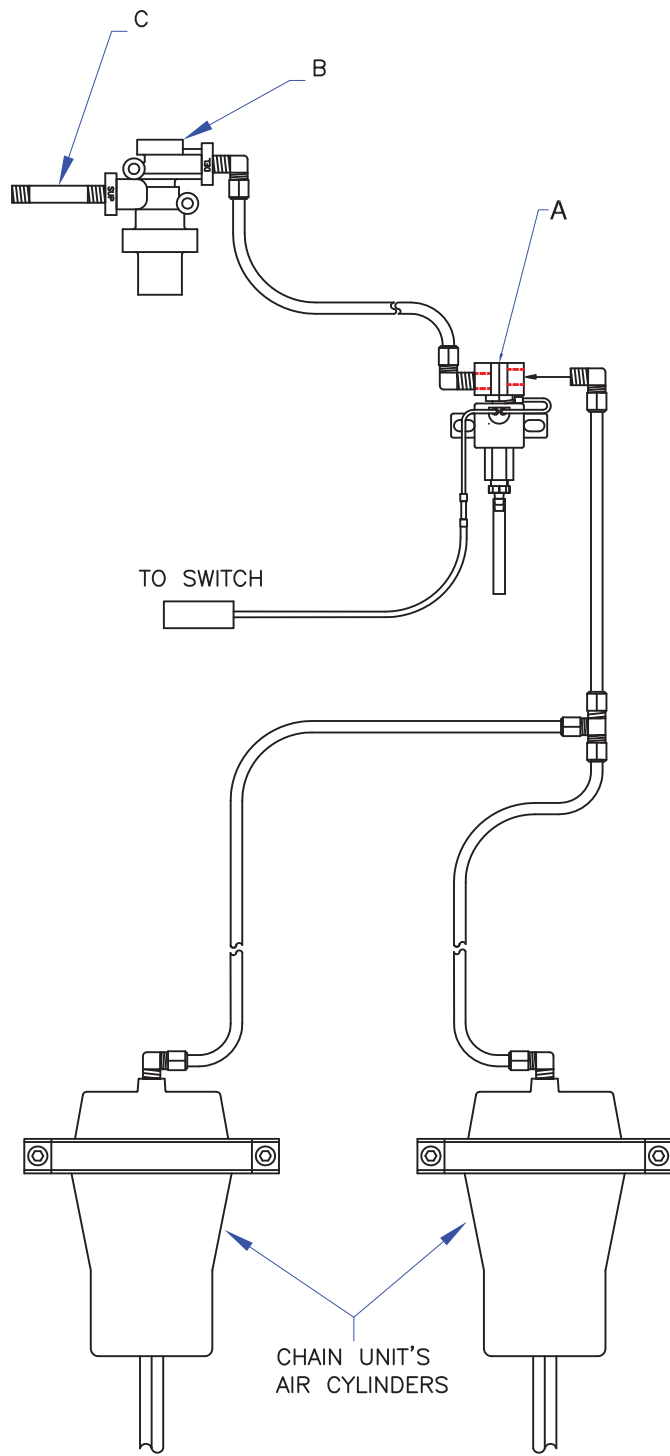
0587-D MCI - Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5046-D	24V 3-WAY SOLENOID VALVE	A
		W/SINGLE WEATHER PACK	
2	5206	SOLENOID VALVE LOCK NUTS	
4	5306	1/4" SOLENOID WASHER	
2	5406	1/4"-20 x 1 SOLENOID BOLT	
1	0114-85	PRESSURE PROTECT. VALVE #85	B
5	5088	PUSH CONN. ELBOW 90* 3/8 x 1/4	C
25'	5123	3/8" AIR LINE	D
1	5188	14/16-GA. BUTT CONN-HEAT	E
1	5124	PLASTIC RUN "T" PUSH CONN.	F
1	5070	1/4" x 3" CLOSE NIPPLE	G
1	0118	1/4" CLOSE NIPPLE	
1	0130	1/2" x 1/4" BUSHING	

0587-D MCI - Solenoid Kit



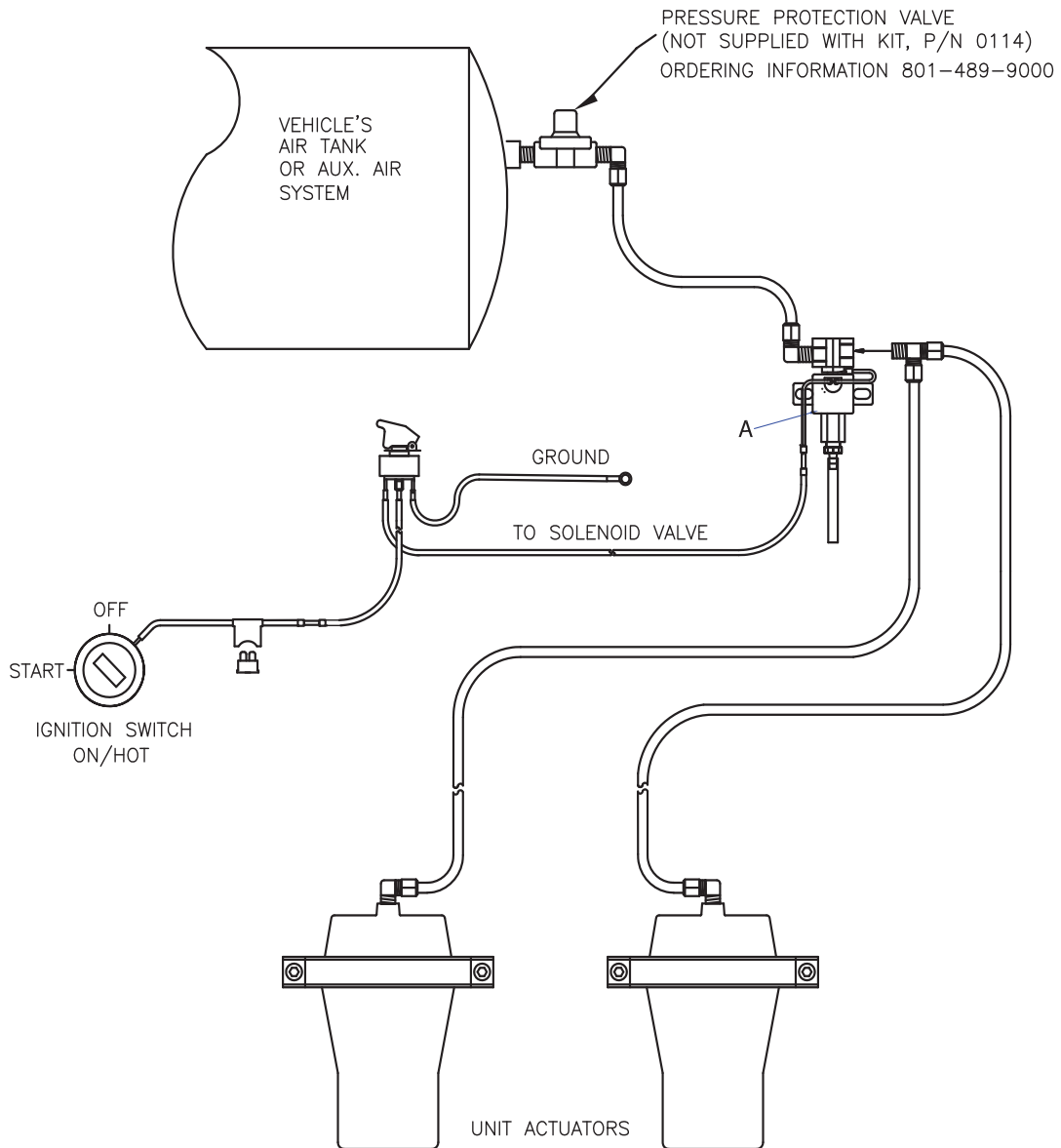
0587-M MCI - Solenoid Kit



QTY	P/N	DESCRIPTION	ITEM
1	5046-D	24V 3-WAY SOLENOID VALVE	A
		W/SINGLE WEATHER PACK	
1	0114-85	PRESSURE PROTECT. VALVE	B
1	5070	1"X3" CLOSE NIPPLE	C

0570 - Rosenbauer Solenoid Kit

QTY	P/N	DESCRIPTION	ITEM
1	5047	12V 3-WAY SOLENOID VALVE	A
1	5050	SOLENOID MTG BRACKET	
4	5206	SOLENOID LOCK NUTS	
8	5306	1/4" SOLENOID WASHERS	
4	5406	1/4"-20 x 1 SOLENOID BOLT	
25'	5123	3/8" AIR LINE 25 FT	



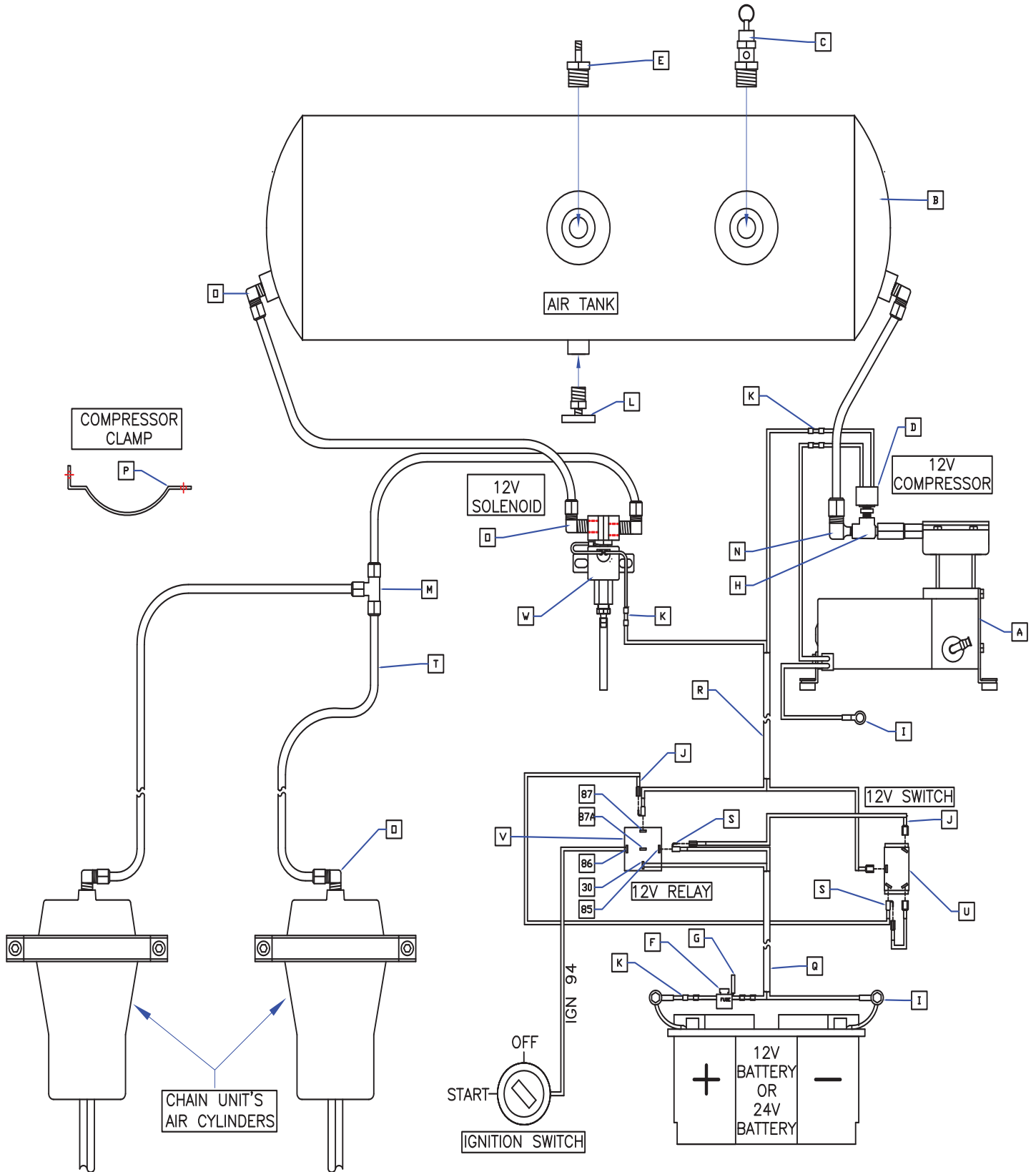
0113 - Aux Air System Kit

QTY	P/N	DESCRIPTION	ITEM
1	0113-CP	12 VOLT COMPRESSOR	A
1	0112-AT	7" AIR TANK	B
1	0113-S	SAFTEY VALVE	C
1	1113-PS	90/120 AUTOMATIC PRESSURE SWITCH	D
1	0113-VS	VALVE STEM - AIR TANK	E
1	0113-F20	20 AMP FUSE	F
1	0113-FH	FUSE HOLDER	G
1	0138	1/8" STREET "T"	H
1	5183	1/4" BLUE RING CON. 16/14 GA.	I
4	5188	14/16 GA. BUTT CONN-HEAT	J
4	5408	3/8" x 1 1/4" TANK BOLT	
4	5409	3/8" -16 NYLOCK NUT	
8	5312	3/8" FLAT WASHER	
1	0125	DRAIN VALVE	K
1	5079	BRASS ELBOW 90° 3/8" x 1/8"	L
1	5080	BRASS ELBOW 90° 3/8" x 1/4"	M
1	0112-TB	7" TANK BRACKET SET	N
15	5180-BL	ELCT WIRE 14GA.-BL 35FT BLUE	O

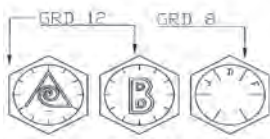
0101 - Aux Air System Complete w/ Relay

QTY	P/N	DESCRIPTION	ITEM
1	0113-CP	12 VOLT COMPRESSOR	A
1	0112-AT	7" AIR TANK	B
1	0113-S	SAFTEY VALVE	C
1	1113-PS	AUTOMATIC PRESSURE SWITCH	D
1	0113-VS	VALVE STEM - AIR TANK	E
1	0113-F20	20 AMP FUSE	F
1	0113-FH	FUSE HOLDER	G
1	0138	1/8" STREET "T"	H
4	5183	1/4" BLUE RING CON. 16/14 GA.	I
9	5184	FEMALE SPADE PUSH CON. BLUE 14GA.	J
5	5188	14/16 GA. BUTT CONN-HEAT	K
1	0125	DRAIN VALVE	L
1	5124	BLACK PUSH CONN. "T"	M
1	5079	BRASS ELBOW 90° 3/8" x 1/8"	N
6	5080	BRASS ELBOW 90° 3/8" x 1/4"	O
1	0112-TB	7" TANK BRACKET SET	P
17	5170	GRAY JACKETED WIRE 17FT	Q
8		GRAY JACKETED WIRE 8FT	R
1	5189	14/16 GA. PIGGY BACK CONN.	S
25'	5123	3/8" AIR LINE 25 FT	T
1	5203	RED TOGGLE SWITCH	U
1	5175	12V DC RELAY	V
1	5047	2-3 WAY SOLENOID VALVE	W
1	5050	SOLENOID MTG BRACKET	
7	5408	3/8" x 1 1/4" TANK BOLT	
7	5409	3/8" -16 NYLOCK NUT	
14	5312	3/8" FLAT WASHER	
1	5190	SPLIT WIRE LOOM	
1	5199	SWITCH GUARD	
3'	5180-BK	ELCT WIRE 14GA.-BL 3FT BLACK	
2'	5180-R	ELCT WIRE 14GA.-BL 2FT RED	

0101 - Aux Air System Complete w/ Relay



TORQUE SPEC CHART

INSTA-CHAIN PART NUMBER	FASTENER DETAILS	INSTA-CHAIN DESCRIPTION	NOMINAL TORQUING FT/LBS	
			DRY TORQUING FT/LBS	LUBRICATED TORQUING FT/LBS
CHAIN UNIT HARDWARE				
5211-W	M20x2.5 Nut GRD 8	Chain Wheel Nut	135	
5438	M10x2.0 Nylon Nut	Ball Joint Nut	45	
5134	M14x1.5 Nut	Extension Coupling Jamb Nut	75	
4613	3/8"-24 Lock Nut	Chain Plate Nut	45	
5207	3/8"-24 Lock Nut	Air Cylinder Nut	35	
5409-T	3/8"-16 Nylon Nut	Air Cylinder Clamp Nut	30	
5130-B	3/8"-16 Lock Nut	Stop Bolt Nut	30	
5135	3/8"-16x1 3/4 GRD 12 Bolt	Ball & Socket Arm Bolt	60	45
MOUNTING BRACKET HARDWARE SPECS (See Fig 1)				
0226	5/8"-11 GRD 8	Mounting Hole Lock Nut	175	
0250	5/8"-11 x 2 1/2" GRD 8	Mounting Hole Bolt	175	
Varies by Length	5/8"-11 GRD 8	Coupling Nut Bolt	175	
0226	5/8"-11 GRD 12	Mounting Hole Lock Nut	130	
90250	5/8"-11 x 2 1/2" GRD 12	Mounting Hole Bolt	135	
Varies by Length	5/8"-11 GRD 12	Coupling Nut Bolt (Heavy Duty See Fig 1)	185	
MOUNTING CONFIGURATION HARDWARE SPECS (See FIG.1 for Hardware Identification)				
Varies by Size	OEM U-Bolt Size	Coupling Nut (When installed underneath original OEM nuts)	130	100
Varies by Size	OEM U-Bolt Size	Coupling Nut (When OEM nuts are removed and replaced)	See OEM U-Bolt Specs	
Varies by Model	1"-14 Bolt GRD 8	Bar-Pin Mounting Bracket	See OEM Bar-Pin Specs	
Varies by Model	3/4"-16 U-Bolt GRD 8	U-Bolt Saddle Mounting Bracket	312	
Varies by Model	5/8"-18 U-Bolt GRD 8	U-Bolt Saddle Mounting Bracket	175	
SOLENOID SYSTEM HARDWARE				
5206	1/4"-20 Lock Nut	Solenoid Mounting Nut	5 lbs or (50 in/lbs.)	
5406	1/4"-20 Bolt	Solenoid Mounting Bolt	5 lbs or (50 in/lbs.)	
OEM U-BOLTS				
No P/N	Vehicle U-Bolt	OEM U-Bolts Replacement	See OEM Torque Specs	
<u>MUST READ IMPORTANT TIPS FOR INSTALLING INSTA-CHAIN PRODUCTS</u>				
<p>1.) Insta-Chains coupler nuts are required to be fastened underneath OEM U-bolt nuts with an Anti-Seize.</p> <p>2.) Mounting bracket bolts are required to have high strength locking fluid when fastening bracket to its fixture.</p> <p>3.) ALL NUTS can only be re-used and fastened THREE times (otherwise the lock nut will lose its locking set.)</p> <p>4.) Always tighten bolts in cross patterns and in 1/2 torque stages until the appropriate torque is reached.</p> <p>5.) All OEM U-Bolts should be fastened by using the OEM specs of torquing.</p> <p>6.) Never exceed torque specs over 5% this will result in stretched bolts.</p> <p>7.) Lubricated Torquing is defined as fastening a nut or bolt by using a thread locker or Anti-seize. (Anti-Seize is to be used on all through pins, coupling nuts, and U-bolts when fastening.)</p>				
			 <p style="text-align: center;">FIG. 1</p>	



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