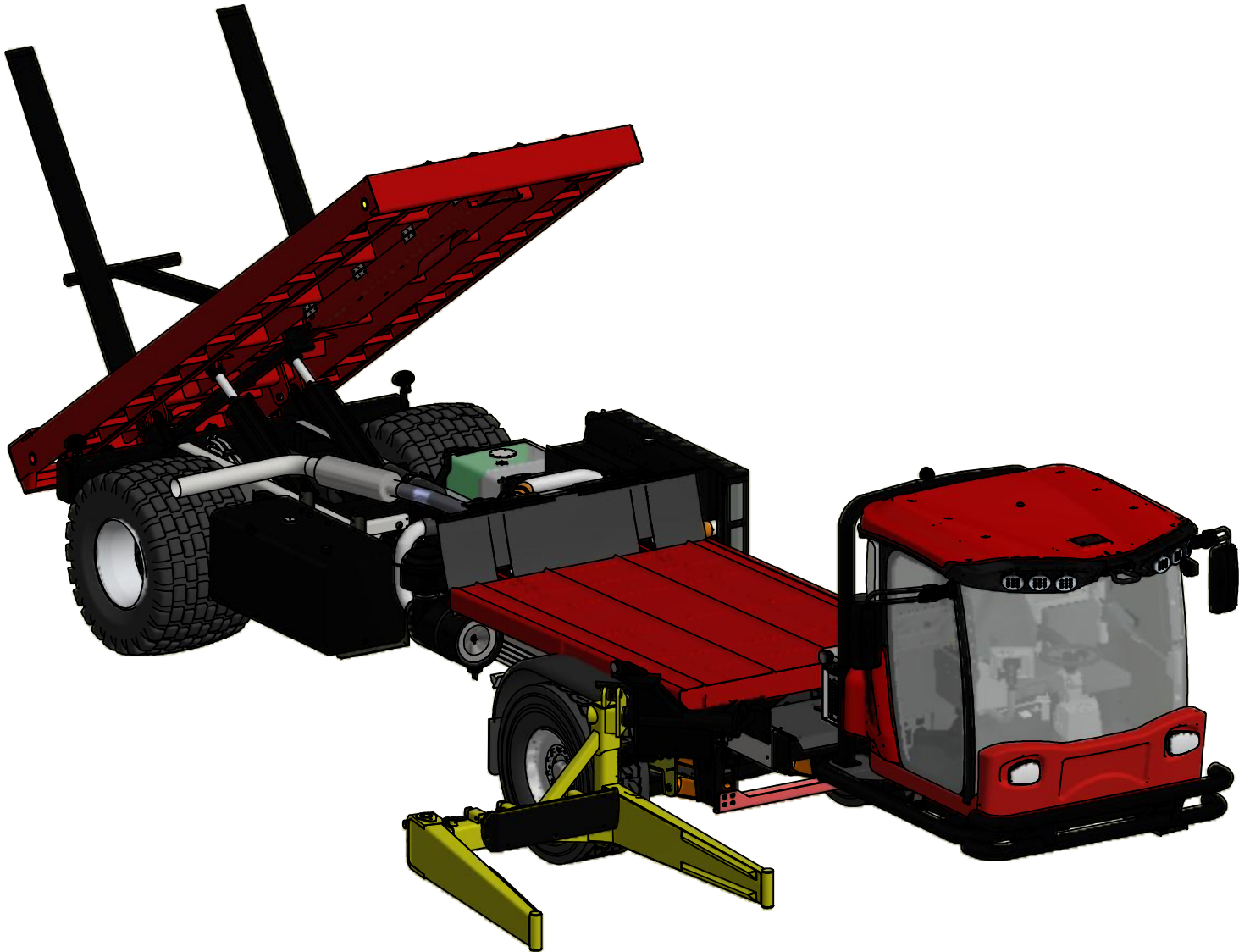
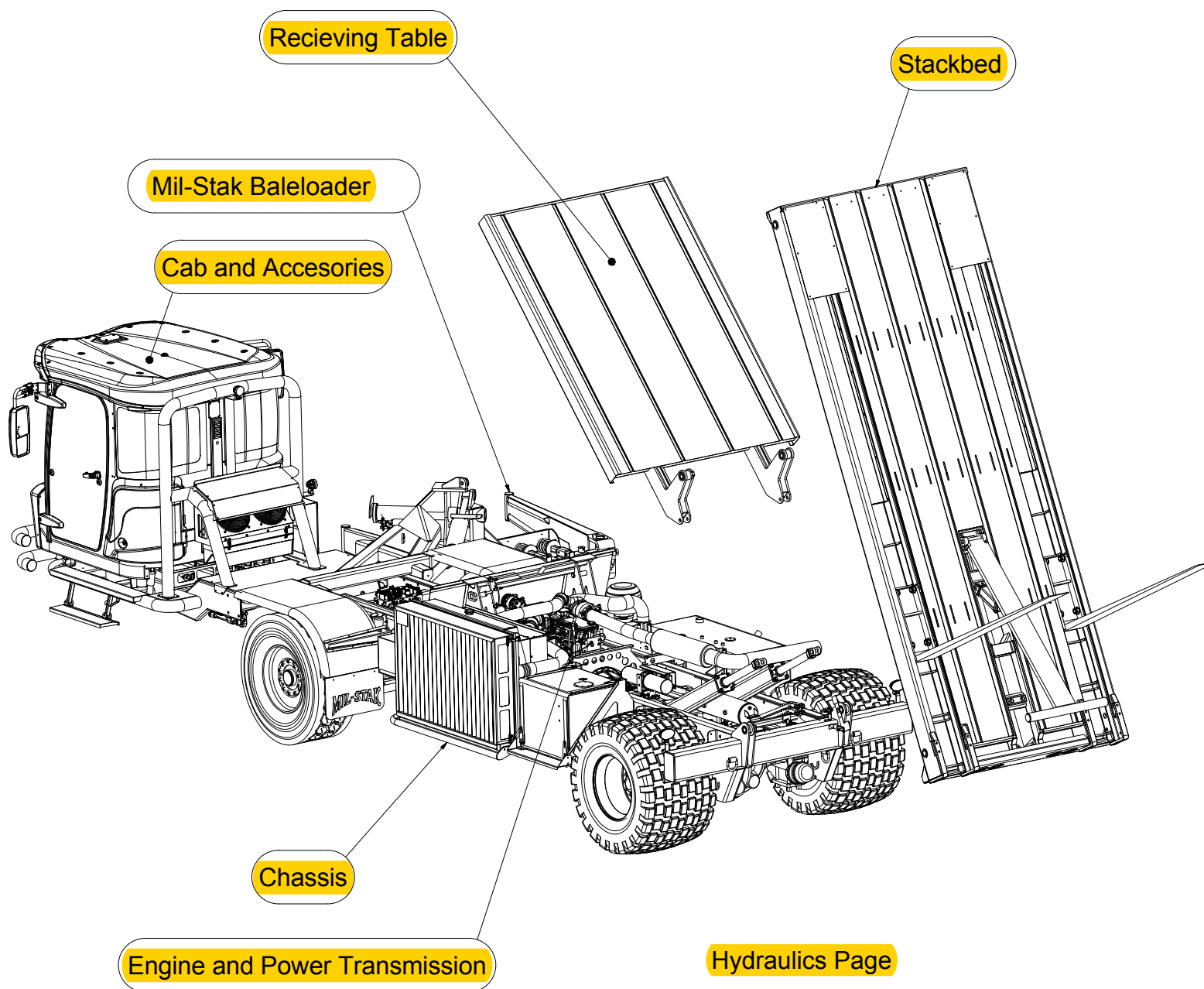
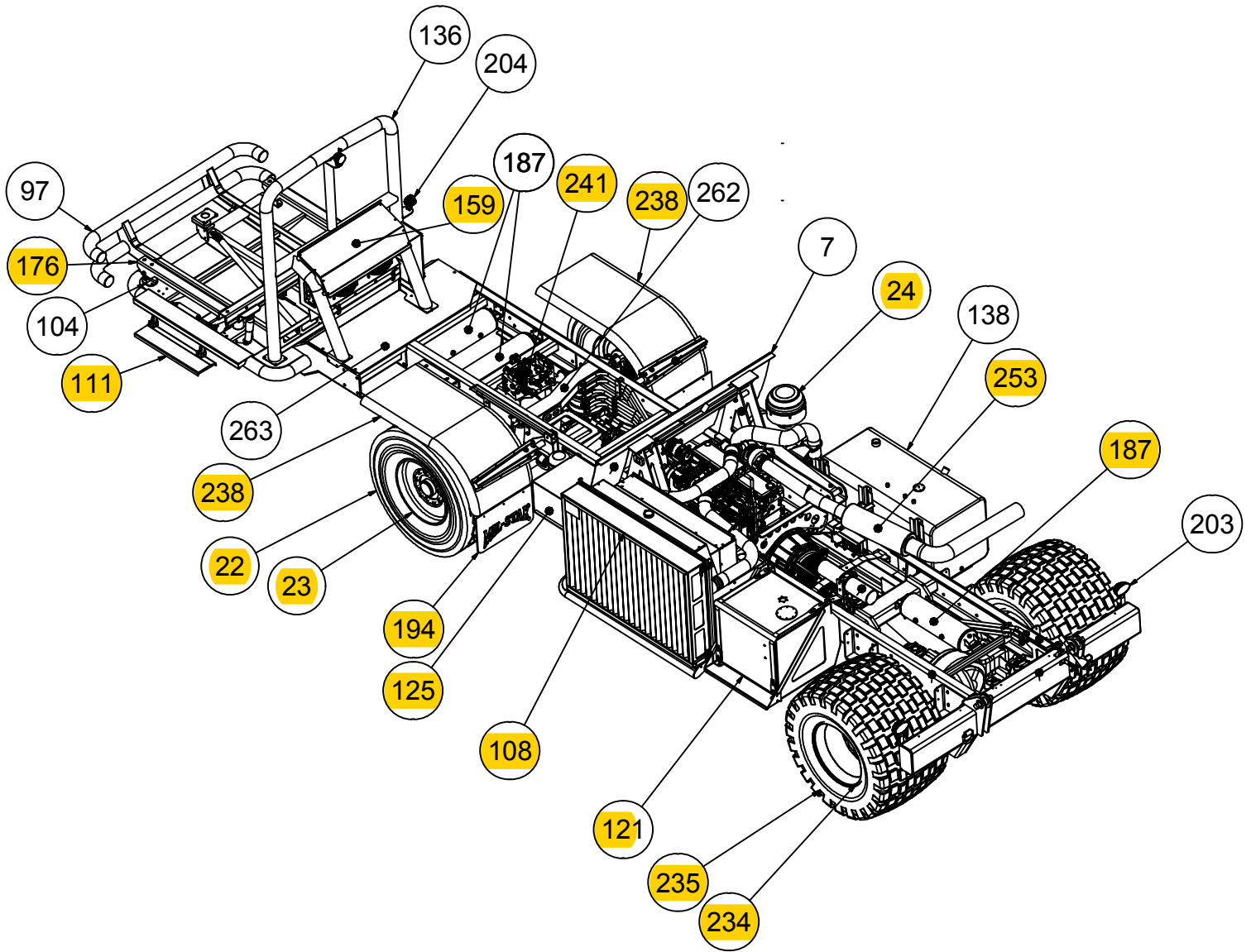

Mil-Stak SP/3150

Parts Manual



Mil-Stak Inc. 2201 Hwy 30 West. Fruitland Idaho 83619
Phone 208-452-6045 Fax 208-452-6065





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7	100090	Stack Bed Deflector Mount	
8	100091	Mount, CPF & left fender	
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10	100149	Deflector End Cap Front Weldment	
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13	100165	Battery, Interstate, 950 CCA, 3/8-16 Post	
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130	5A0897	Fan Motor Mount Weldment	
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133	5A1026	Cab Air Bag Top Right Mnt	
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157	5P0669	Stackbed top front cover	
158	5P0673	Manifold Deflector	
159	5P0683	Condensor Fan Cover	
160	5P0813	Frame to hydraulic mnt Brkt	
161	5P0814	Hydraulic pump mount channel	
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163	5P0830	Computer box mount SP	
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167	5P0861	Deflector Bottom Cover	
168	5P0890	Mount, Rear Suction Line	
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170	5P0897	Air bag Washer	
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172	5P0926	Hyd filter mnt brkt	
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177	5P1090	Hyd Tank Step	
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179	5P1205	SP-Joy stick mnt plate	
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181	5P1235	Formed console top	
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187	5P2000	Air Tank	
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190	5P2025	Knob, Air Valve	
191	5P2026	Nut, Control Valve to Dash Mount	
192	5P2032	Air Dryer	
193	5P2040	Air Pressure Gauge	
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208	5P7025	Polyurethane Bushing, Cab Strut	
209	5P7029	Limiter Strap	
210	5P7030	Bumper, Step - Threaded	
211	5P7114	RAM 2.4375" Round Base/ 2.25" Ball	
212	5P7152	Exterior Mirror LH, w. signal	
213	5P7153	Exterior Mirror RH, w. signal	
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215	5P7155	Arm, RH Mirror w. Harness	
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217	5P7161	Center Cap w. Mil-Stak emblem	
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220	5P7550	RAM Short Double Arm 2.25"	
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222	5P7602	Vibration Isolator, Front	
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225	5P7605	Washer, Motor Mount	
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227	5P7630	Meziere Water Pump	
228	5P7653	Transmission shift selector	
229	5P7700	Battery Disconnect	
230	5R7530	Nylon Flanged Bearing, 3/8" ID, 1/2" OD, 3/4" Length	
231	5R7551	Pin w. Clip, 3/8 x 2-5/16	
232	5R7553	Pin w. Clip, 3/8 x 3-5/16	
233	6A3000	3000RDS Allison, 421 Converter, Integral Cooler, SPL170 Yoke	
234	6P0351	Wheel, Steel, 22.5 x 24, 220.1mm Pilot, 285.75 mm Circle	
235	6P0390	Tire, Michelin Drive 710/45R22.5	
236	6P0508	U Bolt, 1", 5.375 Dana Rear	
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243	5P2021	R12 Relay Asm	
244	5P2023	SR1,Valve,Spring Brake	
245	5P2029	Valve ,Pressure Protection	
246	5P2020	QR-1	
247	5P7652	VIM	
248	5P7651	Transmission Control Module	
249	5P0597	Exhaust Front Mount Brkt	
250	5P0927	Bracket, VIM-TCM	
251	Clamp,1.0 x 3 half		
252	4 in flex exhaust		
253	5P-12774	Muffler,Stainless	
254	exhaust tail pipe		
255	Condenser with screen		
256	5P4184	C accum asm	
257	5P4181	AC Drier	
258	Cab relay and fuse Panel Asm		

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315	100467	AXLE BOX	
314	100129	1-1/8" Ubolt	
313	Nut 24x1.5	Nut	
312	4P5365	Washer, Flat, 1"	
311	100465	UBOLT PLATE 1-1/8	
310	6A0530	Leaf Spring,Eagle	
309	Hex Bolt 1-1/4 x 6.5 gr8	Heavy Hex Structural Bolt - UNC (Regular Thread - Inch)	
308	5A0883	Spring Hanger,Rear Axle,Rear Right	
307	5A0882	Spring Hanger ,Rear Axle Fr Lft	
306	5A0884	Spring Hanger,Rear Axle,Rear Left	
305	5A0881	Spring Hanger,Rear Axle Fr Rt	
304	100475	Level Sensor	
259	5P7001	1.25 x 6 Air Cylinder assy	
260	5A0995	Steering Shaft Assembly	
261	Steering U Joint ASM		
262	100225	Cross Member, Sway Bar	
263	5A0575	Deck Cover Weldment	
264	100320	Mount asm ,Top, Airbag SP	
265	100338	Air Bag ,Spring	
266	100337	Parasteer,Milstak SP	
267	100339	Tee Bone Assembly,Parasteer	
268	SP25P63-H1L	Cooling Fan and Power steering pump	
269	100316	Shock Mount,Left Front ,Upper	
270	6P0520	Shock Absorber,Front	
271	100321	Shock Mount,Right Front,Upper	
272	100417	Spacer,Parasteer,Dana	
273	5P4115	Air Cond Compressor	
283	5P5000	Electrical Box Base SP	
284	5P2019	LP3 IndicatorSwitch	
285	5P2028	SL5 Stop Light Switch	
286	6P0565	Leveling valve,Parasteer	
287	6P0570	Connecting Rod ,leveling Valve	
288	100424	Connecting Rod,Cab Leveling	
289	100422	Fender Mount ,Front Paddle	
291	100421	Fender Mount ,Front Bracket	
292	5P4195	Belt,AC Compressor	
293	5A0990	Driveline,PTO	
294	5P0975	Crank to pump adapter plate	
295	5P1975	Coolant Tube, Transmission to Engine	
296	5P1976	Coolant Tube, Radiator to Transmission	
297	6P2250	Coolant Hose, Engine Front to Rad	
298	6P2200	Coolant Hose, Engine Out	
299	5A0910	Coolant Cross Tube, Front	
300	6P2100	Coolant Hose, Engine Return	
301	5P1981	Coolant Tube, Engine to Rad	
302	100473	Sight-Temp Glass	
303	100474	Drain Plug/Magenet	
320	3P0116	Bronze Pivot Bearing	

Led Work Lights
5P6815

Call Mil-Stak for Cab parts. 208-452-6045

Air Pressure Guage

Shifter

Display 5P7510

Joystick
4P7600

Park Brake Valve

12 volt power outlet

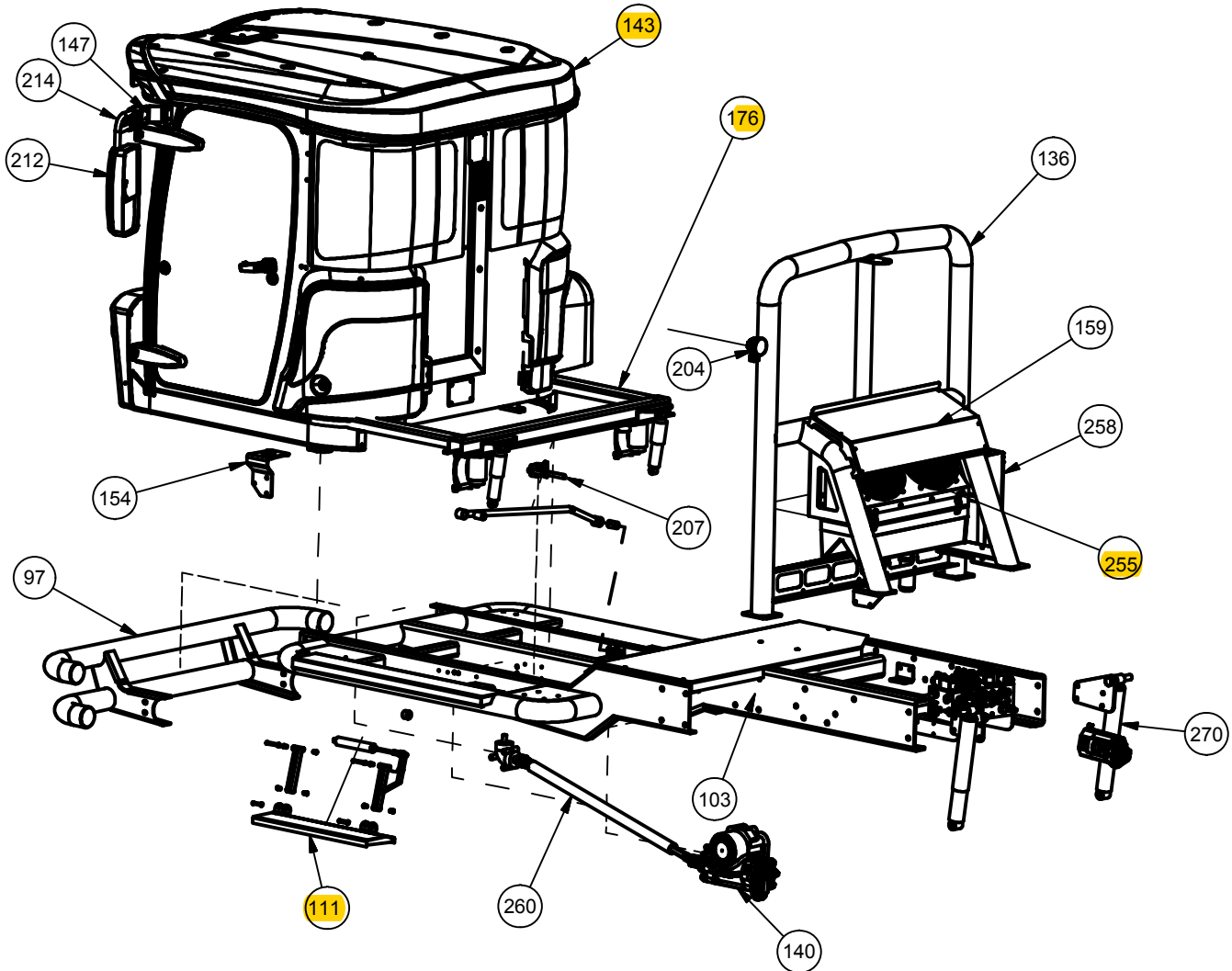
Mil-Stak/Grammar Seat

Windshield Glass
170402

High and Low Beam Headlight

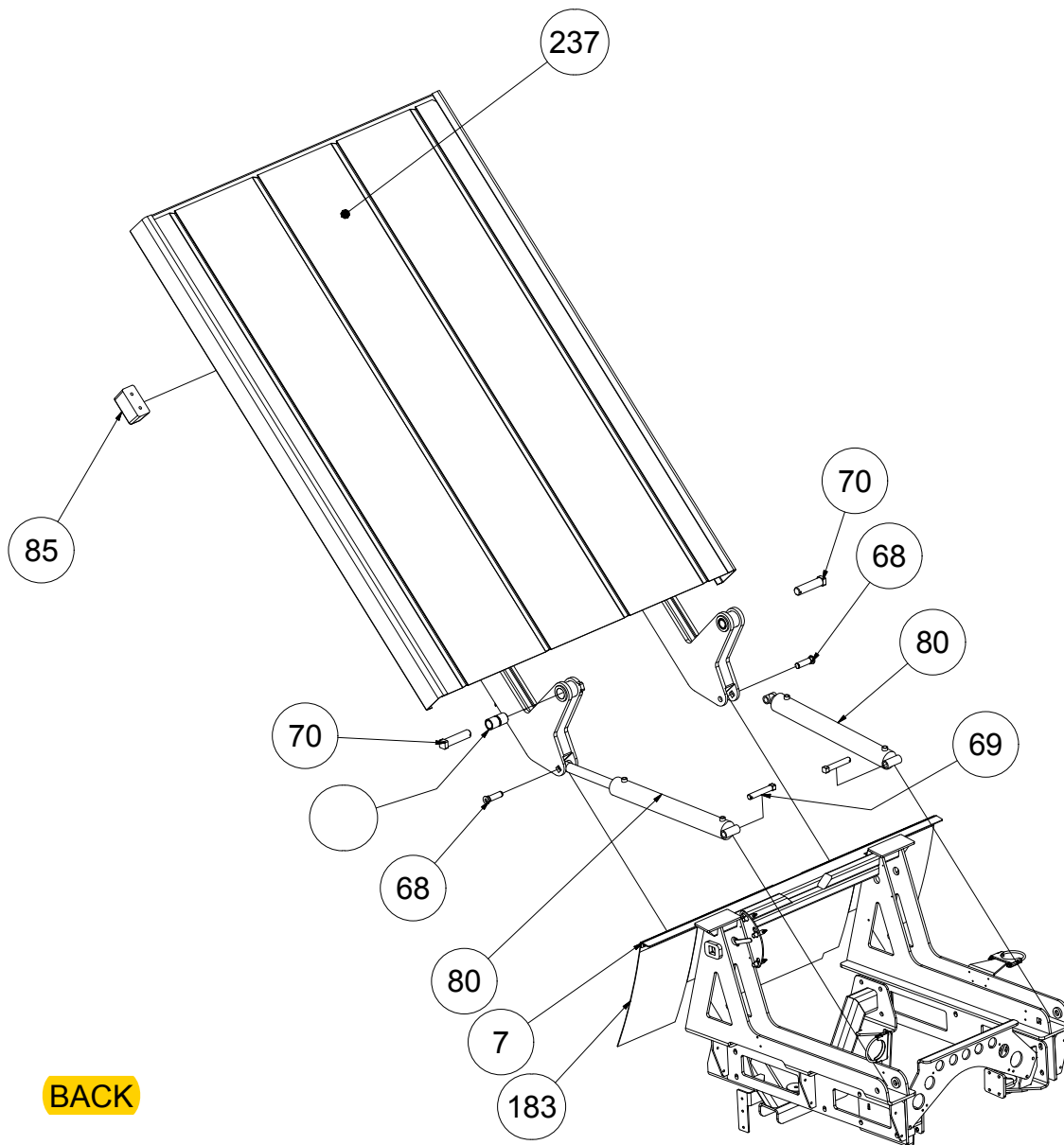
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Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	PAGE
103	1	5A0530	Cab Sub Frame Assy	
136	1	5A1055	Cab Guard	
140	1	5A2100	Power Steering Gear Box	
111	1	5A0595	Step	
104	2	5A0550	Cab Mount Assembly	
176	1	5P1020	Cab Air Ride Frame	
97	1	5A0455	SP Front Bumper	
143	1	5A6100	Crenlo Cab	
154	1	5P0587	Miter Box Steering Mnt	
147	2	5P0470	Mirror adapter	
212	1	5P7152	Exterior Mirror LH, w. signal	
214	1	5P7154	Arm, LH Mirror w. Harness	
207	1	5P7024	Leveling valve	
204	2	5P6816	Work Light, Round 1790 lm	
255	1	AC Condenser with screen		
258	1	Cab relay and fuse Panel Asm		
260	1	steering link driveline		
270	2	6P0520	Shock Absorber,Front	



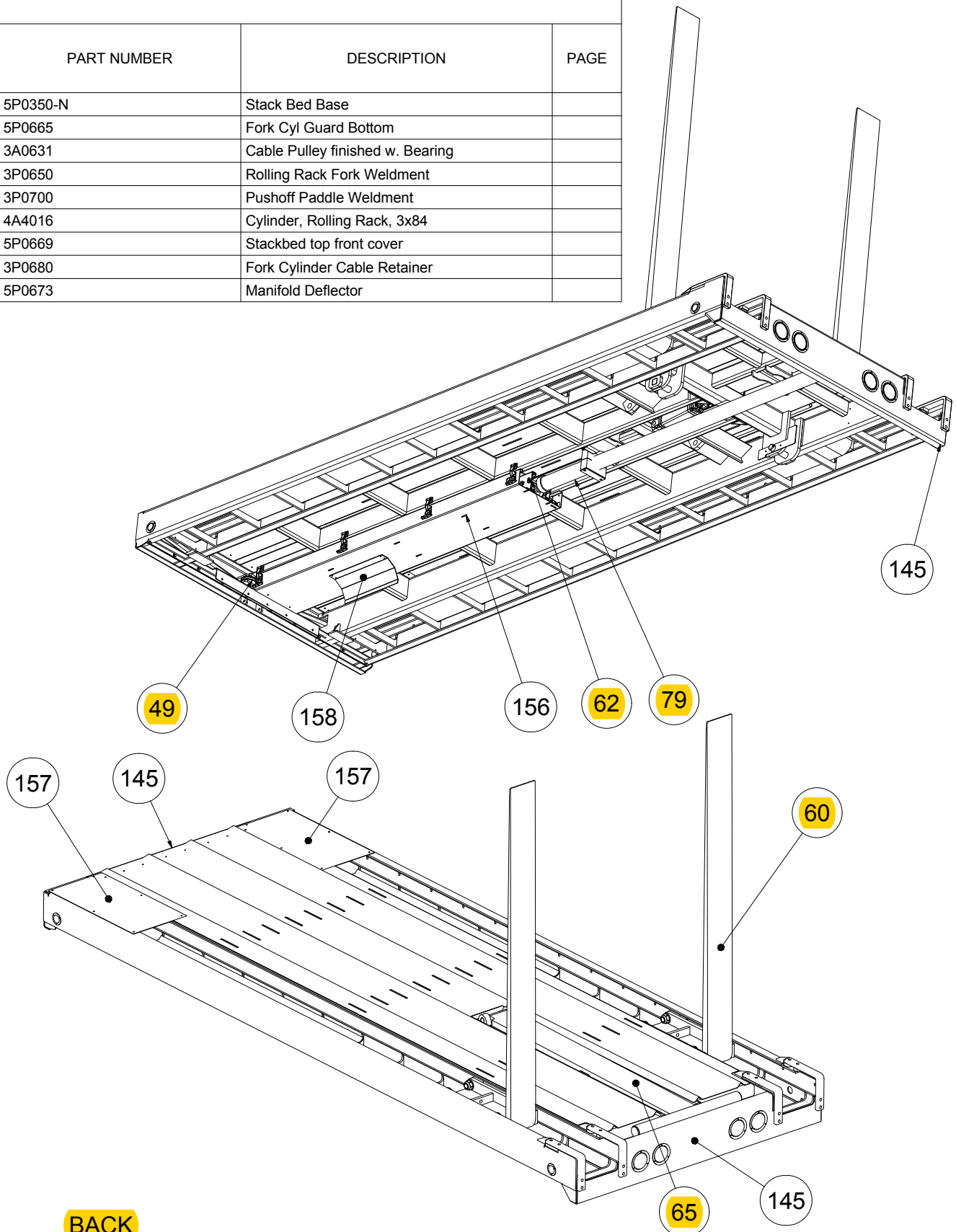
Recieving Table Assembly

ITEM	PART NUMBER	DESCRIPTION	PAGE
7	100090	Stack Bed Deflector Mount	
183	5P1850	Rubber engine shield	
237	5P1250	Receiving Table SP	
68	3P1025	Pin, Lift Table Cyl - Front	
85	4P1000	Rubber Bumper, 3" High, 6" Wide, 3-1/2" Deep	
70	3P1046	Pin, Table/Bed Pivot	
80	4A4030	Hydraulic Cylinder, 3x24	
69	3P1045	Pin, Receiving Table Cylinder Rear	



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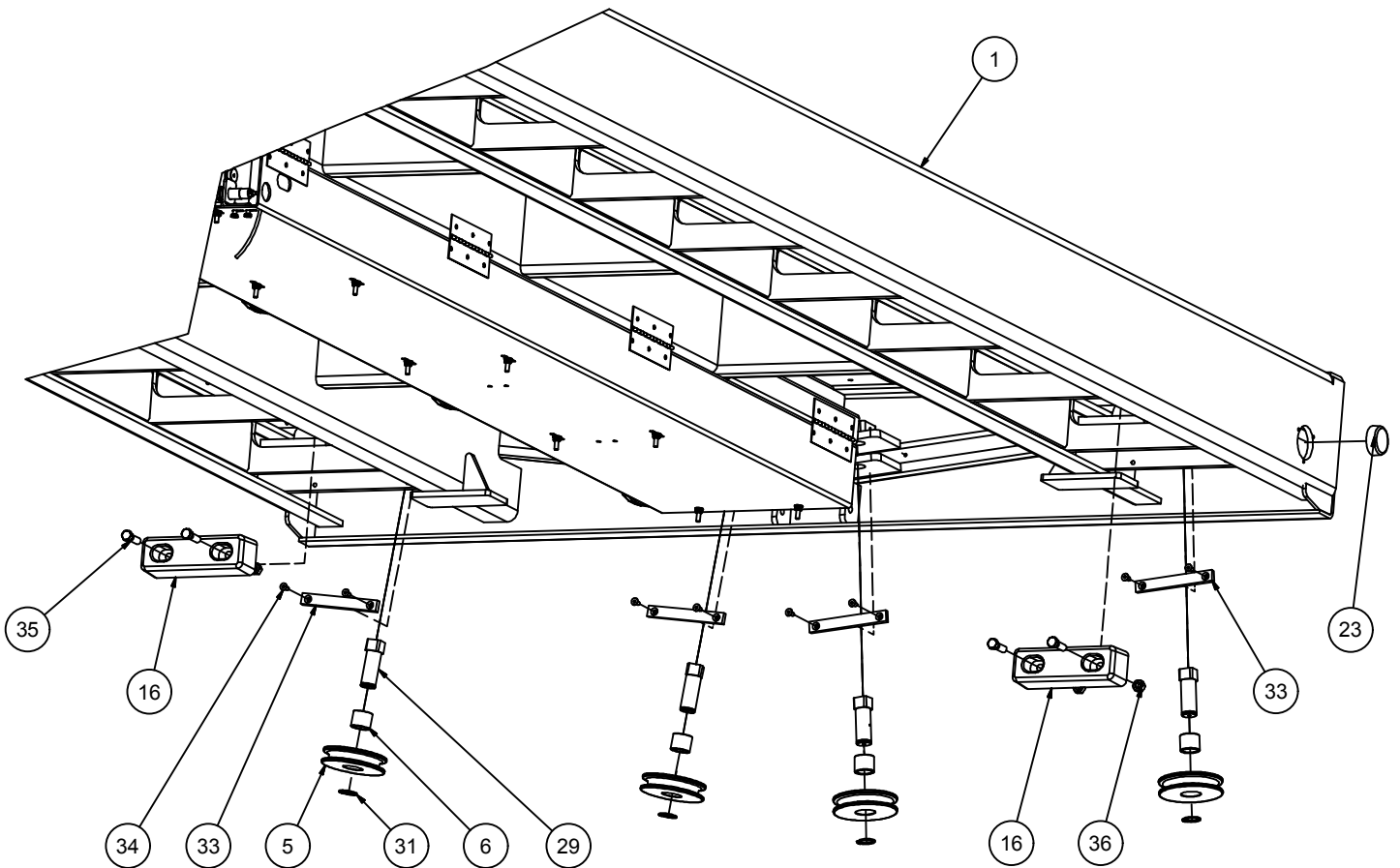
ITEM	PART NUMBER	DESCRIPTION	PAGE
145	5P0350-N	Stack Bed Base	
156	5P0665	Fork Cyl Guard Bottom	
49	3A0631	Cable Pulley finished w. Bearing	
60	3P0650	Rolling Rack Fork Weldment	
65	3P0700	Pushoff Paddle Weldment	
79	4A4016	Cylinder, Rolling Rack, 3x84	
157	5P0669	Stackbed top front cover	
62	3P0680	Fork Cylinder Cable Retainer	
158	5P0673	Manifold Deflector	



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Stack Bed Parts, Front

ITEM	PART NUMBER	DESCRIPTION	PAGE
1	100264	Stack Bed Base	
5	3P0630	Cable Pulley Body, Large	
6	3P0545	Cable Pulley Bearing	
16	4P1005	Rubber Bumper, Rolling Forks, Pushoff	
23	4P7575	Side Marker, Amber	
29	3P0645	Pin, Rolling Rack Pulley	
31	5R1081	Snap ring	
33	3P0685	UHMW Spacer, Rolling Rack Cable	
34	4P5305	Screw, Socket Head, Countersunk .25-20 x .625	
35	3R9081	Hex Bolt 7/16-14x1 1/2 Grade 8	
36	3R9564	Hex Nuts 7/16-14 Grade 8	

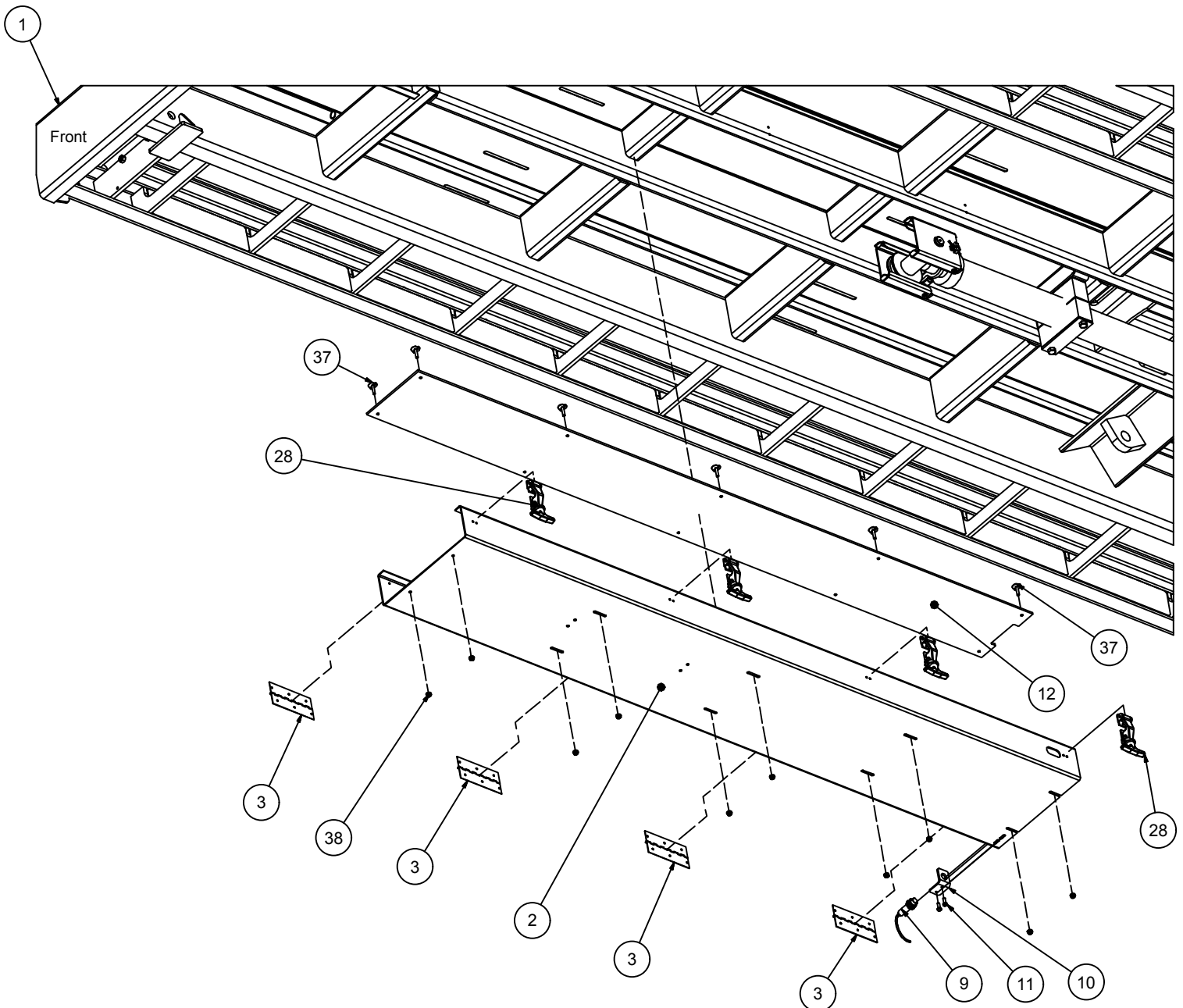


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NEXT

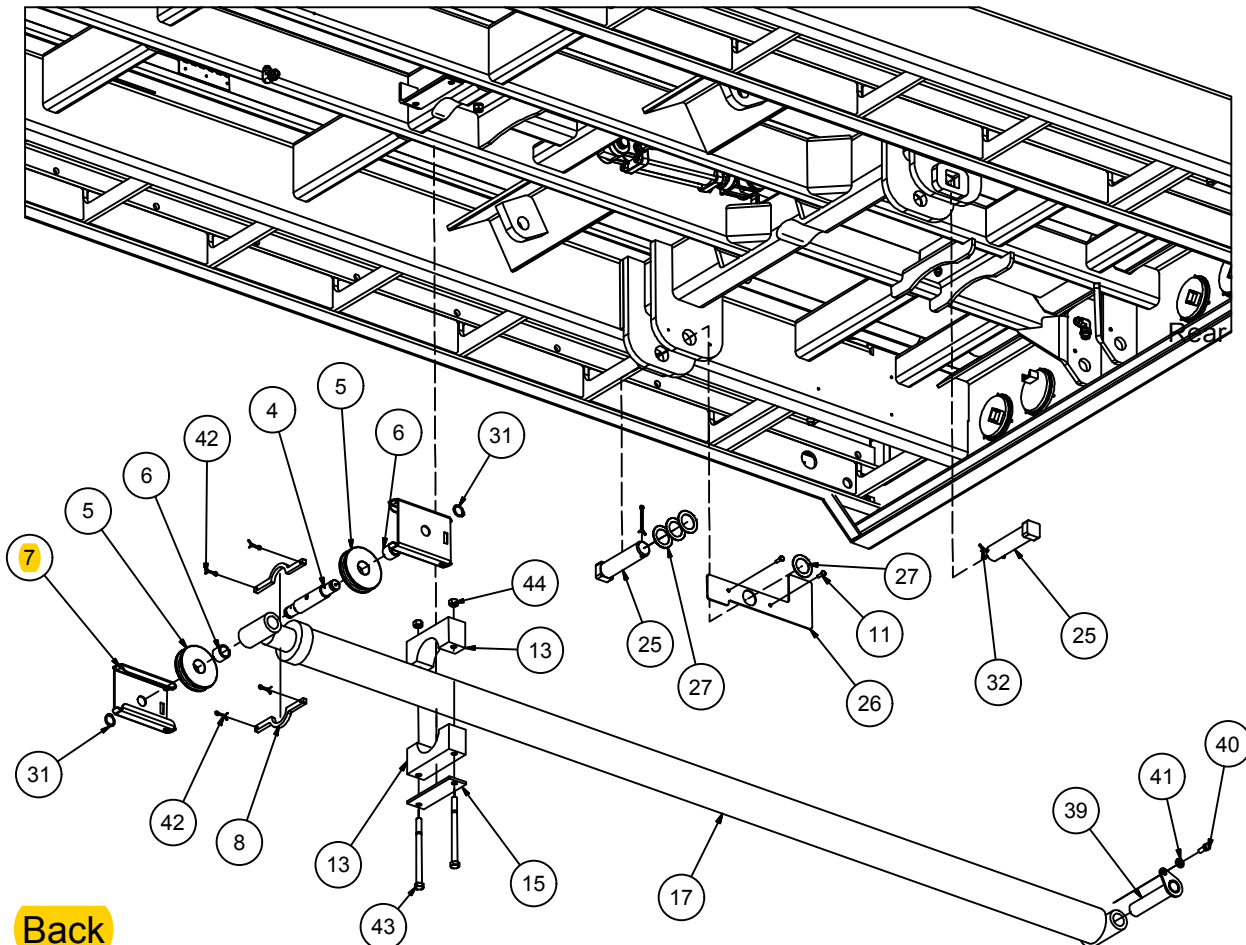
Rolling Rack Cylinder Support

ITEM	PART NUMBER	DESCRIPTION	PAGE
1	100264	Stack Bed Base	
2	5P0665	Fork Cyl Guard Bottom	
3	100166	Hinge, 304 Stainless Steel, 6" High, 3" Wide	
9	4P7501	Prox Sensor, Wired	
10	5P0355	SP Bed Pan Sensor Brkt	
11	4P5095	Hex Bolt, 1/4-20 x 0.75	
12	100214	Fork Cylinder UHMW Wear Strip	
28	4P5347	Rubber Draw Latch	
37	4P5005	Hex Bolt, 1/4-20 x .75, Elevator	



Stack Bed Bottom, Rear

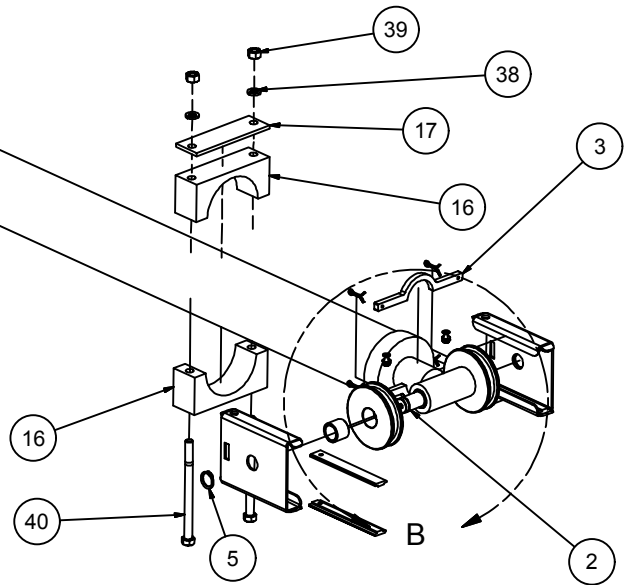
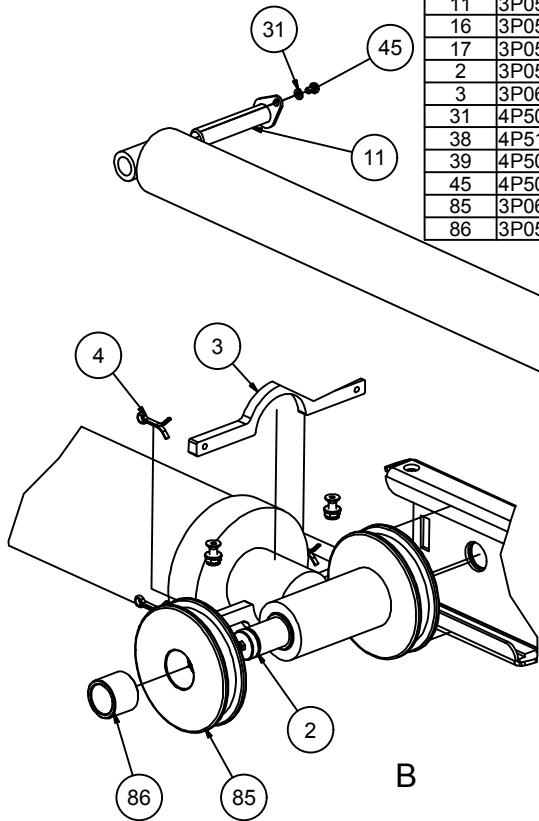
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	100264	Stack Bed Base	
4	3P0555	Pin, Fork Cylinder Front	
5	3P0630	Cable Pulley Body, Large	
6	3P0545	Cable Pulley Bearing	
7	3K0680	Cable Retainer With Wear Strips	
8	3P0675	Fork Cable Retainer Clamp	
11	4P5095	Hex Bolt, 1/4-20 x 0.75	
13	4A0650	Rolling Rack Fork Assembly	
15	3P0539	Fork Cylinder Retainer Bottom Plate	
17	4A4016	Cylinder, Rolling Rack, 3x84	
25	3P0640	Pin, Stack Bed Pivot	
27	4P5350	Shim, 1.5"	
31	5R1081	Snap ring	
32	4P5340	Cotter Pin, .156 x 2.5	
39	3P0565	Pin, Fork Cylinder, Rear	
40	4P5085	Hex Bolt, 3/8-16 x 1	
41	4P5100	Washer, 1/2, Spring Lock	
42	4P5355	Cotter Pin, .156 x .75	
43	4P5080	Hex Bolt, 1/2-13 x 7	
44	4P5090	Hex Nut, 1/2-13	



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ITEM	PART NUMBER	DESCRIPTION	PAGE
1	3A0631	Cable Pulley Assembly	
11	3P0565	Pin, Fork Cylinder, Rear	
16	3P0538	UHMW Fork Cylinder Retainer	
17	3P0539	Fork Cylinder Retainer Bottom Plate	
2	3P0555	Pin, Fork Cylinder Front	
3	3P0675	Fork Cable Retainer Clamp	
31	4P5020	Washer, 3/8, Spring Lock	
38	4P5100	Washer, 1/2, Spring Lock	
39	4P5090	Hex Nut, 1/2-13	
45	4P5060	Hex Bolt, 3/8-16 x .5	
85	3P0630	Cable Pulley Body, Large	
86	3P0545	Cable Pulley Bearing	

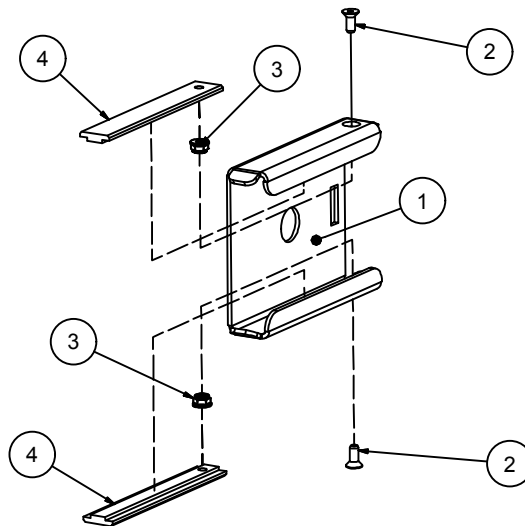
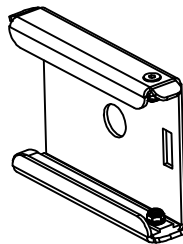
A



B

Rolling Rack Cable Retainer Assembly 3K0680

ITEM	PART NUMBER	DESCRIPTION	PAGE
1	3P0680	Fork Cylinder Cable Retainer	
2	4P5305	Screw, Socket Head, Countersunk .25-20 x .625	
3	4P5015	Hex Nut, 1/4-20, Flanged Nyloc	
4	3P0690	Cable Retainer Wear Strip	



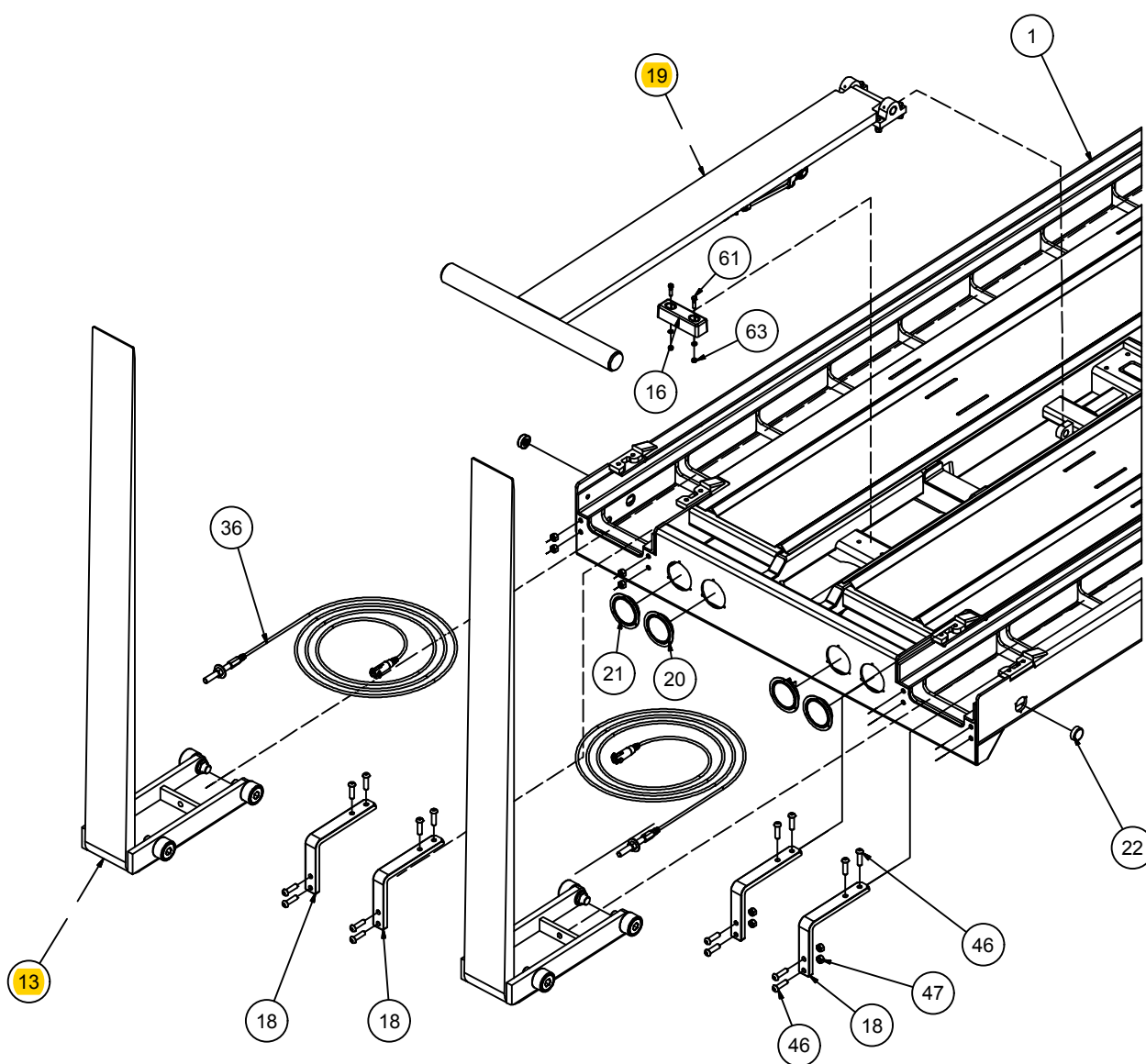
BACK

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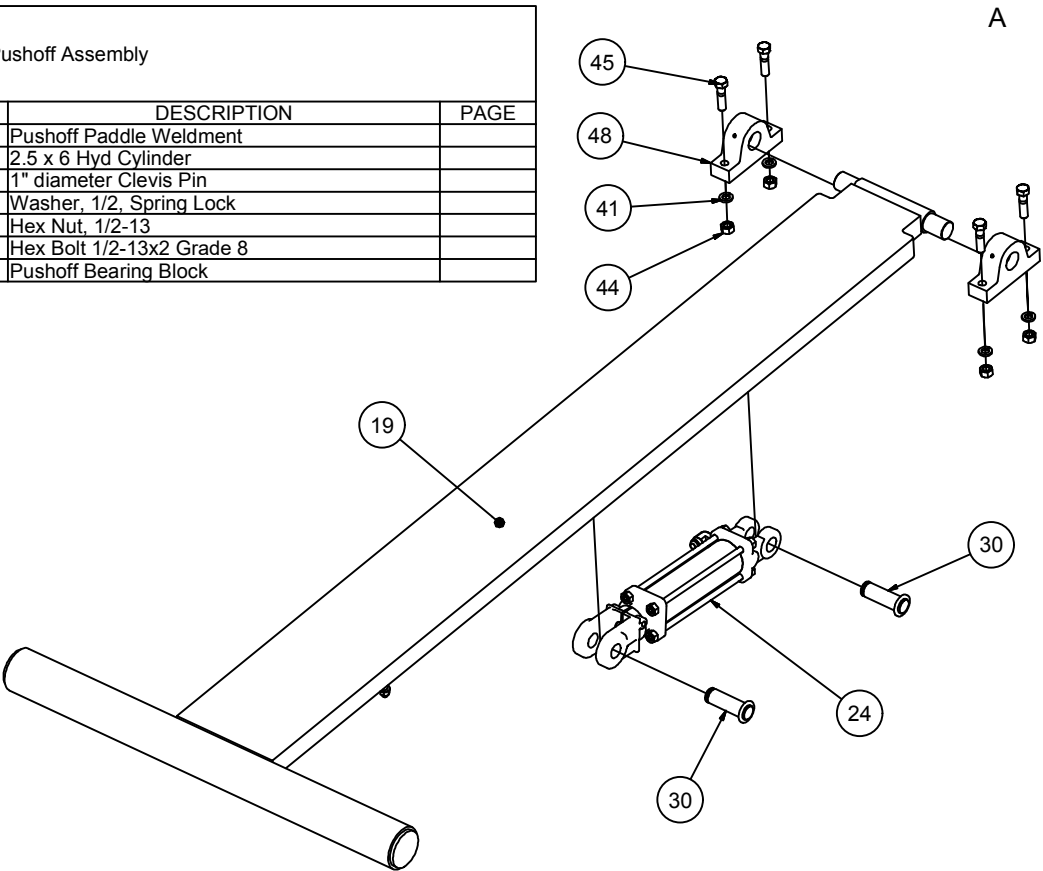
NEXT

Stack Bed Parts, Rear

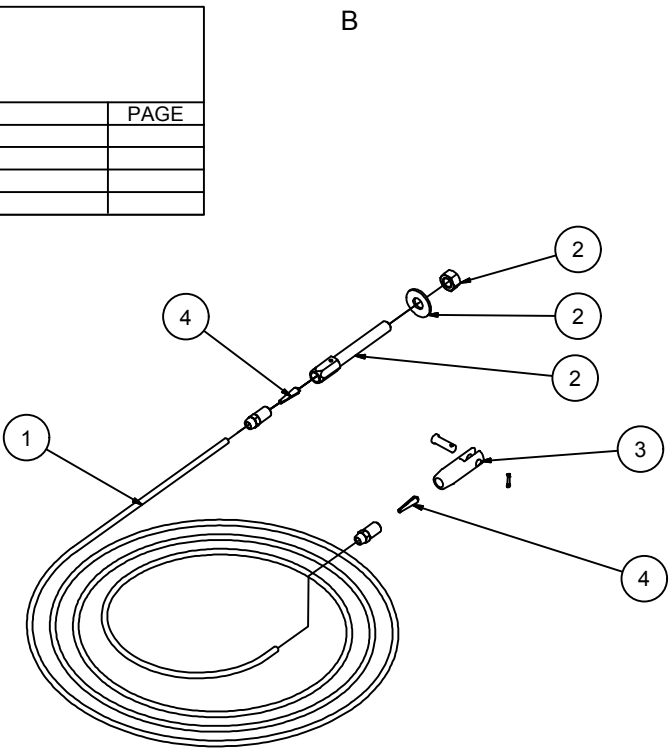
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	100264	Stack Bed Base	
13	4A0650	Rolling Rack Fork Assembly	
16	4P1005	Rubber Bumper, Rolling Forks, Pushoff	
18	3P0507	Stack Fork Roller Guide End Cap	
19	3P0700	Pushoff Paddle Weldment	
22	4P7570	Side Marker, Red	
36	3A5010	Cable Assembly, Rolling Rack	
46	4P5050	Hexagon Socket Button Head Cap Screw	
47	4P5110	Hex Nut, 5/8-11	
61	3R9056	Hex Bolt, 3/8-16x1 1/2 Grade 8	
63	3R9563	Nut, 3/8-16	



Pushoff Assembly			
ITEM	PART NUMBER	DESCRIPTION	PAGE
19	3P0700	Pushoff Paddle Weldment	
24	4A4037	2.5 x 6 Hyd Cylinder	
30	2P5100	1" diameter Clevis Pin	
41	4P5100	Washer, 1/2, Spring Lock	
44	4P5090	Hex Nut, 1/2-13	
45	3R9108	Hex Bolt 1/2-13x2 Grade 8	
48	3P0709	Pushoff Bearing Block	



Rolling Rack Cable Assembly 5A8020			
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	3P5010	Cable	
2	3P5020	Fork Cable Bolt	
3	3P5015	Fork Cable Clevis Assembly	
4	3P5025	Plug	

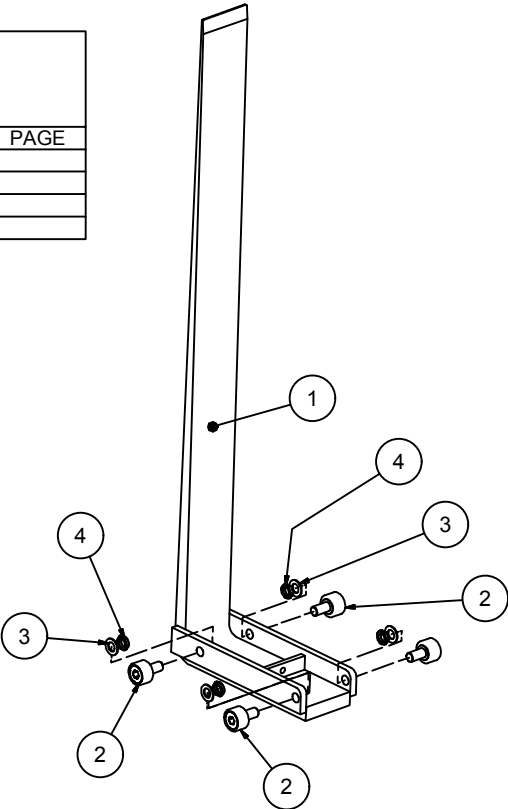


Back

A

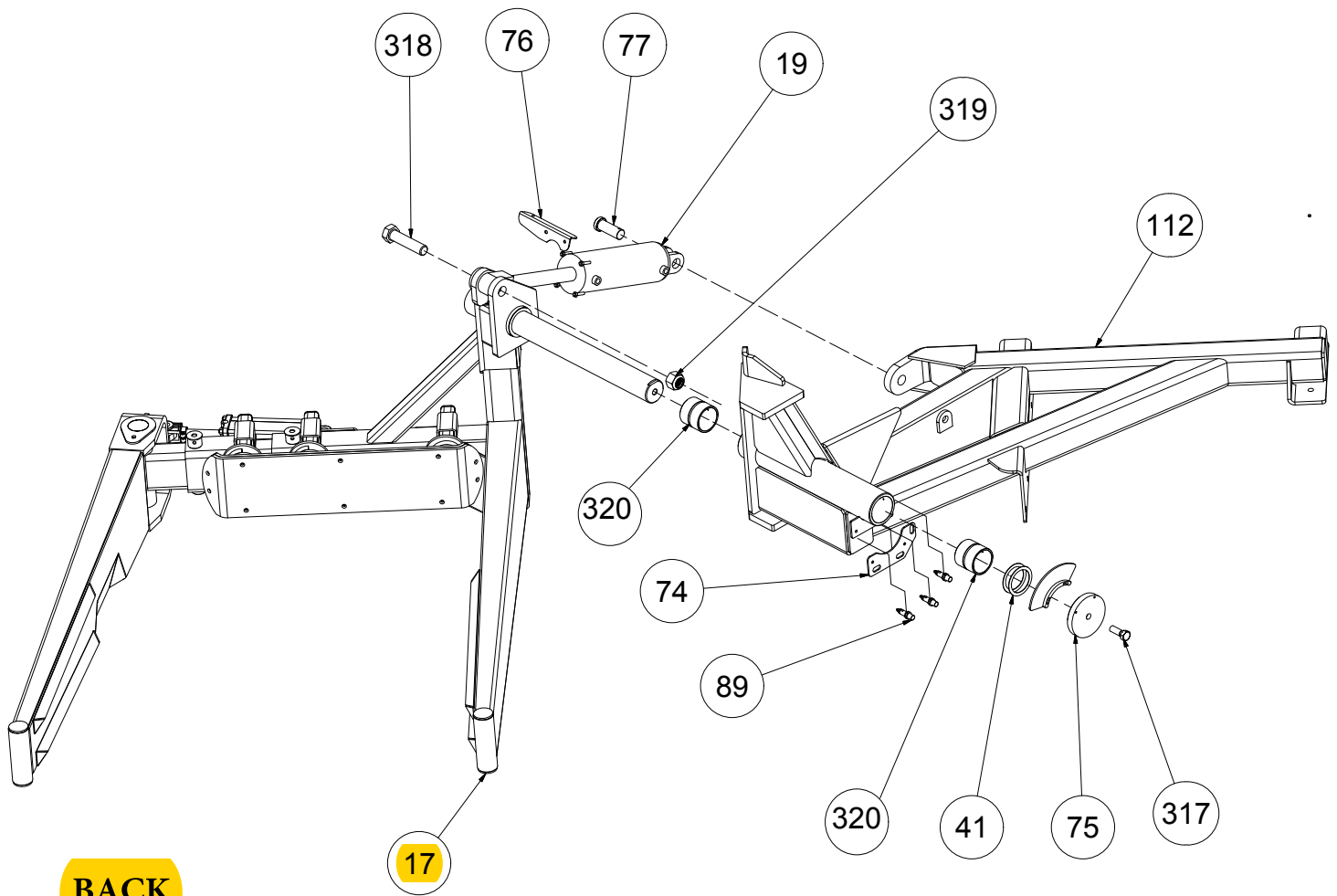
B

ITEM	PART NUMBER	DESCRIPTION	PAGE
1	3P0650	Rolling Rack Fork Weldment	
2	4P0560	Rolling Rack Roller	
3	4P0570	Washer, Rolling Rack Roller	
4	4P0576	Nyloc-Nut, Rolling Rack Roller	



BACK

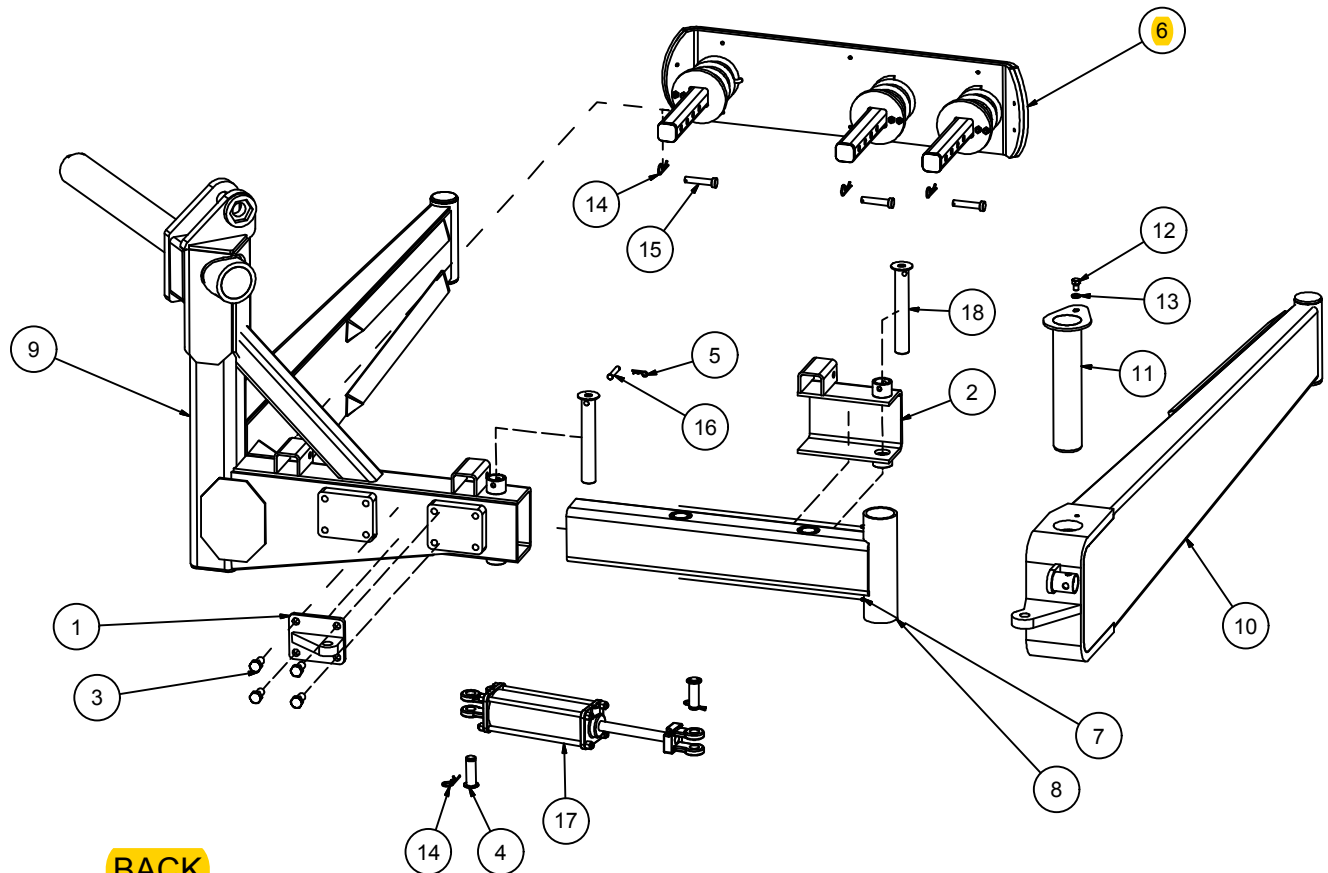
ITEM	PART NUMBER	DESCRIPTION	PAGE
112	5A0610	SP CPF Mounting Bar	
89	4P7501	Proximity Sensor	
74	3P1521	Sensor Bracket for CPF	
17	100201	Left Arm Weldment, PT/SP	
41	1P0150	Shim, .0625, Pivot Shaft	
75	3P2102	Shaft Cap, Keyed	
19	100253	Hydraulic Cylinder 5x12 Pin Eye, Welded	
76	3P2105	Bracket, Hose Mount Loader Cyl	
77	3P5260	Pin, Lift Cyl Base	
317	2P5475	Hex Bolt, 7/8-14 x 2.5, Grade 8	
318	4P5375	Hex Bolt 1.5-6x7 Grade 8	
319	4P5380	Hex Nut, 1.5-6	
320	3P0116	Bronze Bearing	



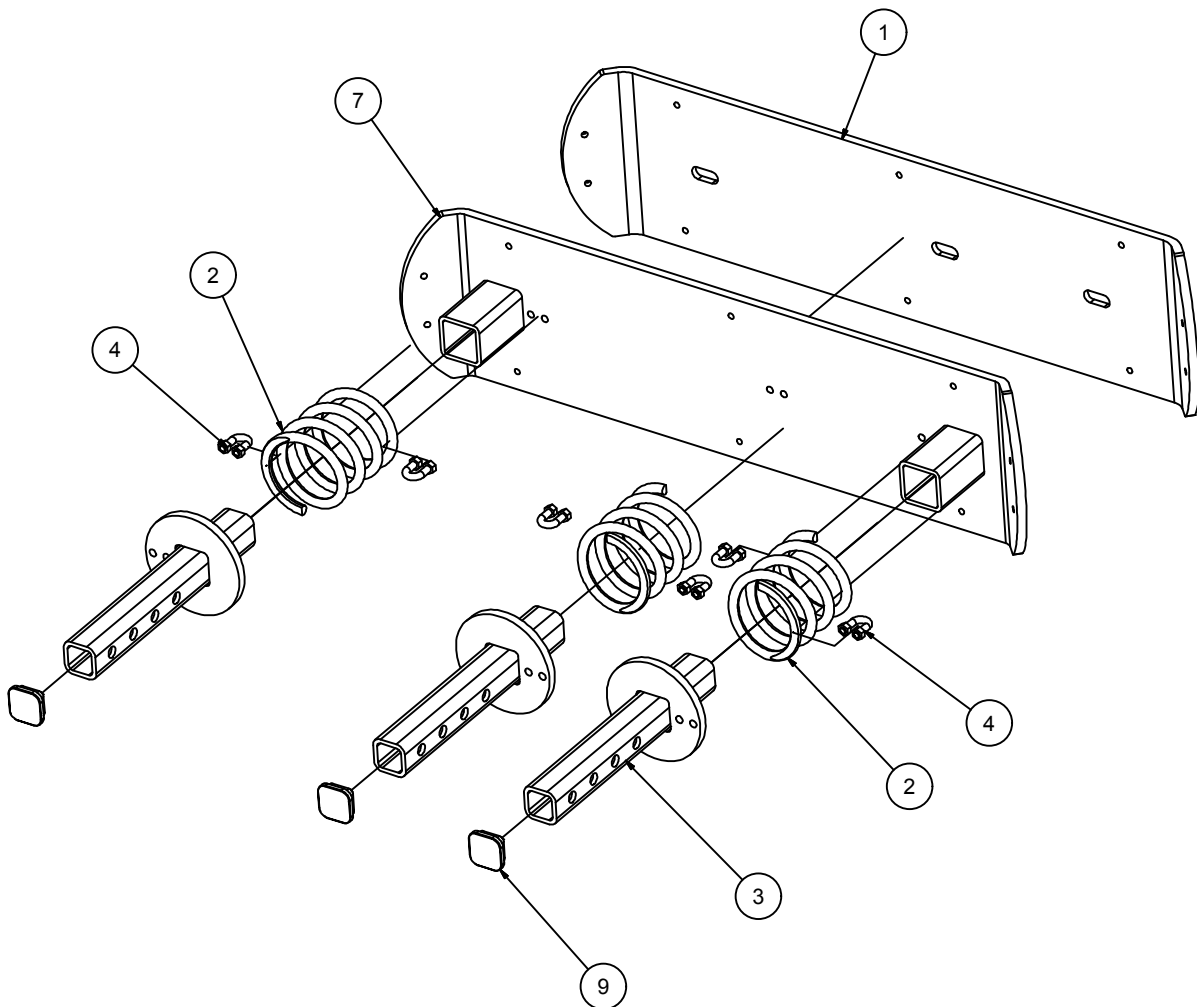
BACK

SP 1032 Bale Clamp

ITEM	PART NUMBER	DESCRIPTION	PAGE
1	1P0620	Mount, Clamping Cylinder Rear	
2	1P2200	Bumper Adapter "C" Bracket	
3	4P5385	Bolt, 3/4-10 x 1.5	
4	2P5100	1" diameter Clevis Pin	
5	4P5390	Hairpin Cotter Pin	
6	1A2010	Cushion Bumper Assembly, Large	
7	4P5165	Grease Zerk, 1/4-28, Straight	
8	1P0650	Clamping Arm Extension Tube	
9	3P0751	Left Arm, PT/2012	
10	3P0752	Right Arm Weldment	
11	1P1510	Pivot Pin, Right Arm	
12	4P5135	Bolt, 1/2-13 x .75	
13	4P5100	Washer, 1/2, Spring Lock	
14	4P5170	Hairpin, Size 9	
15	2P6116	Adjusting Pin, Bale Cushion	
16	4P5175	Clevis Pin, 7/16 x 2.5	
17	2A4100	Hydraulic Cylinder, 3.5 x 8	
18	1P1550	Pin, Extension Tube Position	

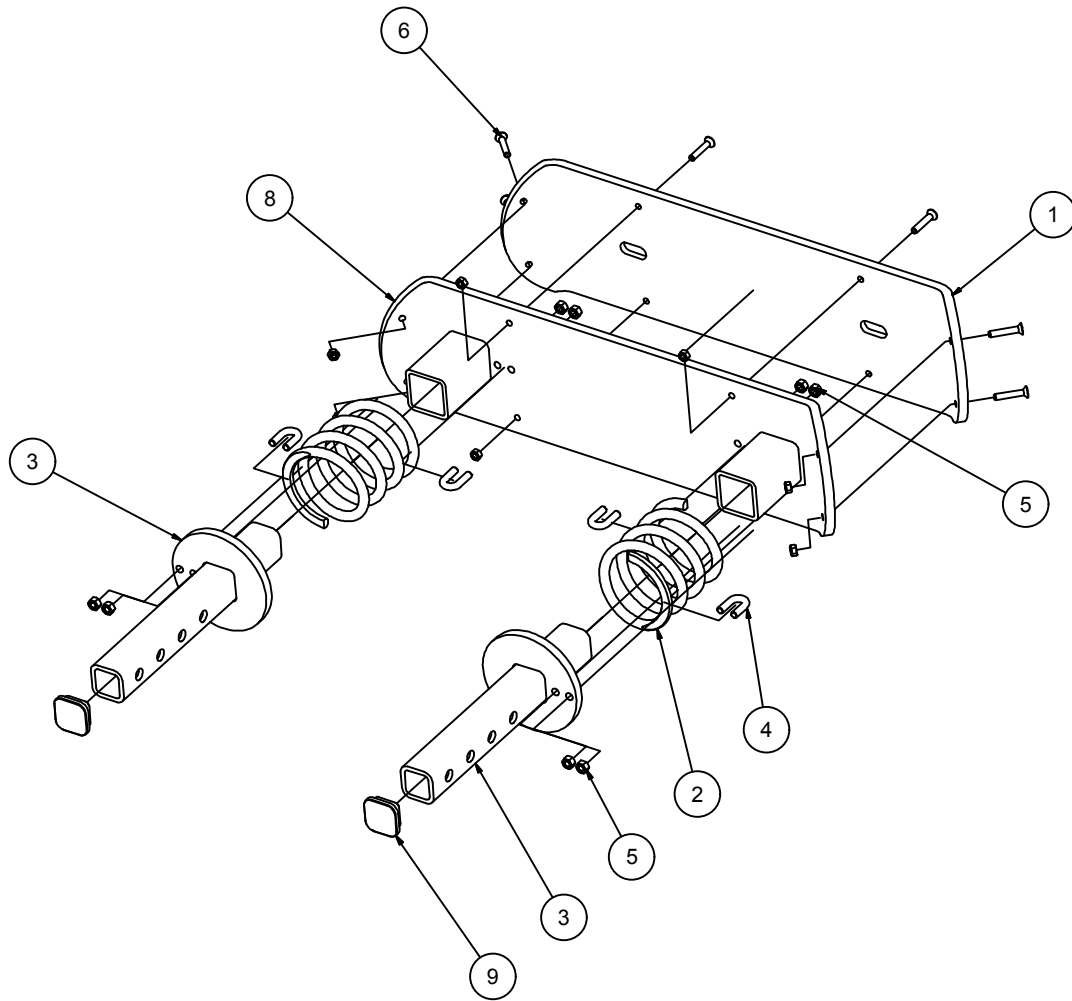


ITEM	PART NUMBER	DESCRIPTION	PAGE
1	1P2120	Cover, UHMW, Bumper Shoe, Large	
2	2P2115	Spring, Cushion Bumper	
3	1P2125	Cushion Bumper Tube Weldment	
4	1P2114	U-Bolt, 3/8-16	
7	1P2050	Cushion Bumper Shoe, Large	
9	1P2126	Cap, Cushion Bumper Tube	



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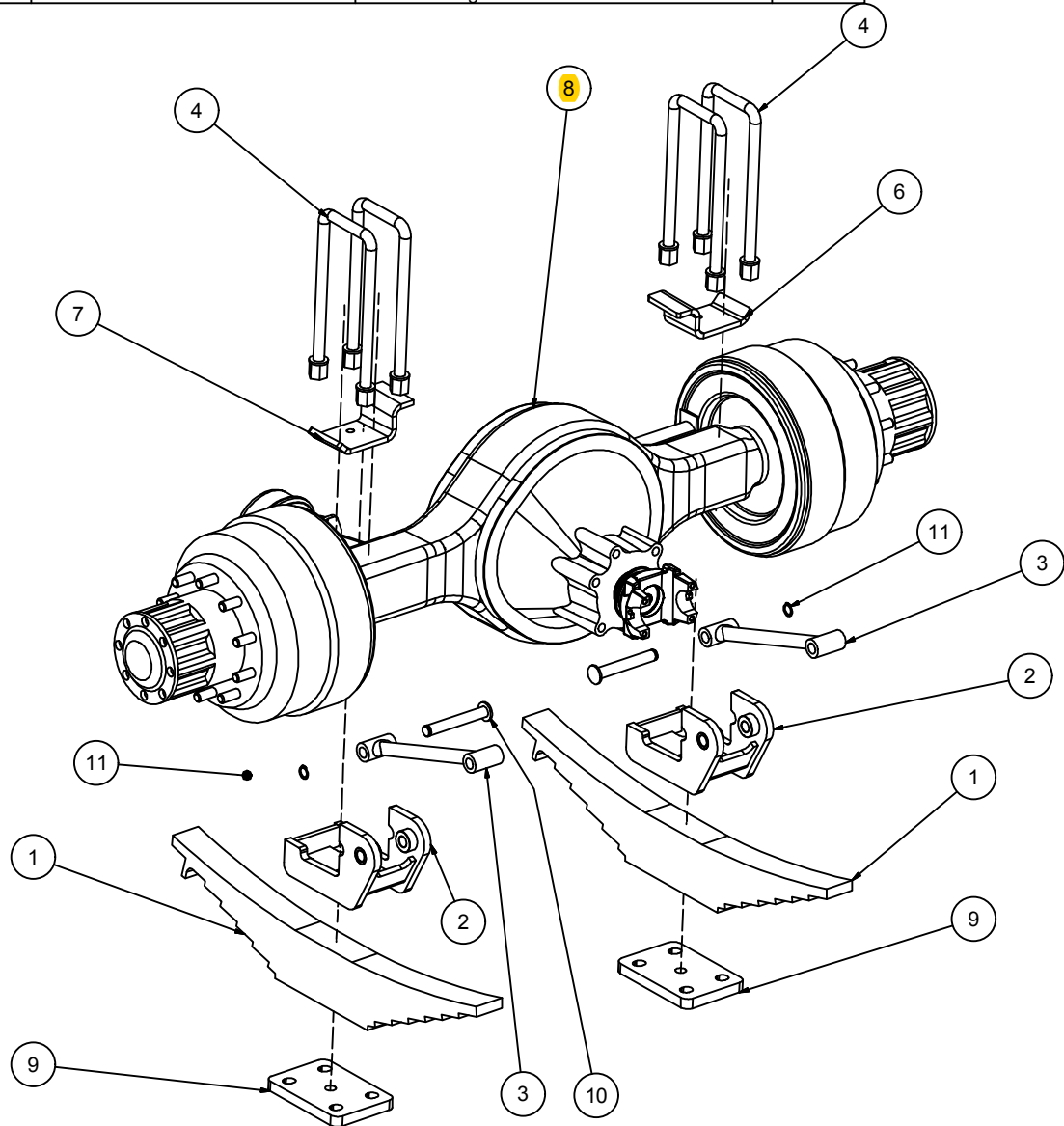
Cushion Bumper,Small			
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	1P2085	Cushion Bumper Shoe Cover, 3x3	
2	2P2115	Cushion Bumper Spring	
3	1P2125	Tube & Spring Retainer	
4	1P2114	U-Bolt, 3/8-16	
5	3R9563	Hex Nut, 3/8-16	
6	2P5145	Screw, 5/16-18 X 1.75, Countersunk Socket Head Cap	
7	4P5130	Hex Nut, 5/16-18	
8	1P2080	3 x 3 Cushion Bumper Assembly	
9	1P2126	Cap, Cushion Bumper Tube	



Drive Axle Suspension

For SP 3150 with Serial number SP14000
thru 5P17002

ITEM	PART NUMBER	DESCRIPTION	PAGE
1	6A0515	Leaf-spring Rear , 24-166	
2	5A0475	Axle Box	
3	6P0525	Torque link	
4	6P0508	U Bolt, 1" , 5.375 , Washer and Nut	
	U-Bolt Nut Provided w/ U-Bolts	Hex Nut	
6	5P0998	Axle Stop, Left	
7	5P0997	Axle Stop, Right	
8	100068	Dana Drive Axle	
9	100315	Bolt Plate, Bottom, 1" U-Bolt	
10	100009	Torque link pin, Rear	
11	5R1081	Retainer Ring	



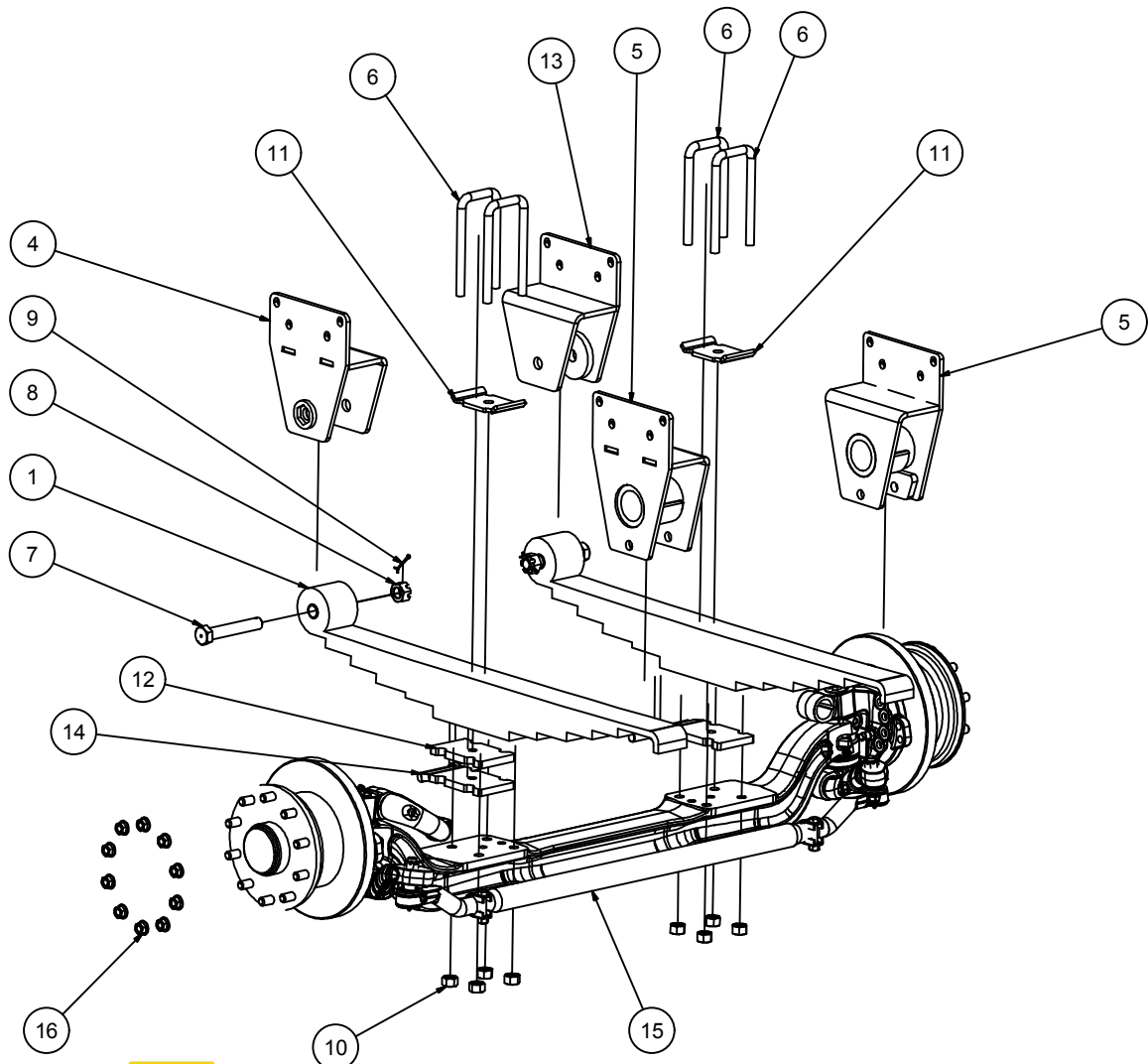
serial # SP 17002 thru current see 44.

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Front Axle Suspension

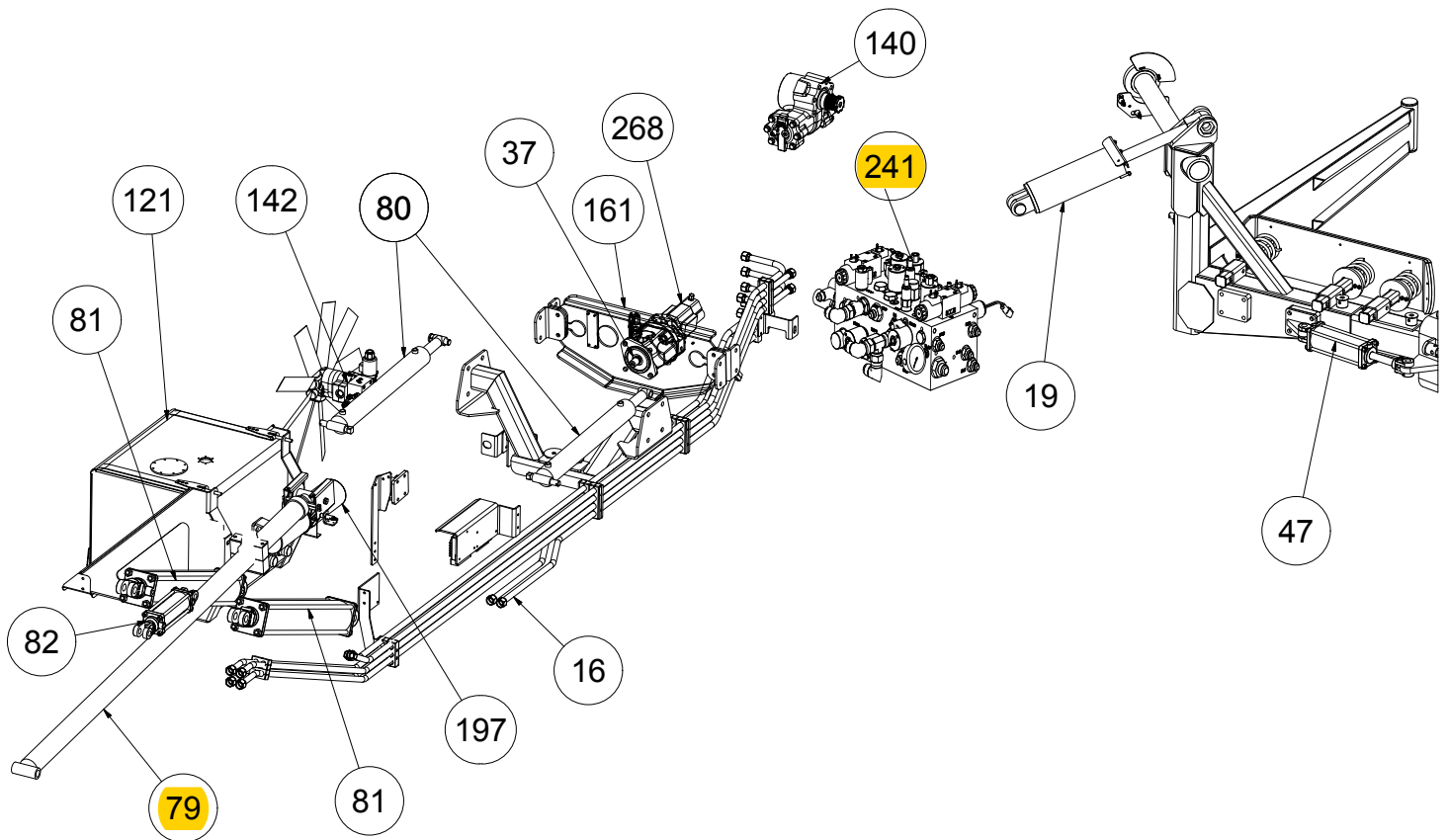
Serial Number SP14002 Thru SP16006 uses this spring assembly. Later models use Mil-Stak Parasteer part
100337 SP1607 to Current

Steering Axle Assembly			
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	5A0510	Front Axle Leaf Spring	
2	6A0400	Alum. Wheel & Tire RLB900+445/65R22.5	
3	5A0126	Shock Mount, Front Lower Right	
4	5A0800	Front Spring Hanger Asm	
5	5A0801	Fr Axle Rear Spring hanger assy	
6	6P0505	U bolt 5 DANA	
7	5P0888	Hex Bolt, 1.25-7 x 9	
8	3R9751	Hex Nuts Slotted	
9	4P5340	Cotter Pin, .156 x 2.5	
10	U-Bolt Nut Provided w/U-Bolts		Hex Nuts (Inch Series) Heavy Hex Nut
11	5P0885	Axle top spring Plate	
12	5P0889	Front Spring Spacer	
13	5A0802	Front Spring Hanger Asm	
14	5A0125	Shock Mount, Front Lower Left	
15	100363	Dana Steering Axle	
16	4P5235	Lug Nut	



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Hydraulics			
ITEM	PART NUMBER	DESCRIPTION	PAGE
161	5P0814	Hydraulic pump mount channel	
140	5A2100	Power Steering Gear Box	
142	5A3150	Hydraulic Fan Motor/Valve	
197	5P3126	Hyd Oil Filter	
79	4A4016	Cylinder, Rolling Rack, 3x84	
16	100188	S.S. Hyd Line Pack, 1"	
47	2A4100	3.5" X 8" Hydraulic Cylinder w. Clevis Pins	
82	4A4065	3" X 6" Hydraulic Cylinder w. Clevis Pins	
19	100253	Hydraulic Cylinder 5x12 Pin Eye, Welded	
81	4A4060	5" X 30" Hydraulic Cylinder w. Clevis Pins	
80	4A4030	Hydraulic Cylinder, 3x24	
37	100380	Hydraulic Piston Pump	
121	5A0825	SP Hydraulic Tank	
241	5A3105	Hydraforce	
268	SP25P63-H1L	Cooling Fan motor/reversing valve	

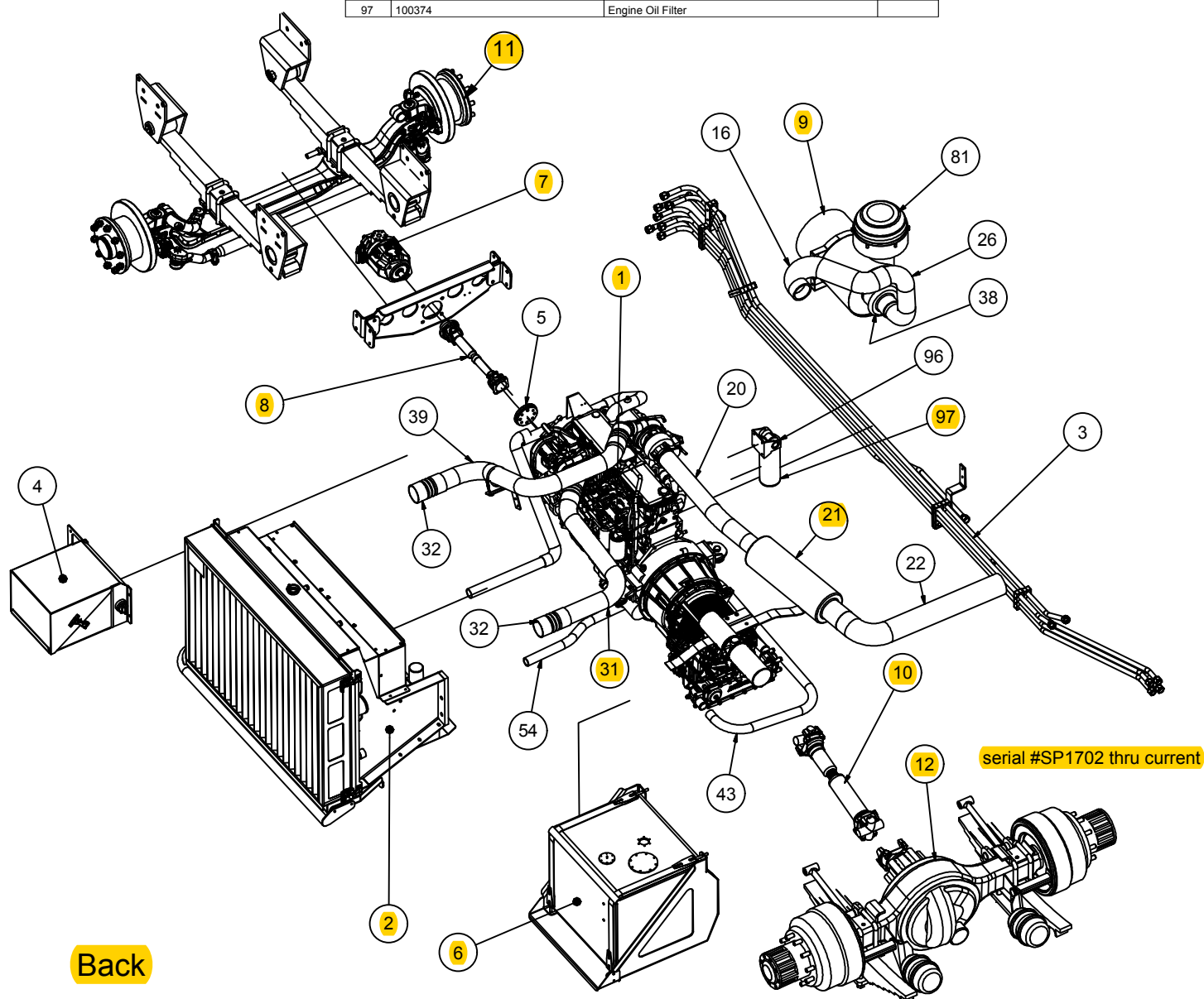


BACK

Power Train

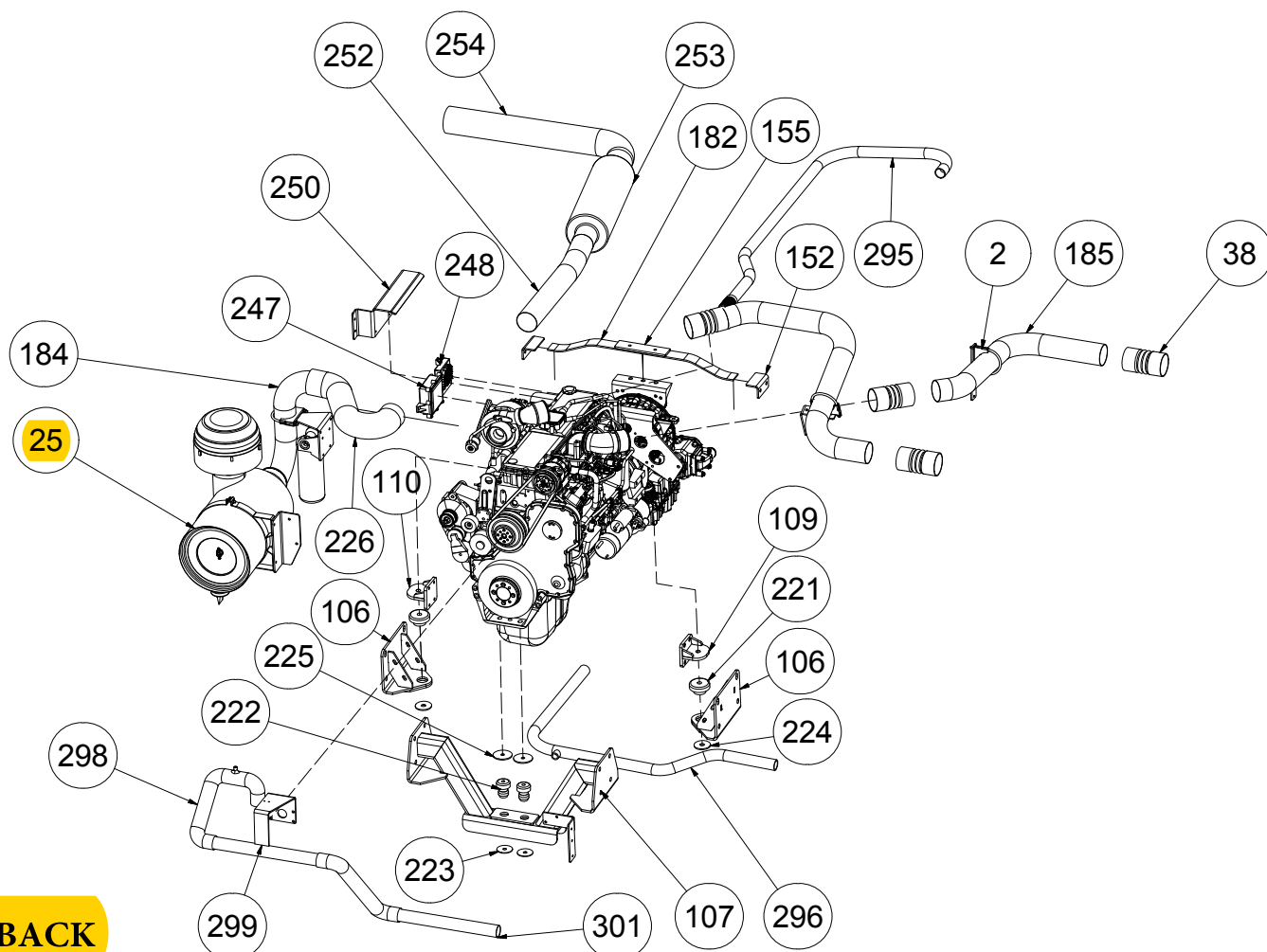
Serial Number SP14002 Thru
SP16006.

16	5P7611	Air Filter to Turbo
20	4 in flex exhaust	
21	5P-12774	Muffler, Stainless
22	exhaust tail pipe	
1	Motor Tran Assy	Cummins, Allison
26	5P1900	Tube, Cold Air to Turbo
2	5A0900	Cooling Pack with mounts
31	5P1901	Tube, CAC to Turbo
32	100381	Silicon Hump Hose
3	5A4100	1in Hyd line Stacked Asm
4	5A0850	Battery Box
5	5P0975	Crank to pump adapter plate
39	5P1902	Tube, Turbo to CAC
6	5A1600	hyd tank with formed mounts
43	5P1975	Coolant Tube, Transmission to Engine
7	100063	Hydraulic Pump Pack
8	5A0990	Driveline, PTO
54	5P1976	Coolant Tube, Radiator to Transmission
9	ah19259	Engine Air Filter housing
81	ap08410	
10	5A0980	Drive line Asm, Main
11	Front Axle and springs	Front Axle and springs Asm
12	Drive Axle and Springs Assembly	Dana Drive Axle and Springs Asm
96	100373	Housing, Engine Remote Oil Filter
97	100374	Engine Oil Filter



Back

ITEM	PART NUMBER	DESCRIPTION	PAGE
107	5A0573	Front Engine Mount x member	
106	5A0570	Rear Engine Support	
152	5P0563	Bracket, Transmission Support	
155	5P0595	Tramsmission Spring Cap Plate	
182	5P1820	Transmission Support Spring	
109	5A0585	Rear Engine Mnt Left	
110	5A0586	Rear Engine Mnt Right	
221	5P7601	Vibration Isolator, Rear	
224	5P7604	Motor Mnt Washer, Rear	
222	5P7602	Vibration Isolator, Front	
223	5P7603	Washer, Motor Mount	
225	5P7605	Washer, Motor Mount	
185	5P1901	Tube, CAC to Turbo	
2	100065	CAC Mnt, Rear	
184	5P1900	Tube, Cold Air to Turbo	
226	5P7611	Air Filter to Turbo	
25	100367	Engine Air Filter Housing	
38	100381	Silicon Hump Hose	
247	5P7652	VIM	
248	5P7651	Transmission Control Module	
250	5P0927	Bracket, VIM-TCM	
252	4 in flex exhaust		
253	5P-12774	Muffler,Stainless	
254	exhaust tail pipe		
295	5P1975	Coolant Tube, Transmission to Engine	
296	5P1976	Coolant Tube, Radiator to Transmission	
298	6P2200	Coolant Hose, Engine Out	
299	5A0910	Coolant Cross Tube, Front	
301	5P1981	Coolant Tube, Engine to Rad	

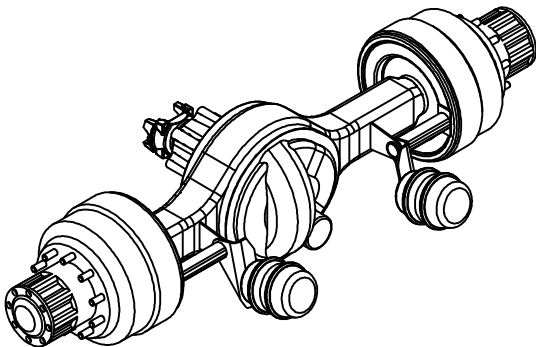


BACK

Drive and Steering Axles

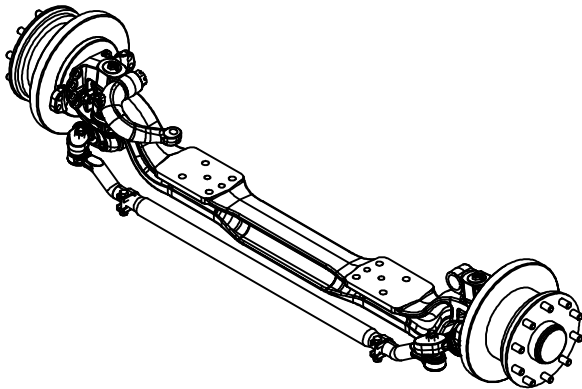
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	100068	Dana Drive Axle S30-190	

Dana BOM 7063282
Pages 48-49



ITEM	PART NUMBER	DESCRIPTION	PAGE
1	100363	Dana Steering Axle	

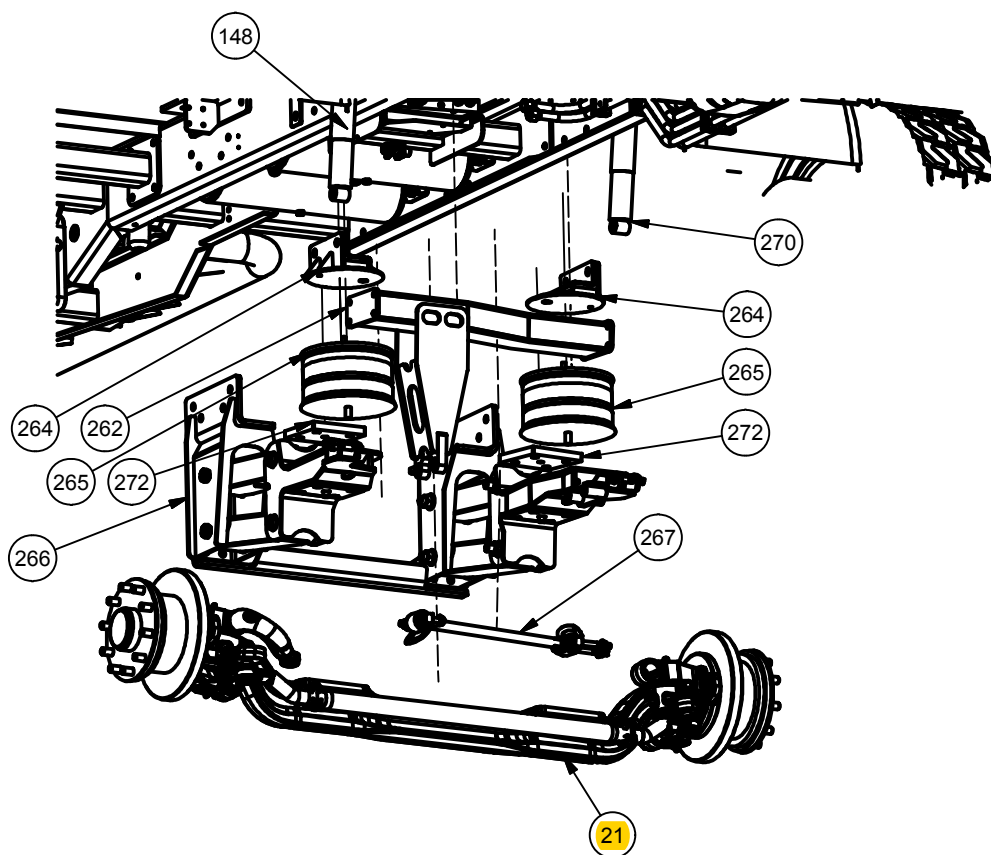
Brake Service ADB22-SD-7541



Back

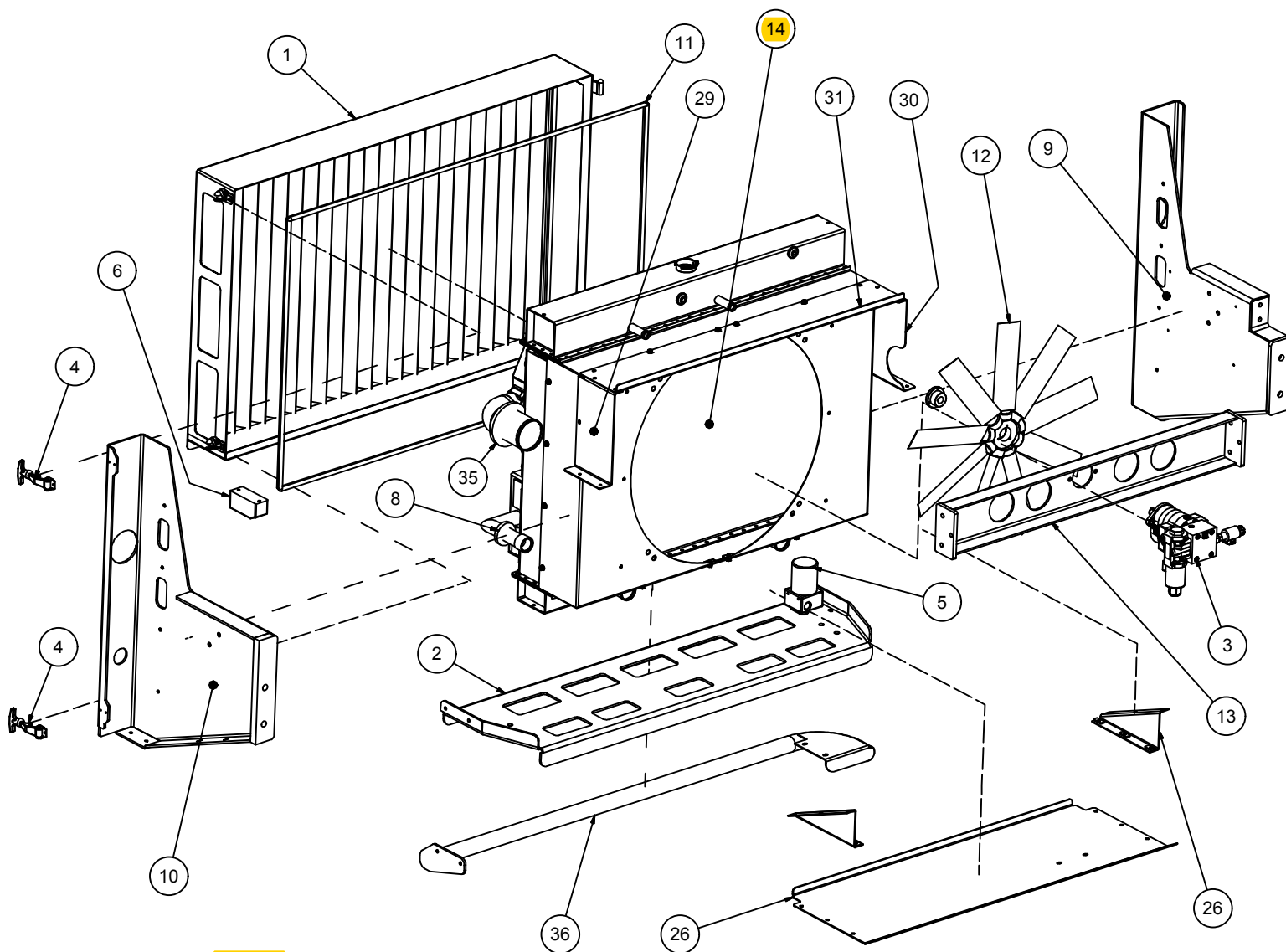
Parasteer Front Suspension used starting with serial number SP16006

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
21	1	100363	Dana Steering Axle
262	1	100225	Cross member , Sway Bar
264	2	100320	Mount asm ,Top, Airbag SP
265	2	100338	Air Bag ,Spring
266	1	100337	Parasteer,Milstak SP
267	1	100339	Tee Bone Assembly,Parasteer
270	2	6P0520	Shock Absorber,Front
272	2	100417	Spacer,Parasteer



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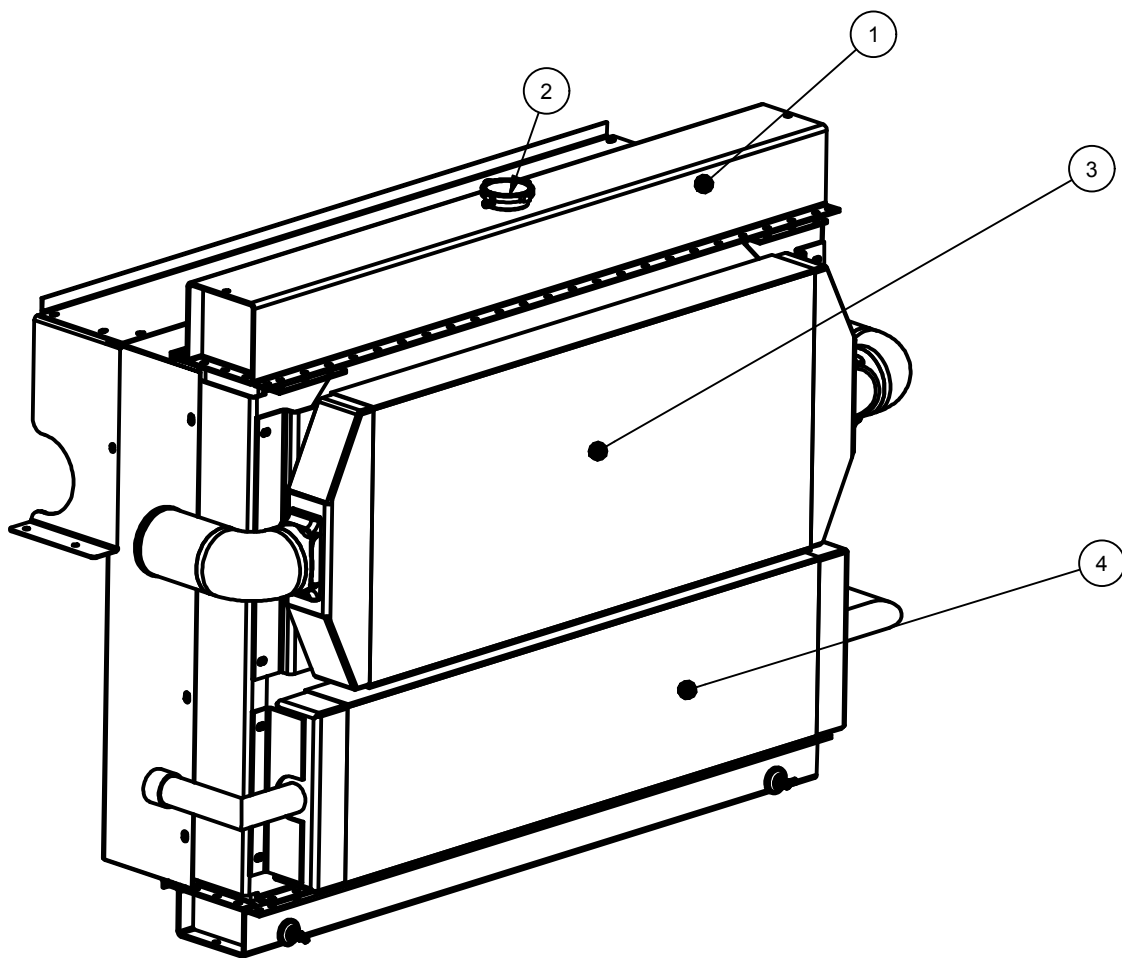
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	5A0578	Radiator Screen	
2	5P0820	Radiator Bottom Guard	
3	5A3150	Hydraulic Fan Motor/Valve	
4	1685A260	Rubber Hood latch	
5	5P7630	Meziere Water Pump	
6	5P0855	Radiator Screen Support Block	
7	5P1920-0	CAC MOUNT SEAL	
8	5P1921-0	OIL COOLER MOUNT SEAL	
9	5A0856	Cooling Pack Mount, Front	
10	5A0857	Coolng Pack Mount, Rear	
11	5P0579	Radiator Screen House Seal	
12	5A7625	Fan and Hub ASSY	
13	5A0897	Fan Motor Mount Weldment	
14	5A0305	Radiator,CAC,Oil Cooler Asm	
26	5P0861	Deflector Bottom Cover	
29	5P0866-3	Deflector Top Cover Rear	
30	5P0867-2	Deflector Top Cover Front	
31	5P0868-0	Deflector Top Cover	
35	5P1920-1	CAC MOUNT SEAL	
36	5P2010	Radiator Guard	



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Engine and Oil Cooling

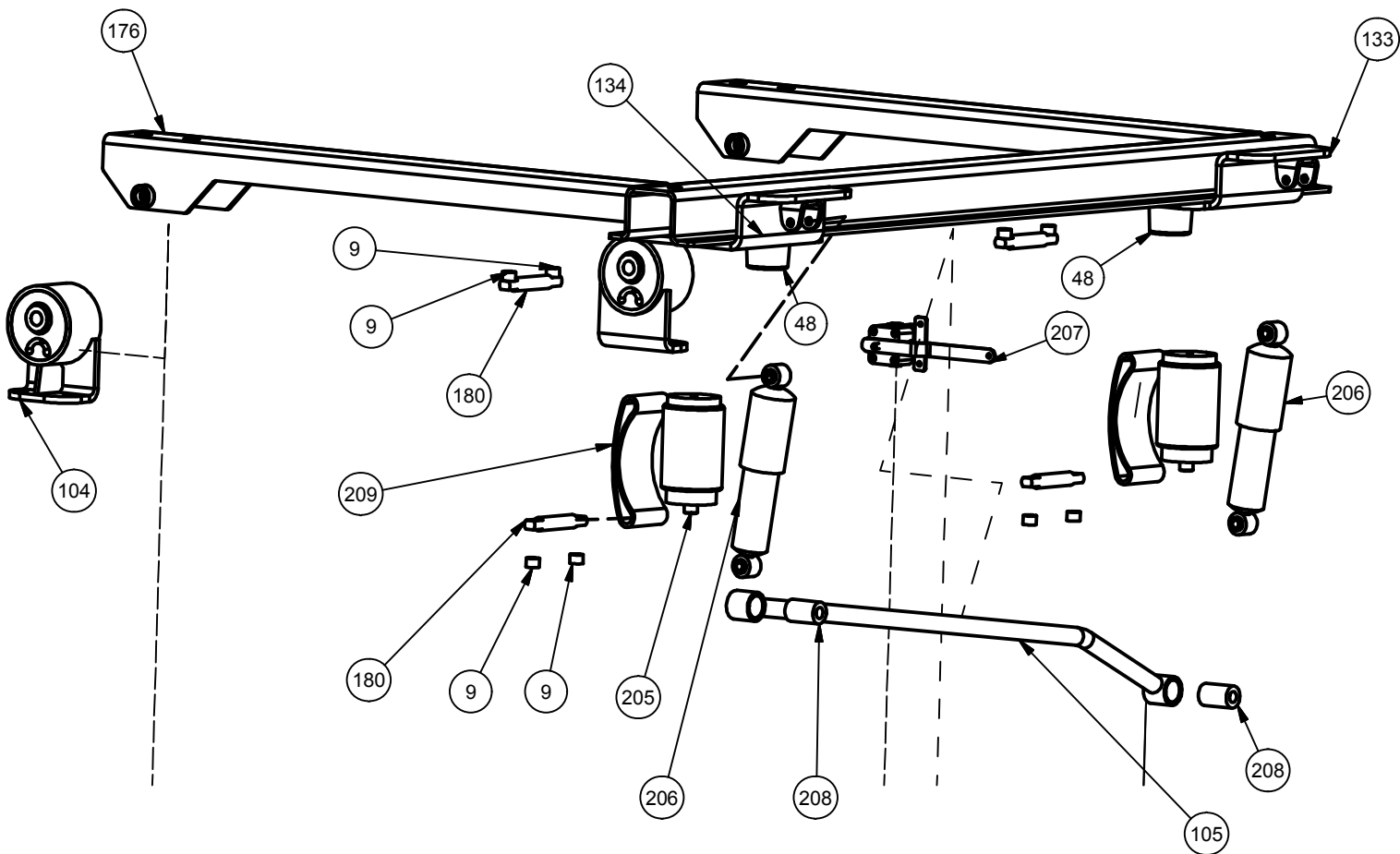
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	5A0305	Radiator
2	1		Radiator Cap
3	1	RS-75930 CA	Charge Air Cooler
4	1	RS-75930 OC	Hydraulic Oil Cooler
5	1		
6	1		



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Cab Air ride Assembly

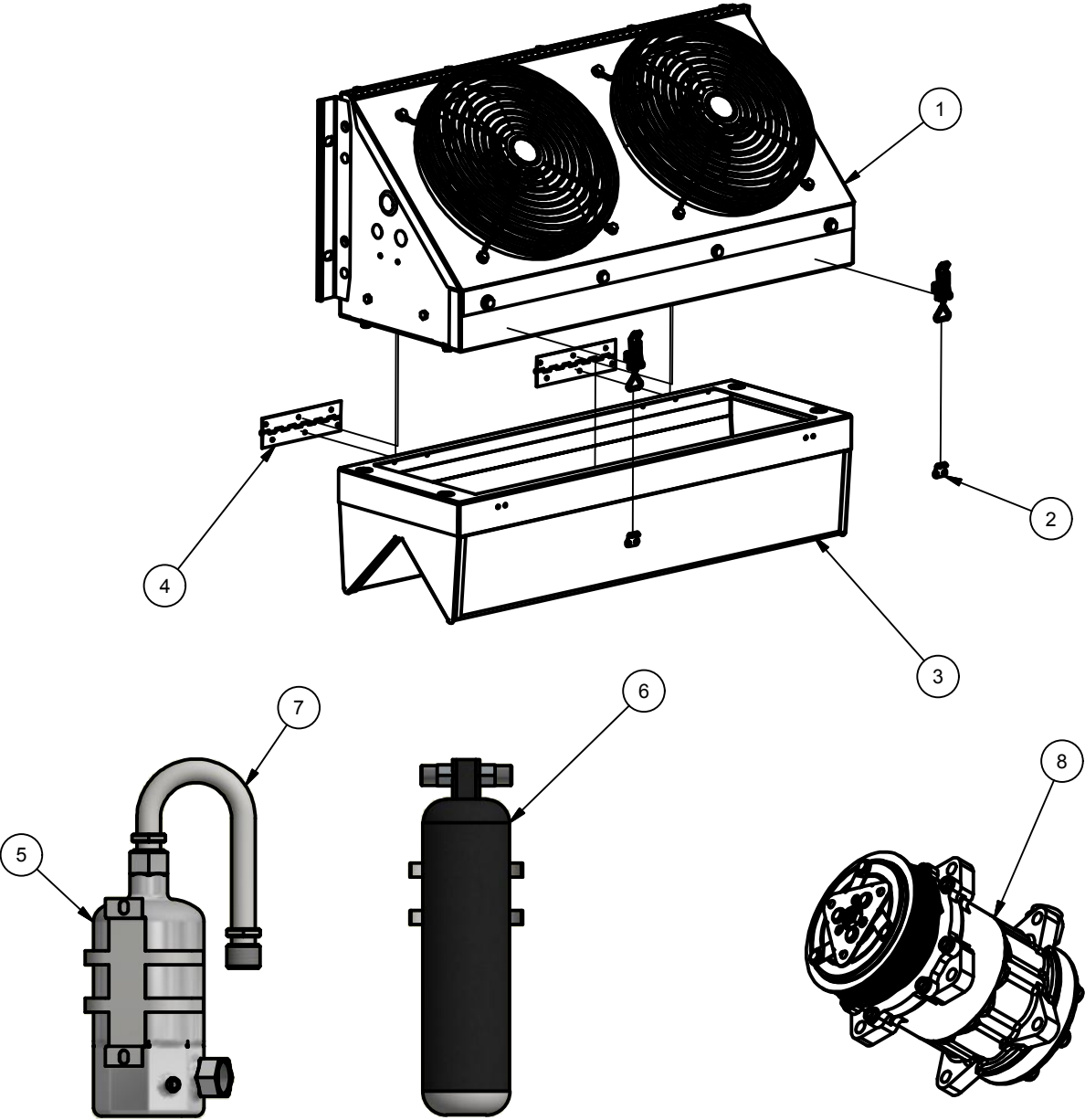
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
104	2	5A0550	Cab Mount Assembly
176	1	5P1020	Cab Air Ride Frame
205	2	5P7021	Cab Air Bag
133	1	5A1026	Cab Air Bag Top Right Mnt
134	1	5A1029	Cab Air Bag Top Left Mnt
9	8	100131	Spacer, 3/4" OD, 1/2" Length, for 3/8" Screw Size
180	4	5P1210	safety strap mount rod
206	2	5P7023	Cab shock absorber
209	2	5P7029	Limiter Strap
208	2	5P7025	Polyurethane Bushing, Cab Strut
48	2	2P2635	Bumper, Cab/T-Booster
207	1	5P7024	Leveling valve



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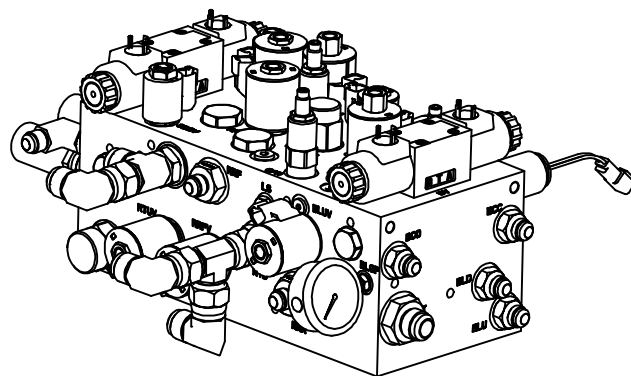
Air Conditioning Components

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	07-36005-12	AC Condensor,Fan Assembly
2	2	13435A310	latch
3	1	5P1195-1	AC condensor screen
4	2	4P5295	Hinge, Rolling Rack Cylinder Tray
5	1	5P4184	AC Accumulater
6	1	5P4181	AC Dryer
7	1	5P4185	top tube
8	1	5P4115	AC compressor



BACK

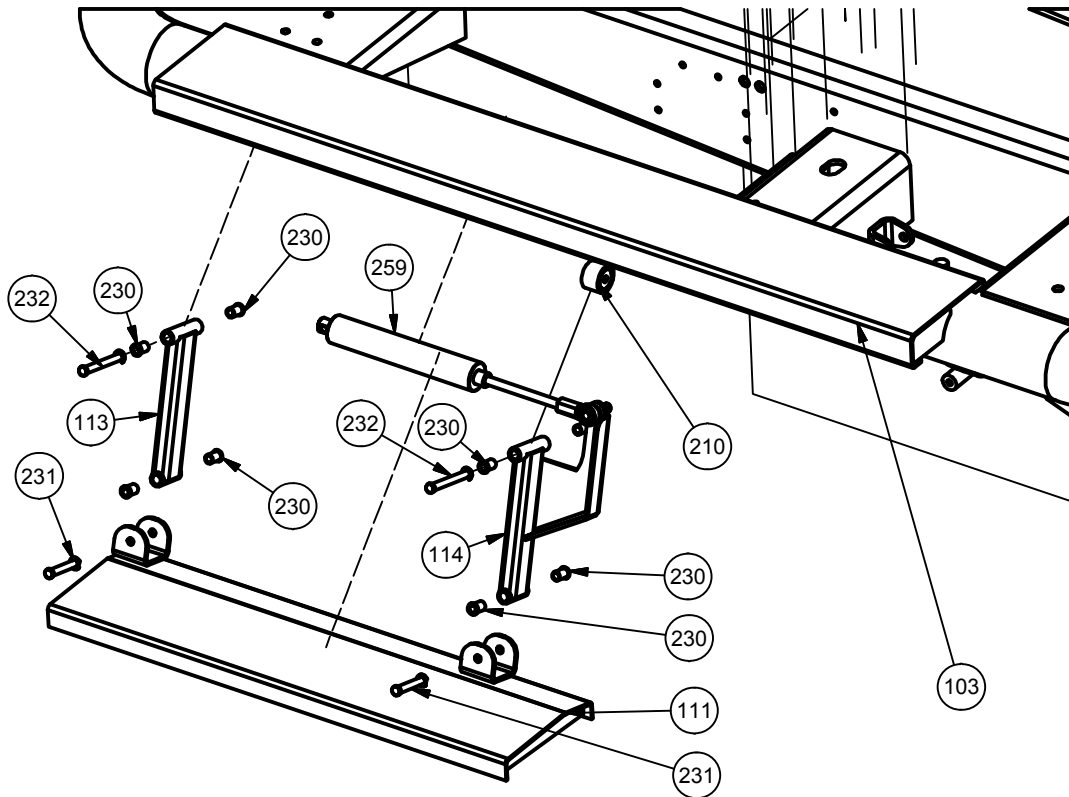
Label	MS Valve Part #	MS Seal Kit Part #	Installation Torque
TCV	4P4415	4P4416	50 ft-lbs
RTUCV,RRFCV	4P4440	4P4441	30 ft-lbs
BLCV	4P4520	4P4521	25 ft-lbs
SBUV, SBDV	4P4710	4P4711	20 ft-lbs
FR	4P4400	4P4401	105 ft-lbs
BC	4P4535	4P4536	25 ft-lbs
SBPV	4P4425	4P4426	54 ft-lbs
CPR	4P4515	4P4516	27 ft-lbs
RTPPDV	4P4455	4P4456	35 ft-lbs
RRRVH	4P4480	4P4521	25 ft-lbs
RRRVL	4P4495	4P4521	25 ft-lbs
CHPR	4P4560	4P4521	25 ft-lbs
BPV	4P4555	4P4441	35 ft-lbs
RTDV	4P4445	4P4446	35 ft-lbs
RTUV	4P4430	4P4441	37 ft-lbs
RRFV,BLUV,RRRV	4P4470	4P4521	25 ft-lbs
RRHPV,BLHV	4P4485	4P4521	25 ft-lbs
BLC	4P4525	4P4521	25 ft-lbs
RTPDV,LS	4P4460	4P4461	20 ft-lbs
HLCV,HRCV,BCCCV,BCOCV	4P4405	4P4521	25 ft-lbs



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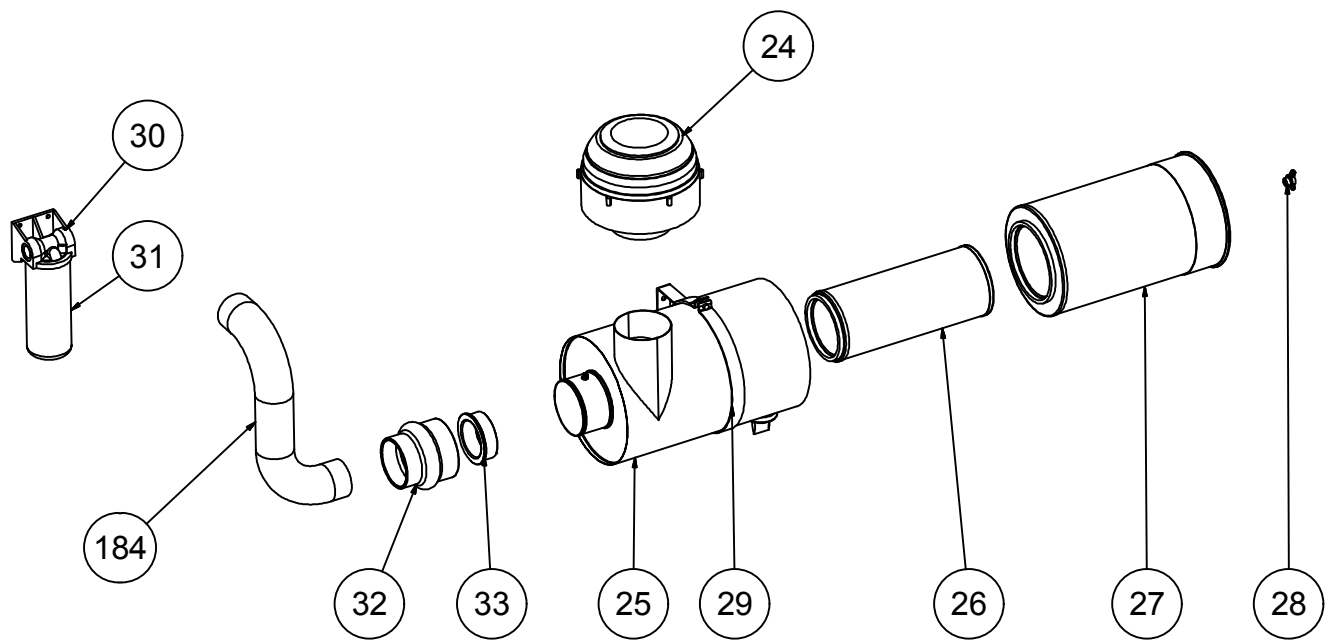
Cab Step Assembly

Step Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
103	1	5A0530	Cab Sub Frame Assy
148	1	100419	Frame Rail, Left
113	1	5A0625	Step leg T
114	1	5A0626	Step leg Rear
230	8	5R7530	Nylon Flanged Bearing, 3/8" ID, 1/2" OD, 3/4" Length
111	1	5A0595	Step
232	2	5R7553	Pin w. Clip, 3/8 x 3-5/16
210	1	5P7030	Bumper, Step - Threaded
259	1	5P7001	1.25 x 6 Air Cylinder assy
231	2	5R7551	Pin w.clip 3/8 x 2-5/16



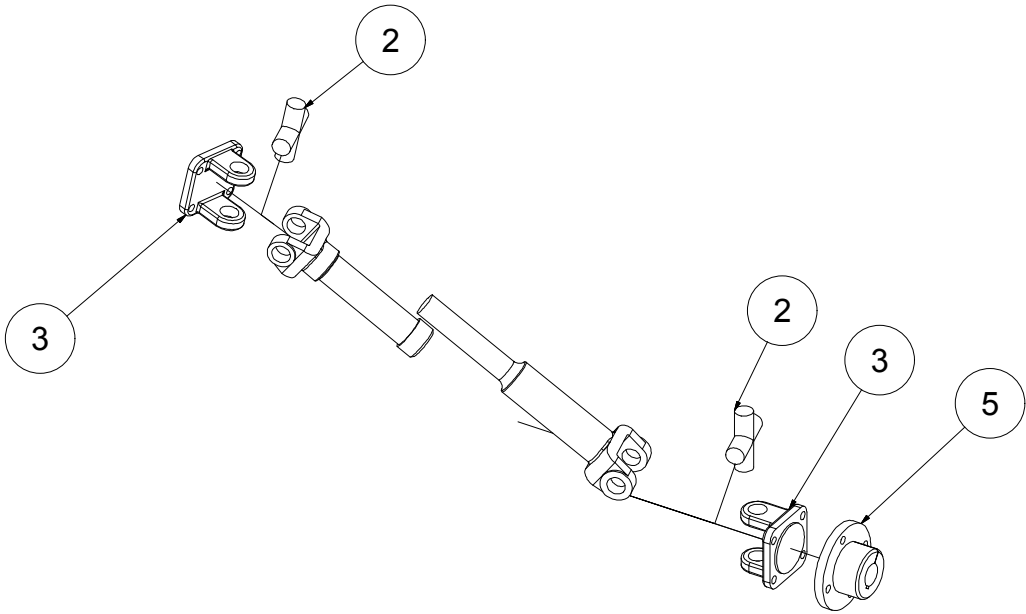
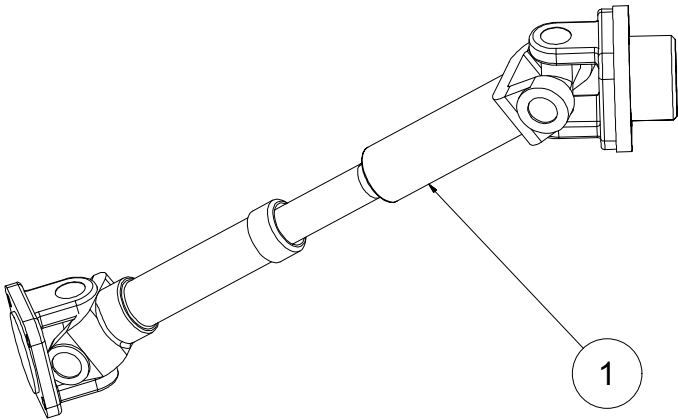
BACK

Engine Air and Oil Filters			
ITEM	PART NUMBER	DESCRIPTION	PAGE
184	5P1900	Tube, Cold Air to Turbo	
25	100367	Engine Air Filter Housing	
24	100366	Engine Air Filter Lid	
26	100369	Air Filter, Engine, Inner	
27	100370	Air Filter, Engine, Outer	
28	100371	Engine Air Filter Nut	
29	100372	Bracket, Engine Air Filter Housing	
32	100375	Reducing Coupler,Air Filter Housing	
33	100376	Reducing Bushing 5" to 4"	
30	100373	Housing, Engine Remote Oil Filter	
31	100374	Engine Oil Filter	



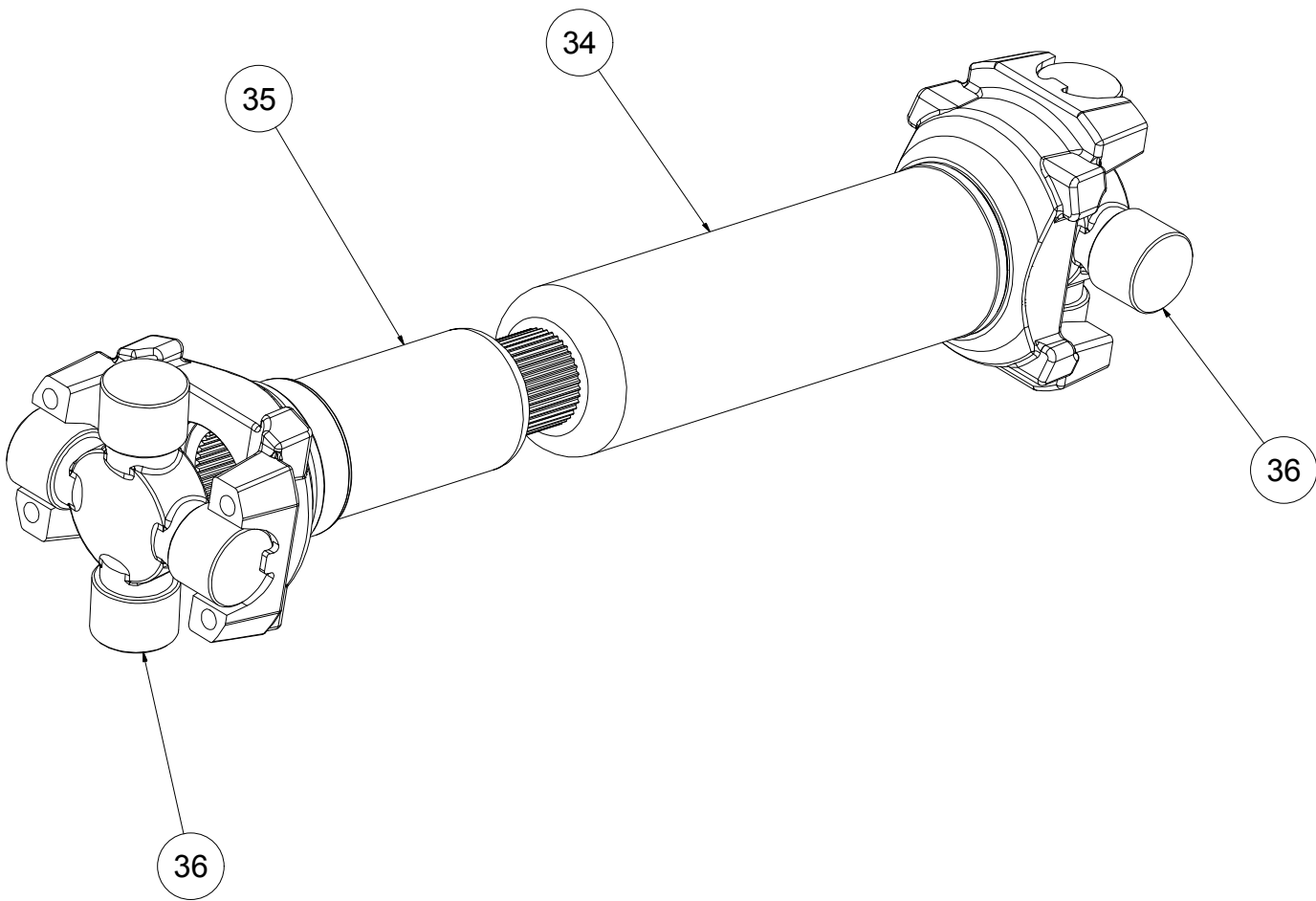
BACK

PTO Drive Line 5A0990			
ITEM	PART NUMBER	DESCRIPTION	PAGE
1	5A0990	PTO Drive Assy	
2	5P7673	PTO U-Joint	
3	5P7674	Flanged Yoke	
5	5P7678	Splined Pinch Hub	



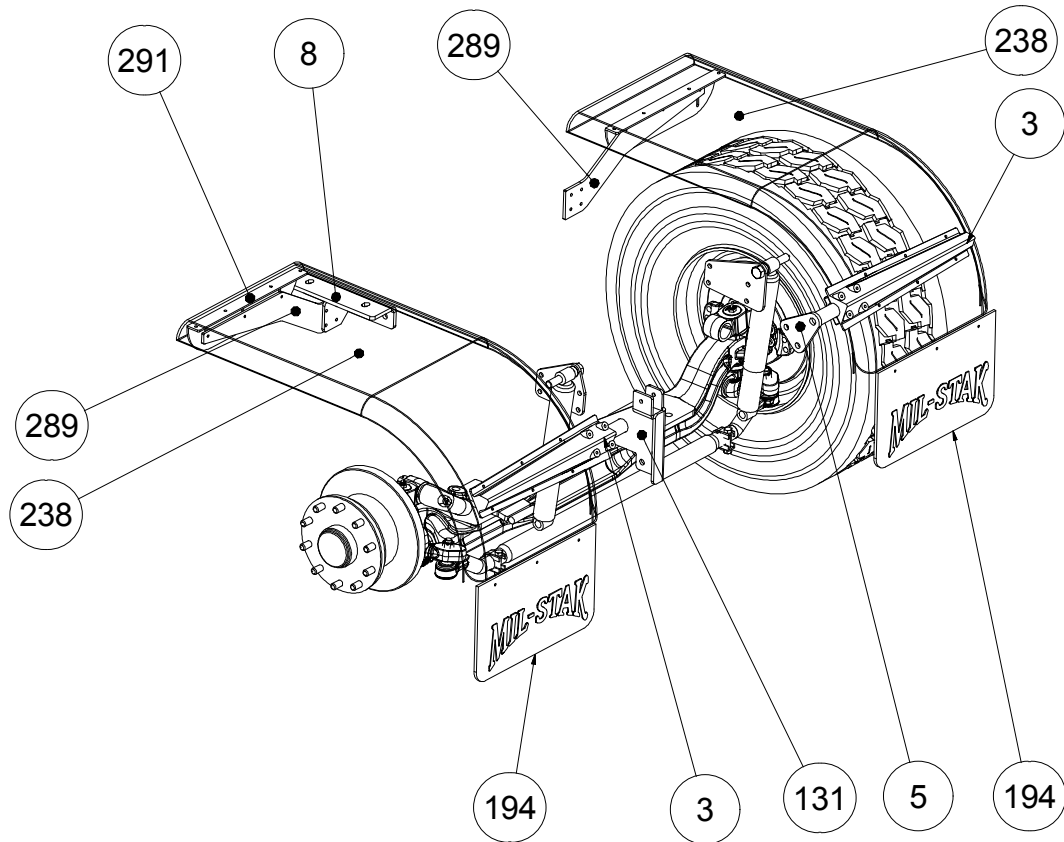
[Back](#)

Main Drive line 5A0980			
ITEM	PART NUMBER	DESCRIPTION	PAGE
36	100379	Universal Joint	
34	100377	Rear Shaft ,Main Drive line.	
35	100378	splined Yoke, Drive Line	



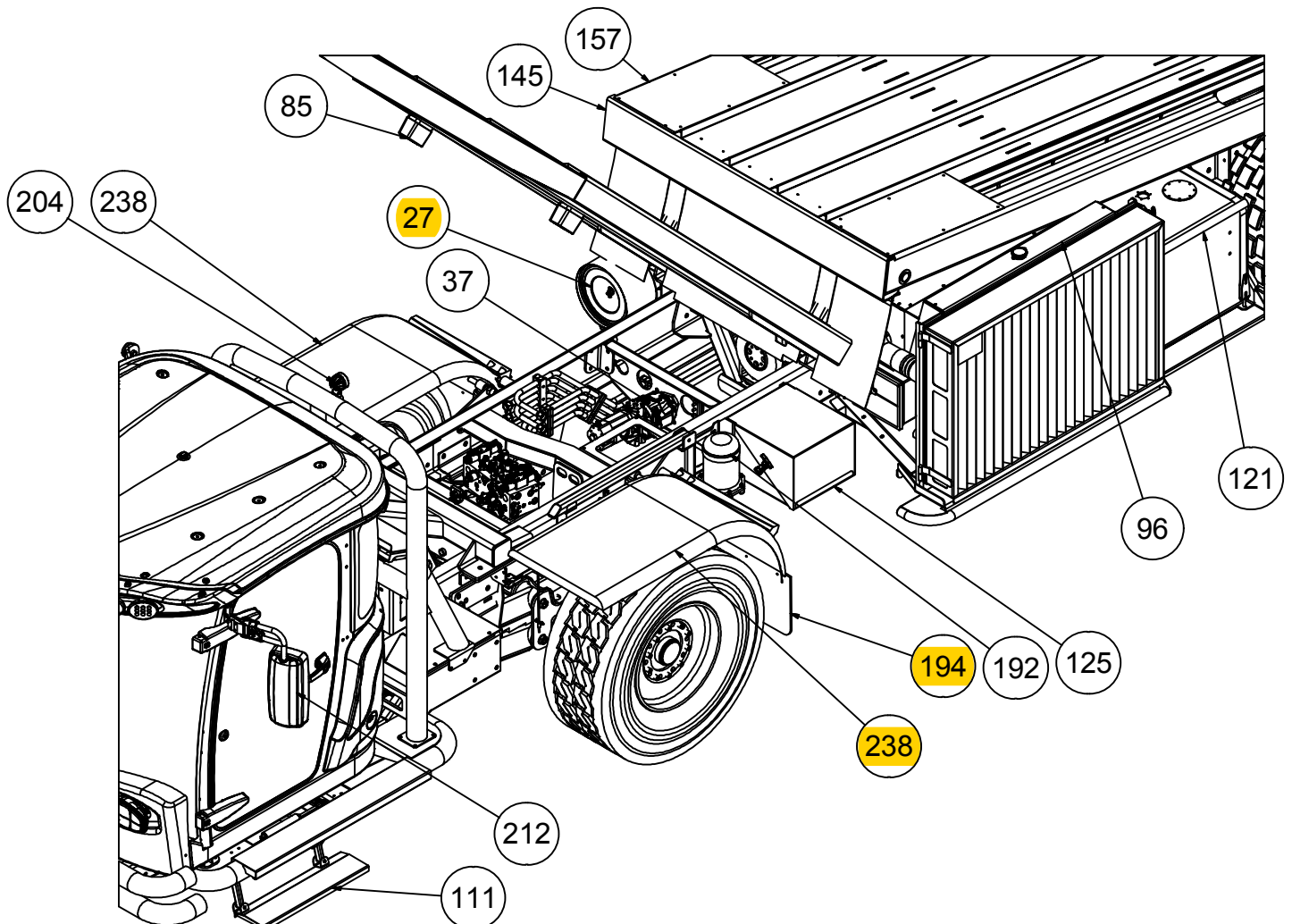
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Front Fender Assembly			
ITEM	PART NUMBER	DESCRIPTION	PAGE
8	100091	Mount, CPF & left fender	
131	5A0925	Safety Bar Mnt Weldment	
5	100074	Fender Mount Brkt ,Front Right	
194	5P2210	Mud flap, Front Fender, Rear	
238	100066	FNDR-K,950,PE,BLK	
3	100067	Fender Mnt Kit	
289	100422	Fender Mount ,Front Paddle	
291	100421	Fender Mount ,Front Bracket	

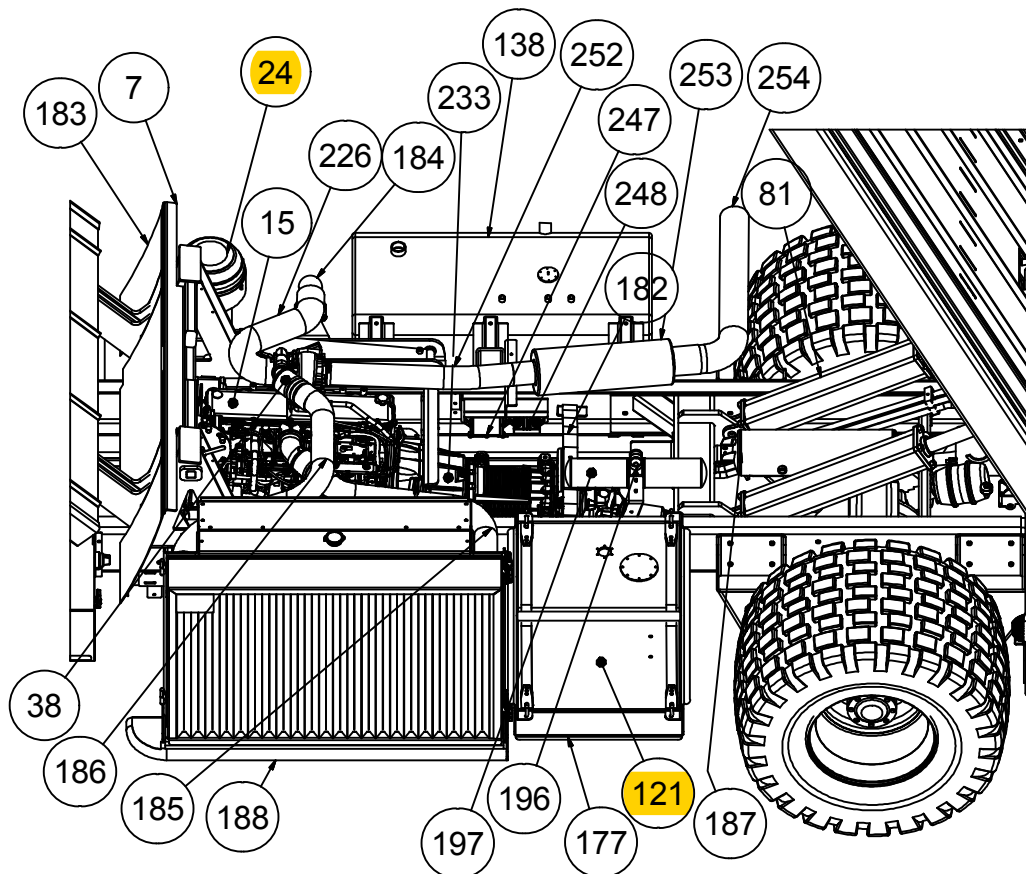


BACK

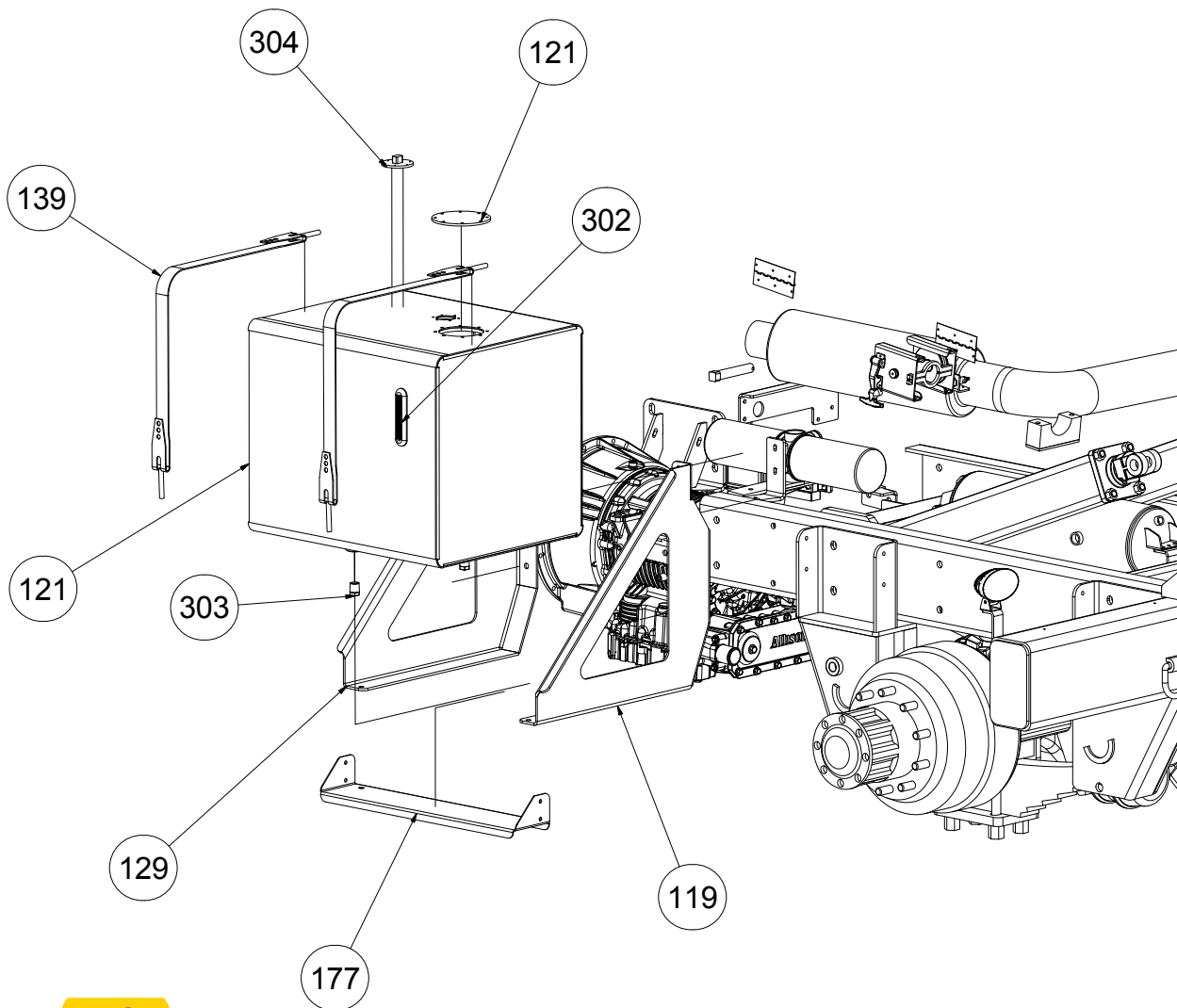
ITEM	PART NUMBER	DESCRIPTION	PAGE
111	5A0595	Step	
212	5P7152	Exterior Mirror LH, w. signal	
96	5A0305	Radiator, CAC, Oil Cooler w. Frame	
125	5A0860	Battery Box Base	
145	5P0350-N	Stack Bed Base	
85	4P1000	Rubber Bumper, 3" High, 6" Wide, 3-1/2" Deep	
157	5P0669	Stackbed top front cover	
192	5P2032	Air Dryer	
204	5P6816	Work Light, Round 1790 lm	
27	100370	Air Filter, Engine, Outer	
37	100380	Hydraulic Piston Pump	
121	5A0825	SP Hydraulic Tank	
194	5P2210	Mud flap, Front Fender, Rear	
238	min 950	FNDR-K,950,PE,BLK	



ITEM	PART NUMBER	DESCRIPTION	PAGE
187	5P2000	Air Tank	
7	100090	Stack Bed Deflector Mount	
183	5P1850	Rubber engine shield	
188	5P2010	Radiator Guard	
196	5P3121	Filter Head	
197	5P3126	Hyd Oil Filter	
233	6A3000	3000RDS Allison, 421 Converter, Integral Cooler, SPL170 Yoke	
182	5P1820	Transmission Support Spring	
177	5P1090	Hyd Tank Step	
15	100179	Engine,Cummins QSL9	
186	5P1902	Tube, Turbo to CAC	
185	5P1901	Tube, CAC to Turbo	
184	5P1900	Tube, Cold Air to Turbo	
226	5P7611	Air Filter to Turbo	
81	4A4060	5" X 30" Hydraulic Cylinder w. Clevis Pins	
24	100366	Engine Air Filter Lid	
121	5A0825	SP Hydraulic Tank	
138	5A1500	Fuel Tank Assy	
38	100381	Silicon Hump Hose	
247	5P7652	VIM	
248	5P7651	Transmission Control Module	
252	4 in flex exhaust		
253	5P-12774	Muffler,Stainless	
254	exhaust tail pipe		



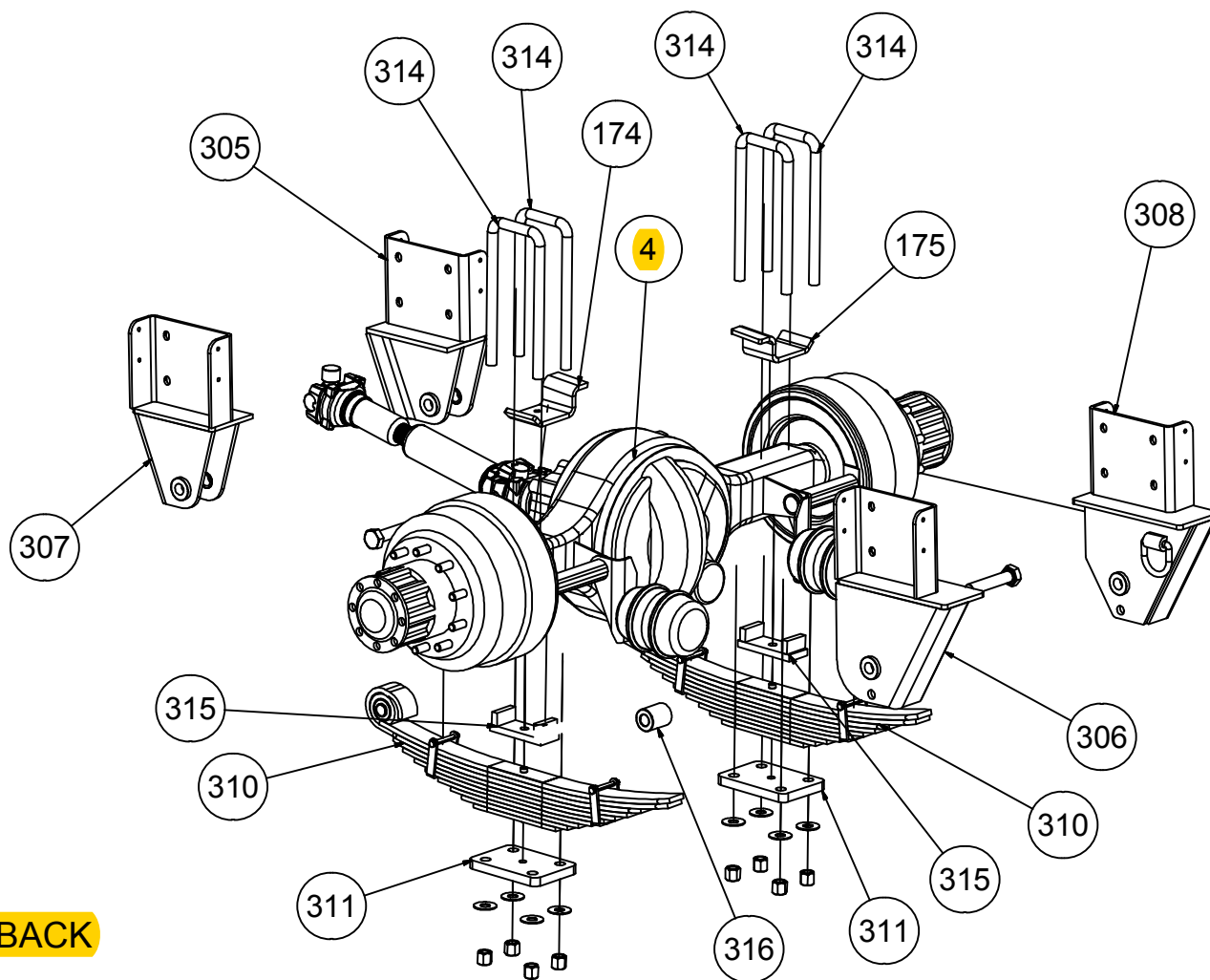
ITEM	PART NUMBER	DESCRIPTION	PAGE
119	5A0821	Mount, Hyd Tank Rear Weldment	
129	5A0896	Mount, Hyd Tank Front Weldment	
177	5P1090	Hyd Tank Step	
121	5A0825	SP Hydraulic Tank	
139	5A1650	Hyd Tank Strap Assembly	
302	100473	Sight-Temp Glass	
303	100474	Drain Plug/Magnet	
304	100475	Level Sensor	



BACK

Rear Spring Suspension used on Serial number SP17002 and higher.

ITEM	PART NUMBER	DESCRIPTION	PAGE
4	100068	Dana Drive Axle	
174	5P0997	Axle Stop, Right	
175	5P0998	Axle Stop, Left	
305	5A0881	Spring Hanger,Rear Axle Fr Rt	
306	5A0884	Spring Hanger,Rear Axle,Rear Left	
307	5A0882	Spring Hanger ,Rear Axle Fr Lft	
308	5A0883	Spring Hanger,Rear Axle,Rear Right	
310	6A0530	LEAF SPRING	
311	100465	UBOLT PLATE 1-1/8	
314	100129	1-1/8" Ubolt	
315	100467	AXLE BOX	
316	5P2107	Spring rest roller,Rear	



BACK

SP/3150 Wheel / Tire Assemblies

6A0407 Tire / Wheel Assembly, Front

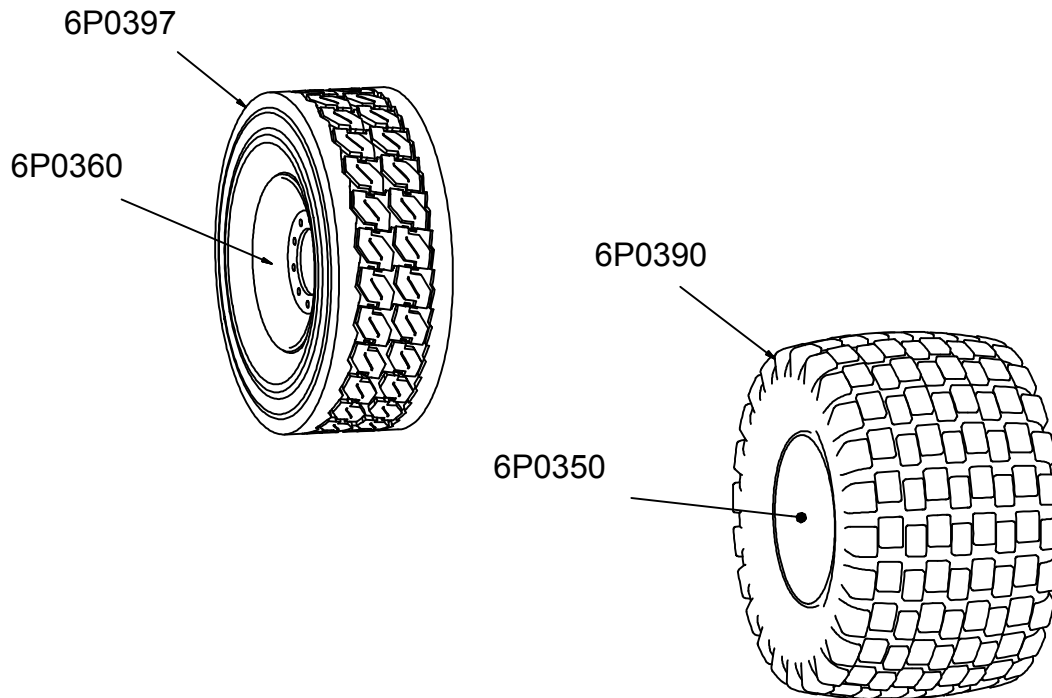
6P0360 Wheel, Aluminum 22.5 x 12.25 Alcoa 823627

6P0397 Tire, 425/65R2206 Michelin XZY

6A0418 Tire / Wheel Assembly, Drive

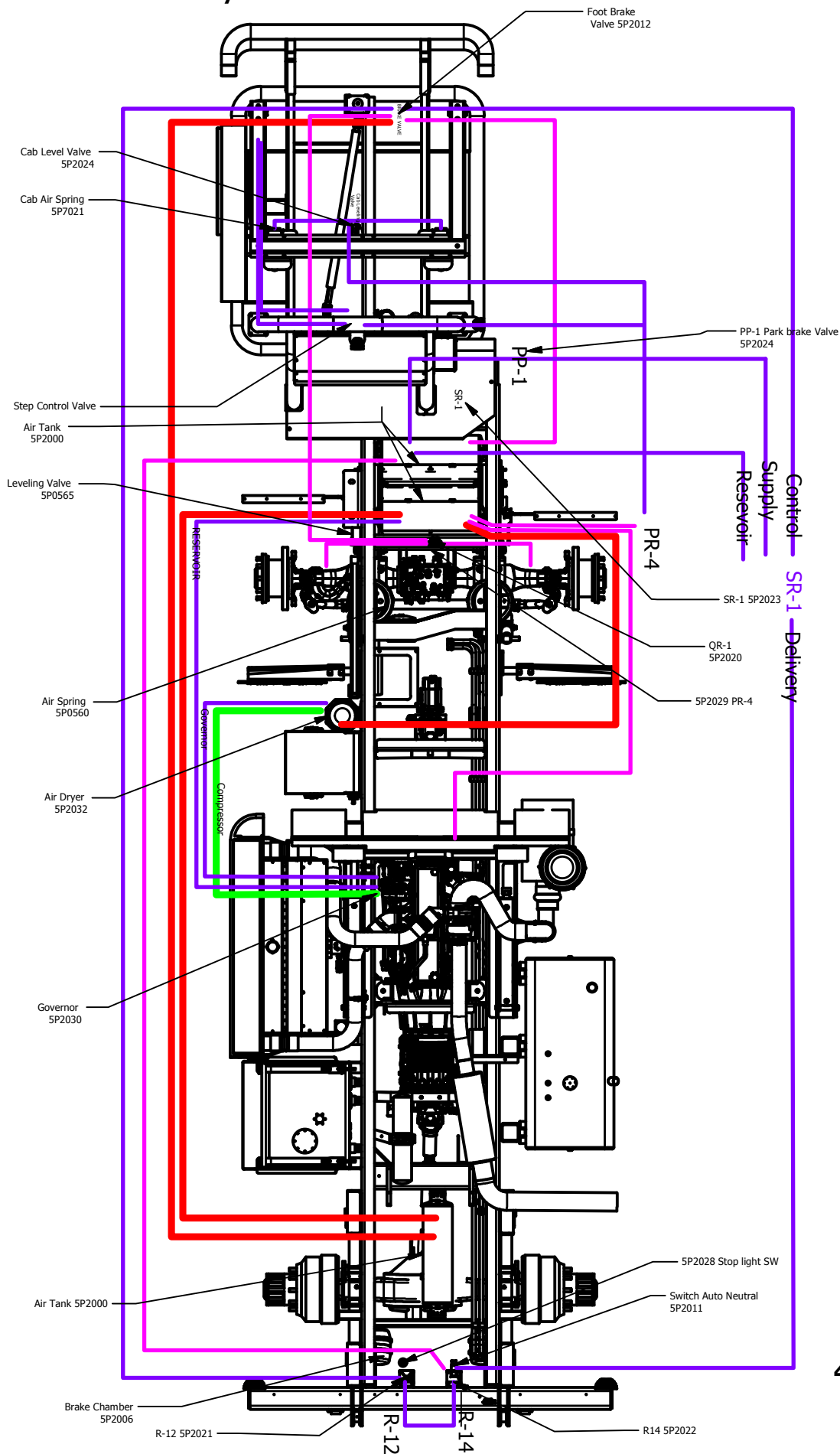
6P0350 Steel Wheel, 22.5 x 24 220.1mm hub pilot 285.75mm bolt circle

6P0390 Tire, 710/45R22.5 Michelin CargoXbib



BACK

Air Line system



7063282

Quantity	Item	Description
1	-513527	HSG HARDWARE MODULE
1	54254	PLUG MAGNETIC
1	129492	PLUG FILL
4	131106	CAPSCREW - HEX
10	131105	CAPSCREW - HEX
8	131375	CAPSCREW - HEX
6	130877	WASHER - PLAIN
6	131105	CAPSCREW - HEX
1	-131433	END YOKE ASSY RI
1	170 4 1891 1	END YOKE
1	131214	SLINGER
1	129047	DIFF WIRING PIGTAIL
2	33548	LOCK WHL BRG NUT
2	126675	NUT WHL BRG, INNER
2	126676	NUT WHL BRG, OUTER
1	323875	HOUSING - R190 AXLE
1	131722	SHAFT - AXLE
1	131721	SHAFT - AXLE
1	-515766	HEAD ASSY S190D 683
1	-516527	STD HEAD PARTS
2	139969	BEARING CUP
1	134229	TAG - IDENTIFICATION
1	139968	BEARING CONE
1	139970	BEARING CONE
1	131070	SPACER - BEARING 8.080
1	134323	OILSEAL
1	131095	LOCKNUT - HEX, FLANGED
1	126187	BEARING
1	140014	BEARING CONE
1	140019	BEARING CONE
1	140012	BEARING CUP
1	140020	BEARING CUP
1	139992	ADJUSTER - BEARING, DIFF, FLANGE SIDE
1	139993	ADJUSTER - BEARING, DIFF, PLAIN SIDE
2	90311	COTTER PIN
1	-516507	WHEEL DIFF ASSY

NEXT

16	131473	CAPSCREW - HEX
1	131039	SPIDER - DIFF
4	131040	PINION, SIDE
2	300GD101	GEAR-SIDE
1	139998	CASE-DIFF, FLANGED HALF
1	140025	CASE-DIFF, PLAIN HALF
2	HS108	S/G THRUST WASHER
4	300HS100	S/P THRUST WASHER
1	-516515	DIFF LOCKUP ASSY
1	129034	WASHER NYLON
1	129035	SWITCH
1	210020	SPRING PIN
1	210180	O RING
1	131096	CAP - DIFF LOCK
1	134482	ROD - PUSH
1	140024	CLUTCH - SLIDING
1	131102	SPRING - COMPRESSION
1	140008	FORK - SHIFT
1	131665	O RING
1	-132482	CARRIER SUB - ASSY
1	131024	CARCASA DIF.FUNDIDA
1	131144	GP131199-131180 6.83
1	302704	COVER - AXLE HOUSING
1	66426	PLUG PLASTIC
46	29804	WASHER
2	30316	BEARING CONE
46	60600	NUT
30	88374	BOLT
2	126987	BEARING CONE
2	304446	OIL SEAL
1	K075422	BRAKE ASM ES16507H
1	K075423	BRAKE ASM ES16507H
2	302224	SENSOR BLOCK
2	976657	SLEEVE-SENSOR MOUNTING - BENDIX
2	X8C545	SCREW
16	1246V1166	AXLE SHAFT TAPERED DOWELS
2	127042	GASKET, AXLE SHAFT
2	975413	HUB & DRUM ASSY
2	976664	SENSOR ASSY - BENDIX

NOTES