2007 APACHE™

AS710, AS1010 & AS1210

Parts Manual

Revised June 14, 2012

EQUIPMENT TECHNOLOGIES

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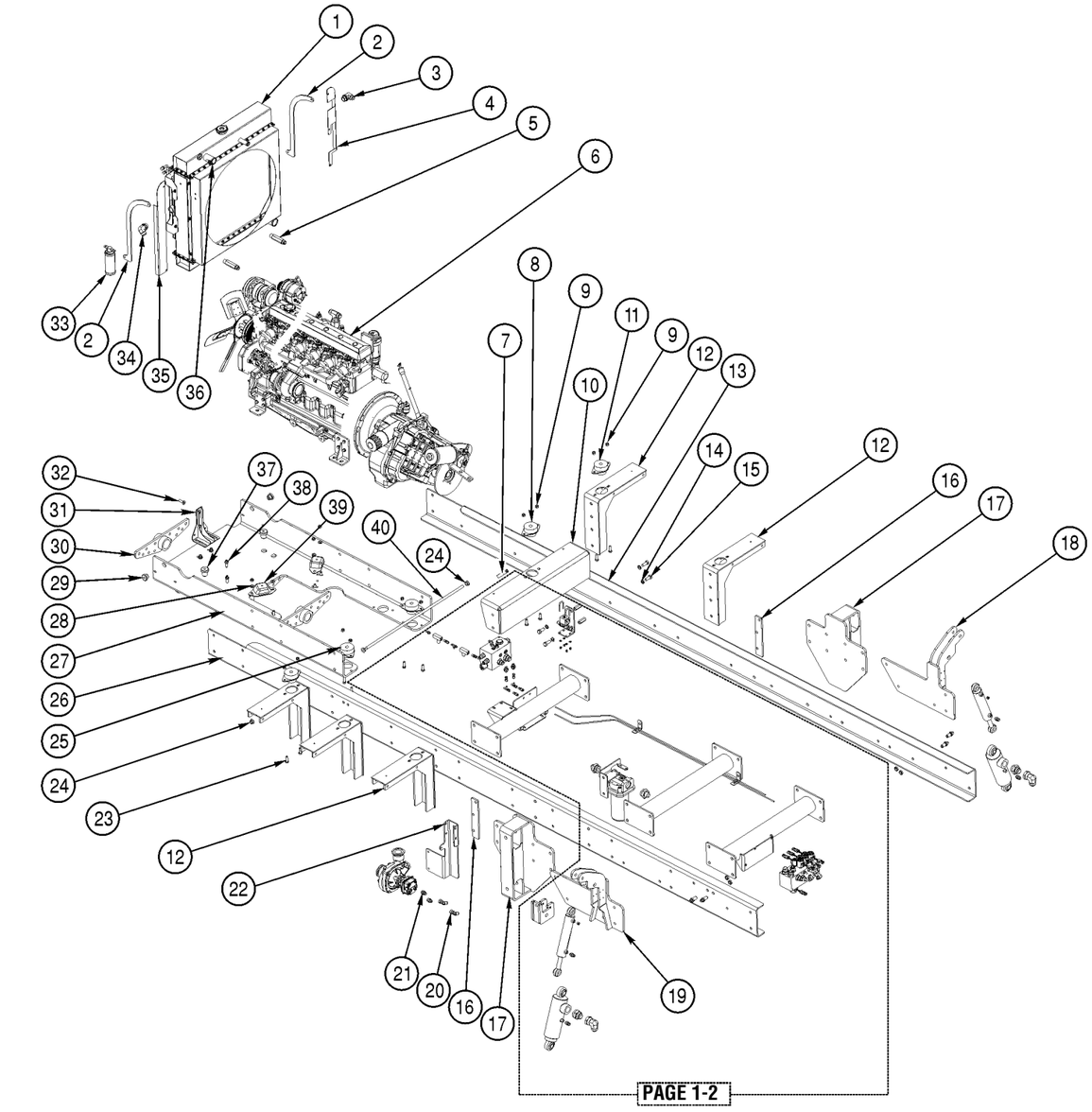
Station 1 Frame • AS710

Station 1
Frame
AS710



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Item	Part Number	Qty	Description	Size	Comments
1	201200064	1	Radiator Assembly John Deere		
2	201200076	2	Brace, Cooling package Deere		
3	800404254	1	Fitting, 12 FLM X 16 ORM 90		Used on right hand side of Cooling package
4	201200074	1	Hood Guide Right, Deere		
5	800302148	2	Fitting, 12 FLM X 12 Pipe Male Long		Used in bottom of Transmission Cooler
6	ENGJD155	1	AS710 Series Engine Deere		155hp Tier II John Deere 409 ft-lbs @ 1400 rpm
7	915002801	1	Clamp, Insulated 2- 1/2 IN DIA		
8	490002640	1	Rear Cab Isolator		
9	901003040	16	Nut nylock 1/2-13 ZP		
10	100100507	1	Rear Cab Support		
11	490002600	2	Front Cab Isolator		
12	100100601	5	Tank Mount Bracket		Outriggers for the hydraulic and fuel tanks
13	100100020	1	Frame Rail Right		
14	902201110	4	Washer Lock 5/8 ZP		
15	900003665	4	Bolt HHCS 5/8-11 X 1 1/2 G8 ZP		
16	100100615	2	Backing Plate		Used to mount tank skid
17	100108057	2	Front Suspension Bracket		Arrow Head Bracket
18	100108001	1	Rear Suspension Bracket Right		Cobra Head Bracket
19	100108011	1	Rear Suspension Bracket Left		Cobra Head Bracket
20	800302207	2	Fitting, 8 FLM X 8 FLF 45		Used on Product pump
21	800302445	2	Fitting, 8 FLM X 8 ORM		Used on Product pump
22	690000008	1	Product Pump Bracket		
23	900008495	16	Bolt HHCS 1/2-13 X 1 1/2 G8 ZP		
24	100100004	4	Nut Flanged 5/8-11 Salt Bath		
25	490002725	2	Rear Engine Isolator		
26	100100000	1	Frame Rail Left		
27	100100201	1	Engine Bolster		
28	902003055	6	Washer Flat 1/2 ZP		
29	490002610	2	Radiator Isolator Top		Inserted through the side of bolster
30	100100221	2	Carrier Bearing		100100286 is the bushing for carrier
31	420000109	1	Bracket, Hood Striker		Bolts to bolster with 1/2-13 X 1 1/2 bolts
32	420000115	1	Hood Striker		Bolts to Striker bracket with 3/8-16 X 3/4in bolt
33	420120500	1	Drier A/C		Used on all models
34	800404265	1	Fitting, 16 FLM X 16 ORM 90		Used on left hand side of Cooling package
35	201200073	1	Hood Guide Left, Deere		
36	800302161	1	Fitting, 4 PM X 6 HB		Used for the vent line on the radiator
37	201200009	2	Isolator, Radiator Lower		Inserted into the bottom of the bolster
38	800302459	2	Fitting, 6 FLM X 6 FLM BLKHD		Bulkhead fitting for steering
39	290001000	2	Front Engine Mount		
40	100100606	1	Front Outrigger Brace		
	100100001	as required	Bolt, Frame 5/8-11 X 2 Salt Bath		Not shown
	100100003	as required	Bolt, Frame 5/8-11 X 2 1/2 Salt Bath		Not shown
	100100004	as required	Nut, Frame 5/8-11 Salt Bath		Not shown
	100100005	as required	Nut, Frame 3/4-10 Salt Bath		Not shown
	100100006	as required	Bolt, Frame 3/4-10 X 2 Salt Bath		Not shown
	100100007	as required	Bolt, Frame 3/4-10 X 2 1/2 Salt Bath		Not shown
	201200009	2	Isolator, Radiator Lower		Inserted into the bottom of the bolster

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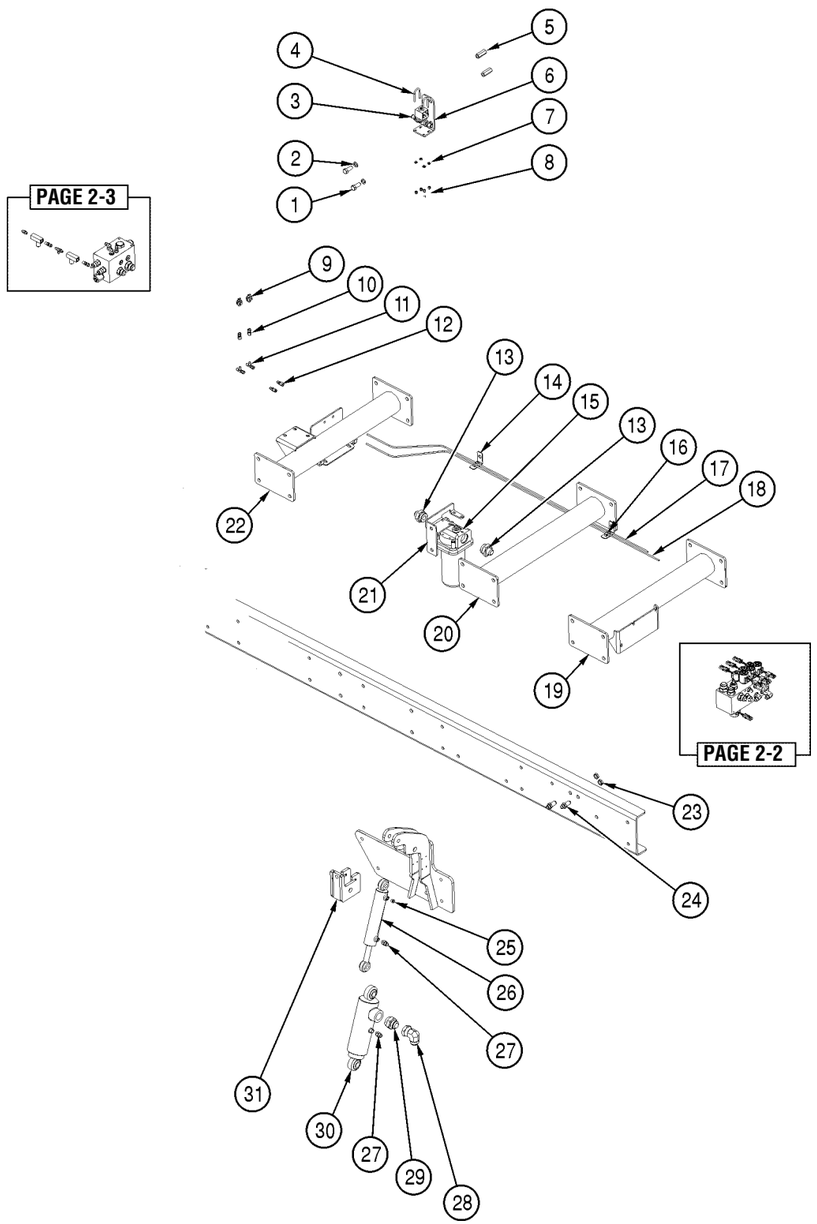
Frame Detail



Item	Part Number	Qty	Description	Size	Comments
1	900003665	2	Bolt HHCS 5/8-11 X 1 1/2 G8 ZP		
2	902201110	2	Washer Lock 5/8in ZP		
3	400000713	1	Water Valve		Out faces engine and in faces rear when installed
4	915002564	2	U-bolt 1/4-20 X 1 3/8 DIA		Bolts the water valve to bracket
5	901000562	2	Coupler nut 5/8-16		
6	190100001	1	Bracket, Water valve		
7	902003035	4	Washer Flat 1/4 ZP		
8	901003000	4	Nut Nylock 1/4-20 ZP		
9	700020101	2	Brake Pressure Switch		
10	800302196	2	Fitting, 4 FLF X 2 PF		Used on the bottom on the Brake Pressure Switch
11	800302168	2	Fitting, 4 FLM X 4 FLM X 4 FLF		Used on the bottom on the Brake Pressure Switch
12	800302206	2	Fitting, 4 FLM X 4 FLLS BLKHD ST		Brake bulkhead
13	800302147	2	Fitting, 16 FLM X 24 ORM		Used on the main hydraulic filter housing
14	190100200	2	Bracket Brake Line		Ran along frame rail to hold clamp for hard lines
15	840000012	1	Main Hydraulic Filter Assembly		Ran on the return line
15A	840000060	1	Hydraulic Filter Head		Included with 840000012
15B	840000061	1	O-ring		Included with 840000012
15C	840000062	1	Hydraulic Filter Can		Included with 840000012
15D	840000013	1	Replacement Filter		Included with 840000012
15E	840000063	1	Spring for Hydraulic Filter		Included with 840000012
15F	840000064	1	Cap for Filter Spring		Included with 840000012
16	915002000	2	Clamp, Stauff		Clamps hard break lines to break line brackets
17	825000200	1	Tube Hydraulic Brake Line Right		
18	825000100	1	Tube Hydraulic Brake Line Left		
19	100100102	1	Rear Cross Member		The suspension block is mounted here
20	100100100	1	Frame Cross Member		
21	100100603	1	Bracket, Hydraulic Filter		
22	100100101	1	Front Cross Member		
23	N/A	4	Jam Nut for Fitting		Included with 800304505
24	800304505	4	Fitting, 8 FLM X 8 FLM BLKHD		Suspension bulkhead fitting through frame rail
25	800000690	2	Fitting, 6 ORM Plug		Plug in load leveling cylinder
26	100106052	2	Load Leveling Suspension Cylinder		Seal kit #100106056
27	800405000	4	Fitting, 8 FLM X 6 ORM		Used on both suspension cylinders
28	800403640	2	Fitting, 20 FLF X 20 FLM 90		Used on the ram or large suspension cylinder
29	800302450	2	Fitting, 20 FLM X 20 ORM		Used on the ram or large suspension cylinder
30	100106058	2	Ram Suspension Cylinder 3in DIA		Seal kit #100106047
31	100109005	1	Bracket Tracking Rod		

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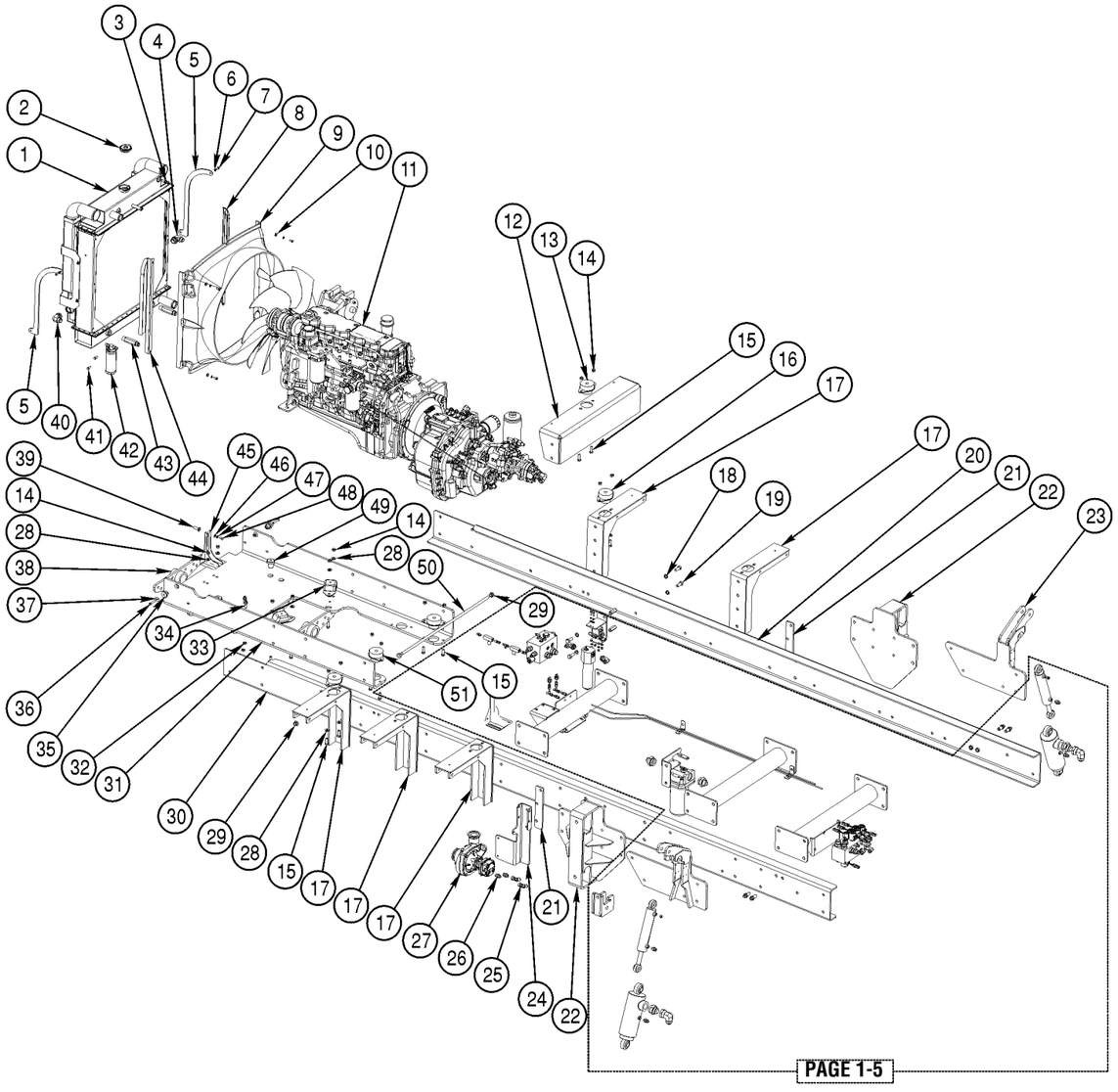

Item	Part Number	Qty	Description	Size	Comments
1	201200122	1	Cooling Package Assembly		
2	201200093	1	Cap, Radiator		
3	800302161	1	Fitting, 4 PM X 6 HB		Vent line on cooling package
4	800404254	1	Fitting, 12 FLM X 16 ORM 90		Used on right hand side on cooler
5	201200076	2	Brace, Cooling Package		
6	902201095	6	Washer, Lock 5/16 ZP		
7	900002600	6	Bolt HHCS 5/16-18 X 3/4 G5 ZP		
8	201200124	1	Hood Guide Right Cummins		
9	201200114	1	Fan Shroud		
10	902003040	4	Washer, Flat 5/16 ZP		
11	ENGCUM215(07)	1	Engine Cummins 215HP		215 Cummins Tier III 655 ft-lbs @ 1500 rpm
12	100100507	1	Rear Cab Support		
13	490002640	1	Rear Cab Isolator		
14	901003040	16	Nut Nylock 1/2-13 ZP		
15	900008495	16	Bolt HHCS 1/2-13 X 1 1/2 G8 ZP		
16	490002600	2	Front Cab Isolator		Mounted to the front tank mount brackets
17	100100601	5	Tank Mount Bracket		Outriggers for the hydraulic and fuel tanks
18	902201110	4	Washer, Lock 5/8 ZP		
19	900003665	4	Bolt HHCS 5/8-11 X 1 1/2 G8 ZP		
20	100100020	1	Frame Rail Right		
21	100100615	2	Backing Plate		Used to mount tank skid
22	100108058	2	Front Suspension Bracket		Heavy Duty Arrow head bracket
23	100108018	1	Right Rear Suspension Bracket		Heavy Duty Cobra head bracket
24	690000008	1	Product Pump Bracket		
25	800302207	2	Fitting, 8 FLM X 8 FLF 45		Used on the product pump
26	800302445	2	Fitting, 8 FLM X 8 ORM		Used on the product pump
27	630000500	1	Product Pump Hypro		
28	902003055	16	Washer Flat 1/2 ZP		
29	100100004	4	Nut Flanged 5/8-11 Salt Bath		
30	100100000	1	Frame Rail Left		
31	100100201	1	Engine Bolster		
32	N/A	2	Lock nut for bulkhead fitting		Included with 800302459
33	290001000	2	Front Engine Mount Vibration Control		
34	800302459	2	Fitting, 6 FLM X 6 FLM BLKHD		Used for the steering cylinders mounted in bolster
35	490002610	2	Upper Radiator Isolator		Mounted in the side of the bolster
36	900106526	2	Bolt BHCS 3/8-16 X 2		
37	902002047	2	Washer Fender 3/8ID 1 1/2OD		
38	100100221	2	Carrier Bearing		100100286 is the carrier bushing
39	420000115	1	Hood Striker		
40	800404265	1	Fitting, 16 FLM X 16 ORM 90		Used on left hand side of cooler
41	900002815	2	Bolt HHCS 3/8-16 X 1 G5 ZP		
42	420120500	1	Drier A/C		
43	800302148	2	Fitting, 12 FLM X 12 PM Long		Used in transmission cooler
44	201200123	1	Hood Guide Left Cummins		
45	420000109	1	Bracket, Hood Striker		
46	902003200	1	Washer Flat 3/8 ZP		
47	902201090	1	Washer Lock 3/8 ZP		
48	900002805	1	Bolt HHCS 3/8-16 X 3/4 G8 ZP		
49	201200009	2	Lower Radiator Isolator		Mounts the radiator to the bolster on the bottom
50	100100606	1	Front Outrigger Brace		5/8-11 Threads on both ends
51	490002725	2	Rear Engine Isolator		
	100100001	as required	Bolt, Frame 5/8-11 X 2 Salt Bath		Not shown
	100100003	as required	Bolt, Frame 5/8-11 X 2 1/2 Salt Bath		Not shown

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Station 1 Frame • AS1010

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Item	Part Number	Qty	Description	Size	Comments
	100100004	as required	Nut, Frame 5/8-11 Salt Bath		Not shown
	100100005	as required	Nut, Frame 3/4-10 Salt Bath		Not shown
	100100006	as required	Bolt, Frame 3/4-10 X 2 Salt Bath		Not shown
	100100007	as required	Bolt, Frame 3/4-10 X 2 1/2 Salt Bath		Not shown

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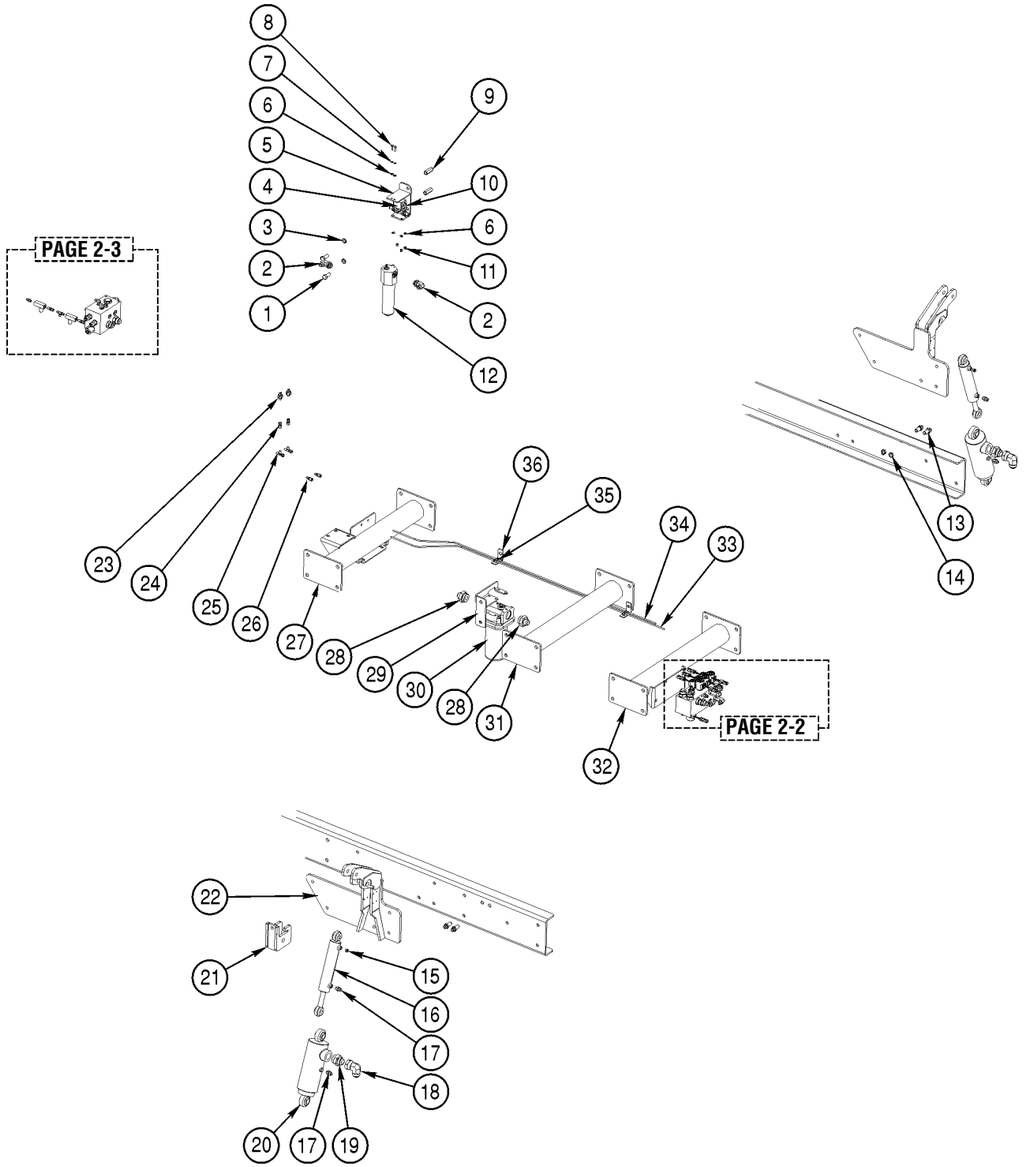
Frame Detail



Item	Part Number	Qty	Description	Size	Comments
1	900003665	2	Bolt HHCS 5/8-11 X 1 1/2 G8 ZP		Mounts steering filter bracket to coupler
2	800302208	2	Fitting, 8 FLM X 12 ORM 90		Used on steering pressure filter housing
3	902201110	2	Washer Lock 5/8 ZP		
4	400000713	1	Water Valve		
5	190100002	1	Bracket Pressure Filter/Water Valve		
6	902003190	6	Washer Flat 1/4 ZP		
7	902201085	2	Washer Lock 1/4 ZP		
8	900002405	2	Bolt HHCS 1/4-20 X 1 G5 ZP		
9	901000562	2	Coupler nut 5/8-11		
10	915002564	2	U-bolt 1/4-20 X 1 3/8 DIA		Bolts the water valve to bracket
11	901003000	4	Nut Nylock 1/4-20 ZP		
12	840000047	1	Filter Assembly Gear Pump Pressure		
12A	840000048	1	Filter Replacement Element		Included with #12
12B	840000049	1	O-ring for the Bowl		Included with #12
12C	840000049	1	Backup o-ring for filter		Included with #12
13	800304505	4	Fitting, 8 FLM X 8 FLM BLKHD		Used on rear of frame rails for the suspension
14	N/A	4	Jam Nut for bulkhead fitting		Included with #13
15	800000690	2	Fitting, 6 ORM Plug		Used on small suspension cylinder
16	100106052	2	Rear Suspension load cylinder small		Seal kit #100106056
17	800405000	4	Fitting, 8 FLM X 6 ORM		Used on both suspension cylinders
18	800403640	2	Fitting, 20 FLF X 20 FLM 90		Used between ram cylinder and suspension accumulator
19	800302450	2	Fitting, 20 FLM X 24 ORM		Used on the ram suspension cylinder
20	100106059	2	Cylinder Ram Rear 3 1/2in		Seal Kit part #100106062
21	100109005	1	Bracket Tracking Rod		
22	100108017	1	Left Rear Suspension Bracket		Heavy Duty Cobra head bracket
23	700020101	2	Brake Pressure Switch		
24	800302196	2	Fitting, 4 FLF X 4 PF		Used on brake pressure switch
25	800302168	2	Fitting, 4 FLM X 4 FLM X 4 FLF		Used on brake pressure switch
26	800302206	2	Fitting, 4 FLM X 4 FLLS BLKHD		Fitting used on front cross member for brake lines
27	100100101	1	Front Frame Cross member		
28	800302147	2	Fitting, 16 FLM X 24 ORM		Used on the hydraulic filter housing
29	100100603	1	Bracket Hydraulic Filter		Mounts return line filter assembly to frame
30	840000012	1	Main Hydraulic Filter Assembly		Mounted on the return side
30A	840000060	1	Hydraulic Filter Head		Included with #30
30B	840000061	1	O-ring, Hydraulic Filter		Included with #30
30C	840000062	1	Hydraulic Filter Can		Included with #30
30D	840000013	1	Replacement Filter Element		Included with #30
30E	840000063	1	Spring, Hydraulic filter		Included with #30
30F	840000064	1	Cap, Hydraulic Filter Spring		Included with #30
31	100100100	1	Frame Cross member		
32	100100102	1	Rear Cross member		
33	825000100	1	Tube, Brake Line Left		
34	825000200	1	Tube, Brake Line Right		
35	915002000	2	Clamp, Stauff		Clamps hard break lines to brake line bracket
36	190100200	2	Bracket Brake Line		

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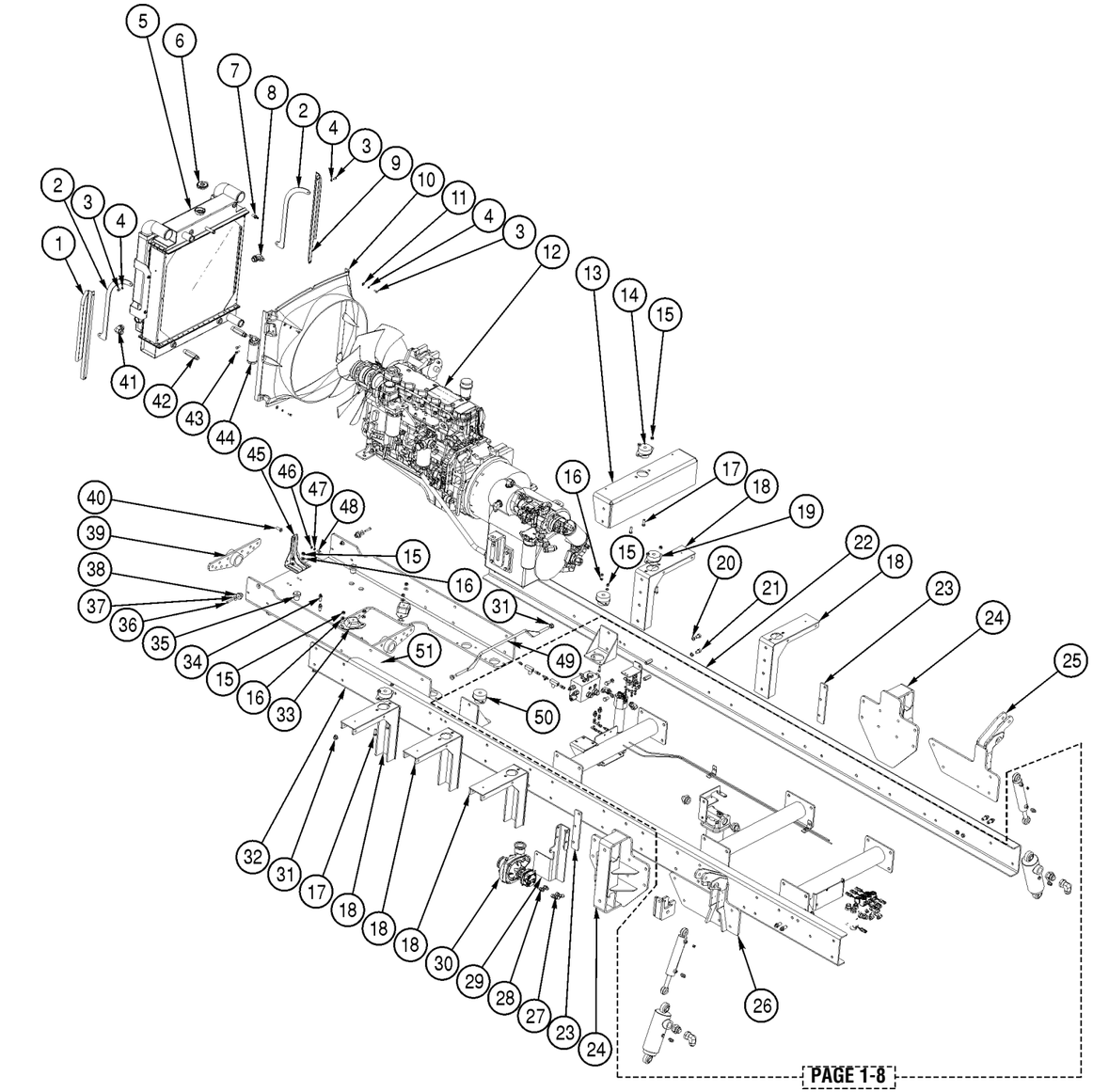
AS1210



Item	Part Number	Qty	Description	Size	Comments
1	201200123	1	Hood Guide Left Cummins		
2	201200076	2	Cooling Package Brace		
3	900002600	6	Bolt HHCS 5/16-18 X 3/4 G5 ZP		
4	902201095	6	Washer, Lock 5/16 ZP		
5	201200122	1	Cooling Package Assembly 215/275		
6	201200093	1	Cap, Radiator		
7	800302161	1	Fitting, 4 PM X 6 HB		Vent line on cooling package
8	800404254	1	Fitting, 12 FLM X 16 ORM 90		Right side of cooling package
9	201200124	1	Hood Guide Right Cummins		
10	201200114	1	Fan Shroud Cummins 07		’
11	902003040	4	Washer, Flat 5/16 ZP		
12	ENGCUM275(07)	1	Engine Cummins QSB 6.7 Tier III		275hp Cummins Tier III, 655 ft-lbs @ 1500 rpm
13	100100507	1	Rear Cab Support		
14	490002640	1	Rear Cab Isolator		
15	901003040	16	Nut Nylock 1/2-13 ZP		
16	902003055	16	Washer, Flat 1/2 ZP		
17	900008495	16	Bolt HHCS 1/2-13 X 1 1/2 G8 ZP		
18	100100601	5	Tank Mount Bracket		
19	490002600	2	Front Cab Isolator		Mounted to the front tank supports
20	902201110	4	Washer, Lock 5/8 ZP		
21	900003665	4	Bolt HHCS 5/8-11 X 1 1/2 G8 ZP		
22	100100020	1	Frame Rail Right		
23	100100615	2	Backing Plate		Mounts the tank skid to the frame rail
24	100108058	2	Bracket, Front Suspension		Heavy Duty
25	100108018	1	Rear Suspension Bracket Right		Heavy Duty
26	100108017	1	Rear Suspension Bracket Left		Heavy Duty
27	800302207	2	Fitting, 8 FLM X 8 FLF 45		Used on the product pump
28	800302445	2	Fitting, 8 FLM X 8 ORM		Used on the product pump
29	690000008	1	Bracket, Product Pump		
30	630000500	1	Product Pump Hypro		
31	100100004	4	Nut Flanged 5/8-11 Salt Bath		
32	100100000	1	Frame Rail Left		
33	290001000	2	Front Engine Mount Isolator		
34	800302459	2	Fitting, 6 FLM X 6 FLM BLKHD		Steering bulkhead in the front bolster
35	201200009	2	Lower Radiator Isolator		Mounts the radiator to the bolster on the bottom
36	900106526	2	Bolt BHCS 3/8-16 X 2		
37	902002047	2	Washer, Fender 3/8 ID 1 1/2 OD		
38	490002610	2	Upper Radiator Isolator		Mounted in the side of the bolster
39	100100221	2	Carrier Bearing		100100286 is bushing for carrier
40	420000115	1	Hood Striker		
41	800404265	1	Fitting, 16 FLM X 16 ORM 90		Left side of cooling package
42	800302148	2	Fitting, 12 FLM X 12 PM Long		Bottom of transmission cooler
43	900002815	2	Bolt HHCS 3/8-16 X 1 G5 ZP		
44	420120500	1	Drier A/C		
45	420000109	1	Bracket, Hood Striker		
46	902003200	1	Washer, Flat 3/8 ZP		
47	902201090	1	Washer, Lock 3/8 ZP		
48	900002805	1	Bolt HHCS 3/8-16 X 3/4 G8 ZP		
49	100100607	1	Front Outrigger Brace AS1210		Ties the two front tank mount brackets together
50	490002725	2	Rear Engine Mount Isolator		
51	100100201	1	Engine Bolster		
	100100001	as required	Bolt, Frame 5/8-11 X 2 Salt Bath		Not shown

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Frame • AS1210

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Item	Part Number	Qty	Description	Size	Comments
	100100003	as required	Bolt, Frame 5/8-11 X 2 1/2 Salt Bath		Not shown
	100100004	as required	Nut, Frame 5/8-11 Salt Bath		Not shown
	100100005	as required	Nut, Frame 3/4-10 Salt Bath		Not shown
	100100006	as required	Bolt, Frame 3/4-10 X 2 Salt Bath		Not shown
	100100007	as required	Bolt, Frame 3/4-10 X 2 1/2 Salt Bath		Not shown

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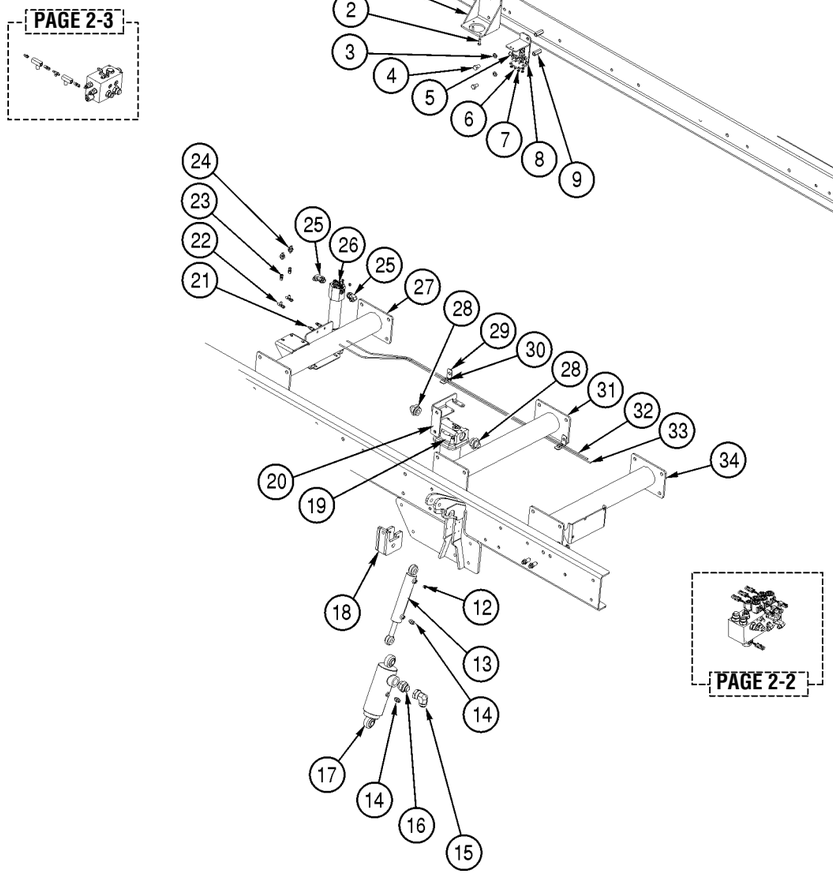
Station 1 Frame • AS1210

Frame Detail



Item	Part Number	Qty	Description	Size	Comments
1	200500100	2	Transmission Support Lower		
2	900008495	16	Bolt HHCS 1/2-13 X 1 1/2 G8 ZP		
3	902201110	2	Washer, Lock 5/8 ZP		
4	900003665	2	Bolt HHCS 5/8-11 X 1 1/2 G8 ZP		
5	400000713	1	Water Valve		
6	901003000	4	Nut Nylock 1/4-20 ZP		
7	902003190	4	Washer Flat 1/4 ZP		
8	190100002	1	Bracket, Pressure Filter/Water Valve		
9	901000562	2	Coupler Nut		Used to mount the filter/valve bracket to frame rail
10	N/A	4	Nut Jam For Bulkhead Fitting		Included with #11
11	800304505	4	Fitting, 8 FLM X 8 FLM BLKHD		Used on rear of frame rails for the suspension
12	800000690	2	Fitting, 6 ORM Plug		Used on small suspension cylinder
13	100106052	2	Rear Suspension Load Cylinder		Seal kit part #100106056
14	800405000	4	Fitting, 8 FLM X 6 ORM		Used on both suspension cylinders
15	800403640	2	Fitting, 20 FLF X 20 FLM 90		Used between ram cylinder and suspension accumulator
16	800302450	2	Fitting, 20 FLM X 24 ORM		Used on the ram suspension cylinder
17	100106059	2	Cylinder Ram Rear 3 1/2		Seal kit part #100106062
18	100109005	1	Bracket, Tracking Rod		
19	840000012	1	Return Line Filter Assembly		
19A	840000060	1	Hydraulic Filter Head		Included with 840000012
19B	840000061	1	O-ring, Hydraulic Filter		Included with 840000012
19C	840000062	1	Hydraulic Filter Can		Included with 840000012
19D	840000013	1	Replacement Filter Element		Included with 840000012
19E	840000063	1	Spring, Hydraulic filter		Included with 840000012
19F	840000064	1	Cap, Hydraulic Filter Spring		Included with 840000012
20	100100603	1	Bracket, Hydraulic Filter		
21	800302206	2	Fitting, 4 FLM X 4 FLLS BLKHD		Fitting used on front cross member for brake lines
22	800302168	2	Fitting, 4 FLM X 4 FLM X 4 FLF		Used on brake pressure switch
23	800302196	2	Fitting, 4 FLF X 4 PF		Used on brake pressure switch
24	700020101	2	Brake Pressure Switch		
25	800302208	2	Fitting, 8 FLM X 12 ORM 90		Used on gear pump pressure filter
26	840000047	1	Gear Pump pressure Filter Assembly		
26A	840000048	1	Filter Replacement Element		Included with 0840000047
26B	840000049	1	O-ring for the Bowl		Included with 0840000047
26C	840000049	1	Backup o-ring for filter		Included with 0840000047
27	100100101	1	Front Cross Member		
28	800302147	2	Fitting, 16 FLM X 24 ORM		Used on hydraulic filter housing
29	190100200	2	Bracket, Brake Line		Mount to secure hard lines to fame rail
30	915002000	2	Clamp. Stauff		Clamps the brake tubes to the brake line brackets
31	100100100	1	Cross Member		
32	825000200	1	Brake Line Tube Right		
33	825000100	1	Brake Line Tube Left		
34	100100102	1	Rear Cross Member		

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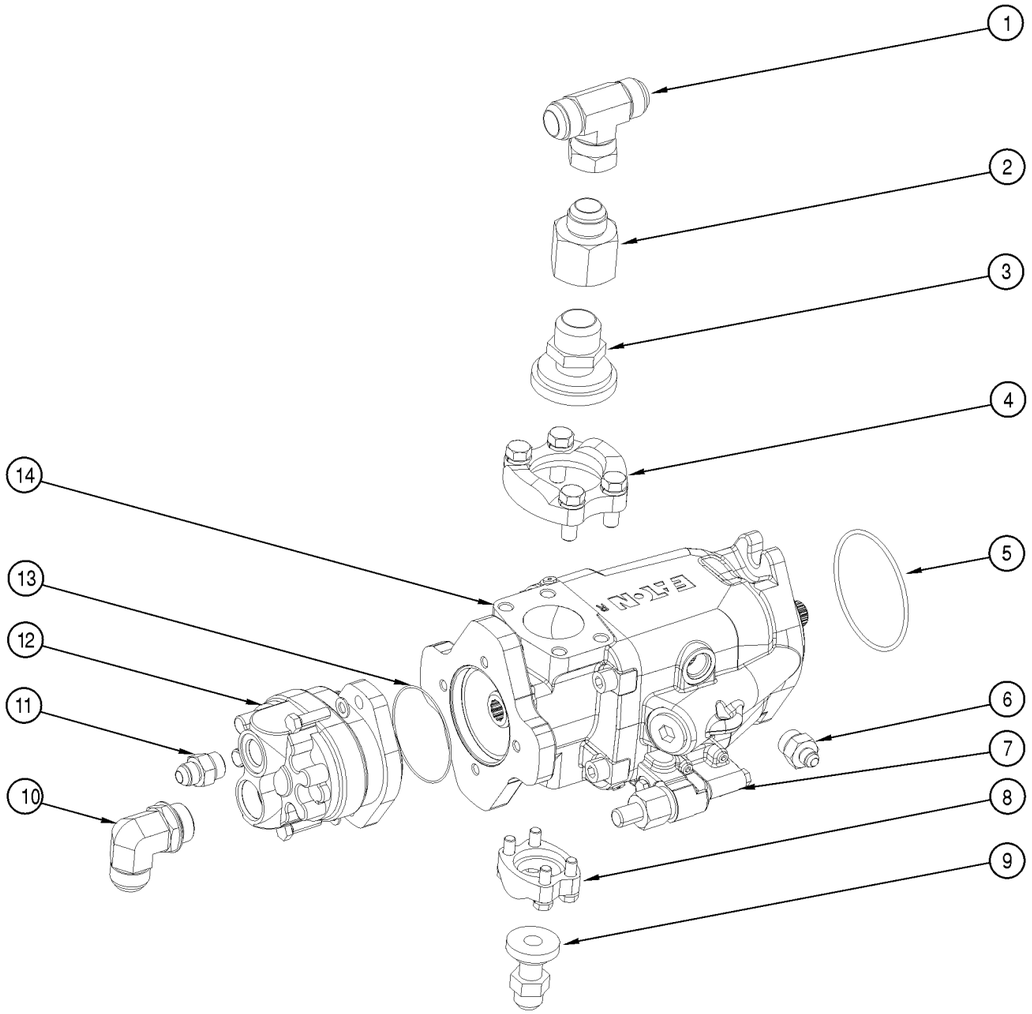
Hydraulics
AS710, AS1010 & AS1210
Hydraulic Pump



Item	Part Number	Qty	Description	Size	Comments
	860000003	1	Pump Assembly Eaton 13 Tooth	420 Ser.	Used on AS710 & AS1210
	860000007	1	Pump Assembly Eaton 15 Tooth	420 Ser.	Used on AS1010 with JCB Transmission Only
1	800302149	1	Fitting, 16 FLM X 16 FLF X 16 FLM		
2	800302454	1	Fitting, 20 FLF X 16 FLM		
3	800460095	1	Fitting, 20 FLM X 32 Code 61		
4	800450050	1	Flange Kit, 2 Inch Code 61		Includes hardware and o-ring
5A	350000315	1	O-ring, Between Pump & Auxiliary Drive		Used on AS710 & AS1010 w/JCB Transmissions
5B	350000316	1	O-ring, Between Pump & Auxiliary Drive		Used on AS1210 Only
6	800302403	1	Fitting, 6 FLM X 10 ORM		
7	860000008	1	Compensator		
8	800450020	1	Flange Kit, 1 Inch Code 61		Includes hardware and o-ring
9A	800302422	1	Fitting, 12 FLM X 16 Code 61		Used on AS710
9B	800302145	1	Fitting, 12 FLM X 16 Code 61 90		Used on AS1010 & AS1210
10	800404265	1	Fitting, 16 ORM X 16 FLM 90		
11	800303032	1	Fitting, 8 FLM X 10 ORM ST		
12	860000002	1	Gear Pump		All models
13	840000065	1	O-ring Between Gear & Piston Pump		All models
14A	860000001	1	Piston Pump, 13 Tooth		Used on AS710 & AS1210
14B	860000006	1	Piston Pump, 15 Tooth		Used on AS1010 with JCB Transmission Only
	800403640	1	Fitting, 20 FLF X 20 FLM 90		Not shown here, used on AS1010 & AS1210 only between #2 & #3, shown on engine assy
	800302181	1	Fitting, 8 FLM X 8 FLF 90		Not shown here, used on AS1010 only, attaches to #10, shown on engine assy

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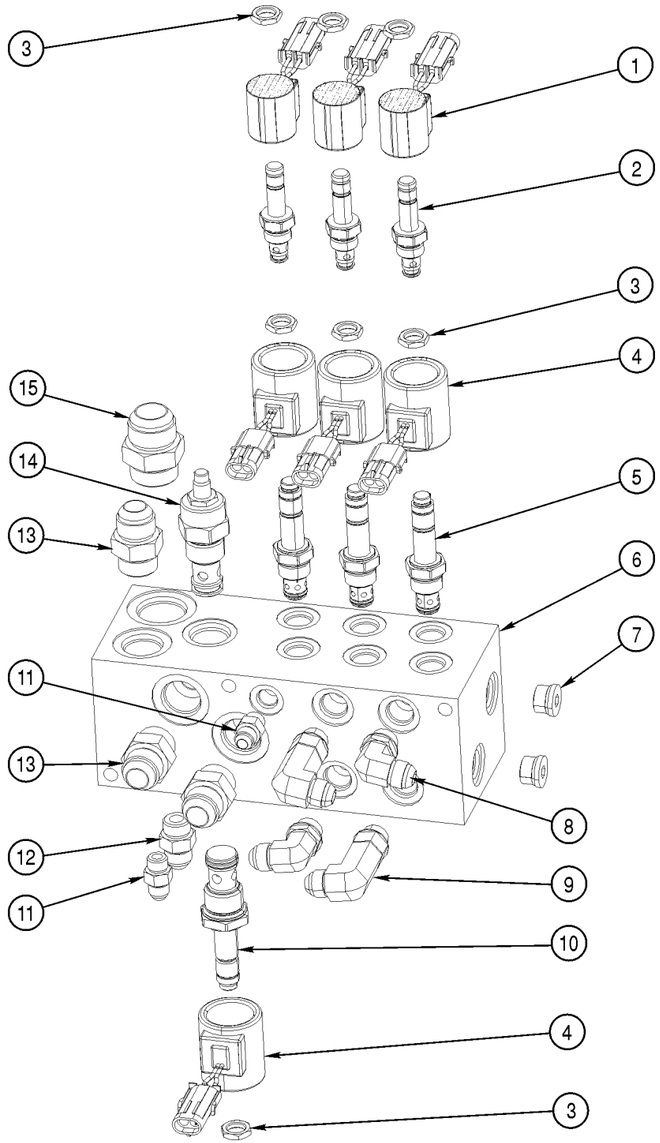
Suspension Manifold • AS710, AS1010 & AS1210

Suspension Manifold



Item	Part Number	Qty	Description	Size	Comments
1	700100135	3	Solenoid coil Hydroforce w/diode	small	This replaces all small hydoforce coils in the past.
2	840000031	3	Cartridge valve		Seal kit #830000001, Torque to 18-20 ft-lbs.
3	840000054	7	Spool valve nut used on all manifolds		Torque to 18 in-lbs.
4	700100136	4	Solenoid coil Hydroforce w/diode	large	This replaces all large hydroforce coils in the past.
5	840000015	3	Cartridge valve		Seal kit #830000007, Torque to 25-27 ft-lbs.
6	840000008	1	Suspension block assembly		Complete w/fittings, coils and valves
7	800000600	2	Plug 5/8 inch o-ring hex		
8	800404230	2	Fitting 8 FLM X 8 ORM 90		
9	800302152	2	Fitting 8 FLM X 8 ORM 90 long		
10	840000014	1	Cartridge valve for Product pump		Seal kit #830000009, Torque to 33-37 ft-lbs.
11	800303022	2	Fitting 6 FLM X 6 ORM ST		6-F50X
12	800302445	1	Fitting 8 FLM X 8 ORM ST		8-F50X
13	800303120	3	Fitting 12 FLM X 12 ORM ST		
14	840000531	1	Cartridge needle valve		Regulates flow to the product pump. Seal kit #830000009, Torque to 33-37 ft-lbs.
15	800302410	1	Fitting 16 FLM X 16 ORM ST		

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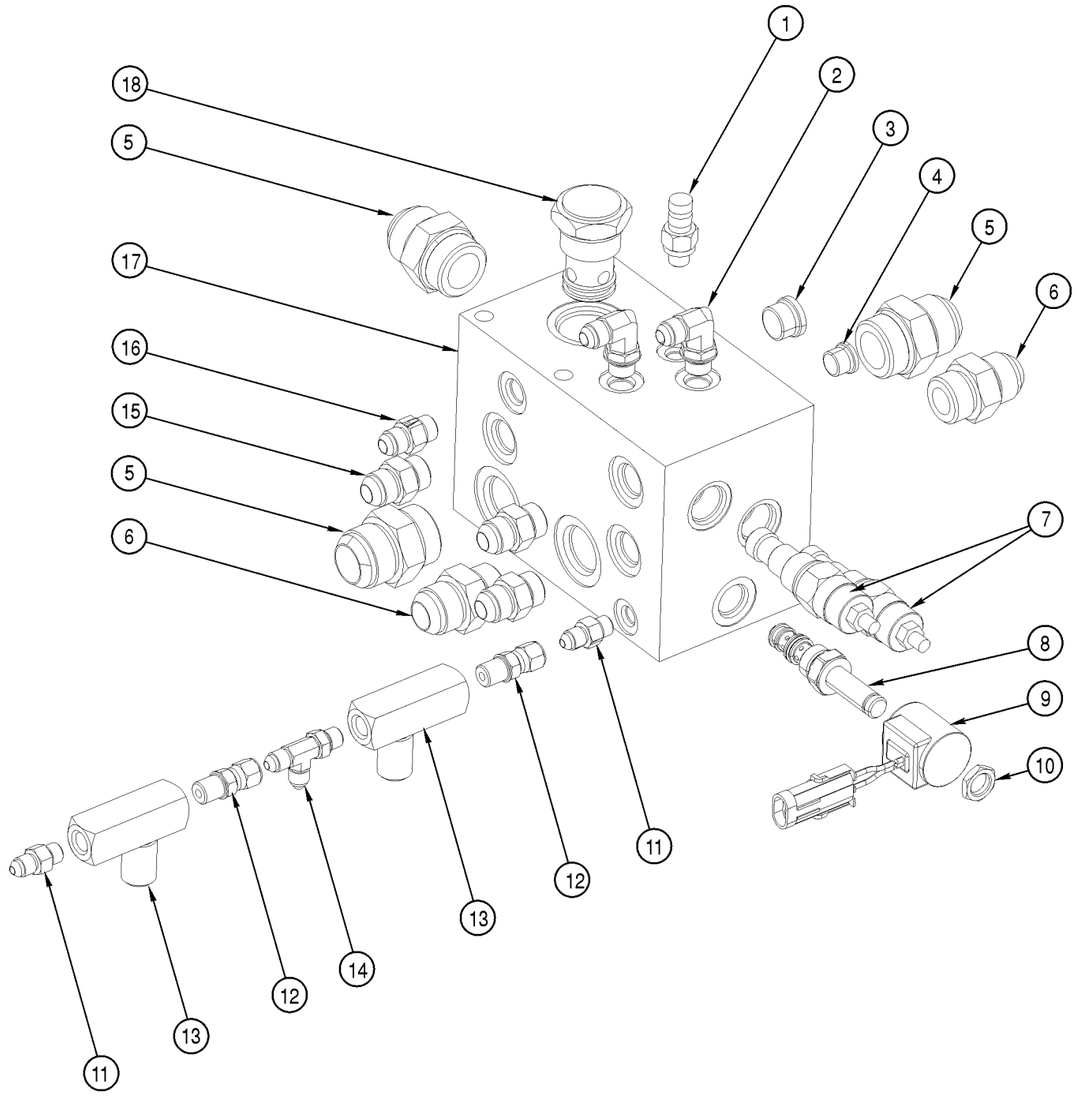

Item	Part Number	Qty	Description	Size	Comments
1	800302146	1	Fitting, QDC Pressure Port	3/8	Pressure should be 2400 psi at this point
2	800404215	2	Fitting, 6 FLM X 6 ORM 90		
3	800000590	1	Plug ST O/R 1/2 Hex		8-HP50N
4	800000690	1	Plug ST O/R 3/8 Hex		6-HP50N
5	800302410	3	Fitting, 16 FLM X 16 ORM		
6	800303120	2	Fitting, 12 FLM X 12 ORM		
7	840000017	2	Steering Counter-balance Valve		Seal kit #830000016
8	800000330	1	Cartridge Valve		For parking brake and ladder, seal kit #830000018
9	700100135	1	Solenoid Coil Hydroforce w/diode		Direct replacement for all small hydroforce coils
10	840000054	1	Nut for Spool Valve		Used on all manifolds, Torque to 18 in-lbs
11	800302185	2	Fitting, 4 FLM X 4 ORM		
12	800302239	2	Fitting, 4 FLF X 4 ORM		
13	800302489	2	Flow Control Valve 1/4in o-ring		Used to adjust ladder and parking brake
14	800302238	1	Fitting, 4 ORM X 4 FLM X 4 FLM		
15	800302445	3	Fitting, 8 FLM X 8 ORM		
16	800302022	1	Fitting, 6 FLM X 6 ORM		
17	840000007	1	Junction Block Assembly		Complete assembly with fittings, valves and coil
18	840000045	1	Check Valve 30 psi		

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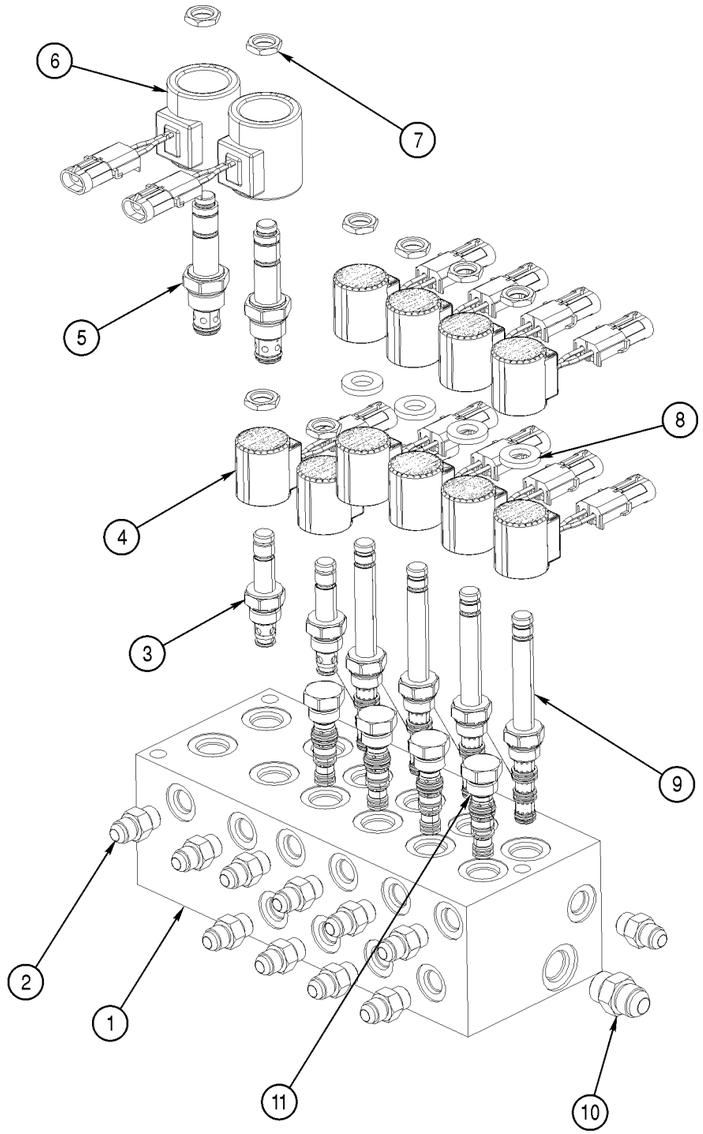
Boom Manifold • AS710, AS1010 & AS1210

Boom Manifold



Item	Part Number	Qty	Description	Size	Comments
1	840000009	1	Boom manifold block		Complete with fittings, spools and coils
2	800303022	11	Fitting, 6 FLM X 6 ORM ST		6-F5OX
3	840000031	2	Cartridge valve		Seal kit part #830000001, Torque to 18-20 ft-lbs.
4	700100135	10	Solenoid coil Hydroforce w/diode	small	This coil is a direct replacement for all small hydroforce
5	840000015	2	Cartridge valve		Seal kit part #830000007
6	700100136	2	Solenoid coil Hydroforce w/diode	large	This coil is a direct replacement for all large hydroforce
7	840000054	8	Nut for spool valves on all manifolds		Torque to 18 in-lbs.
8	830000022	4	Washer, spacer between small coils		
9	800000331	4	Cartridge valve		Seal kit part #830000004, Torque to 18-20 ft-lbs.
10	800302445	1	Fitting, 8 FLM X 8 ORM ST		8-F5OX
11	840000016	4	Check valve		Seal kit part #830000020, Torque to 18-20 ft-lbs.

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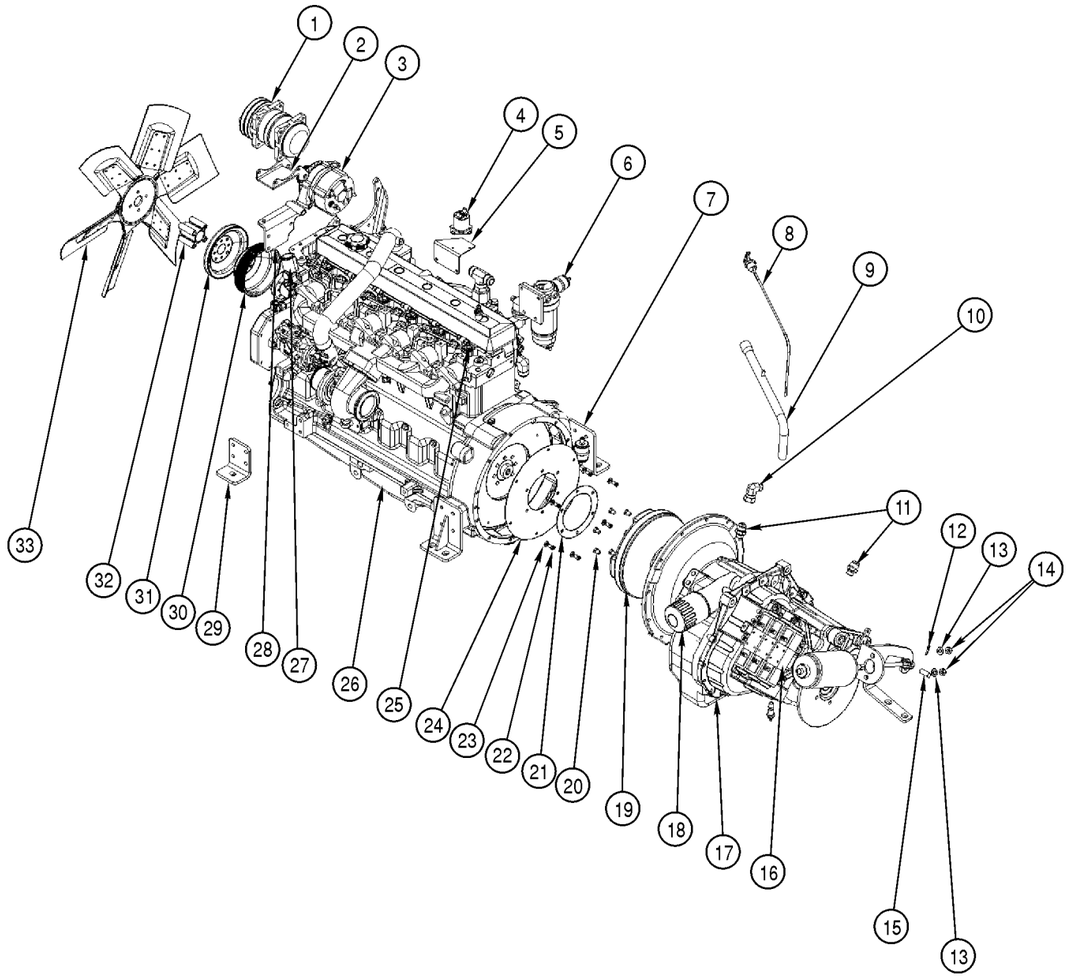
Engine & Transmission
AS710
Left Rear View



Item	Part Number	Qty	Description	Size	Comments
1	420100000	1	Compressor A/C		Used on all models 05' and newer
2	200100005	1	Base, A/C Compressor		
3	201450501	1	Alternator		
4	700100108	1	Solenoid, Deere Grid Heater		
5	290000917	1	Bracket, Solenoid Deere Cold Start		
6	201450290	1	Filter, Fuel In-line		
7	290000909	2	Mount, Engine Rear		Brkt to eng bolt, M12 x 1.75 x 30. Brkt to isolator bolt, 3/4-16 x 5.
8	300000021	1	Dipstick Transmission		
9	300000011	1	Tube Dipstick Transmission		
10	800403625	1	Fitting, 12 FLF X 12 FLM 90		
11	800302453	2	Fitting, 12 FLM X 8 BSPP		
12	N/A	1	Cotter Pin for Pin in Clevis		Included with 350000353
13	901100466	2	Washer, Flat M12		
14	901100167	2	Nut, M12 X 1.75 G10.9		
15	N/A	1	Pin, Clevis for Parking Brake Can		Included with 350000353
16	300500074	1	Spool and Coil Assembly		
17	350000250	1	Transmission Power Shift ITL/JCB		4 Speed, Includes torque converter and filter
18	300000100	1	Filter Transmission		
19	301010000	1	Torque Converter		
20	301010101	6	Bolt, Torque Converter 3/8-24 X 1/2		
21	N/A	1	Ring, Flex plate		Included with #23
22	301010102	6	Bolt, Torque Converter 5/16-24 X 3/4		
23	301010103	6	Washer, Plain Torque Converter		
24	301010100	1	Flex plate Kit, Converter		Includes #21 with hardware
25	201410201	1	Nipple Fuel 1/4 OD 1.5 Long		
26	200100300	1	Oil Pan		Gasket part #200100301, Plug part #200100302
27	200200664	1	Thermostat		
28	200100004	1	Bracket, A/C Compressor Deere		Bolt A/C compressor adjustment 900003285
29	290000908	2	Mount, Engine Front		Brkt to eng bolt, M12 x 1.75 x 30. Brkt to isolator bolt, 3/4-16 x 5.
30	N/A	1	Deere Fan Pulley		Included with engine, call to order
31	N/A	1	Deere Compressor Pulley		Included with engine, call to order
32	200100057	1	Spacer, Fan John Deere 07		'
33	200100052	1	Fan, 26.00 JD		

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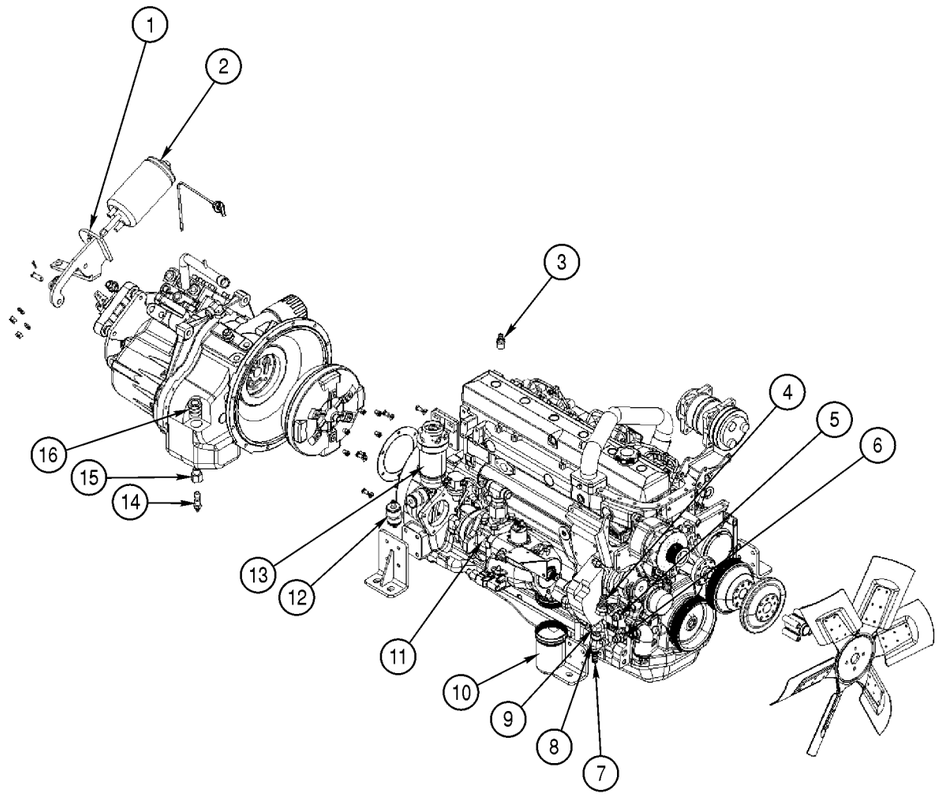
Right Front View



Item	Part Number	Qty	Description	Size	Comments
1	390000512	1	Bracket, Park Brake ITL Transmission		
2	350000351	1	Parking Brake Can		Assy includes clevis, clevis pin, cotter pin, and hardware
3	800302179	1	Fitting, 8 PM X 6 HB		
4	800302165	1	Fitting, 12FLF X 12 HB		
5	800302421	3	Fitting, 18mm ORM X 10 FLM		3rd occurrence not shown, Mounts to oil cooler
6	800302421	3	Fitting, 18mm ORM X 10 FLM		3rd occurrence not shown, Mounts to oil cooler
7	800302426	2	Fitting, 10 HB X 10 FLF		2nd occurrence not shown, Connects to 800302421 at oil cooler
8	800302175	1	Fitting, 10 FLF X 12 FLM 90		
9	800302425	1	Fitting, 10 FLM X 10 FLF 90		
10	201450300	1	Engine Oil Filter		
11	860000003	1	Hydraulic Pump Assembly Eaton 420		Includes gear pump and piston pump
12	201450280	1	Filter, Lube (FF5066) FLTGD		Used on the transmission breather line
13	201450302	1	Engine Fuel Filter		
14	390001200	1	Sending Unit, Transmission Temp.		
15	800302178	1	Fitting, Transmission Temp Sensor		
16	300000012	1	Lock Nut and Seal for Dipstick Tube		
	420130006	1	Belt, A/C Compressor		Not Shown
	201450506	1	Belt, Engine Fan		Not Shown
	200100303	1	Starter		Not Shown
	350000315	1	O-ring Eaton Pump To JD Engine		Not Shown
	700000437	1	Harness, Grid Heater/Alt JD		Not Shown
	700000456	1	Harness, Engine AS710 (07)		Apache Harness, not Deere; Not Shown
	RM800100	9 feet	Fuel Line 1/4 Inch		Not Shown
	RM800325	10 feet	Fuel Line 3/8 Inch		Not Shown
	RM800650	20 feet	Hose Heater		Not Shown
	RM800675	3 feet	Hose 3/4 Heater		Not Shown
	700000441	1	Wire Kit, Deere Starter Relay		Not Shown

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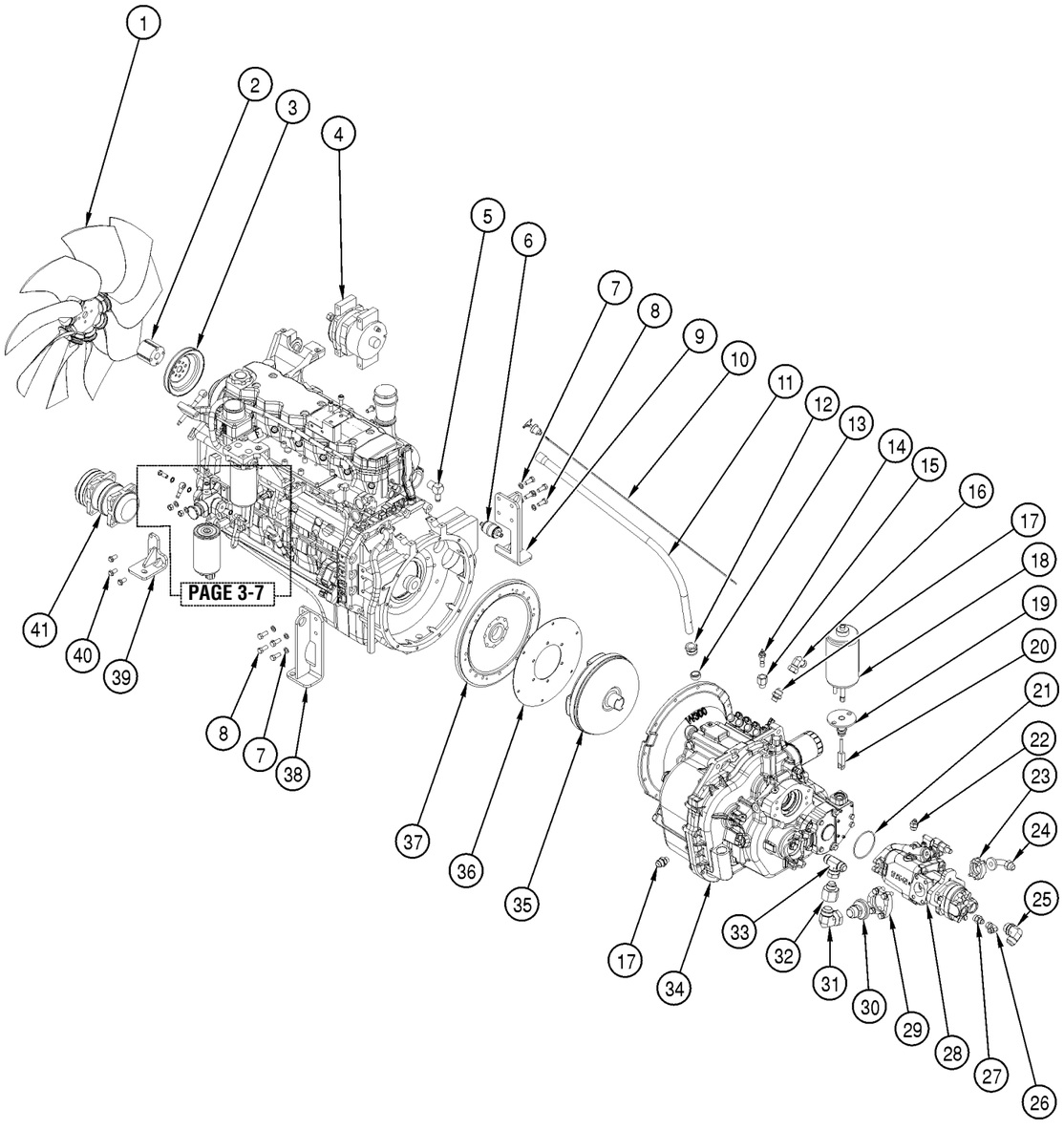
AS1010
Left Rear View



Item	Part Number	Qty	Description	Size	Comments
1	200100054	1	Fan, 28.00 Cummins 215/275		
2	200100020	1	Spacer, Fan		
3	N/A	1	Pulley, A/C compressor		
4	720001011	1	Alternator Cummins 07 Delco 130amp		
5	800302162	1	Fitting, 12 PM X 10 HB 90		
6	201450202	1	Filter, In Line used on Trans Vent.		
7	902003047	8	Washer, Lock M12		
8	900100587	8	Bolt, FLGD HCS M12 X 1.75 X 30		
9	290000921	1	Mount, Cummins Rear Right Hand		
10	300000023	1	Dipstick, Transmission ITL 6 Speed		
11	300000014	1	Tube, Dipstick Trans ITL 6 Speed		
12	300000012	1	Lock Nut and Seal for Dipstick Tube		
13	N/A	1	Included with #15		
14	390001200	1	Sending Unit Transmission Oil Temp		
15	800302204	1	Fitting, ITL 6 Speed Temp Sensor		
16	800403625	1	Fitting, 12 FLF X 12 FLM 90		
17	800302453	2	Fitting, 12 FLM X 8 BSPP		
18	350000351	1	Parking Brake Can Spring Applied		
19	390000514	1	Bracket, Park Brake Can		
20	390000515	1	Clevis, Parking Brake Can		
21	350000315	1	O-ring, Eaton Pump To Engine		
22	800302403	1	Fitting, 6 FLM X 10 ORM		
23	800450020	1	1 Code 61 Flange Kit		
24	800302145	1	Fitting, 12 FLM X 16 Code 61 90		
25	800404265	1	Fitting, 16 FLM X 16 ORM 90		
26	800302181	1	Fitting, 8 FLM X 8 FLF 90		
27	800303032	1	Fitting, 8 FLM X 10 ORM		
28	860000007	1	Pump, Assembly Eaton 420 Series		
29	800450050	1	2 Code 61 Flange Kit		
30	800460095	1	Fitting, 20 FLM X 32 Code 61		
31	800403640	1	Fitting, 20 FLF X 20 FLM 90		
32	800302454	1	Fitting, 20 FLF X 16 FLM		
33	800302149	1	Fitting, 16 FLM X 16 FLF X 16 FLM		
34	350000275	1	Transmission 6 Speed Power shift		ITL/JCB 6 Speed PS760
35	301010011	1	Torque Converter		
36	301010105	1	Flexplate, ITL 6spd 1010		
37	200100078	1	Flywheel		
38	290000922	1	Mount, Cummins Rear Left Hand		
39	290000910	1	Mount, Engine Front Left Hand		
40	900100586	6	Bolt, FLGD HCS M12 X 1.75 X 25		
41	420100000	1	Compressor A/C		Used on all 05 and newer machines
	300000001	1	Pilot Bushing, Converter		Not Shown

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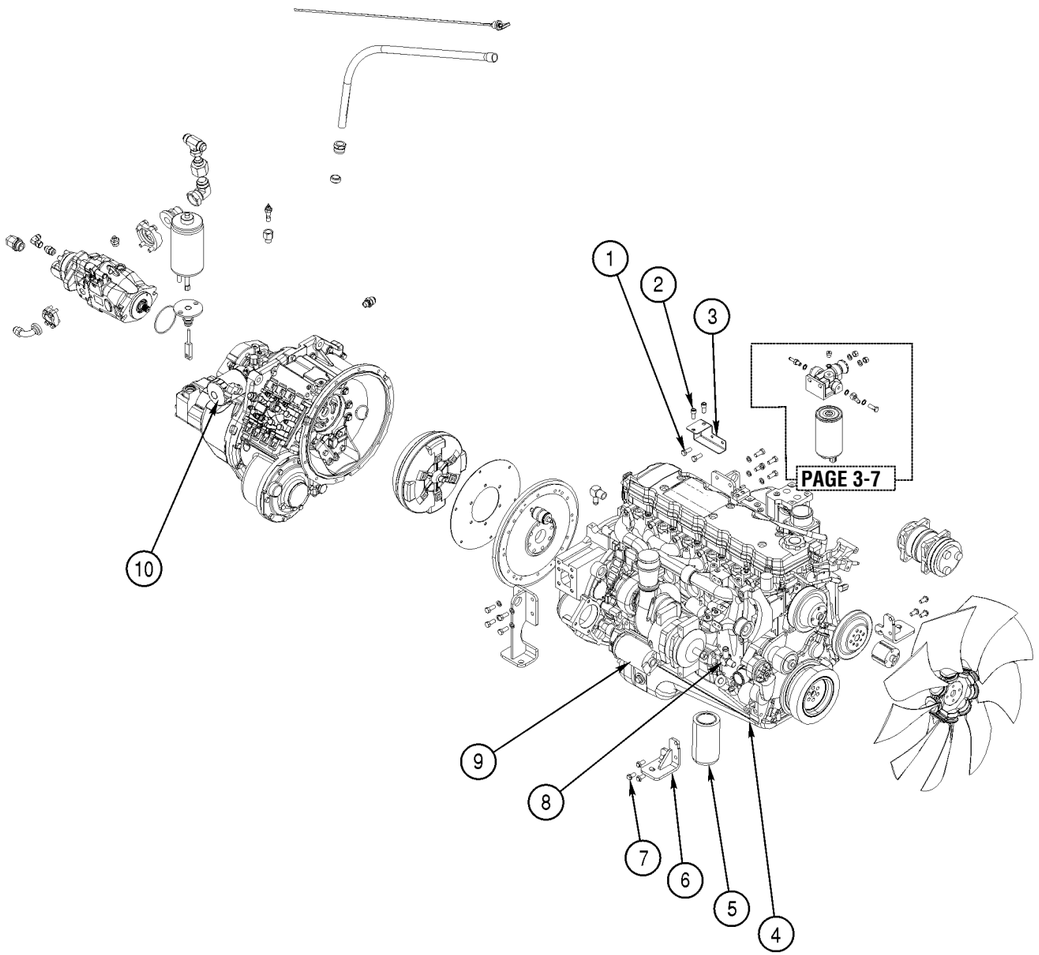
Right Front View



Item	Part Number	Qty	Description	Size	Comments
1	900100585	2	Bolt, HHCS M12 X 1.75 X 30		
2	900102333	2	Bolt, SHCS M12 X 1.75 X 25		
3	290000923	1	Bracket, Fuel Filter Cummins Tier III		
4	ENGCUM215(07)	1	Engine Cummins 215 HP (07)		
5	201450241	1	Filter, Engine Oil		
6	290000913	1	Mount, Engine Front Right Hand		
7	900100586	6	Bolt, FLGD HCS M12 X 1.75 X 25		
8	800302186	1	Fitting, 8 PM X 12 HBM 90		
9	200100106	1	Starter, Tier III Cummins		
10	300000101	1	Filter, Transmission		
	200100033	1	Belt, Engine Fan		Not Shown
	420130007	1	Belt, A/C Compressor		Not Shown
	700000450	1	Harness, Engine (07)		Not Shown
	RM800325	8 feet	Fuel Line 3/8 Inch		Not Shown
	RM800500	6 feet	Fuel Line 1/2 Inch		Not Shown
	RM800650	21 feet	Hose Heater		Not Shown
	RM800675	3 feet	Hose 3/4 Heater		Not Shown
	700000455	1	Harness, Cummins Cold Start (07)		Not Shown

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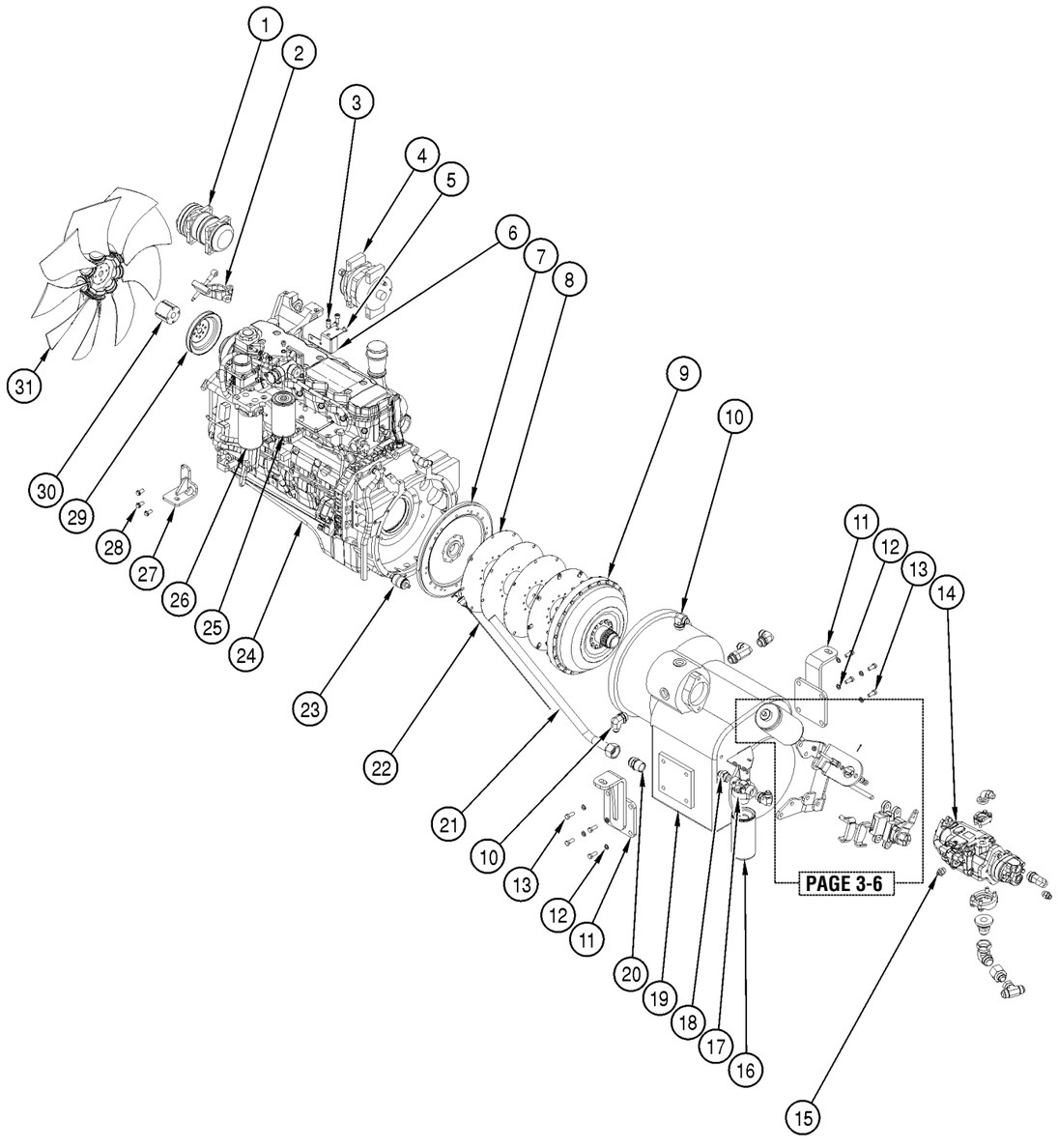
AS1210
Left Rear View



Item	Part Number	Qty	Description	Size	Comments
1	420100000	1	Compressor A/C		
2	201450238	1	Bracket, A/C Compressor Support		
3	900102333	2	Bolt, SHCS M12 X 1.75 X 25		
4	720001011	1	Alternator Cummins Delco 130 AMP		
5	900100585	2	Bolt, HHCS M12 X 1.75 X 30		
6	290000923	1	Bracket, Fuel Filter Cummins Tier III		
7	200100079	1	Flywheel, Cummins 275 HP Tier III		
8	300400148	1	Flex Plate Assy Funk Transmission		
9	300100147	1	Torque Converter, Funk Transmission		
10	800404254	3	Fitting, 12 FLF X 16 ORM 90		
11	290000914	2	Mount, Rear Transmission Funk		
12	902003047	8	Washer, Lock M12		
13	900100585	8	Bolt, HHCS M12 X 1.75 X 30		
14	860000003	1	Pump, Assy Eaton 420 Series		
15	800302403	1	Fitting, 6 FLM X 10 ORM		
16	300100110	1	Filter, Transmission Funk		
17	300100111	1	Filter Housing Funk Transmission		
18	800303060	1	Fitting, 12 FLM X 16 ORM		
19	350000311	1	Transmission, Funk		
20	800302416	1	Fitting, 20 FLM X 20 PM ST		
21	300000010	1	Tube, Dipstick Funk		
22	300000022	1	Dipstick Transmission Funk		
23	201450202	1	Filter, Fuel In-line 1/2 Inch		Used to vent the transmission
24	ENGCUM275(07)	1	Engine Cummins QSB 6.7 Tier III		
25	201450242	1	Fuel Filter Primary		
26	201450243	1	Fuel Filter Secondary		
27	290000910	1	Mount, Engine Front Left Hand		
28	900100586	6	Bolt, FLGD HCS M12 X 1.75 X 25		
29	N/A	1	Pulley, A/C Compressor		
30	200100020	1	Fan Spacer		
31	200100054	1	Fan, 28 Inch Cummins Tier III 215/275		

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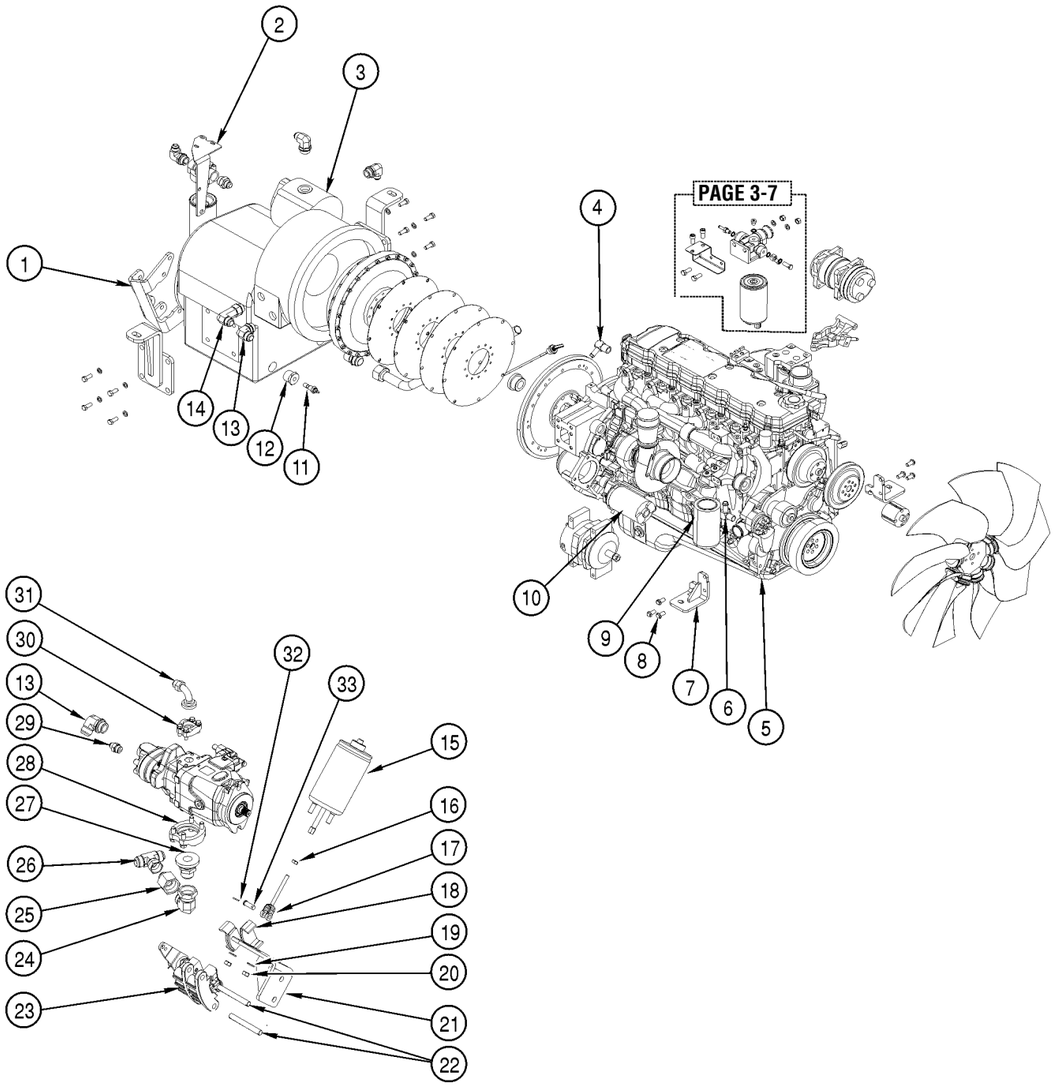
Right Front View



Item	Part Number	Qty	Description	Size	Comments
1	N/A	1	Bracket, Brake Caliper Assy		Included with #23
2	390000511	1	Bracket, Transmission Filter		
3	350000311	1	Transmission, Funk		
4	800302162	1	Fitting, 12 PM X 10 HBM 90		
5	ENGCUM(07)	1	Engine Cummins QSB 6.7 Tier III		
6	800302186	1	Fitting, 8 PM X 12 HB		
7	290000913	1	Mount, Engine Front Right Hand		
8	900100586	6	Bolt, FLGD HCS M12 X 1.75 X 25		
9	201450241	1	Filter, Engine Oil		
10	200100106	1	Starter, Cummins Tier III		
11	390001200	1	Sending Unit, Transmission Temp		Temperature sending unit is a 230 Degree sensor
12	800302187	1	Fitting, 20 PM X 6 PF Bushing		
13	800404265	2	Fitting, 16 FLM X 16 ORM 90		
14	800302419	1	Fitting, 16 FLM X 16 ORM 90 EXT		
15	350000351	1	Parking Brake Can		Spring applied
16	901100460	1	Nut, Jam M10 X 1.50		
17	350000353	1	Clevis, Adjuster for Park Brake Can		Includes Pin & Cotter Pin, Not used on ITL 6 SPD
18	301300062	2	Brake Pad, Funk		Included with #23 Assy, Takes two per Machine
19	902003047	2	Washer, Lock M12		
20	901100466	2	Nut, M12 X 1.75		
21	390000513	1	Bracket, Park Brake Can Funk		
22	300400354	2	Pin, Caliper Funk		Included with #23
23	300400346	1	Caliper Assy Funk		Includes caliper bracket, pins, and linkage arm
24	800403640	1	Fitting, 20 FLF X 20 FLM 90		
25	800302454	1	Fitting, 20 FLF X 16 FLM		
26	800302149	1	Fitting, 16 FLM X 16 FLF X 16 FLM		
27	800460095	1	Fitting, 20 FLM X 32 Code 61		
28	800450050	1	Flange Kit Split 2 Code 61		
29	800303032	1	Fitting, 8 FLM X 10 ORM		
30	800450020	1	Flange Kit Split 1 Code 61		
31	800302145	1	Fitting, 12 FLM X 16 Code 61 90		
32	N/A	1	Cotter Pin		Included with #17
33	N/A	1	Pin, Adjuster Clevis Brake Can		Included with #17
	700000455	1	Harness, Cummins Cold Start (07)		Not Shown
	700000450	1	Harness, Engine Cummins (07)		Not Shown
	420130007	1	Belt, A/C Cummins (07)		Not Shown
	200100033	1	Belt, Engine Fan 6.7 LT Tier III		Not Shown
	RM800675	3 feet	Hose 3/4 Heater		Not Shown
	RM800325	8 feet	Fuel Line 3/8 Inch		Not Shown
	RM800500	6 feet	Fuel Line 1/2 Inch		Not Shown
	RM800650	21 feet	Hose Heater		Not Shown

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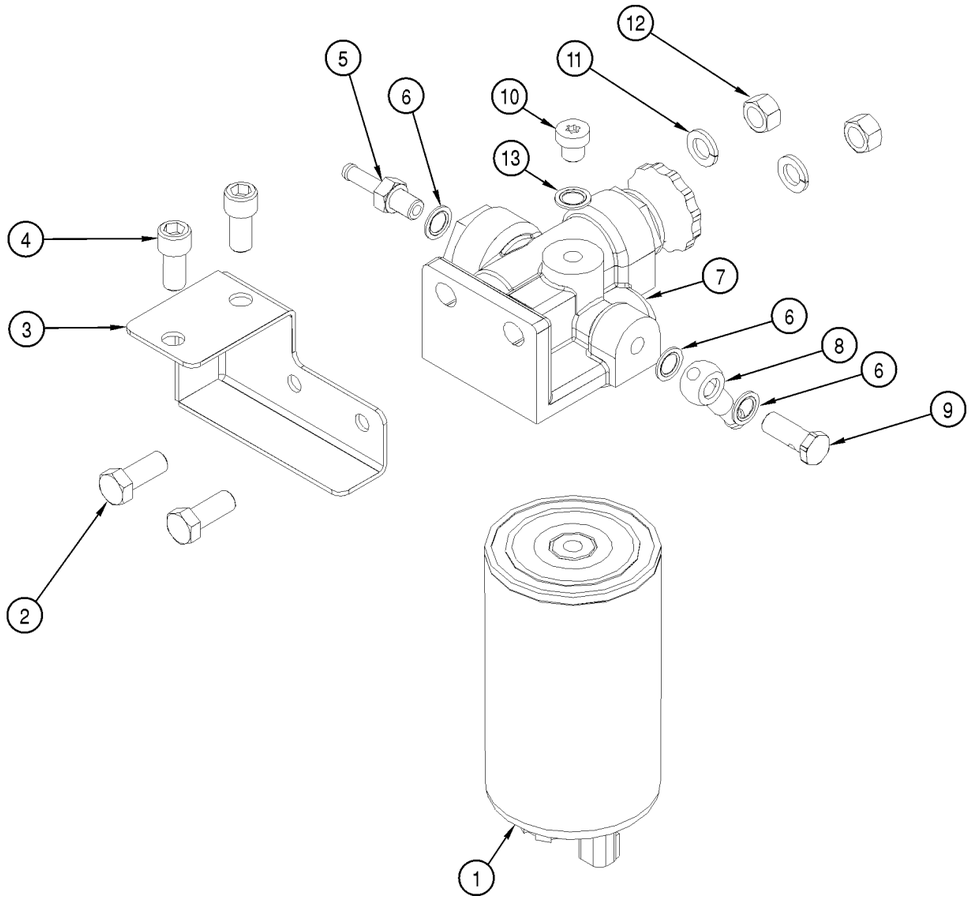
Cummins Fuel Filter



Item	Part Number	Qty	Description	Size	Comments
1	201450242	1	Fuel Filter Cummins Tier III		
2	900100585	2	Bolt, HHCS M12 X 1.75 X 30		
3	290000923	1	Bracket, Fuel Filter Cummins		
4	900102333	2	Bolt, SHCS M12 X 1.75 X 25		
5	290000927	1	Fitting, Hose Barb Inlet Fuel Housing		
6	290000929	3	Seal, Washer O-ring Fuel Housing		
7	290000924	1	Housing, Cummins Fuel Filter		
8	290000925	1	Fitting, Banjo Outlet Fuel Housing		
9	290000926	1	Fitting, Banjo Bolt on Fuel Housing		
10	290000928	1	Fitting, Plug Secondary Fuel Outlet		
11	902003047	2	Washer, Lock M12		
12	901100466	2	Nut, M12 X 1.75 Grade 10.9		
13	290000930	1	Seal, Washer O-ring Fuel Housing		

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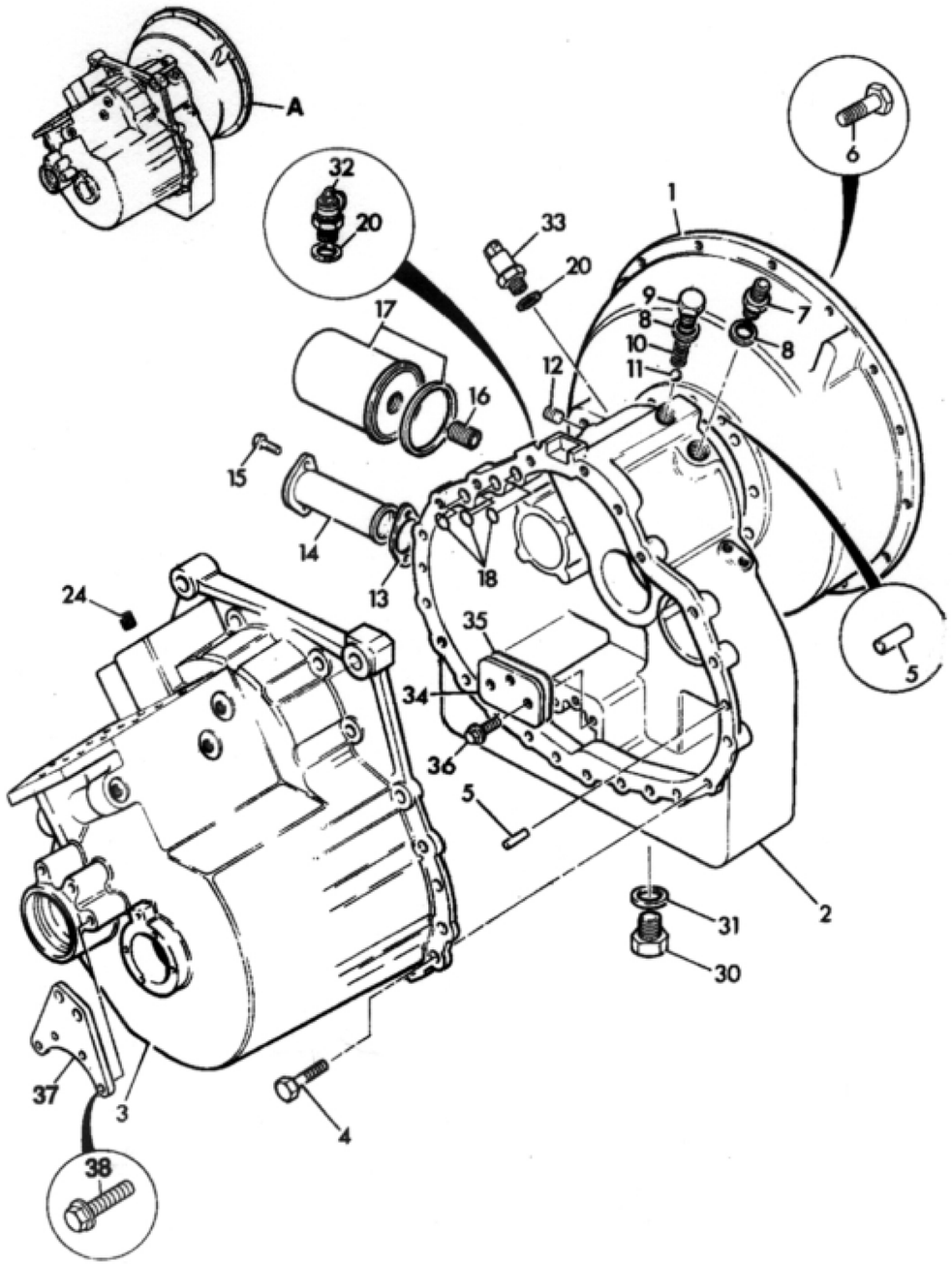
Transmission & Drivetrain
AS710 (PowerShift 750 4 Speed Transmission)
Assembly



Item	Part Number	Qty	Description	Size	Comments
A	350000250	1	Transmission, Assembly, PS750		
1	300500001	1	Housing, Flywheel		
2	300500002	1	Casing, Front, PS750		
3	300500003	1	Casing, Rear, PS750		
4	300000391	19	Casing Joint Bolt		
5	300000310	2	Dowel		
6	300500006	11	Screw, M10 X 35		
7	300000060	1	Adapter, 5/8 X 1/2 M/M		
8	300000055	2	Seal, Bonded, 1/2 BSP		
9	300000480	1	Plug		Used on the relief valve in this view
10	300000445	1	Spring, Relief Valve		
11	300000585	1	Bearing, 14dia Ball, Relief Valve		
12	300500012	8	Plug, 3/8 Tapered		
13	300000430	1	Gasket, Suction Strainer		
14	300000095	1	Strainer, Suction		
15	300000392	2	Bolt, Suction Strainer M8 X 16		
16	300000103	1	Adapter, 1/2BSP X 1UNF		
17	300000100	1	Filter, Oil, Transmission		
18	300500018	3	O-ring		
20	300500019	2	Washer, Seal		
24	300000485	7	Plug, 1/8 Tapered		
30	300500022	1	Plug, Drain		
31	300500023	1	Washer, Seal		
32	300500024	1	Connector, Pressure Test		
33	300500025	1	Switch, Oil Pressure, 3/8 BSP		
34	300500026	1	Plate, Baffle		
35	300500027	1	Gasket, Baffle Plate		
36	300500028	1	Screw, Micro-encapsulated		
37	300500029	1	Adapter		
38	300000406	8	Bolt, M12 X 25		

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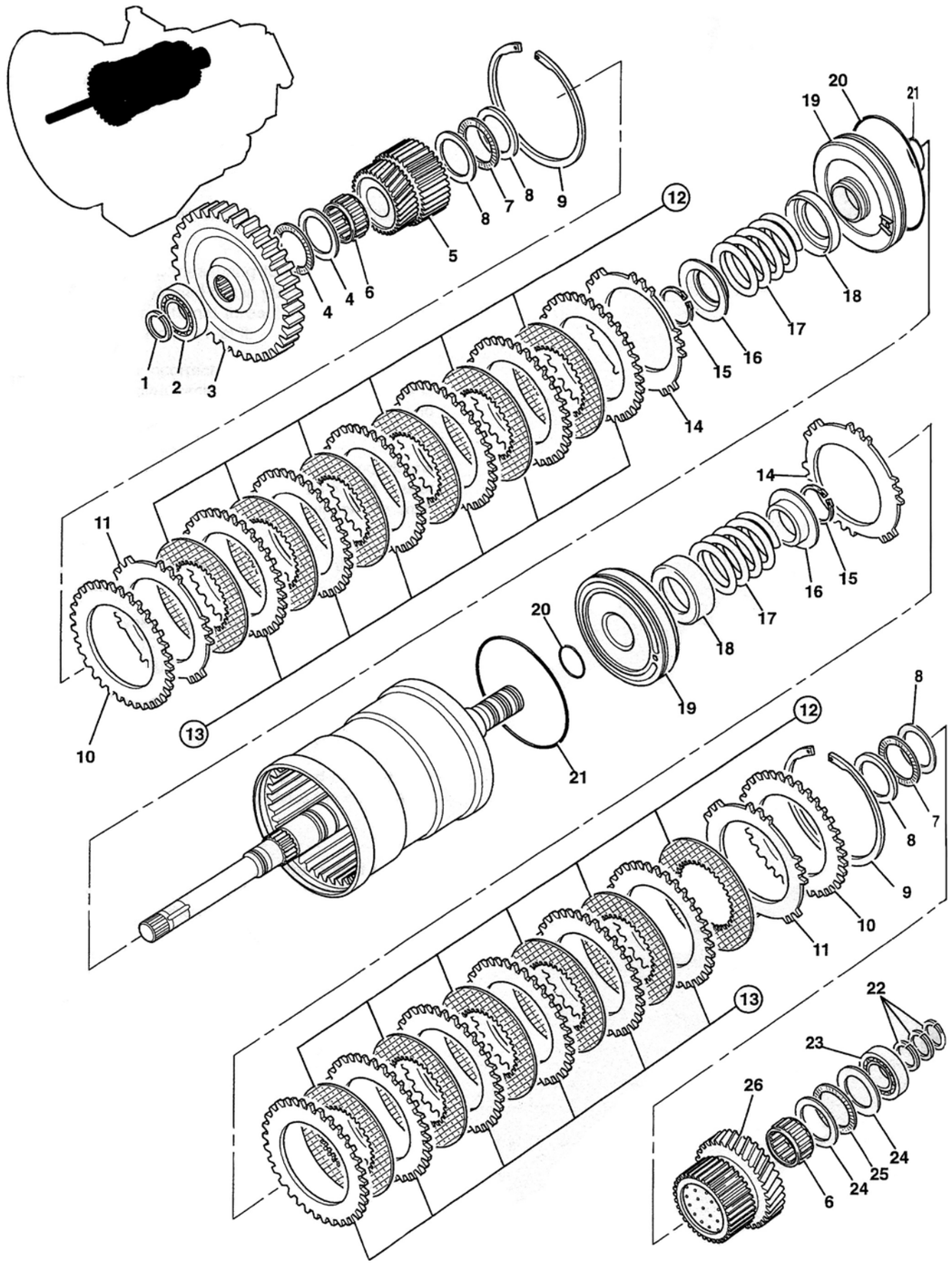
Input Clutch



Item	Part Number	Qty	Description	Size	Comments
1	300000245	2	Washer, Thrust		
2	300000643	1	Bearing, Taper Roll, 35 X 65 X 18		
3	300500081	1	Gear, 48 T		
4	300500031	2	Bearing, Thrust		
5	300500034	1	Housing, Plate Carrier, 22T and 45T		
6	300000605	2	Bearing		
7	300500031	4	Bearing, Thrust		
8	300500032	4	Washer, Thrust		
9	300000085	2	Circlip		
10	300000270	2	Shim Plate		
11	300500082	2	Plate, Pressure 6.5MM Thick		
12	300500021	12	Friction Plate		
13	300500030	12	Counter Plate		
14	300500014	2	Disc, Spring, Splined		
15	300500013	2	Circlip		
16	300500011	2	Retaining Spring		
17	300500010	2	Spring		
18	300500009	2	Baffle, Oil		
19	300500007	2	Piston Assembly		
20	300500008	2	O Ring		
21	300000535	2	O Ring		
22	300500040	1	Shim Kit		
23	300000575	1	Bearing, 35 X 65 X 18		
24	300000110	2	Washer, Thrust		
25	300500031	1	Bearing, Thrust		
26	300500033	1	Housing, Plate Carrier, 31T and 45T		

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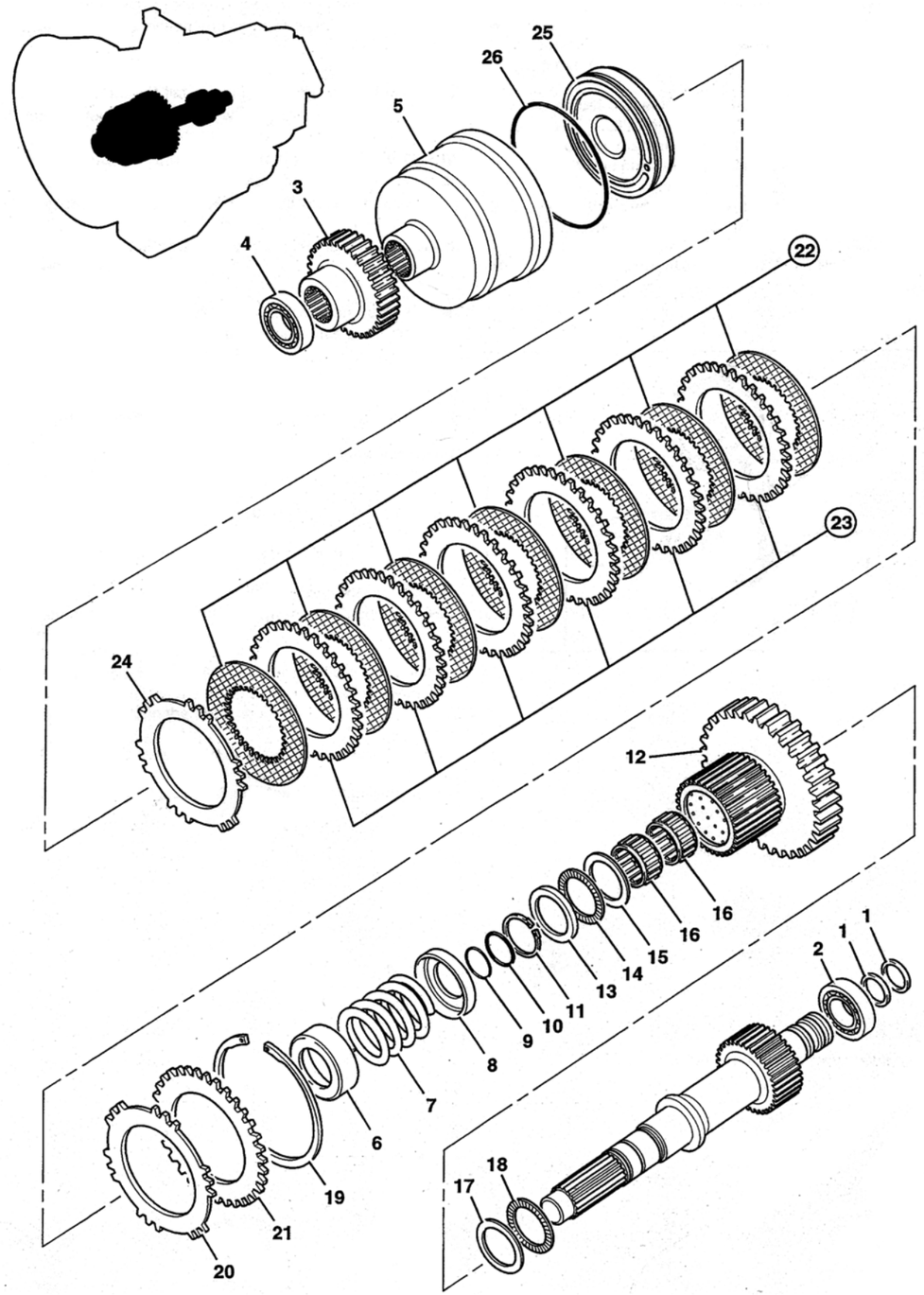
Transmission & Drivetrain • AS710 (PowerShift 750 4-Speed)

Layshaft Clutch



Item	Part Number	Qty	Description	Size	Comments
1	300000545	2	Seal Ring		
2	300500058	1	Bearing, 35 X 73 X 24		
3	300000140	1	Gear		
4	300500068	1	Bearing, 35 X 73 X 24		
5	300500067	1	Layshaft Clutch Housing		
6	300000255	1	Baffle, Oil		
7	300000460	1	Spring		
8	300000250	1	Spring Retainer		
9	300500066	1	O Ring		
10	300000535	1	O Ring		
11	300500013	1	Circlip		
12	300500062	1	Gear 40T		
13	300500064	1	Washer		
14	300500060	1	Bearing, Needle 70 X 50 X 3		AXK 5070
15	300500061	1	Washer, Thrust, 50 X 70 X 1		
16	300500063	2	Bearing, Needle Roller		
17	300500061	1	Washer, Thrust, 50 X 70 X 1		
18	300500060	1	Bearing, Needle 70 X 50 X 3		AXK 5070
19	300000085	1	Circlip		
20	300500082	1	Pressure Plate 6.5 MM Thick		
21	300000270	as required	Shim Plate		
22	300500021	7	Friction Plate		
23	300500030	6	Counter Plate		
24	300500065	1	Pressure Plate 4MM Thick		
25	300500048	1	Piston Assembly		
26	300500008	1	O Ring		

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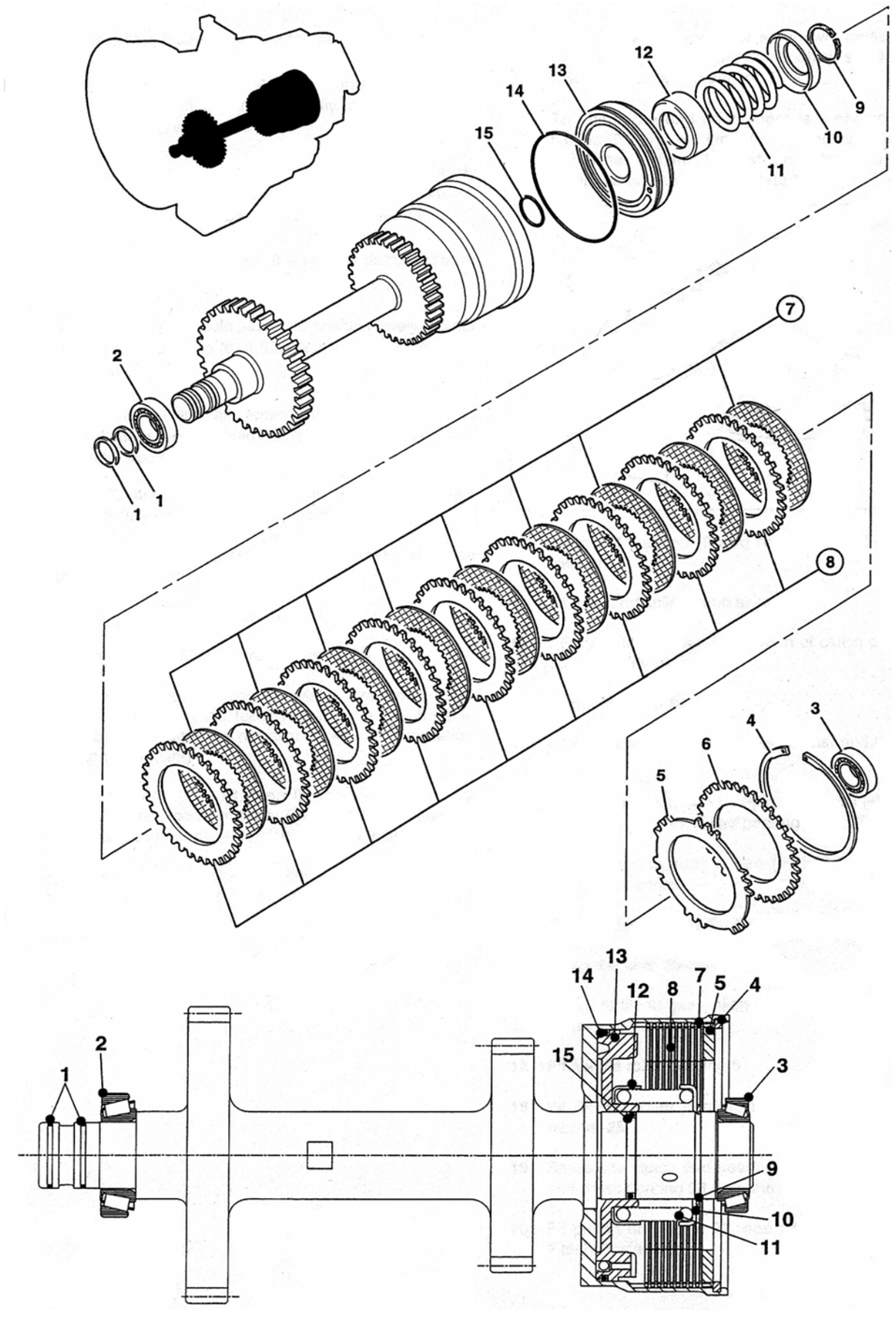
Mainshaft Clutch



Item	Part Number	Qty	Description	Size	Comments
1	300000545	2	Seal, Ring		
2	300000575	1	Bearing, 35 X 65 X 18		
3	300500050	1	Bearing		
4	300000085	1	Circlip		
5	300500015	1	Pressure Plate	6.0 MM	
5A	300500016	1	Pressure Plate	6.5 MM	
6	300000270	as required	Shim Plate, Toothed		
7	300000170	9	Friction Plate		
8	300500030	9	Counter Plate		
9	300000500	1	Circlip		
10	300000250	1	Retainer, Spring		
11	300000460	1	Spring		
12	300000255	1	Baffle, Oil		
13	300500048	1	Piston Assembly		
14	300500008	1	O Ring		
15	300000535	1	O Ring		
	300500047	1	Complete Main Shaft Clutch Assy		

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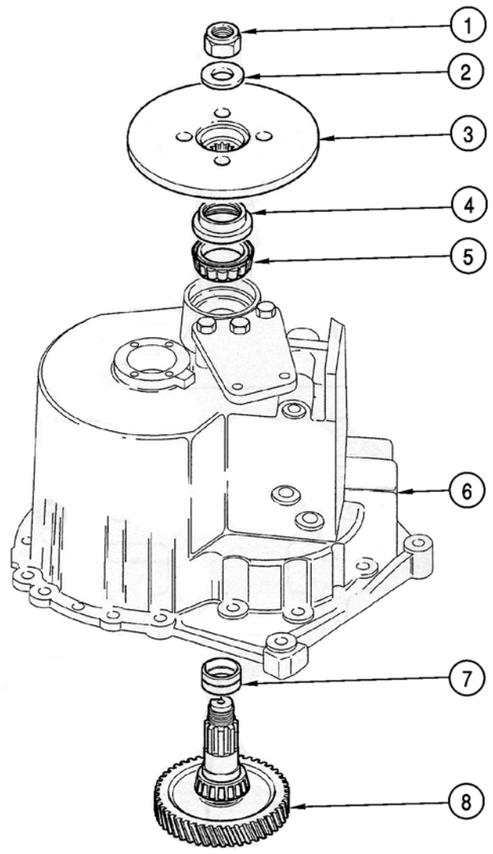
Transfer Gear to Brake Disc



Item	Part Number	Qty	Description	Size	Comments
1	301200215	1	Nut, Stake M30 with Washer		”
2	N/A	1	Washer		Included with #1
3	300500042	1	Flange, Brake Disc		”
4	300000504	1	Seal, Main shaft		”
5	300500043	1	Bearing, Transfer Gear		”
6	300500003	1	Case, Rear		”
7	301200190	1	Spacer Kit, Collapsible		”
8	300500046	1	Gear, Transfer, 45 Tooth		”

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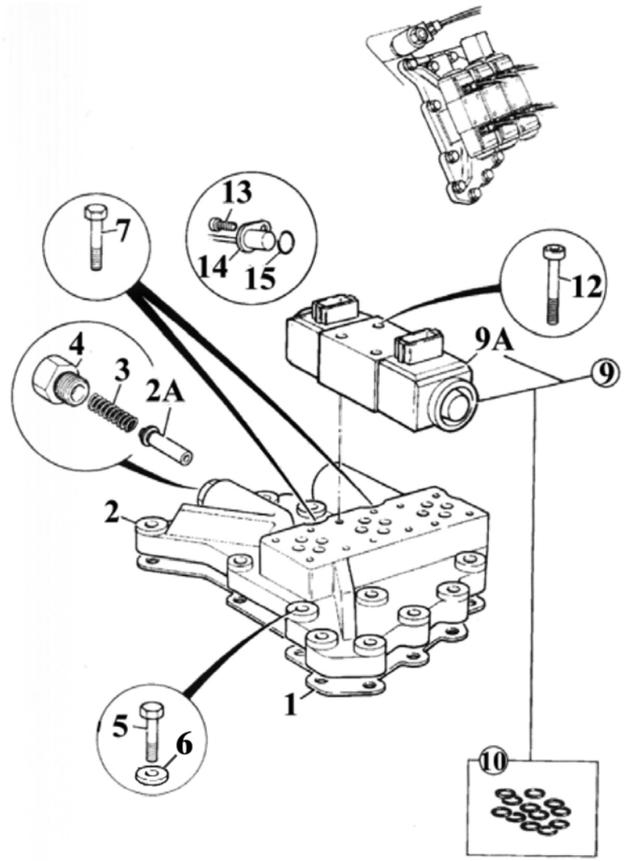
Valve Block



Item	Part Number	Qty	Description	Size	Comments
1	301300001	1	Gasket, Shift Solenoid Manifold Block		
2	300500070	1	Manifold Block, Adapter		
2A	300500071	1	Spool, Adapter Solenoid		
3	300000450	1	Spring, Spool Adapter		
4	300000220	1	Plug, Adapter Spool		
5	300500072	14	Bolt, M8		
6	300500073	16	Washer, Flat M8		Not Shown
7	300500039	2	Bolt, M8 X 45		
8	Delete		Not Shown		
9	300000000	3	Valve, Solenoid		This includes both coils, spools, and block
9A	300000005	6	Coil		
10	300000105	1	Kit, Seal Solenoid Valve		
11	Delete				
12	300000394	12	Capscrew, Valve Block		
13	301400202	1	Capscrew, M6 X 10MM X 12.9		
14	301400200	1	Sensor, Speed		
15	301400203	1	O Ring, 5MM Dia. Speed Sensor		

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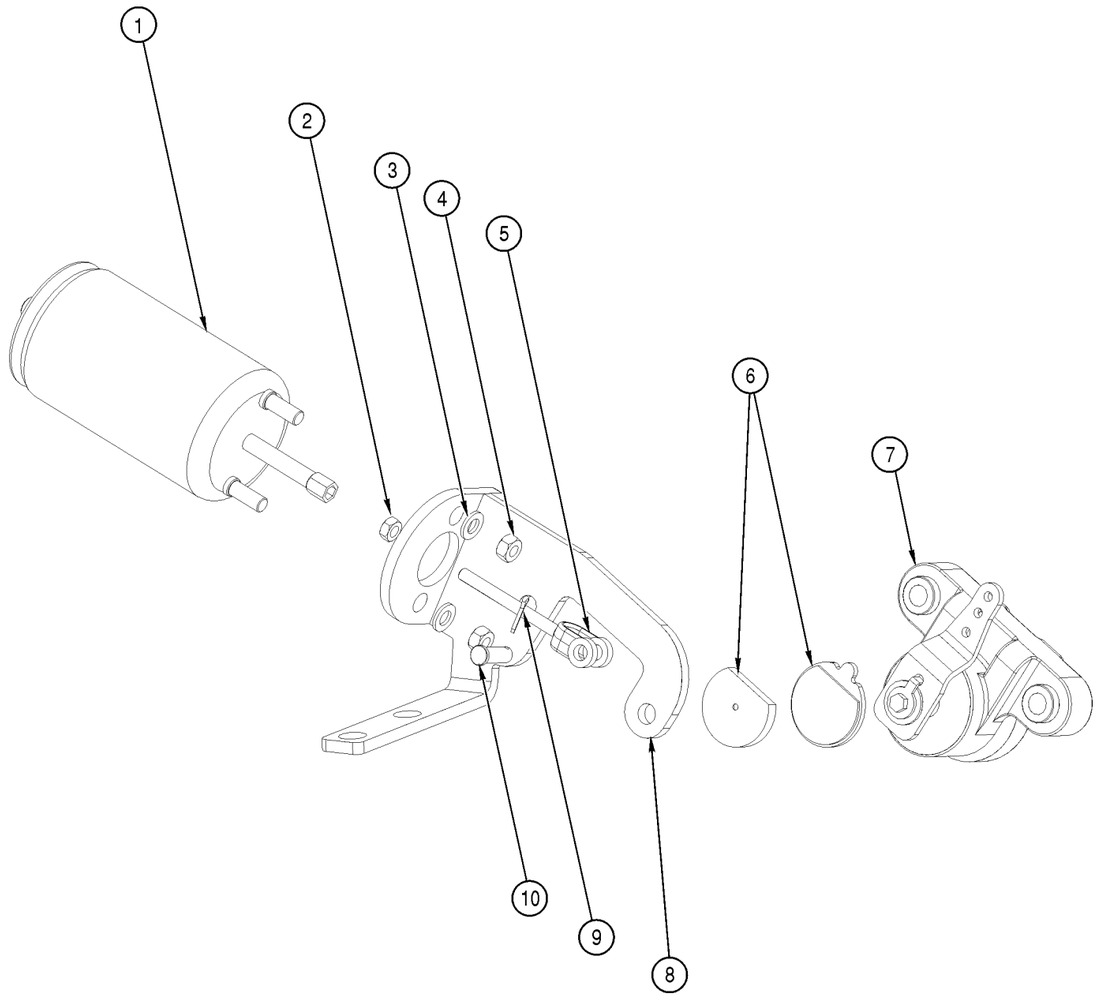
Parking Brake Assembly



Item	Part Number	Qty	Description	Size	Comments
1	350000351	1	Parking Brake Can		Spring applied
2	901100460	1	Nut, Jam M10 X 1.50		
3	902003047	2	Washer, Lock M12		
4	901100466	2	Nut, M12 X 1.75		
5	350000353	1	Clevis, Adjuster for Park Brake Can		Includes Pin & Cotter Pin, Not used on ITL 6 SPD
6	301300061	1	Brake Pad Kit, JCB Round		Rectangle Pad Kit For JCB #301300063
7	301300064	1	Brake Caliper Assembly		Includes Caliper, pads and bracket to transmission
8	390000512	1	Bracket, Park brake can 4-speed		
9	N/A	1	Cotter Pin		Included with #5
10	N/A	1	Pin, Adjuster Clevis Brake Can		Included with #5

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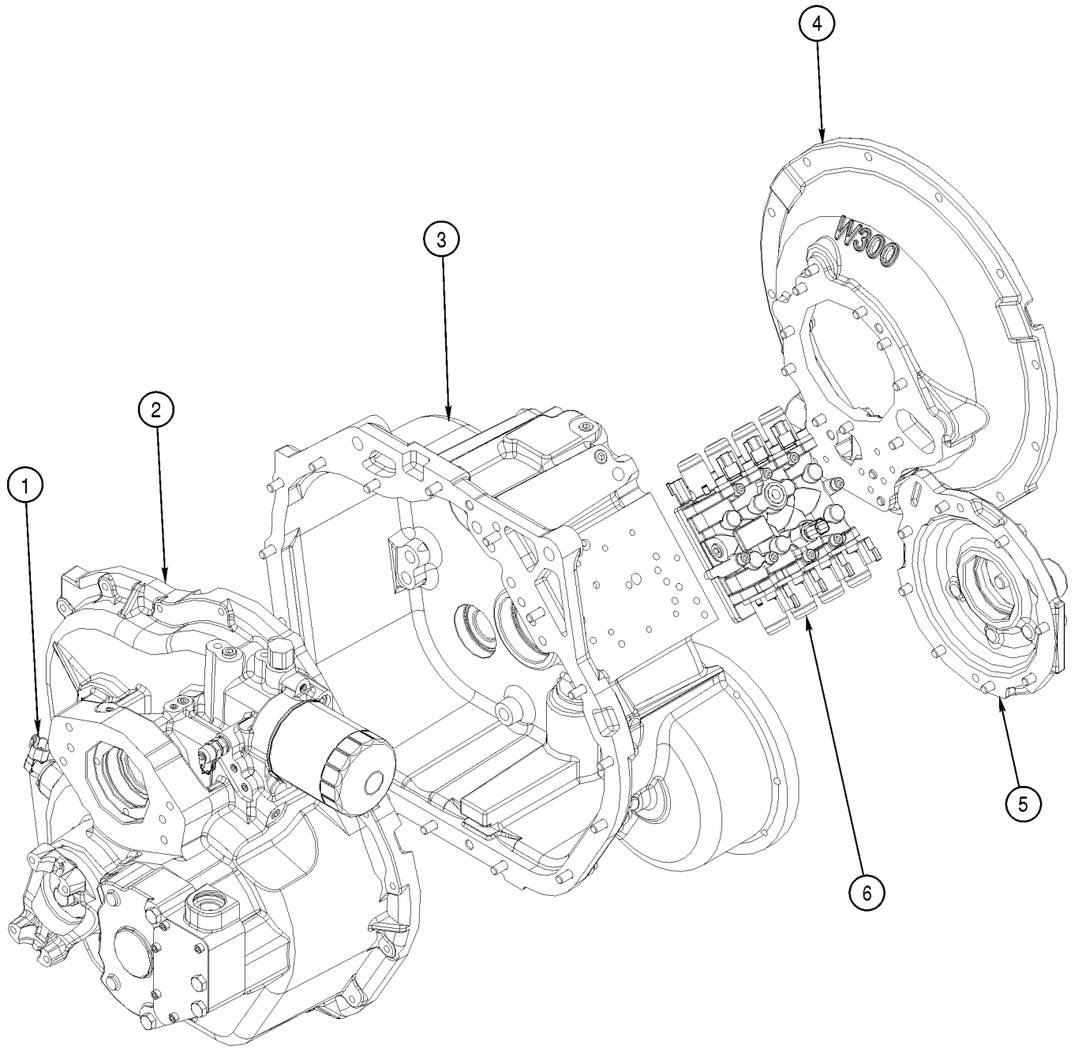
AS1010 (PowerShift 760 6-Speed Transmission)
Assembly



Item	Part Number	Qty	Description	Size	Comments
1	350000271	1	Speed Sensor PS760		
2	300000735	1	Casing, Rear JCB PS760 6 Spd		
3	300000734	1	Casing, Front JCB PS760 6 Spd		
4	300000736	1	Housing, Flywheel PS760		
5	300000733	1	Cover Plate 4 Wheel Drive Clutch		
6	300000737	1	Valve Assembly PS760 6 Speed		

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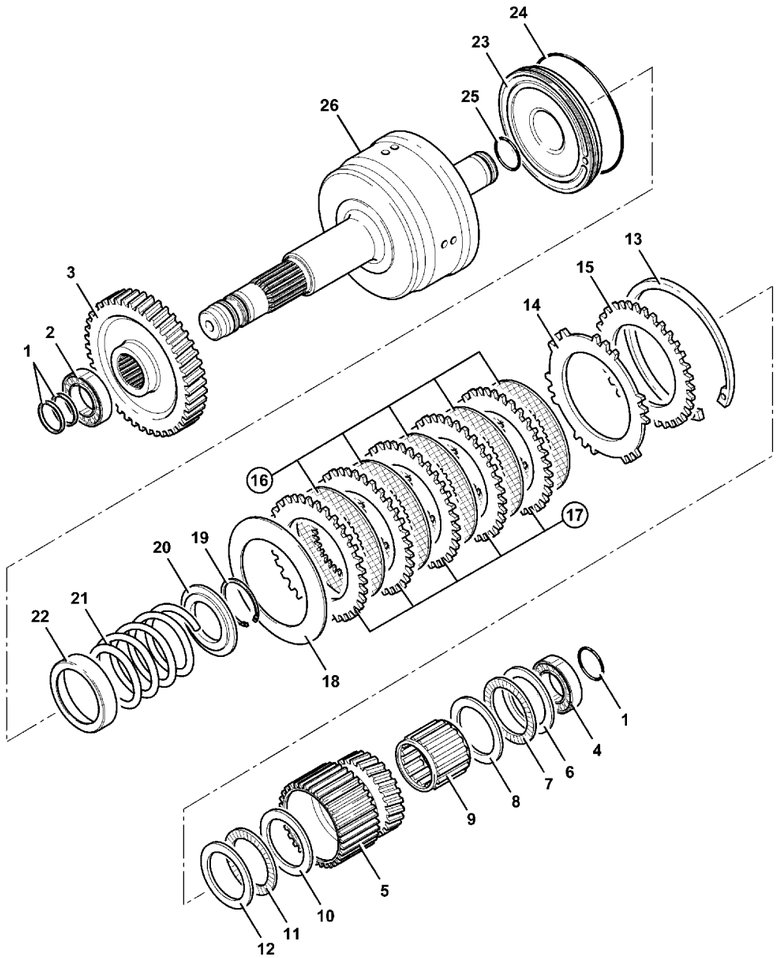
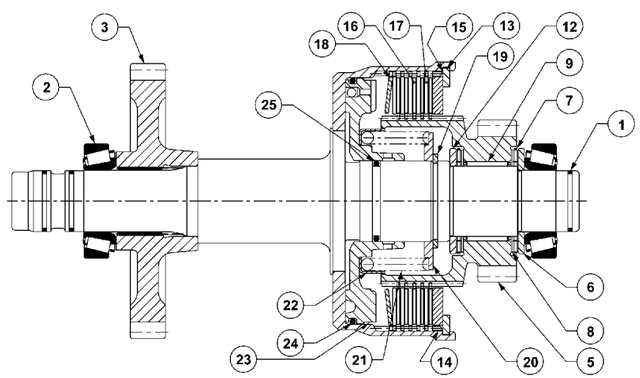
Clutch





Item	Part Number	Qty	Description	Size	Comments
1	300000545	3	Seal, Ring		
2	300000643	1	Bearing, Taper Roll, 35 X 65 X 18		
3	300000691	1	Gear, 6 Speed - 41T, PS760		
4	300000643	1	Bearing, Taper Roll, 35 X 65 X 18		
5	300000692	1	Gear, 22T and Plate Carrier, PS760		
6	300000641	1	Washer, Thrust		
7	300500031	1	Bearing, Thrust		
8	300500032	1	Washer, Thrust		
9	300000605		Bearing		
10	300500032	1	Washer, Thrust		
11	300500031	1	Bearing, Thrust		
12	300000245	1	Washer, Thrust		
13	300000637	1	Circlip, Internal		
14	300000633	as required	Plate, Pressure, Clutch 6.0MM		
14A	300000634	as required	Plate, Pressure, Clutch 6.5MM		
15	300000638	as required	Plate, Shim, Clutch, 1.2MM		
16	300000635	5	Plate, Friction		
17	300000636	5	Plate, Counter		
18	300000632	1	Disc, Spring, Spline		
19	300500013	1	Circlip		
20	300000644	1	Spring, Retainer, PS760		
21	300500010	1	Spring		
22	300000631	1	Baffle, Oil		
23	300000647	1	Piston Assembly		
24	300000664	1	O Ring		
25	300000535	1	O Ring		
26	300000690	1	Housing, 6 Speed Clutch		
	300000689	1	Complete 6 Speed Clutch Assembly		Includes all shown

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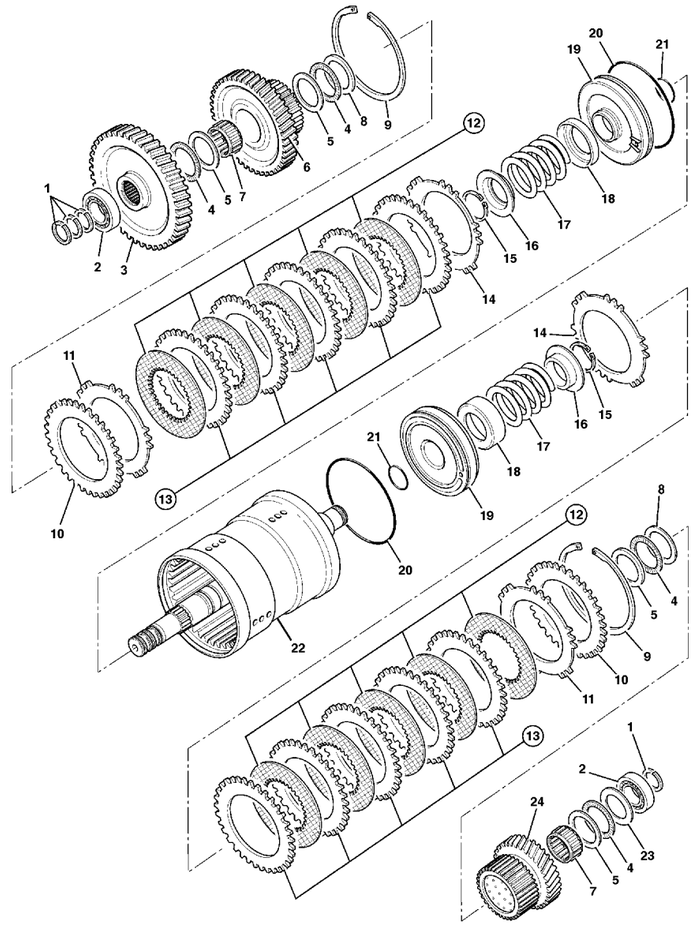
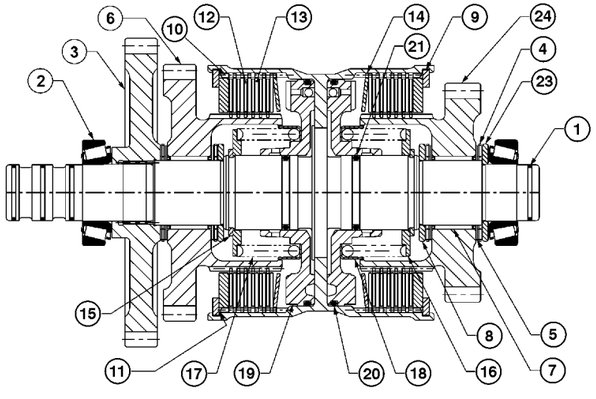
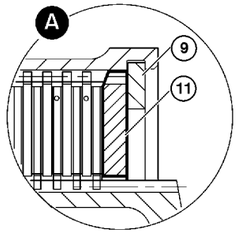
Transmission & Drivetrain • AS1010 (PowerShift 760 6-Speed)

Forward Input & Reverse Clutch







Item	Part Number	Qty	Description	Size	Comments
1	300000665	4	Seal, Ring		
2	300000653	2	Bearing, 50 X 80 X 20		
3	300000654	1	Gear, Input - 38T, PS760		
4	300000660	4	Bearing, Needle Thrust		
5	300000666	4	Washer, Thrust, Beveled		
6	300000656	1	Gear, 41T and Plate Carrier, PS760		
7	300000661	2	Bearing, Needle Roller		
8	300000659	2	Washer, Thrust		
9	300000637	2	Circlip, Internal		
10	300000638	as required	Plate, Shim, Clutch, 1.2MM		
11	300000633	as required	Plate, Pressure, Clutch, 6.0MM		
11A	300000634	as required	Plate, Pressure, Clutch, 6.5MM		
12	300000635	10	Plate, Friction, Clutch		
13	300000636	10	Plate, Counter, Clutch		
14	300000632	2	Disc, Spring, Spline		
15	300000663	2	Circlip, External		
16	300000662	2	Washer, Spring, Retainer		
17	300500010	2	Spring		
18	300000631	2	Baffle, Oil		
19	300000657	2	Piston Assembly Input Clutch		
20	300000630	2	O Ring		
21	300000664	2	O Ring		
22	300000652	1	Housing, Input Clutch, PS760		
23	300000658	1	Washer, Thrust		
24	300000655	1	Gear, 34T and Plate Carrier, PS760		
	300000651	1	Complete Input Clutch Assembly		Includes everything shown

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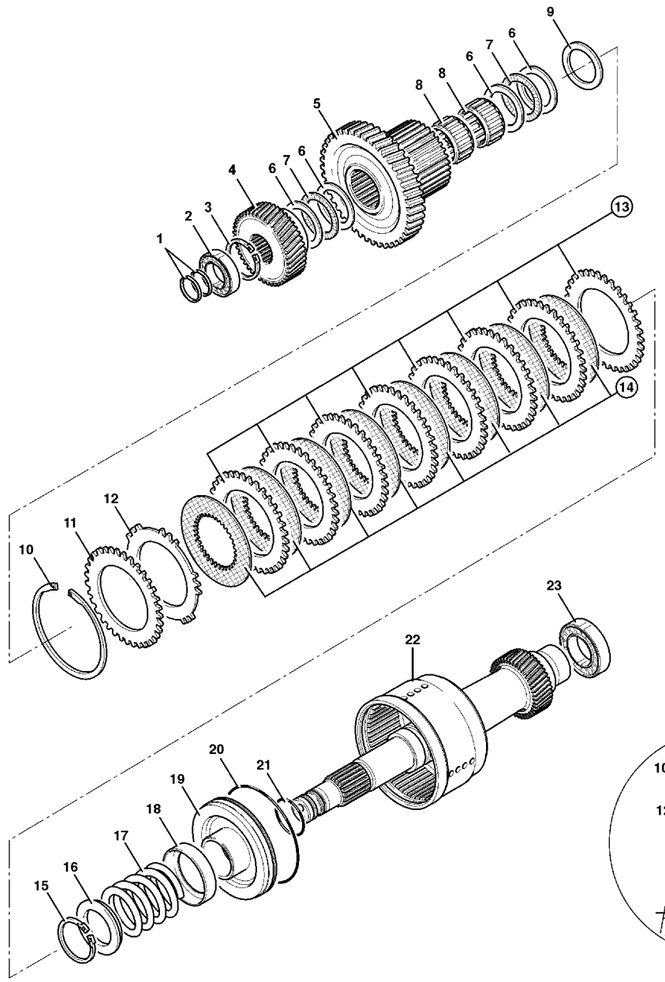
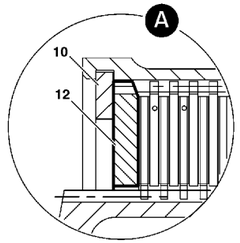
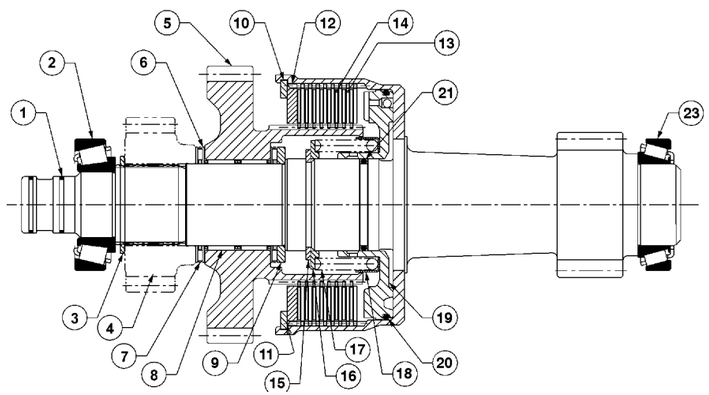
Transmission & Drivetrain • AS1010 (PowerShift 760 6-Speed)

Layshaft Clutch







Item	Part Number	Qty	Description	Size	Comments
1	300000545	2	Seal, Ring		
2	300000672	1	Bearing, 40 X 80 X 24.75		
3	300000688	1	Circlip, External		
4	N/A	1	Gear		Included with Layshaft Clutch assembly
5	300000684	1	Gear and Plate Carrier, PS760		
6	300000686	4	Washer, Thrust, Beveled		
7	300500060	2	Bearing, Needle 70 X 50 X 3MM		AXK 5070
8	300000595	2	Bearing		
9	300000687	1	Kit, Thrust Washer		
10	300000637	1	Circlip, Internal		
11	300000638	as required	Plate, Shim, Clutch, 1.2MM		
12	300000633	as required	Plate, Pressure, Clutch, 6.0MM		
12A	300000634	as required	Plate, Pressure, Clutch, 6.5MM		
13	300000636	8	Plate, Counter, Clutch		
14	300000635	8	Plate, Friction, Clutch		
15	300000663	1	Circlip, External		
16	300000662	1	Washer, Spring Retainer		
17	300500010	1	Spring		
18	300000631	1	Baffle, Oil		
19	300000657	1	Piston Assembly		
20	300000630	1	O Ring		
21	300000664	1	O Ring		
22	300000683	1	Housing, Layshaft Clutch, PS760		
23	300000685	1	Bearing, 50 X 84 X 22		
	300000682	1	Complete Layshaft Clutch Assembly		Includes everything shown

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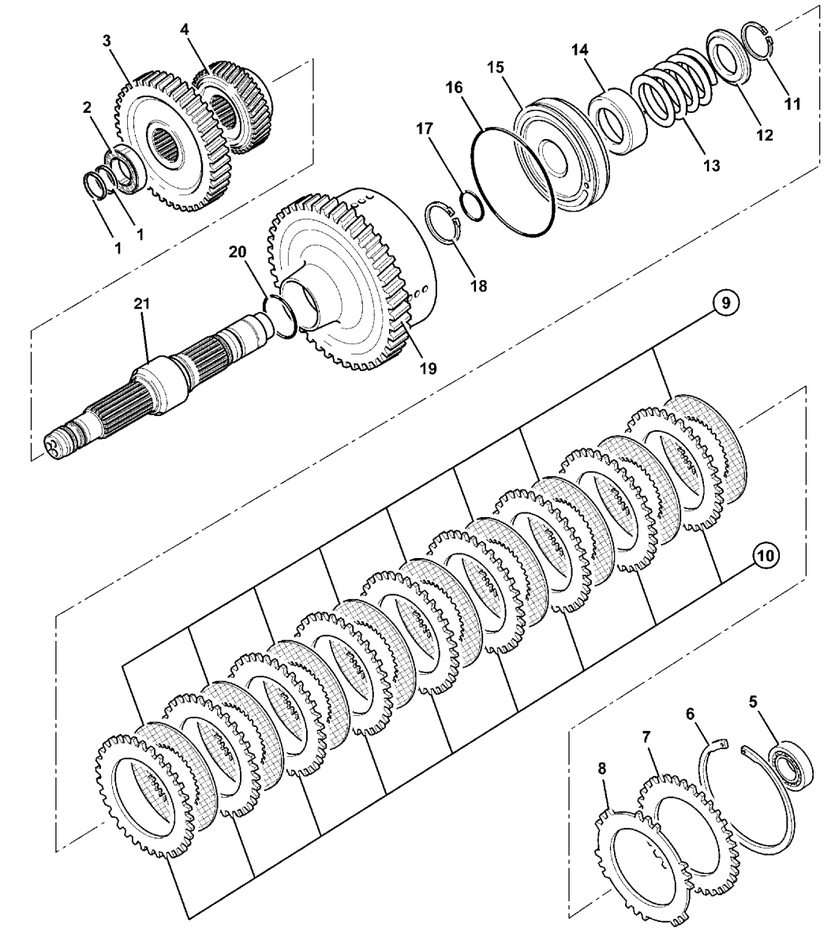
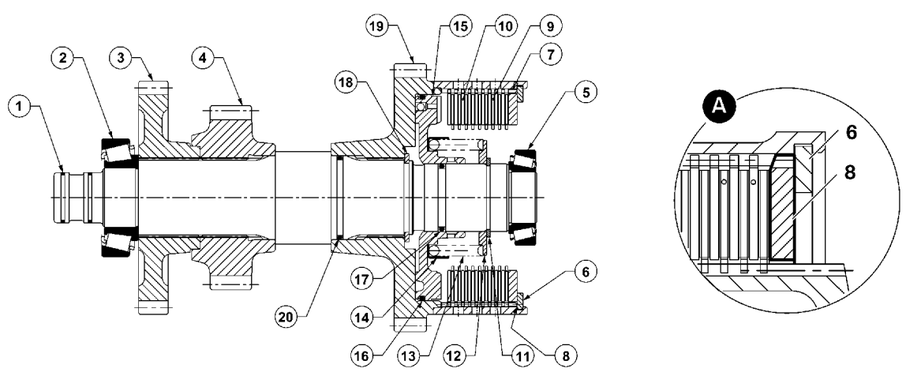
Mainshaft Clutch





Item	Part Number	Qty	Description	Size	Comments
1	300000545	2	Seal, Ring		
2	300000672	1	Bearing, 40 X 80 X 24.75		
3	300000671	1	Gear, Mainshaft - 41T, PS760		
4	300000670	1	Gear, Mainshaft - 31T, PS760		
5	300000643	1	Bearing, Taper Roll, 35 X 65 X 18		
6	300000637	1	Circlip, Internal		
7	300000638	as required	Plate, Shim, Clutch, 1.2MM		
8	300000633	as required	Plate, Pressure, Clutch, 6.0MM		
9	300000635	9	Plate, Friction, Clutch		
10	300000636	9	Plate, Counter, Clutch		
11	300500013	1	Circlip		
12	300000644	1	Spring, Retainer, PS760		
13	300500010	1	Spring		
14	300000631	1	Baffle, Oil		
15	300000647	1	Piston Assembly		
16	300000630	1	O Ring		
17	300000535	1	O Ring		
18	300000673	1	Circlip, External		
19	300000669	1	Housing, Mainshaft, PS760 6 Speed		
20	300000674	1	O Ring		
21	300000668	1	Shaft, Mainshaft-6 Speed		
	300000667	1	Complete Mainshaft Clutch Assembly		

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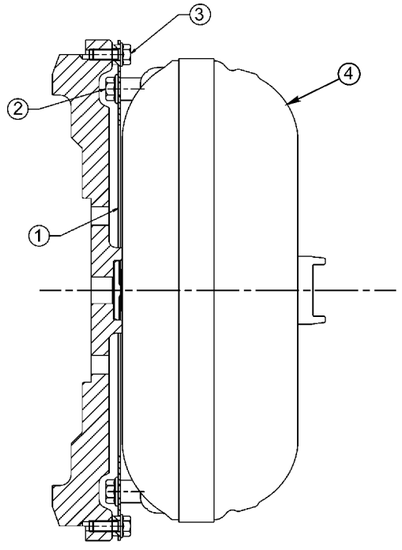
Torque Converter



Item	Part Number	Qty	Description	Size	Comments
1	301010012	1	Flex plate		
2	900002805	as required	Bolt		
3	900002600	as required	Bolt		
4	301010011	1	Torque Converter Only		
	301010010	1	Complete Assembly		Includes torque converter and drive plate

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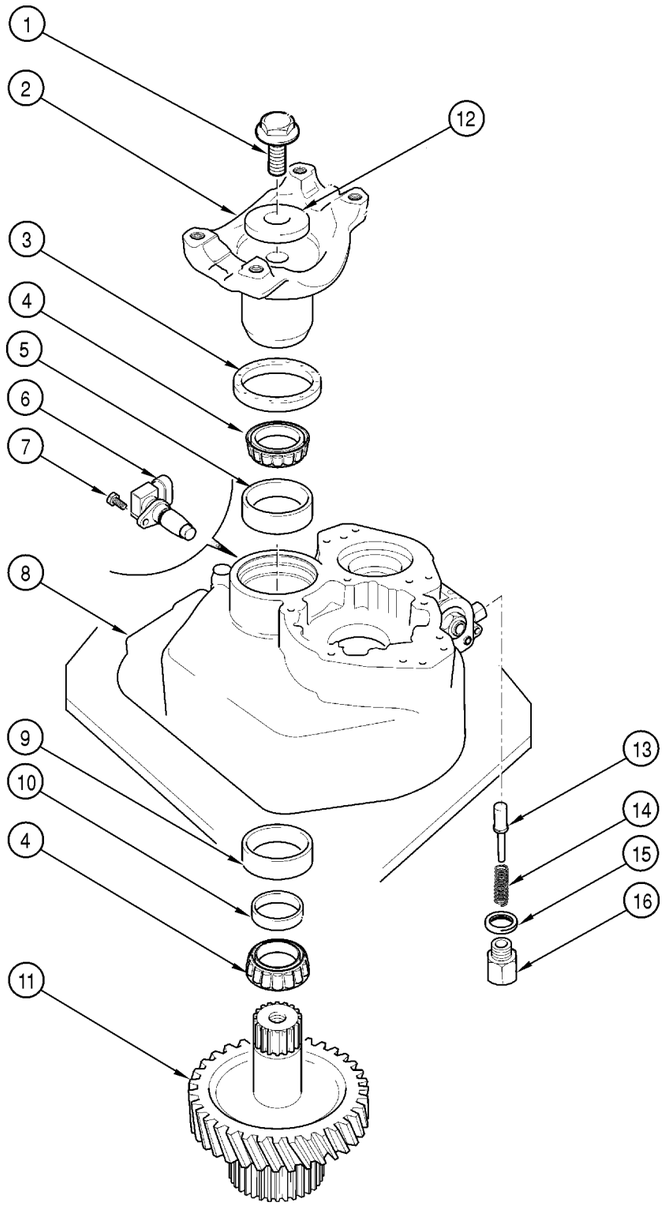
Output Shaft



Item	Part Number	Qty	Description	Size	Comments
1	300000680	1	Bolt, Output Yoke		
2	300000678	1	Yoke, Rear Output, PS760		
3	300000679	1	Seal, Triple Lip, 75 X 90 X 12		
4	300000676	2	Bearing, 55 X 90 X 23		
5	300000677	1	Kit, Spacer		
6	350000271	1	Speed Sensor JCB PS760		
7	300000716	1	Screw		
8	300000735	1	Casing, Rear JCB PS760		
9	N/A	1	Spacer, Included in Kit		Included with #5
10	N/A	1	Spacer, Included in Kit		Included with #5
11	300000675	1	Gear, Transfer-47T, PS760		
12	300000681	1	Washer		
13	300000713	1	Spool, PMV		
14	300000714	1	Spring, Solenoid, PMV		
15	N/A	1	O Ring, PMV Plug		Included with #16
16	300000715	1	Plug, PMV		

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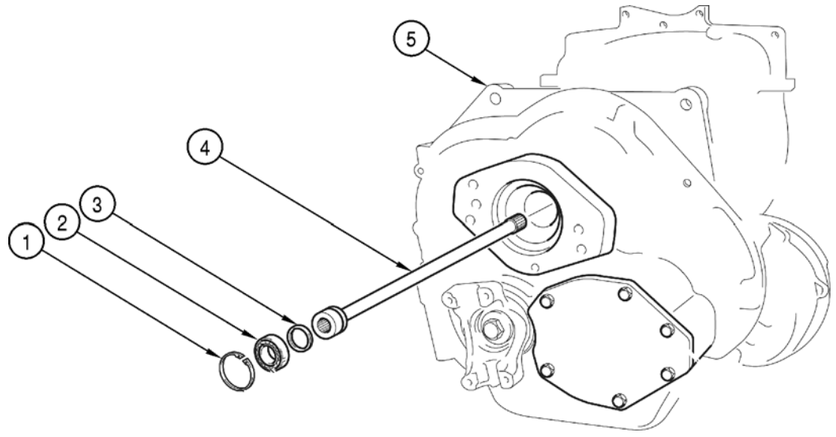
Pump Drive Shaft



Item	Part Number	Qty	Description	Size	Comments
1	300000711	1	Circlip		
2	300000710	1	Bearing, Ball		”
3	300000665	1	Seal, Ring		”
4	300000709	1	Shaft, Pump Drive, 588.6MM Long		”
5	350000275	1	Transmission, JCB PS760 6 Speed		”

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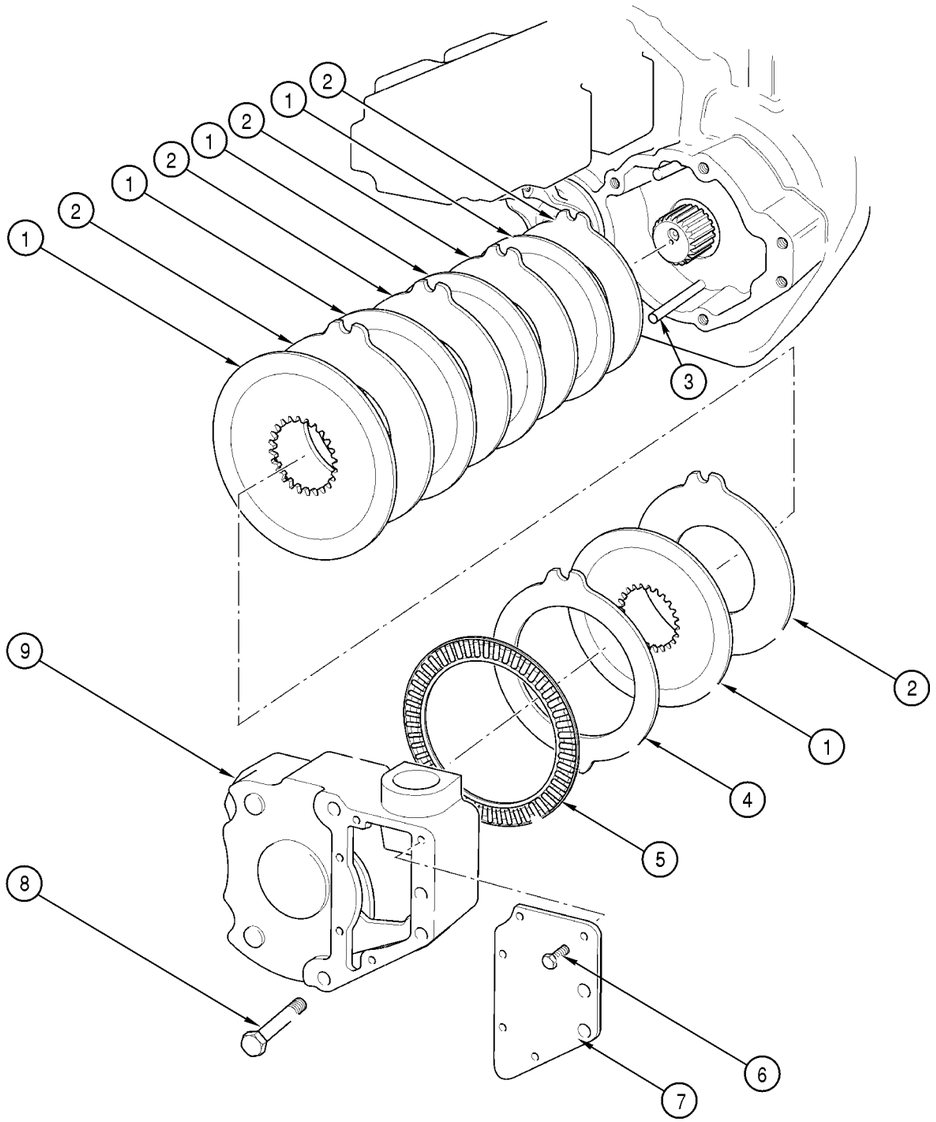
Integral Park Brake



Item	Part Number	Qty	Description	Size	Comments
1	N/A	5	Friction Plate, Sold as kit only		Included with #4
2	N/A	5	Counter Plate, Sold as kit only		Included with #4
3	300000695	2	Pin, Torque Pin		
4	300000694	1	Kit, Brake Plate Service, 5+5+1 discs		Includes friction, counter, and bearing plates
5	300000698	1	Bearing, Needle Roller		
6	300000702	5	Screw, Cap Head		
7	300000697	1	Cover Plate		
8	300000703	1	Screw, Button Head		
9	300000696	1	Housing, Brake PS760		

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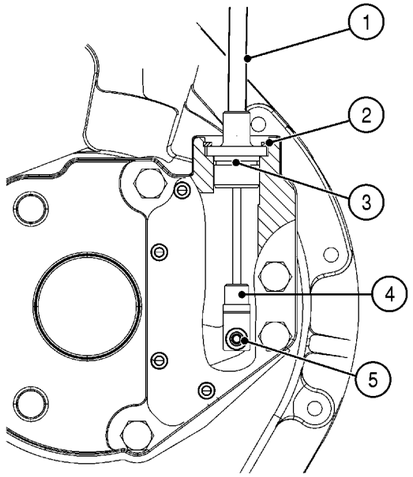
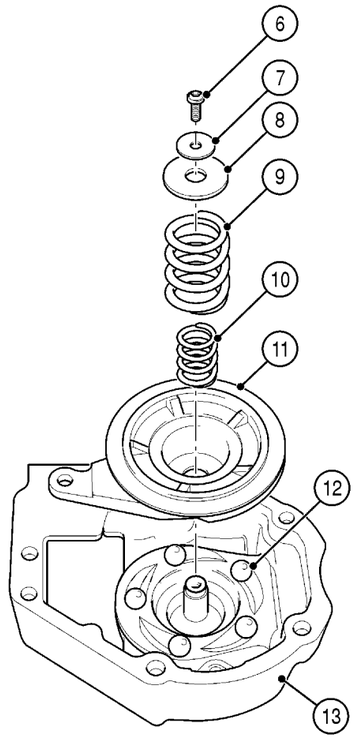
Brake Actuator





Item	Part Number	Qty	Description	Size	Comments
1	350000351	1	Parking Brake Can		We do not use a cable as shown
2	300000707	1	Circlip for Brake Can Bracket		
3	390000514	1	Bracket, Brake Can Mount		O Ring for this bracket is a 390000516
4	390000515	1	Clevis, Parking Brake PS760 6 Spd		
5	900109000	1	Bolt, Shoulder SHSS 5/16 X 3/4		
6	300000703	1	Screw, Button Head		
7	300000701	1	Kit, 2X Spring and 2X Washers		
8	N/A	1	Large Washer, Sold as kit only		Included with #7
9	N/A	1	Large Spring, Sold as kit only		Included with #7
10	N/A	1	Small Spring, Sold as kit only		Included with #7
11	300000699	1	Actuator, Brake		
12	300000700	5	Ball Bearing		
13	300000696	1	Housing, Parking Brake		

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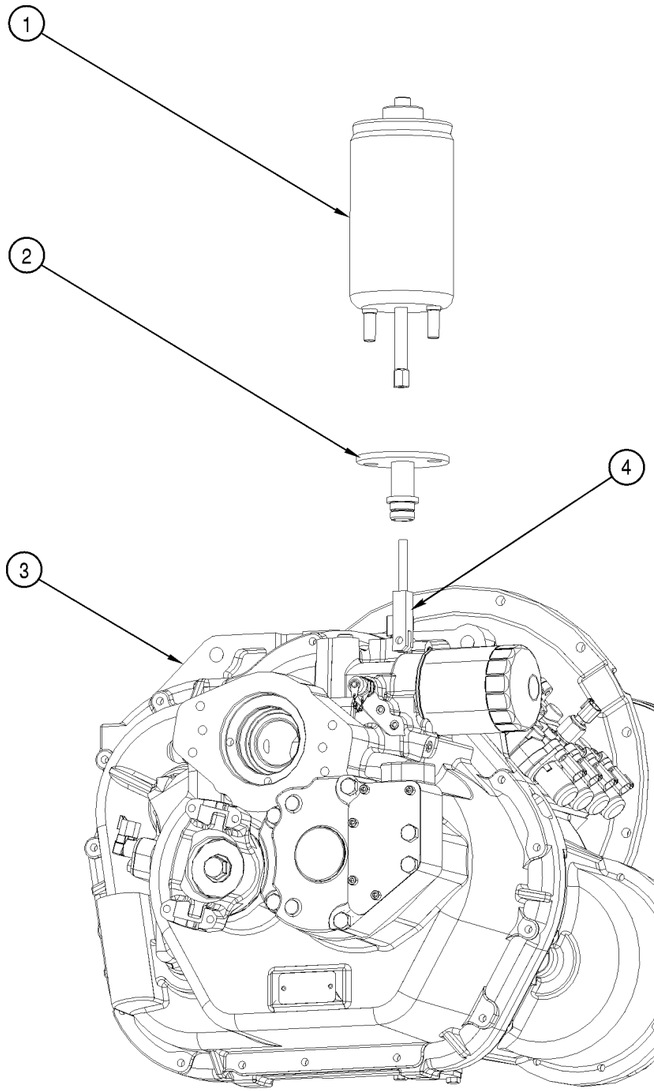
Park Brake Can



Item	Part Number	Qty	Description	Size	Comments
1	350000351	1	Parking Brake Can		
2	390000514	1	Bracket, Brake Can		
3	350000275	1	Transmission, JCB PS760 6 Speed		
4	390000515	1	Clevis, Brake Can PS760 6 Speed		

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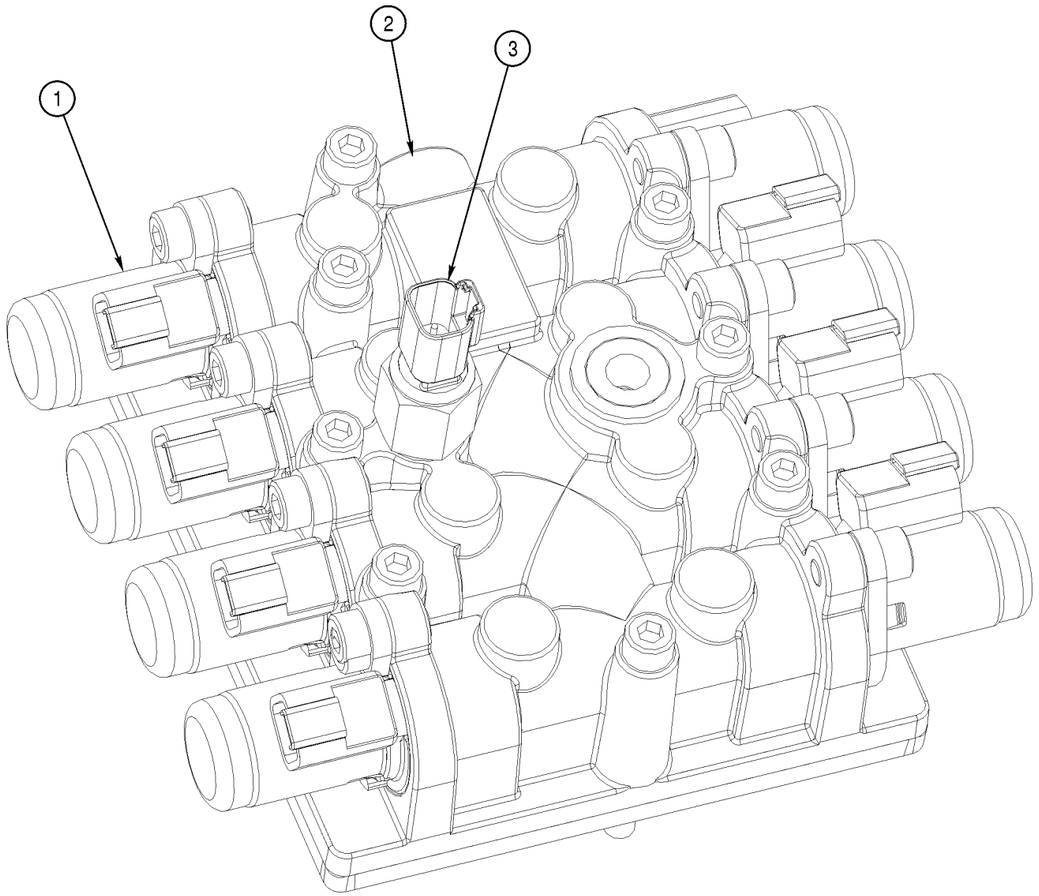
Valve Body Assembly



Item	Part Number	Qty	Description	Size	Comments
1	350000270	8	Valve, Solenoid Assembly		
2	300000737	1	Valve, Assembly PS760, 6 Speed		
3	320000000	1	Low Pressure Switch		When replacing you will need gasket #320000001
	350000272	1	Gasket, Valve Block		Not Shown

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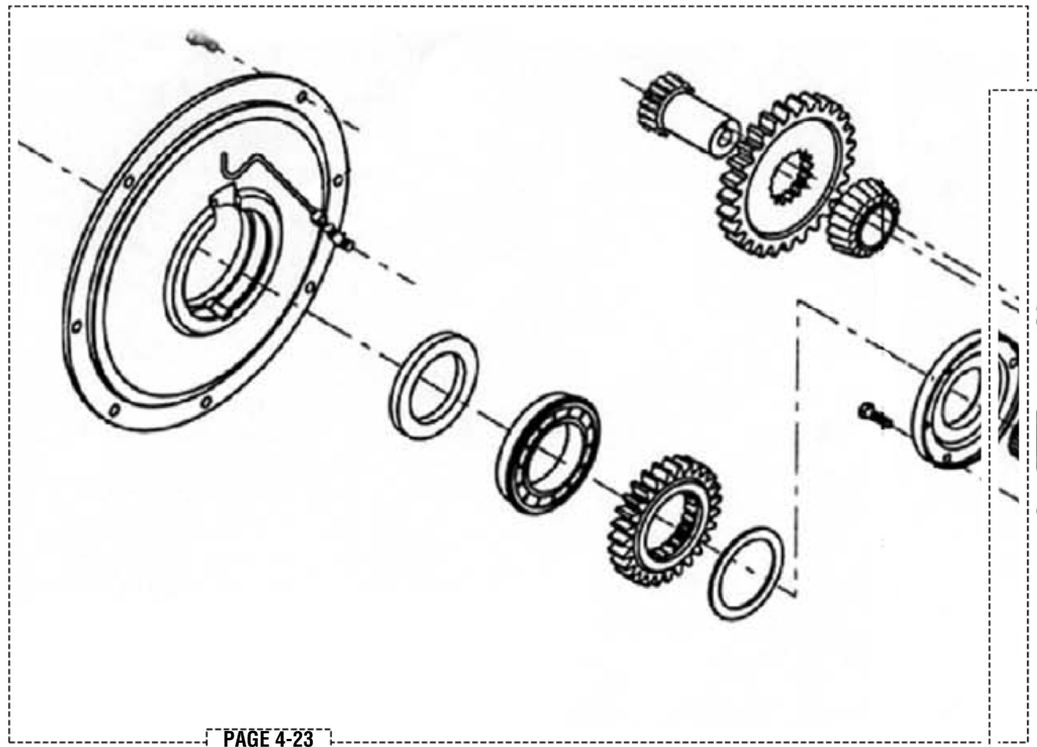
AS1210 (Funk 6-Speed)
Overview



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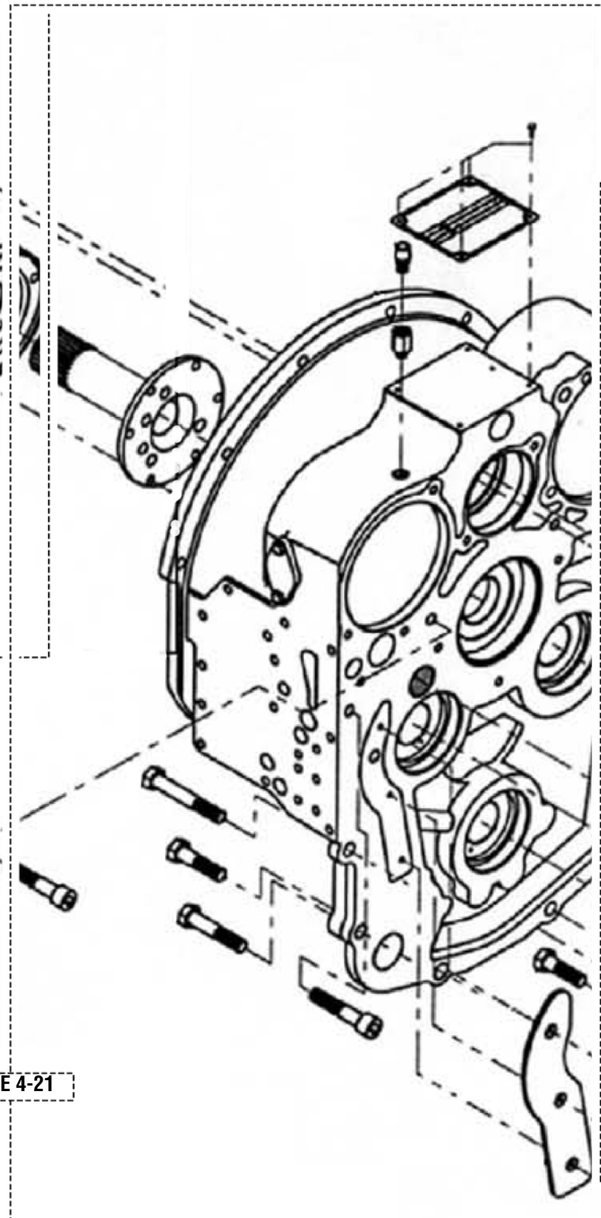

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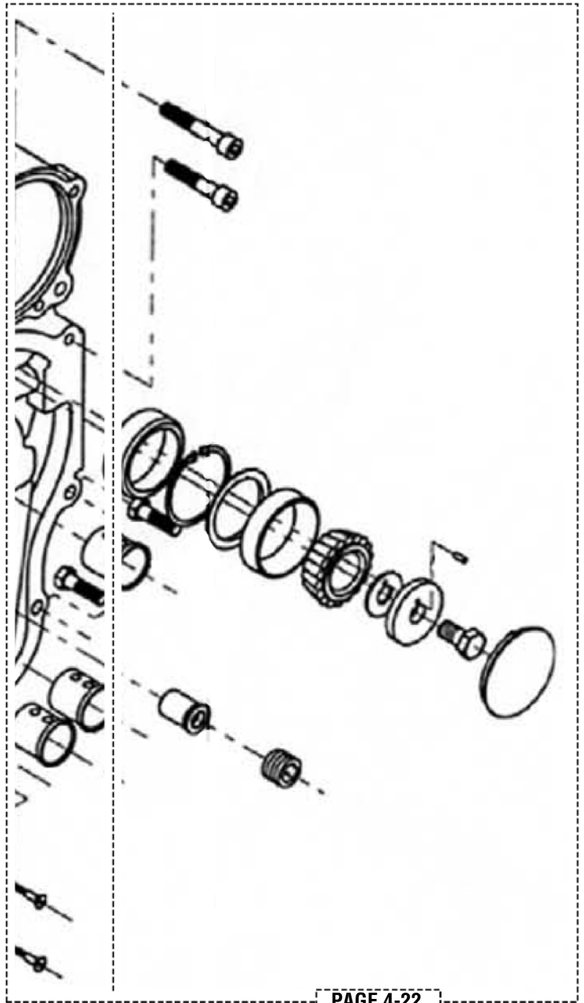

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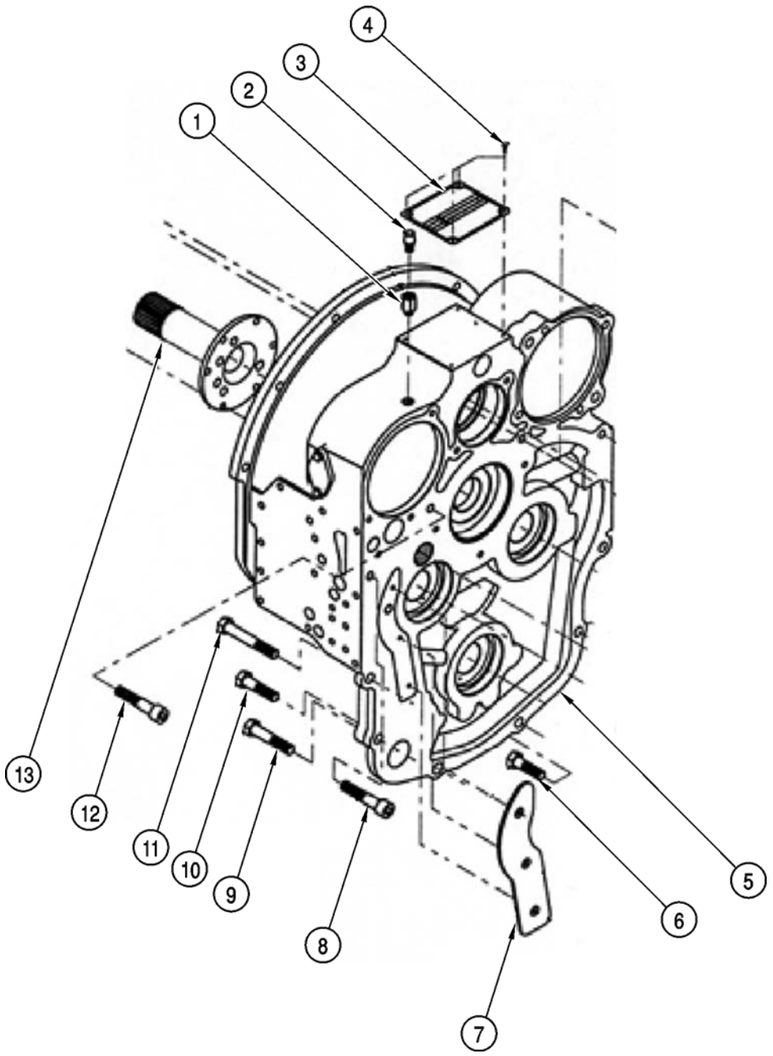
Stator Tube, ID Plate, Breather & Oil Passage Cover



Item	Part Number	Qty	Description	Size	Comments
1	NSS	1	Adapter, Breather		Included with #2
2	300400127	1	Breather, Funk Transmission		
3	300400125	1	Serial Tag		
4	300400126	4	Screw, Mount		
5	300400101	1	Front Cover, Funk		
6	300400130	3	Capscrew, Case		
7	300400102	1	Cover, Oil Passage		
8	300400129	3	Capscrew, Case		
9	300400131	2	Capscrew, Case		
10	300400132	2	Capscrew, Case		
11	300400133	4	Capscrew, Case		
12	300400129	3	Capscrew, Case		
13	300400116	1	Stator Support Tube		

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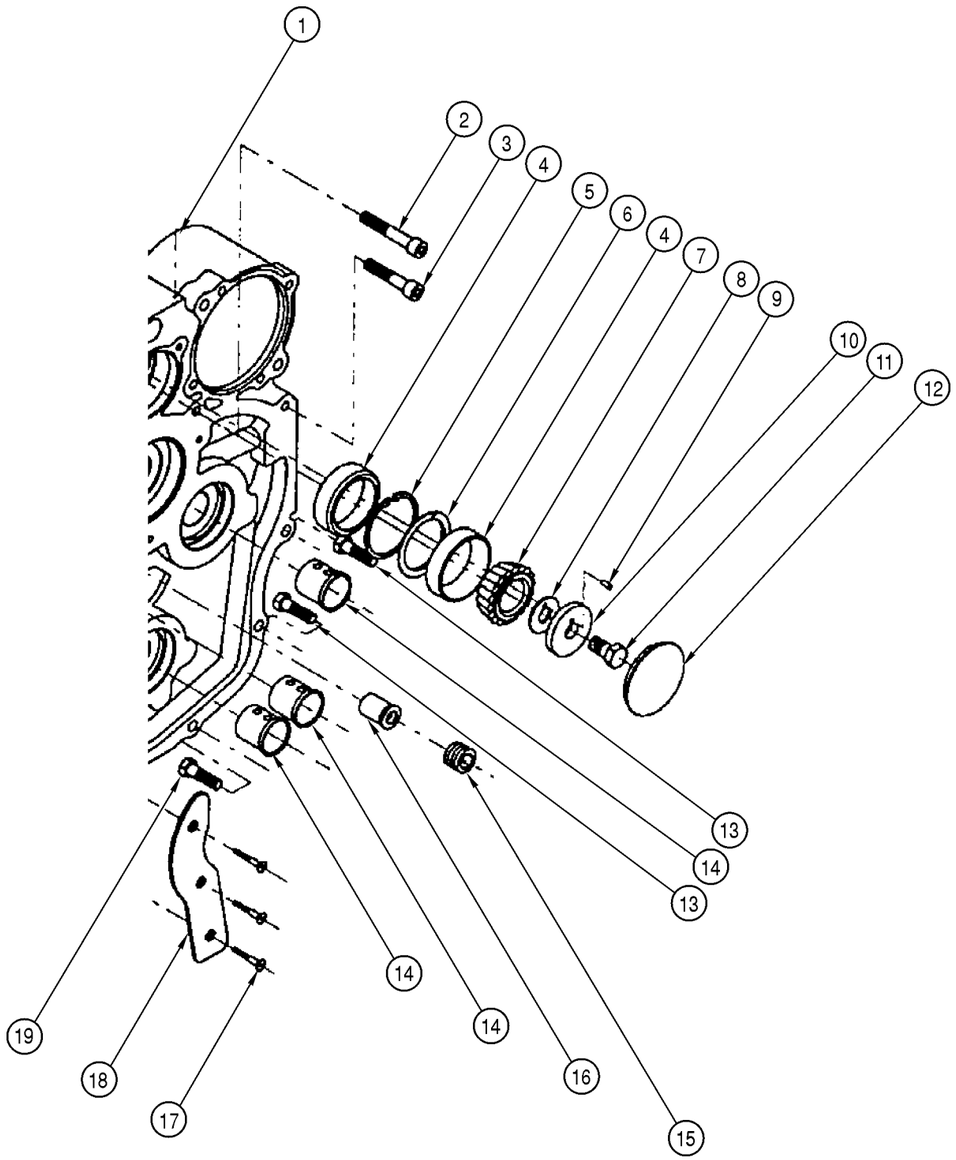
Idler Gearshaft Components & Bore Sleeves



Item	Part Number	Qty	Description	Size	Comments
1	300400101	1	Front Cover, Funk		
2	300400128	1	Capscrew, Case		
3	300400129	3	Capscrew, Case		
4	300400109	2	Cup, Idler Gear Bearing		
5	300400110	1	Snap Ring		
6	300400113	1	Spacer		
7	300400134	2	Bearing, Idler Gear		
8	NSS	1	Spacer, Retainer		Included with 300400111
9	300400114	1	Pin, Roll		
10	300400111	1	Retainer, Idler Gear Shaft		
11	300400112	1	Capscrew, Idler Gear		
12	300400115	1	Cover Plate		
13	300400130	3	Capscrew, Case		
14	300400106	3	Sleeve		
15	300400105	1	Plug, Pipe		
16	300400104	1	Relief Valve, Converter		
17	300400103	1	Capscrew, Oil Cover		
18	300400102	1	Cover, Oil Passage		
19	300400130	3	Capscrew, Case		

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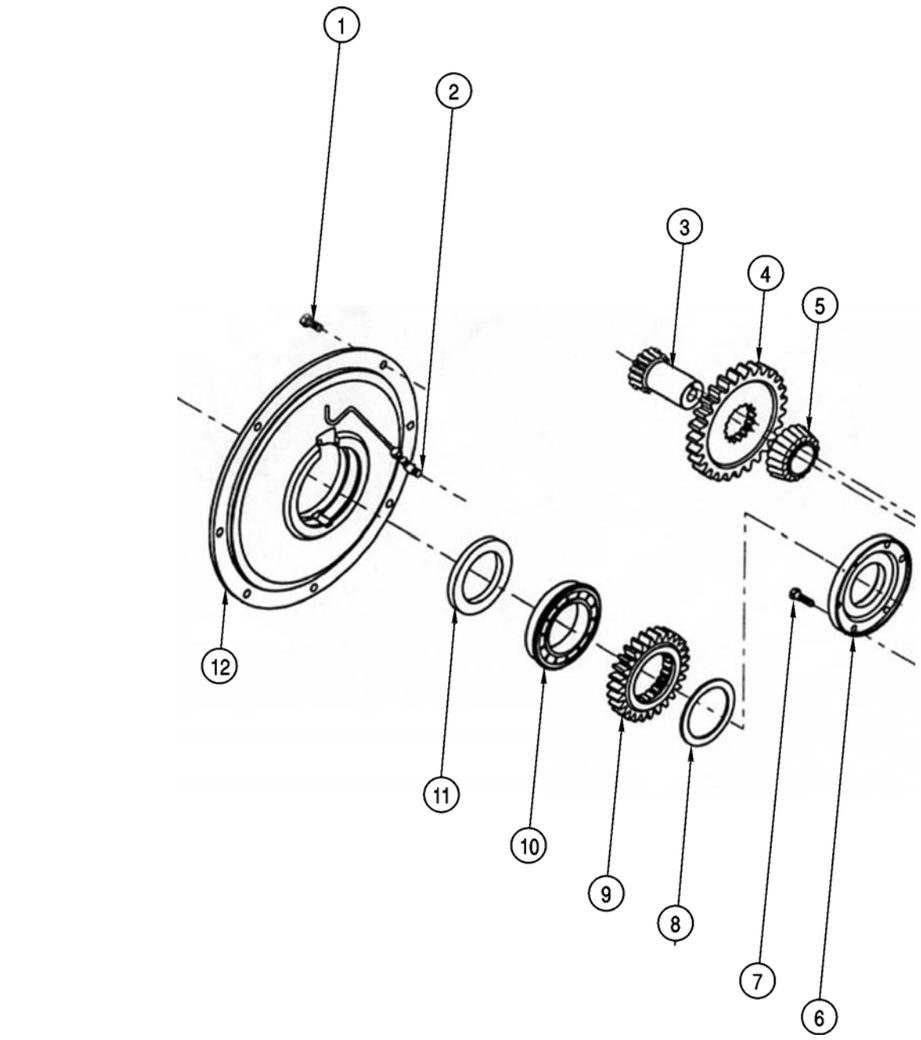
Bearing Retainer & Idler Assembly



Item	Part Number	Qty	Description	Size	Comments
1	300400118	7	Capscrew, Bearing Retainer		
2	300400141	1	Elbow, Oil Tube		
3	300400108	1	Idler Gear Shaft		
4	300400107	1	Idler Gear		
5	300400134	2	Bearing, Idler Gear		
6	300400117	1	Retainer, Stator Tube		
7	300400118	6	Capscrew, Retainer		
8	300400119	1	Washer, Thrust		
9	300400120	1	Impeller Hub Gear		
10	300400122	1	Bearing, Retainer Plate		
11	300400123	1	Oil Seal, Front Cover		
12	300400121	1	Plate, Bearing Retainer		

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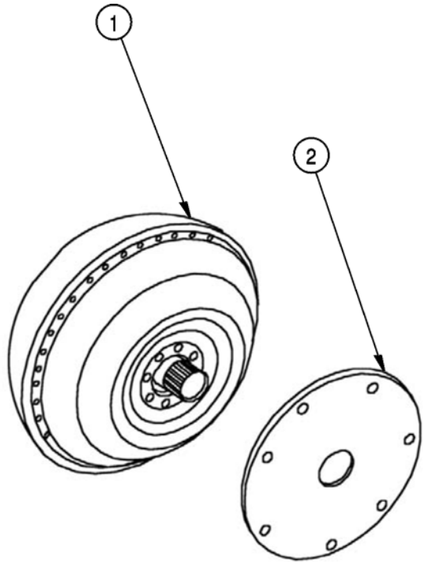
Torque Converter



Item	Part Number	Qty	Description	Size	Comments
1	300400147	1	Torque Converter, Funk Transmission		
2	300400148	1	Flex Plate Assembly		

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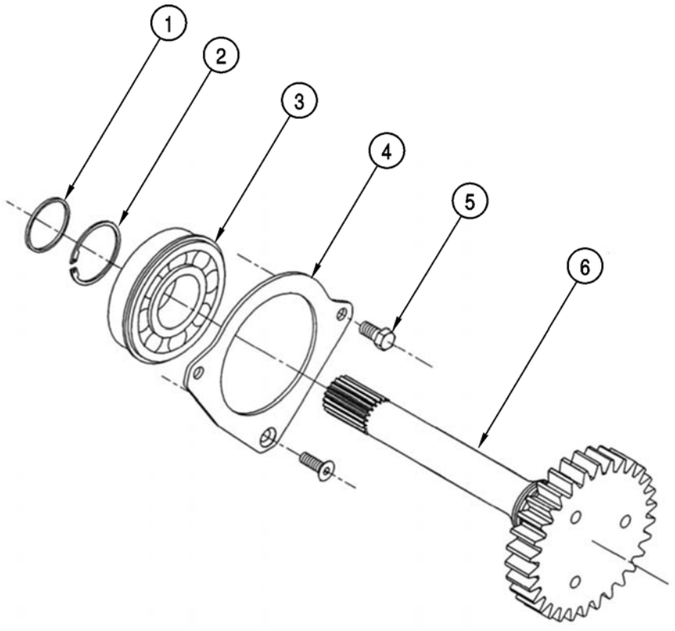
Input Shaft



Item	Part Number	Qty	Description	Size	Comments
1	300400154	1	Seal Ring		
2	300400153	1	Snap Ring		
3	300400150	1	Bearing, Input Shaft		
4	300400151	1	Retainer, Bearing and Shaft		
5	300400152	3	Capscrew, Retainer		
6	300400149	1	Input Shaft		

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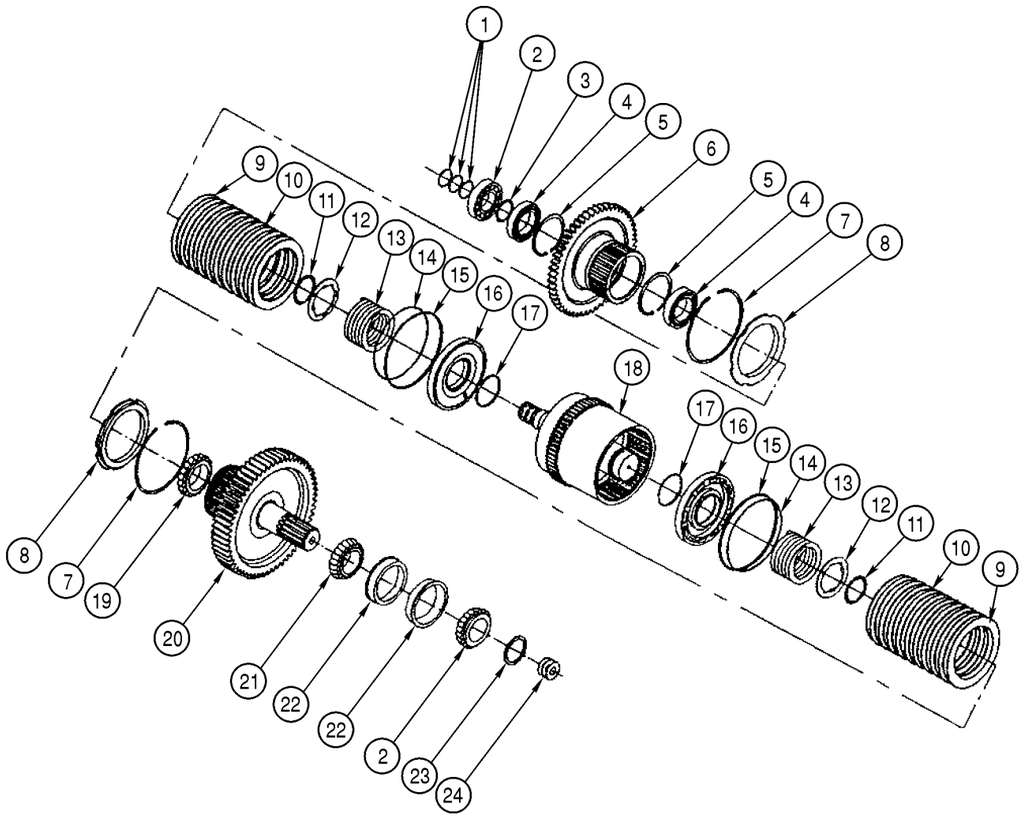
Transmission & Drivetrain • AS1210 (Funk 6-Speed)

First Stage Clutch



Item	Part Number	Qty	Description	Size	Comments
1	300400184	3	Sealing Ring		
2	300400183	2	Bearing		
3	300400200	1	Snap Ring		
4	300400169	2	Bearing		
5	300400170	2	Snap Ring		
6	300400168	1	Gear and Hub, Forward High Range		
7	300400167	2	Snap Ring		
8	300400166	2	Retainer, Clutch Plate		
9	300400165	20	Separator Plate		
10	300400164	20	Clutch Plate		
11	300400185	2	Snap Ring		
12	300400163	2	Retainer, Spring		
13	300400162	2	Clutch Return Spring		
14	300400159	2	O Ring, Back Up		
15	300400158	2	Seal, Lip		
16	300400161	2	Piston Assembly, Clutch		
17	350000307	2	O Ring		
18	300400156	1	Shaft Assembly, 1st Stage Clutch		
19	300400180	1	Bearing		
20	300400179	1	Gear and Hub, Low		
21	300400181	1	Bearing		
22	300400222	2	Bearing Cup		
23	300400182	1	Snap Ring		
24	300400229	1	Shim Pack		
	300400155	1	Complete 1st Stage Clutch Assy.		Includes everything shown

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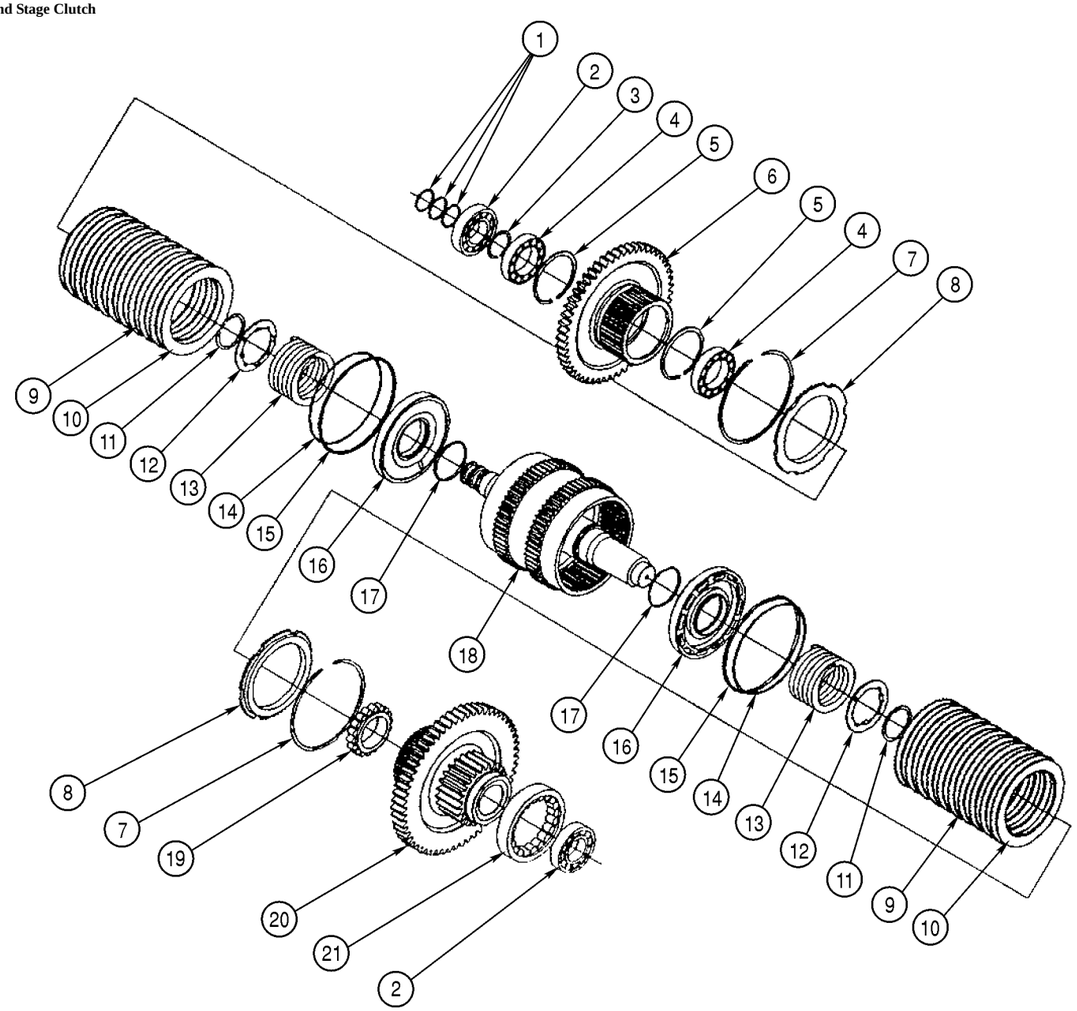
Second Stage Clutch



Item	Part Number	Qty	Description	Size	Comments
1	300400184	3	Seal Ring		
2	300400183	2	Bearing		
3	300400182	1	Snap Ring		
4	300400169	2	Bearing		
5	300400170	2	Snap Ring		
6	300400168	1	Gear and Hub, Forward Low Range		
7	300400167	2	Snap Ring		
8	300400166	2	Clutch Plate Retainer		
9	300400165	20	Separator Plate		
10	300400164	20	Clutch Plate		
11	300400185	2	Snap Ring		
12	300400163	2	Retainer, Spring		
13	300400162	2	Spring, Clutch Piston Return		
14	300400159	2	O Ring, Back Up		
15	300400158	2	Seal, Lip		
16	300400161	2	Piston, Clutch		
17	350000307	2	O Ring, Piston		
18	300400186	1	Shaft Assembly, 2nd Stage Clutch		
19	300400181	1	Bearing		
20	300400179	1	Gear and Hub, Second Gear		
21	300400180	1	Bearing		
	300400157	1	Complete 2nd Stage Clutch Assy.		Includes everything shown

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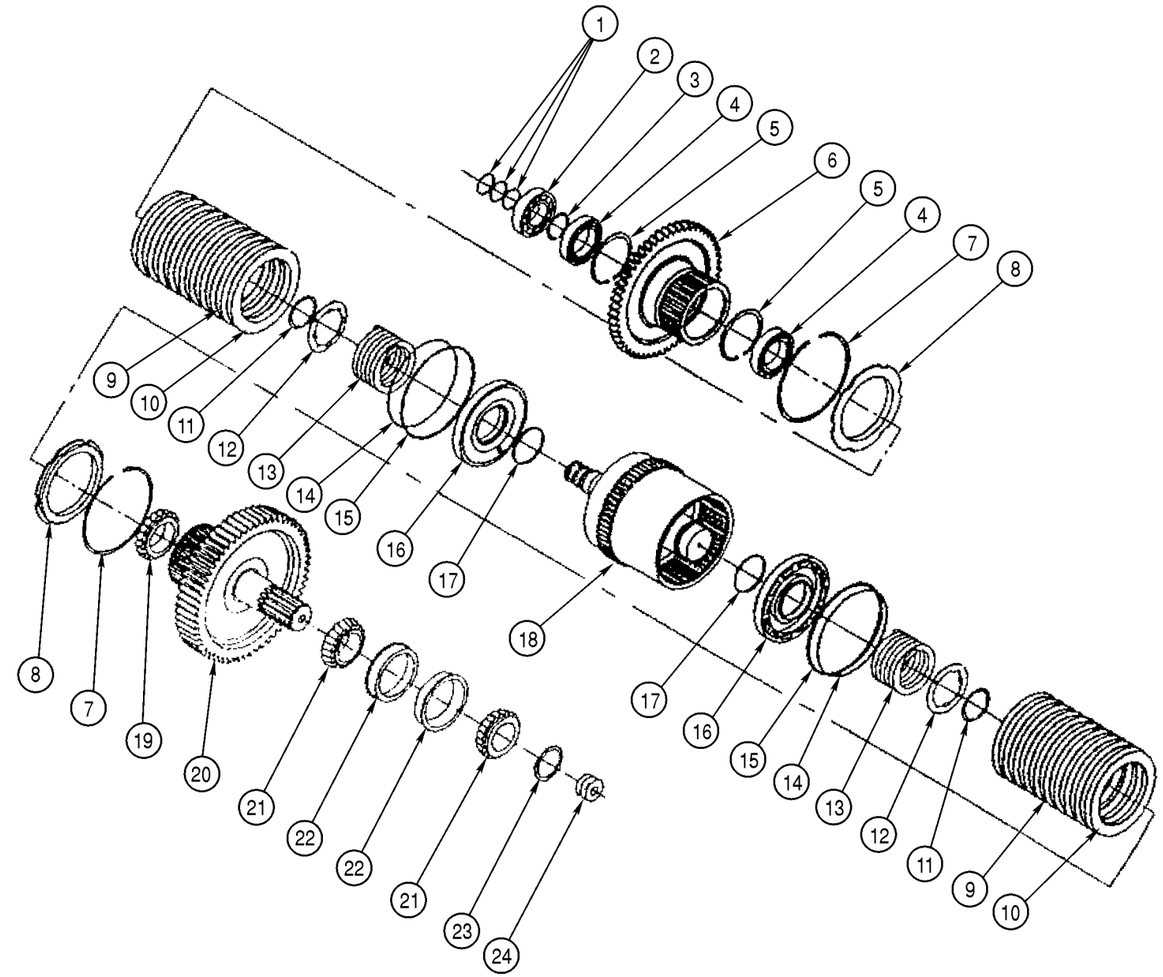
Third Stage Clutch



Item	Part Number	Qty	Description	Size	Comments
1	300400184	3	Seal Ring		
2	300400183	1	Bearing		
3	300400220	1	Snap Ring		
4	300400198	2	Bearing		
5	300400170	2	Snap Ring		
6	300400218	1	Gear and Hub, Reverse		
7	300400167	2	Snap Ring		
8	300400195	2	Clutch Plate Retainer		
9	300400215	20	Separator Plate		
10	300400164	20	Clutch Plate Retainer		
11	300400226	2	Retainer Ring		
12	300400213	2	Retainer, Spring		
13	300400212	2	Spring, Piston Return		
14	300400159	2	O Ring, Back-Up		
15	300400158	2	Seal, Lip		
16	300400211	2	Piston Assembly, Clutch		
17	350000307	2	O Ring, Piston		
18	300400207	1	Shaft Assembly, 3rd Stage Clutch		
19	300400200	1	Bearing		
20	300400223	1	Gear and Hub, Third Gear		
21	300400224	2	Bearing		
22	300400222	2	Bearing Cup		
23	300400227	1	Washer		
24	300400229	A/R	Shim Pack		
	300400206	1	Complete 3rd Stage Clutch Assy.		Includes everything shown

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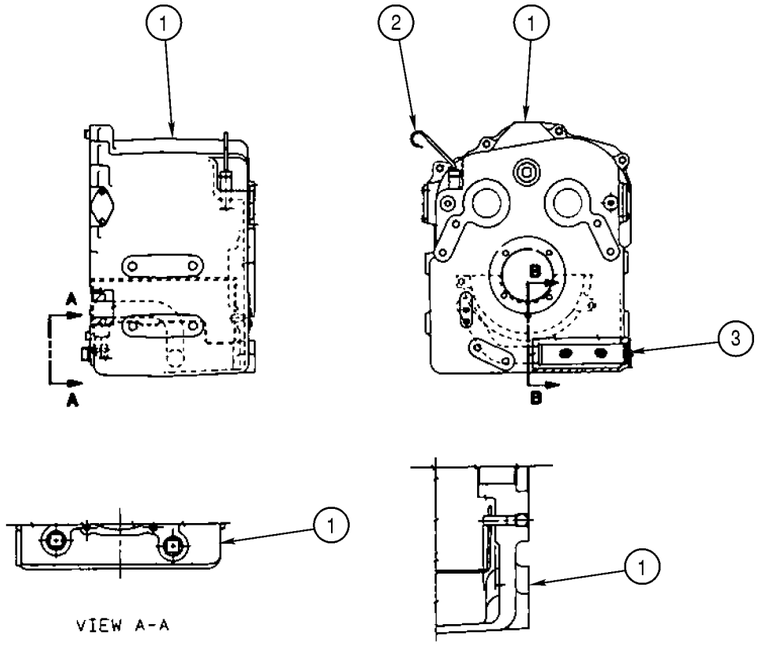
Rear Case



Item	Part Number	Qty	Description	Size	Comments
1	300400235	1	Case Assembly, Main Funk		
2	300000022	1	Dipstick, Funk		
3	300400243	1	Suction Strainer Assembly		

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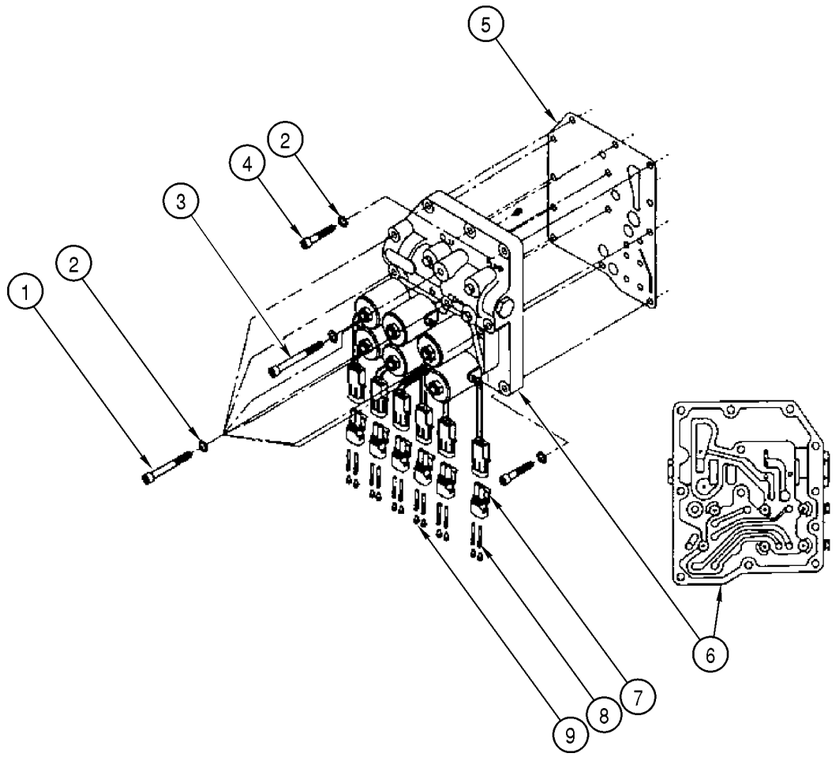
Manifold Assembly



Item	Part Number	Qty	Description	Size	Comments
1	300400257	7	Capscrew		
2	350400252	12	Washer, Flat		
3	300400261	1	Capscrew		
4	300400256	4	Capscrew		
5	300400260	1	Gasket, Valve Body		
6	300400255	1	Body, Valve Assembly		
7	300400286	6	Connector Kit		
8	NSS	12	Pins		Included with #7
9	NSS	12	Seal		Included with #7
	300400254	1	Valve Assembly Complete		

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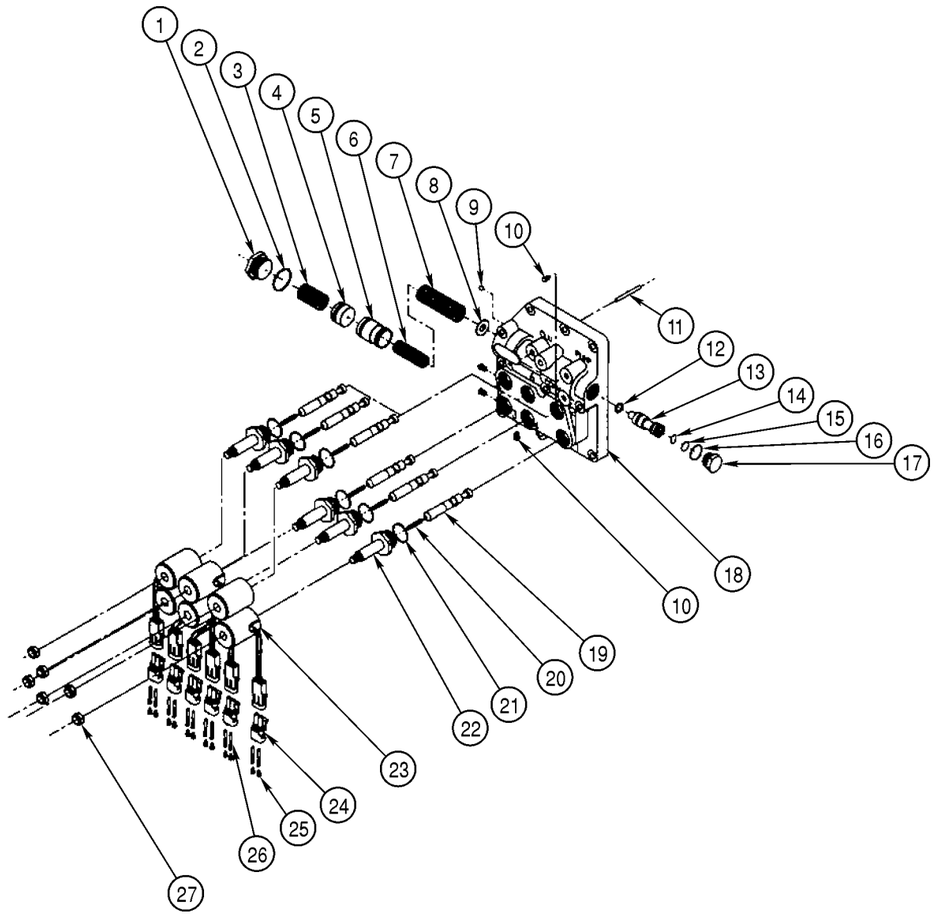
Transmission & Drivetrain • AS1210 (Funk 6-Speed)

Manifold Components



Item	Part Number	Qty	Description	Size	Comments
1	300400272		Plug, Dump Valve		
2	300400271		O Ring		
3	300400270		Spring, Dump		
4	300400269		Valve		
5	300400267		Piston Accumulator		
6	300400266		Spring, Inner		
7	300400265		Spring, Outer		
8	300400264		Washer		
9	300400263		Ball		
10	300400285	6	Plug		
11	300400268	1	Pin		
12	300400273	1	Shim		
13	300400274	1	Spool, Main Regulator		
14	300400275	1	Plate, Orifice		
15	300400276	1	Snap Ring		
16	300400277	1	O Ring		
17	300400278	1	Plug		
18	300400255	1	Body, Valve		
19	300400279	6	Plunger and Spool Assembly		
20	300400280	6	Spring, Solenoid		
21	300400282	6	O Ring		
22	300400281	6	Core Assembly		
23	300400283	6	Coil Assembly		
24	300400286	6	Connector Kit		
25	NSS	12	Pins		Included with #24
26	NSS	12	Seal		Included with #24
27	300400284	6	Nut		

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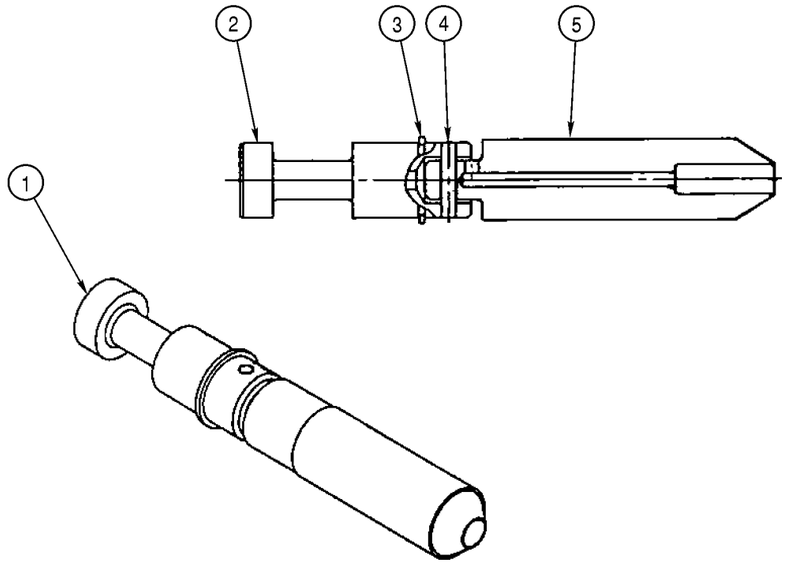
Solenoid



Item	Part Number	Qty	Description	Size	Comments
1	300400279	1	Plunger & Spool Assembly		
2	300400287	1	Spool, Solenoid		”
3	300400290	1	Snap Ring		
4	300400289	1	Pin, Roll		”
5	300400288	1	Plunger, Solenoid		”

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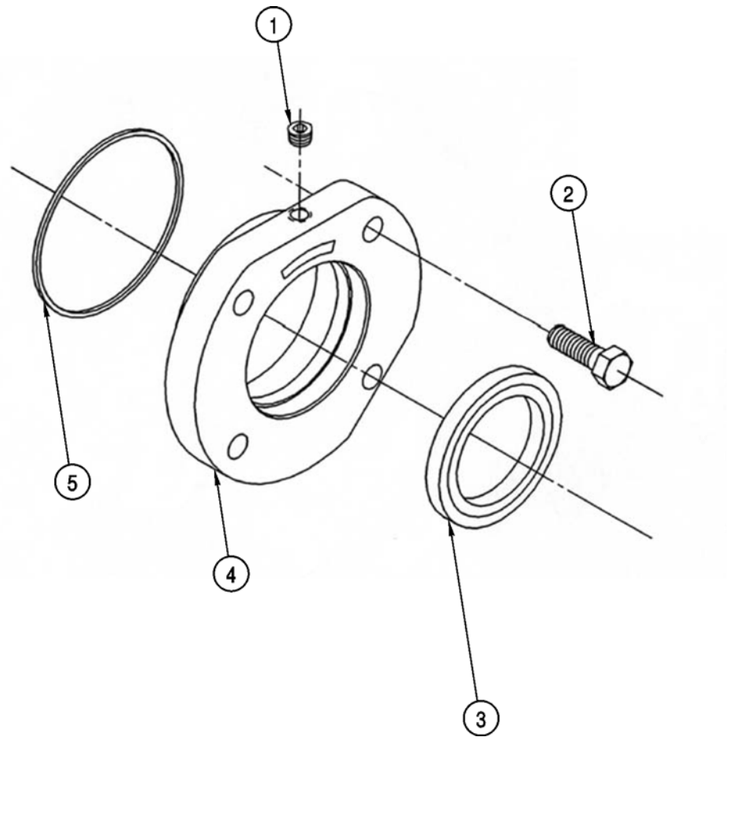
Output Retainer



Item	Part Number	Qty	Description	Size	Comments
1	300400295	1	Plug		
2	300400294	4	Capscrew, Output Retainer		
3	300400292	1	Oil Seal, Output		
4	300400291	1	Retainer, Output Bearing		
5	300400293	1	O Ring		

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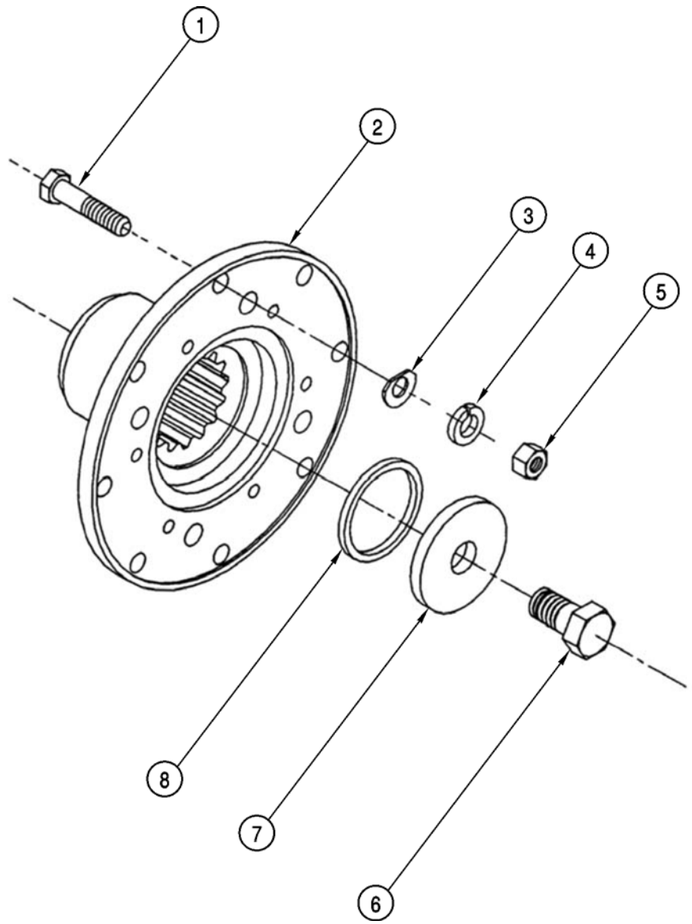
Companion Flange



Item	Part Number	Qty	Description	Size	Comments
1	300400300	8	Cap Screw		
2	300400296	1	Companion Flange		
3	300400303	8	Washer, Clipped		
4	300400302	8	Washer, Lock		
5	300400301	8	Nut		
6	300400299	1	Cap Screw		
7	300400298	1	Washer, Yoke		
8	300400297	1	O Ring		

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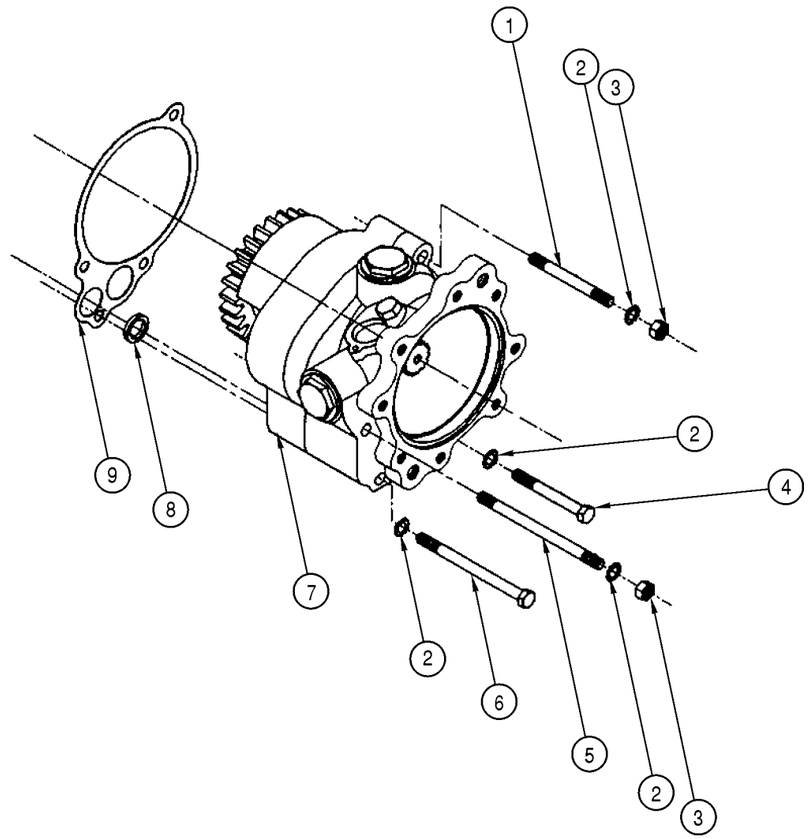
Charge Pump Assembly



Item	Part Number	Qty	Description	Size	Comments
1	300400311	1	Stud		
2	300400302	4	Washer, Lock		
3	300400310	2	Nut		
4	300400306	1	Capscrew		
5	300400308	1	Stud		
6	300400307	1	Capscrew		
7	300400304	1	Charge Pump Assembly		
8	300400312	1	O Ring		
9	300400305	1	Gasket, Charge Pump		

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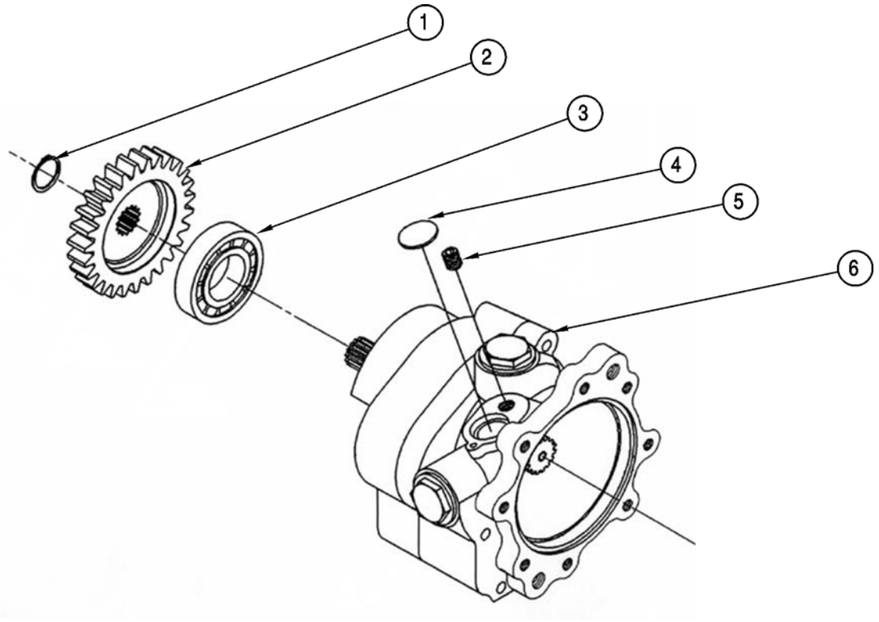
Charge Pump Gear



Item	Part Number	Qty	Description	Size	Comments
1	300400317	1	Snap Ring		
2	300400316	1	Gear, Charge Pump Drive		
3	300400315	1	Bearing, Drive Gear		
4	300400319	1	Expansion Plug		
5	300400318	1	Capscrew for Expansion Plug		
6	300400304	1	Charge Pump Assembly		

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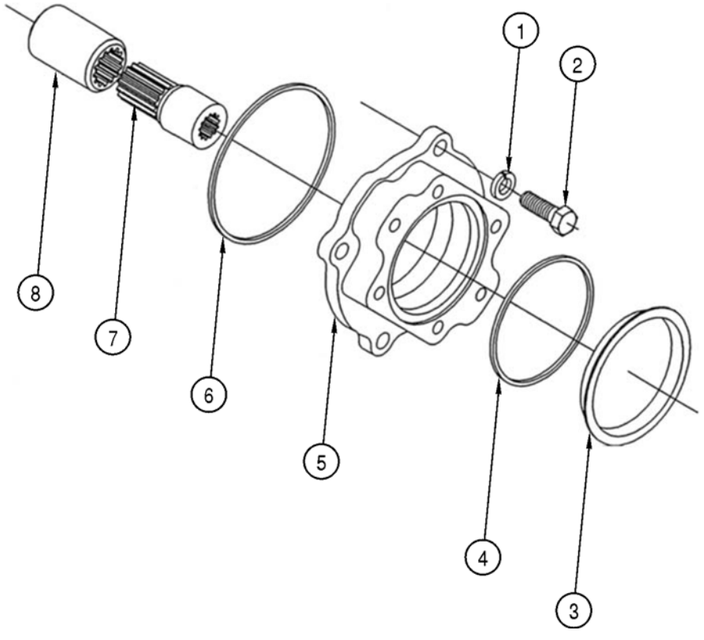
Auxiliary Pump Adapter



Item	Part Number	Qty	Description	Size	Comments
1	300400327	4	Washer, Lock		
2	300400130	4	Capscrew		
3	300400322	1	Plug, Shipping		
4	300400324	1	O Ring		
5	300400323	1	Adapter Plate, Auxiliary Pump Drive		
6	300400325	1	O Ring		
7	300400321	1	Sleeve Adapter, Inner		
8	300400320	1	Sleeve Adapter		

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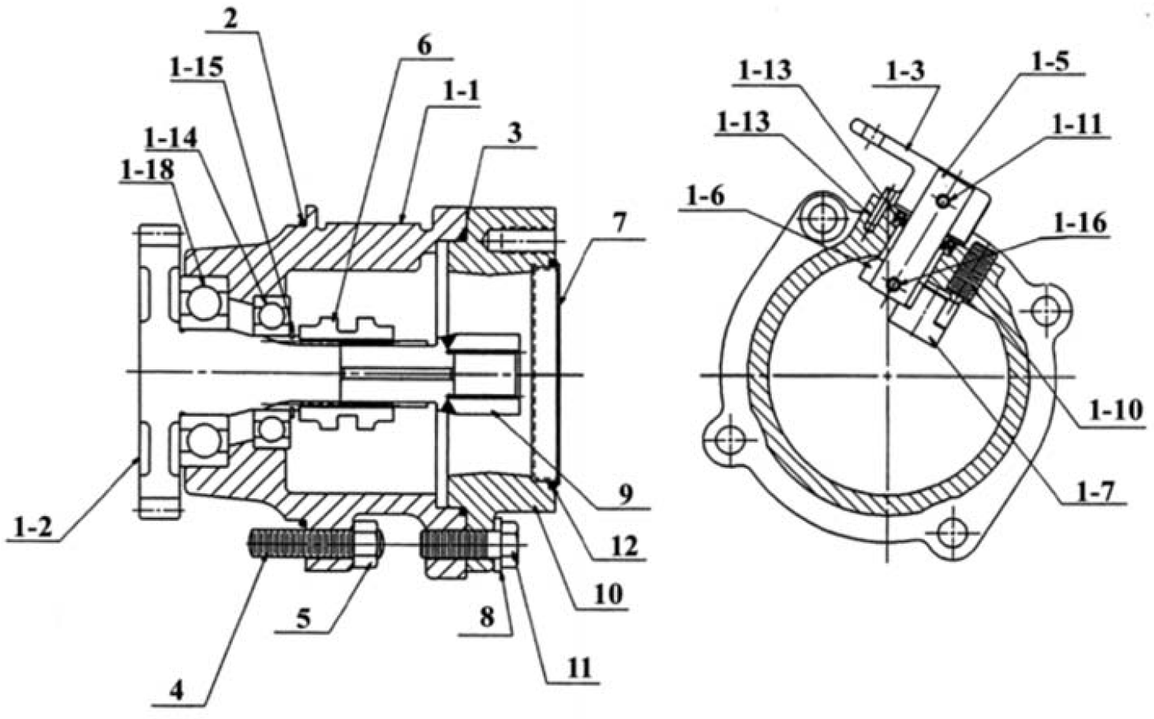
Auxiliary Pump with Adapter Assembly



Item	Part Number	Qty	Description	Size	Comments
1-1	300400331	1	Housing, Auxiliary Pump Drive		
1-2	300400332	1	Drive Gear, Auxiliary Pump		
1-3	300400333	1	Arm, Shift, Disconnect		
1-5	300400334	1	Shaft, Disconnect		
1-6	300400335	1	Block Detent		
1-7	300400336	1	Fork, Disconnect		
1-10	300400344	1	Spring Plunger		
1-11	300400337	1	Pin, Roll		
1-13	300400338	1	Pin		
1-13	300400338	1	Pin		
1-14	300400339	1	Bearing		
1-15	300400340	1	Snap Ring		
1-16	300400341	1	Pin, Roll		
1-18	300400342	1	Bearing		
2	300400309	1	O Ring		
3	300400325	1	O Ring		
4	300400355	4	Stud		
5	300400329	4	Nut		
6	300400330	1	Disc Sleeve		
7	300400322	1	Plug, Shipping		
8	300400327	4	Washer, Lock		
9	300400321	1	Adapter, Sleeve Assembly		
10	300400323	1	Adapter Plate, Auxiliary Pump Drive		
11	300400024	4	Capscrew		
12	300400324	1	O Ring		

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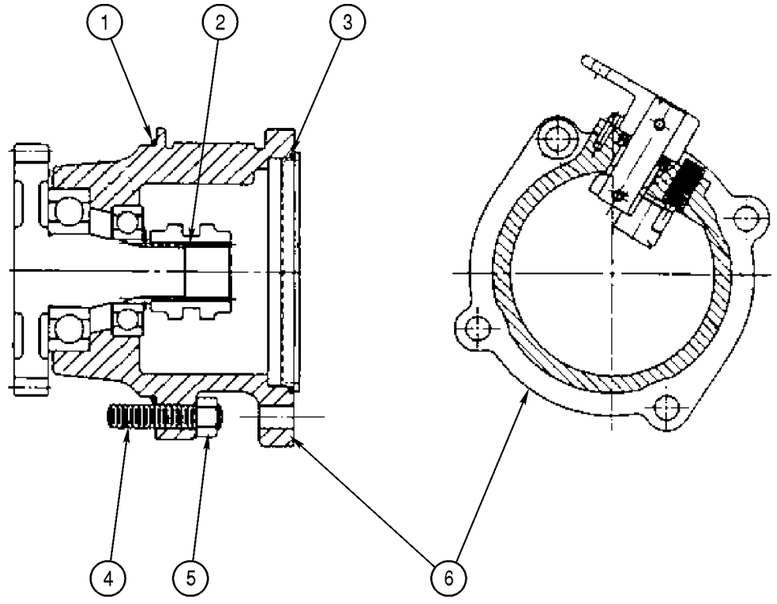
Auxiliary Pump Drive Housing



Item	Part Number	Qty	Description	Size	Comments
1	300400325	1	O Ring		
2	300400330	1	Disconnect Sleeve		
3	300400326	1	O Ring		
4	300400355	4	Stud		
5	300400329	4	Nut		
6	300400328	1	Complete Auxiliary Pump Drive Assy		

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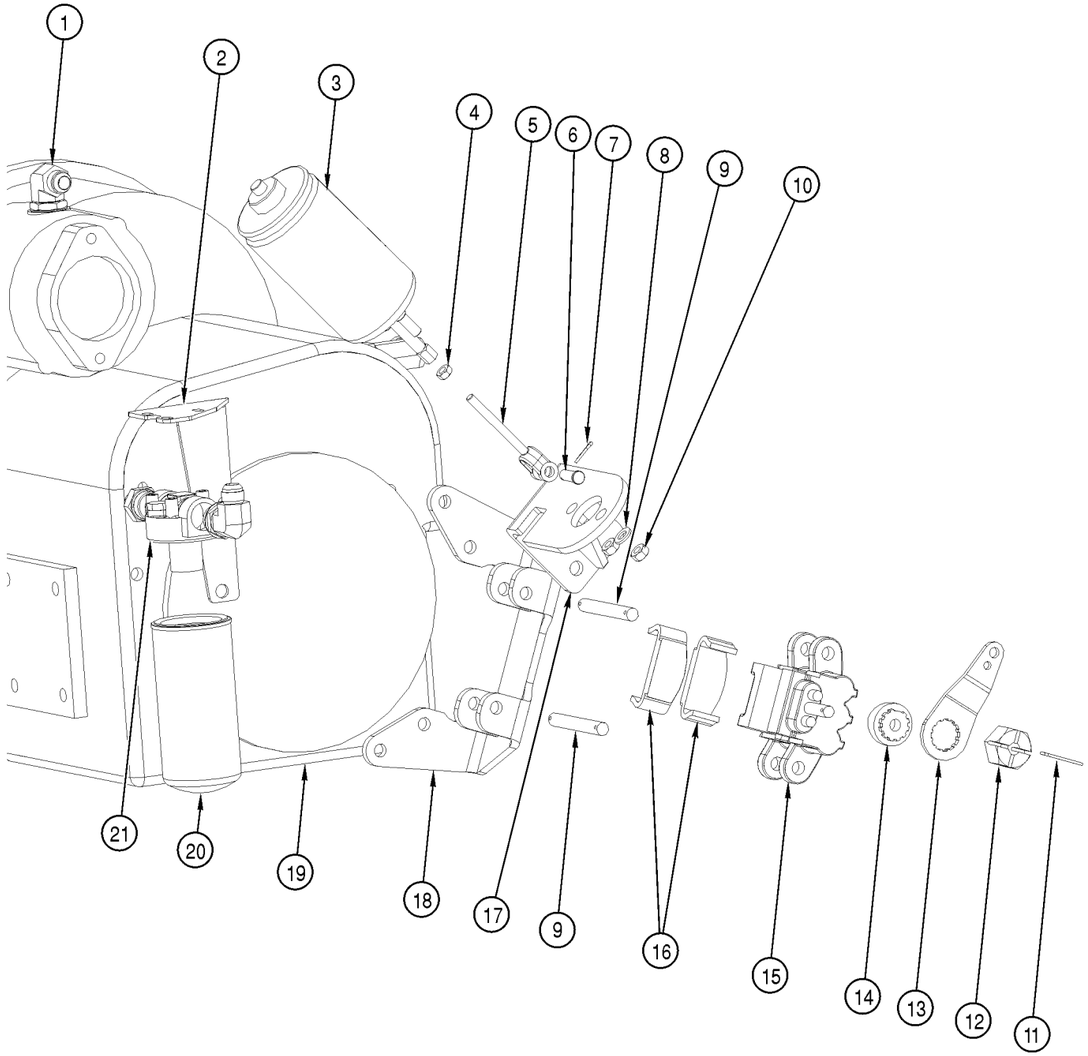
Parking Brake Assembly



Item	Part Number	Qty	Description	Size	Comments
1	800404254	1	Fitting, 12 FLF X 16 ORM 90		
2	390000511	1	Bracket, Transmission Filter		
3	350000351	1	Parking Brake Can		
4	901100460	1	Nut, Jam M10 X 1.50		
5	350000353	1	Clevis, Adjuster for Park Brake Can		Includes Pin & Cotter Pin, Not used on ITL 6 SPD
6	N/A	1	Pin Adjuster Clevis Brake Can		Included with #5
7	N/A	1	Cotter Pin		Included with #5
8	902003047	2	Washer, Lock M12		
9	300400354	2	Pin Caliper Funk		
10	901100466	2	Nut, M12 X 1.75		
11	NSS	1	Cotter Pin		Included with #15
12	NSS	1	Retainer, Linkage Arm		Included with #15
13	NSS	1	Linkage Arm		Included with #15
14	NSS	1	Pivot		Included with #15
15	300400346	1	Caliper Assembly Funk		Includes caliper bracket, pins, and linkage arm
16	301300062	2	Brake Pad Funk		Included with #15, Takes two per Machine
17	390000513	1	Bracket, Funk Park Brake Can		
18	NSS	1	Bracket, Brake Caliper Assembly		Included with #15
19	350000311	1	Transmission, Funk 6 Speed		
20	300100110	1	Filter, Transmission Funk		
21	300100111	1	Filter Housing Funk Transmission		

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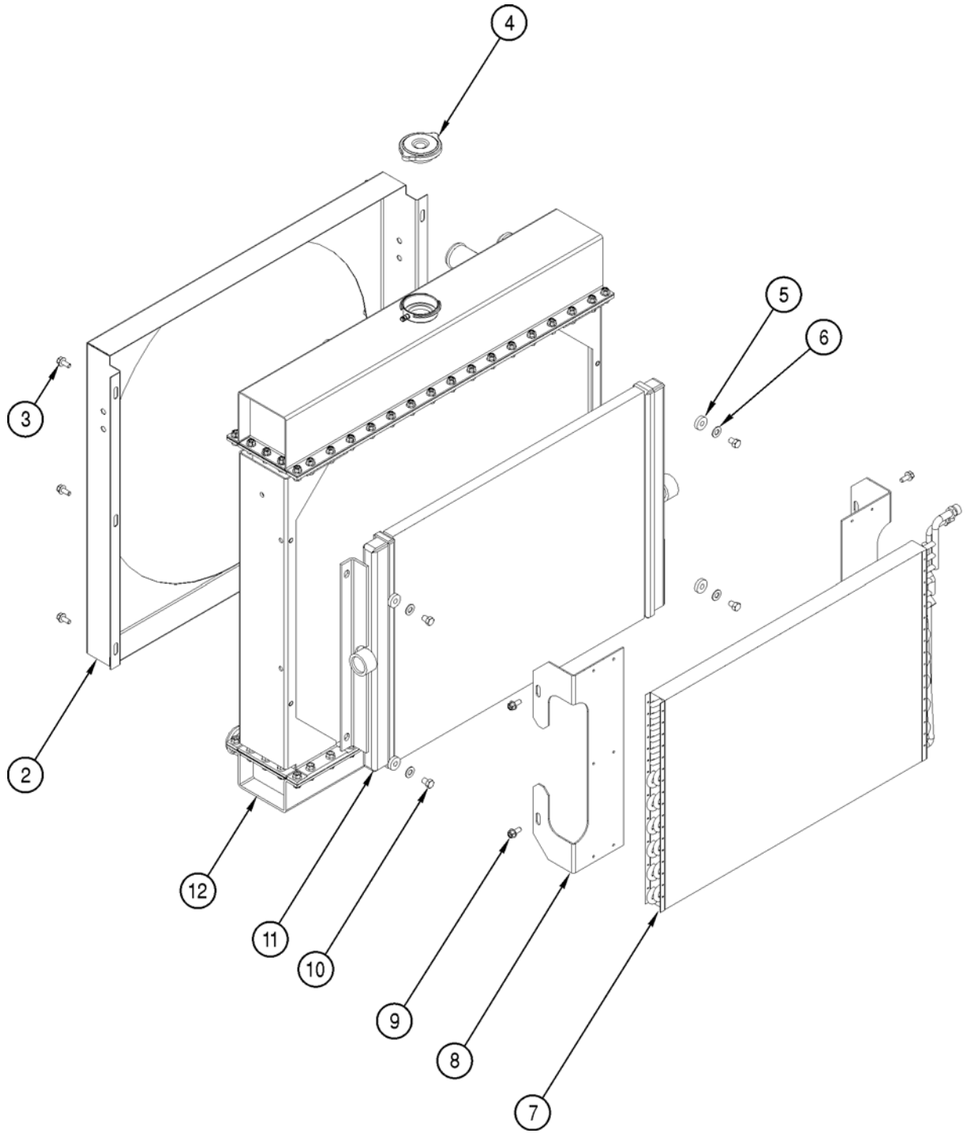
Cooling Package
AS710



Item	Part Number	Qty	Description	Size	Comments
1	201200064	1	Complete Cooling Package		Includes everything on this page
2	201200085	1	Fan Shroud		
3	901000511	6	Mounting Bolt	5/16-18 X .50	
4	201200093	1	Radiator Cap		
5	201200090	4	Washer, Rubber	3/8 X 1/4	
6	902003040	4	Washer, Flat	5/16	
7	201200087	1	A/C Condenser		
8	201200089	2	Support Bracket		For A/C Condenser
9	901000511	4	Mounting Bolt	5/16-18 X .50	
10	901000511	4	Mounting Bolt	5/16-18 X .50	
11	201200084	1	Hydraulic Cooler		
12	201200078	1	Radiator/Transmission Cooler		Transmission cooler is part of bottom tank

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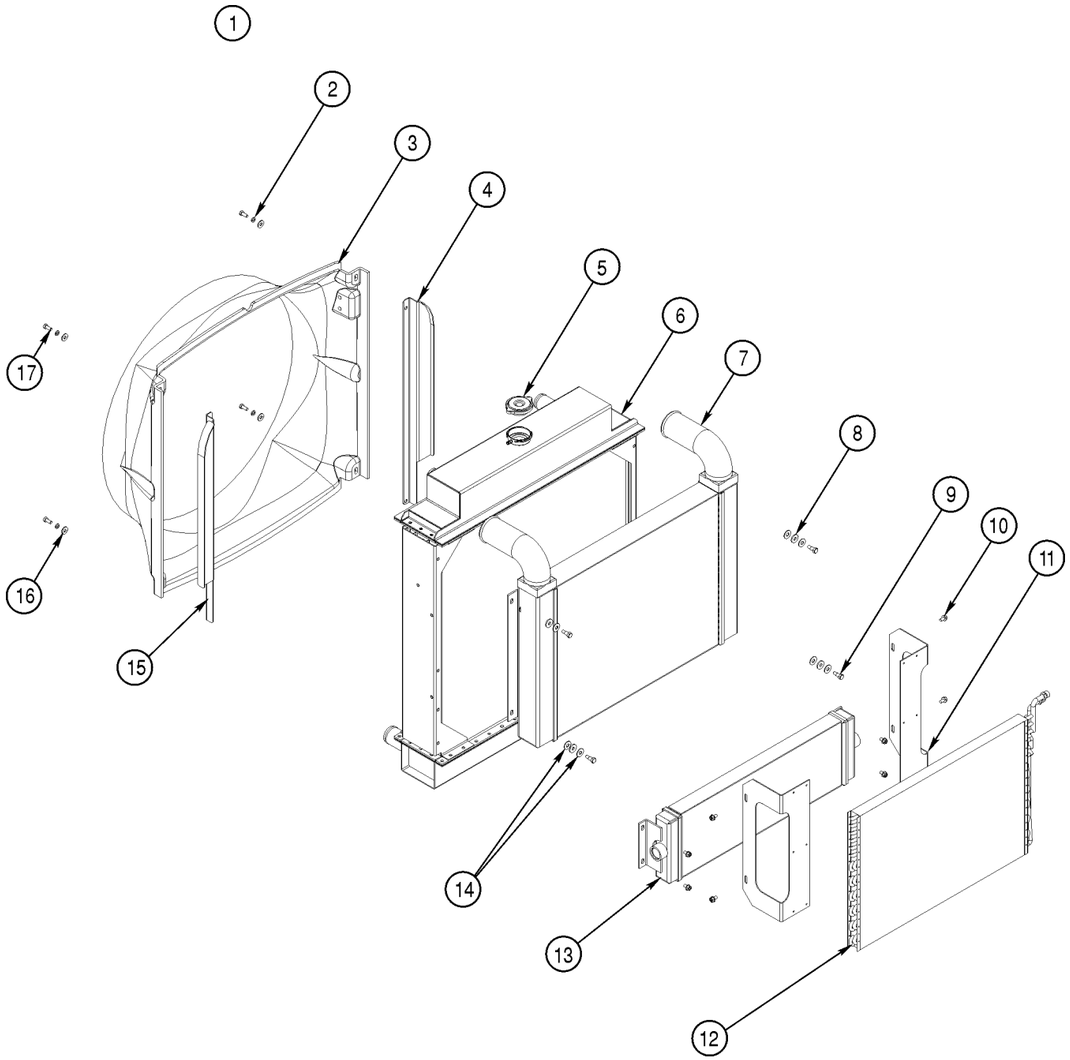
AS1010 & AS1210 • Cooling Package

AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	201200122	1	Complete Cooling Package Assembly		Includes everything except shroud and hood guides
2	902201095	4	Washer, Lock 5/16		
3	201200114	1	Shroud, Fan Cummins Tier III		
4	201200123	1	Guide, Hood Cummins Left Hand (07)		
5	201200093	1	Cap, Radiator		
6	201200137	1	Radiator/Transmission Cooler Cummins		Transmission cooler is part of the bottom tank
7	201200138	1	Charge Air Cooler Cummins (07)		
8	901000245	4	Washer, Rubber 3/8 X 1/8 Thick		
9	900106524	4	Bolt, Shoulder 3/8 X 1/2 Long		
10	901000511	6	Mounting Bolt, Flanged 5/16-18 X 1/2		
11	201200088	2	Bracket, Support A/C Condenser		
12	201200087	1	A/C Condenser		
13	201200139	1	Cooler, Hydraulic Tier III Cummins		
14	902003200	8	Washer, Flat 3/8		
15	201200124	1	Guide, Hood Cummins Right Hand (07)		
16	902003195	4	Washer, Flat 5/16 Grade 5		
17	900002600	4	Bolt, HHCS 5/16-18 X 3/4		

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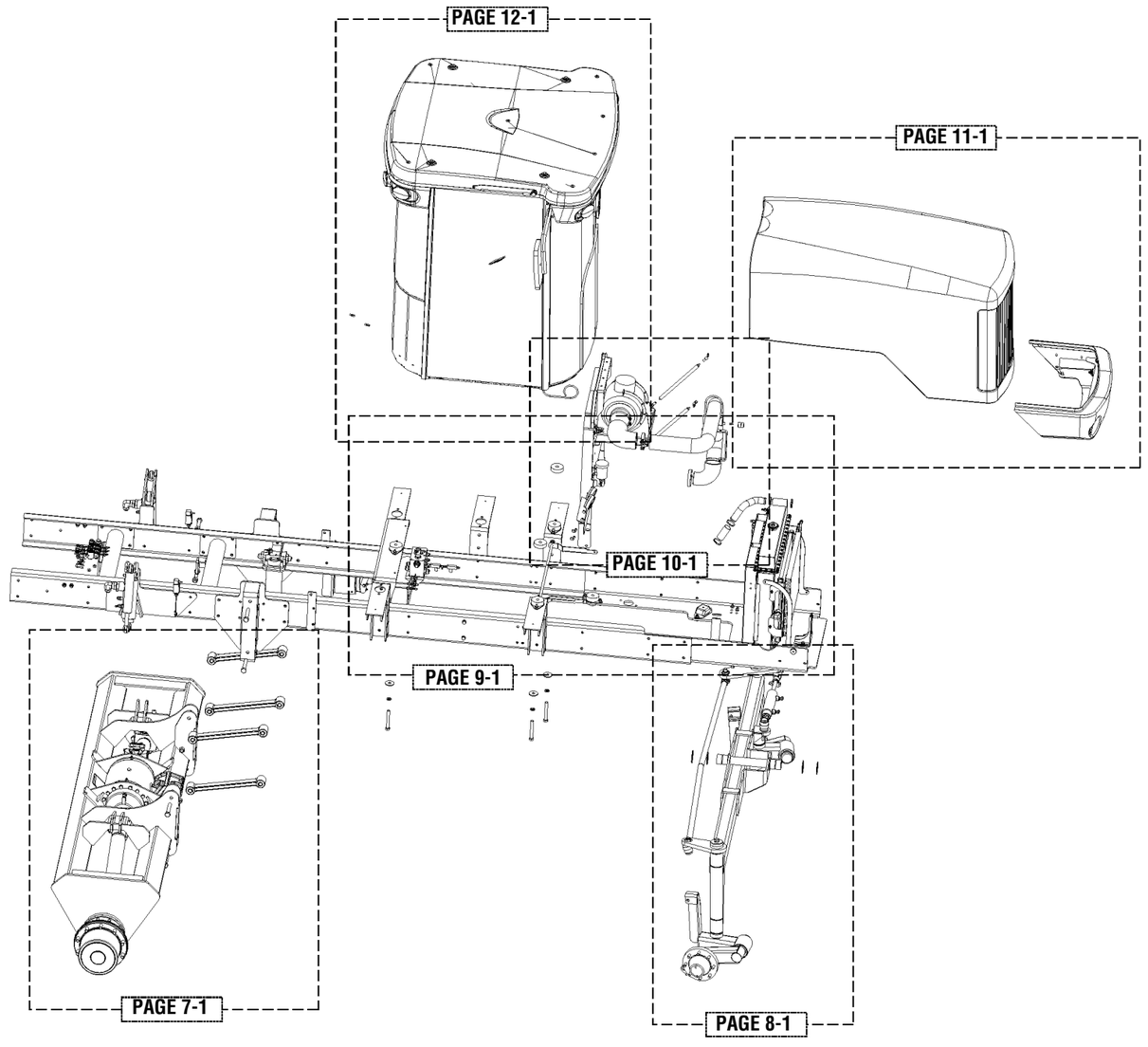

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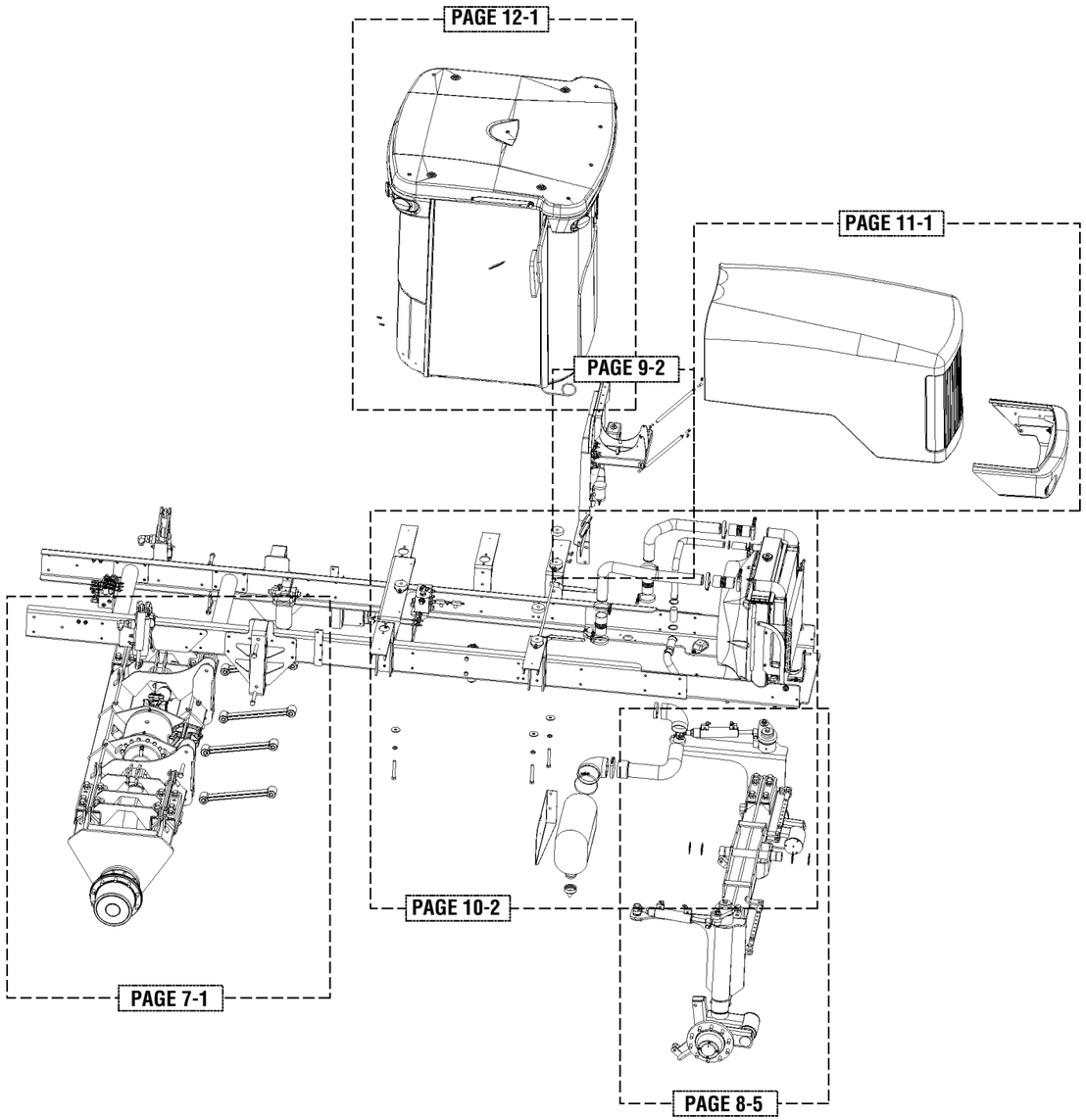

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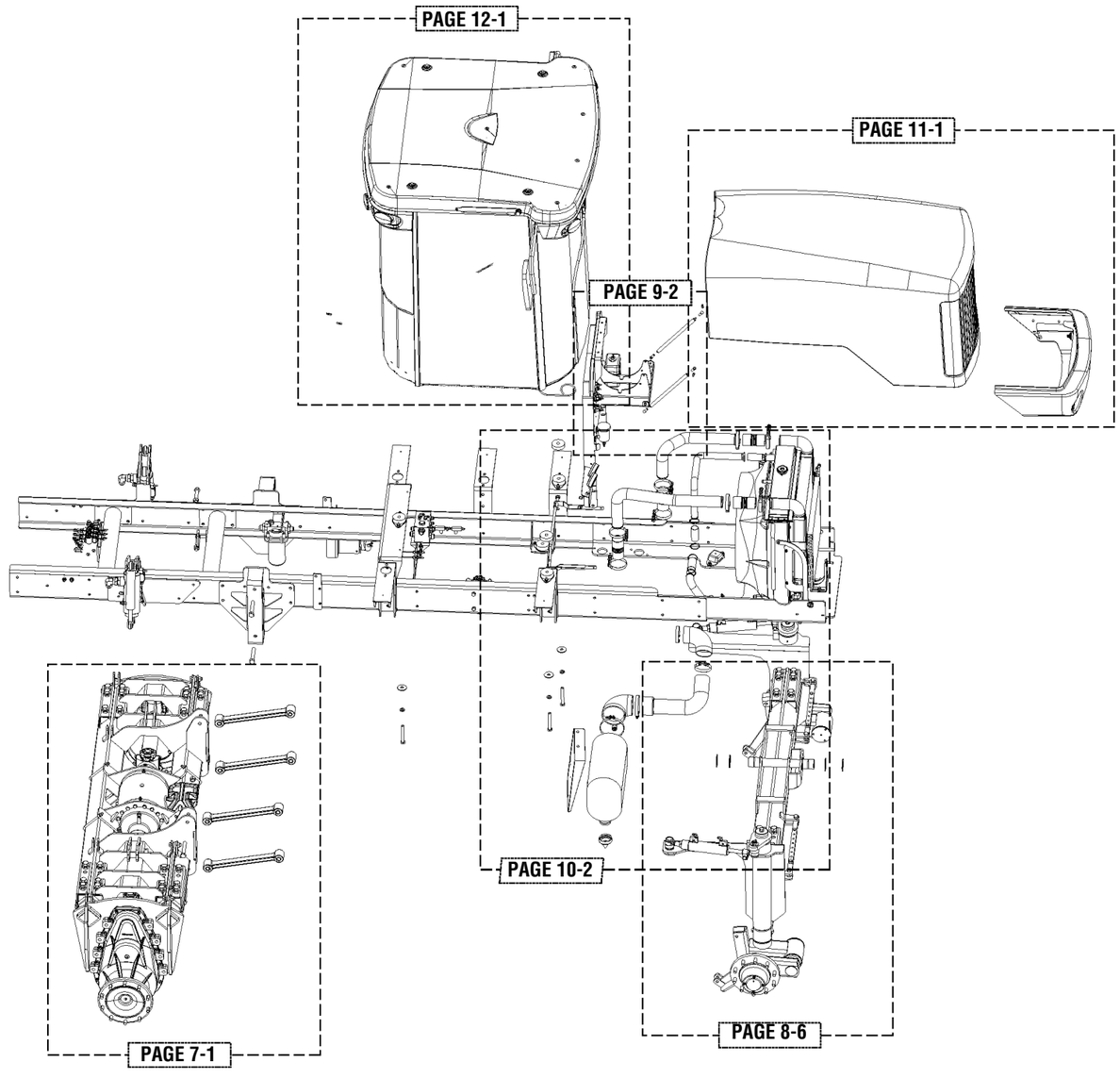

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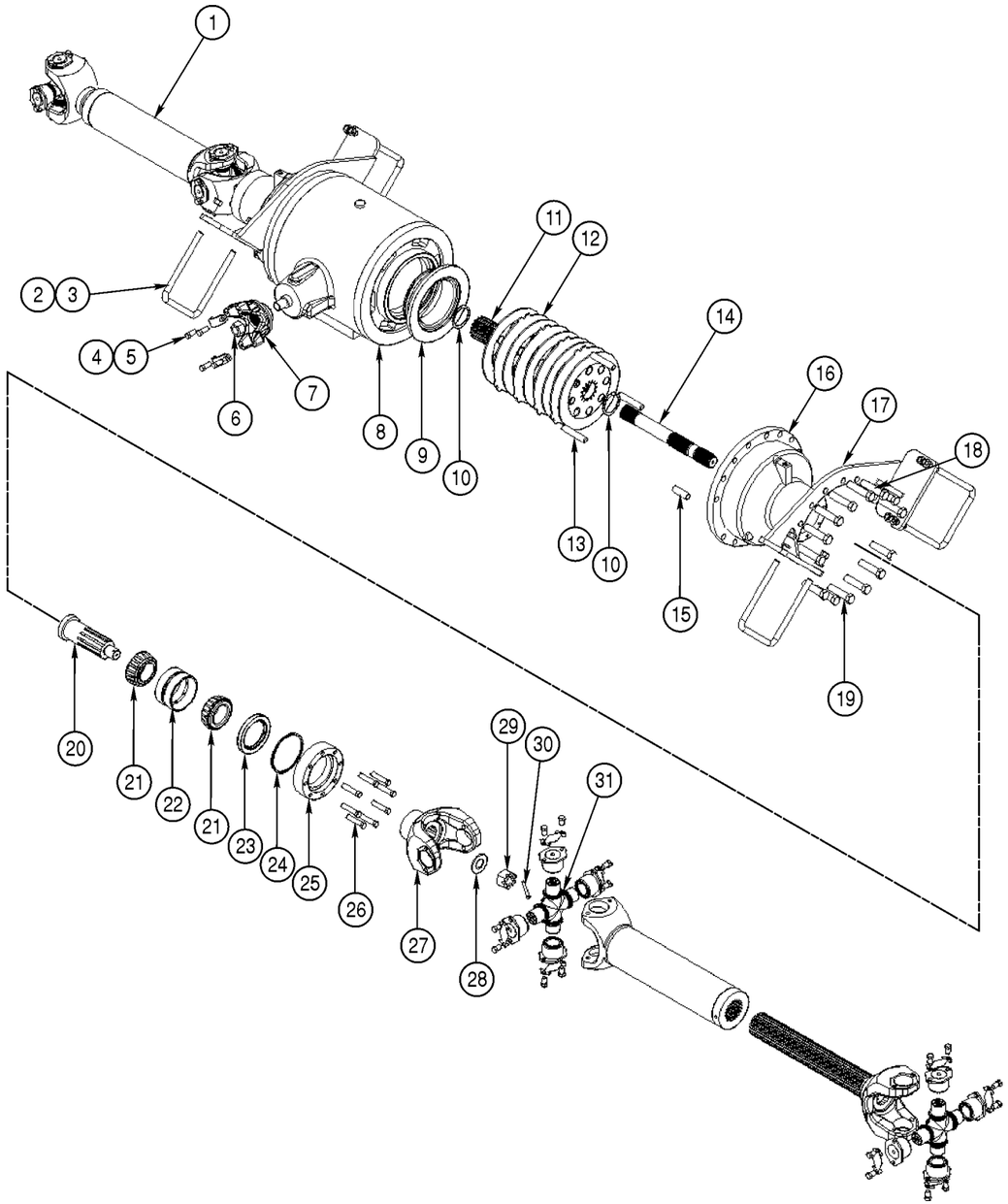
Rear Axle
AS710, AS1010 & AS1210
Drive Components



Item	Part Number	Qty	Description	Size	Comments
1A	100105031	2	Drive Shaft Diff to Wheel (Female only)		34” or 42” Crop Clearance on 120”-144” Spacing
1B	351001000	2	Drive Shaft Diff to Wheel (Male only)		34” or 42” Crop Clearance on 120”-144” Spacing
1C	351001008	2	Drive Shaft Diff to Wheel (Female only)		48” Crop Clearance on 120”-144” Spacing
1D	351001007	2	Drive Shaft Diff to Wheel (Male only)		48” Crop Clearance on 120”-144” Spacing
1E	351001005	2	Drive Shaft Diff to Wheel (Complete)		48” Crop Clearance on 88” Spacing
1F	351001012	2	Drive Shaft Diff to Wheel (Complete)		48” Crop Clearance on 105”-114” Spacing
1G	351001013	2	Drive Shaft Diff to Wheel (Complete)		42” Crop Clearance on fixed 120” AS710
2	915002562	4	Axle U Bolt 1/2-13 X 8		
3	901003040	8	Nut, Nylock 1/2-13		”
4	301100200	1	U Strap Kit		
5	301100300	1	U Joint Kit		
6	301200215	1	Stake Nut and Washer		
7	301200205	1	Yoke Rear Axle Pinion		
8A	350000152	1	Differential, Center High Speed		Used on AS1010 and AS1210
8B	350000153	1	Differential, Center Low Speed		Used on AS710
9	301200256	2	Brake Piston		Seals for piston 301200250(large) 301200251(small)
10	301200345	4	Circlip, External		Included in Brake Kit
11	301200340	2	Carrier, Brake Plate		Included in Brake Kit
12A	350000155	2	Brake Kit		Includes carrier, circlips, friction & carrier plates
12B	300000718	12	Counter Plate, Brake		Included in Brake Kit
12C	300000719	10	Friction Plate, Brake		Included in Brake Kit
13	301200325	6	Reaction Pin		
14	351000401	2	Axle, Splined Shaft, Differential		
15	904303010	2	Dowel Pin, 3/8 X 1 1/4		Used in the end of the axle shaft in the differential
16	351000601	2	Brake Housing		
17	100105120	2	Support, Differential		
18	900002359	16	Bolt, M16 X 2.0 X 80 Grade 8.8		Through differential Support and brake housing
19	900002358	12	Bolt, M16 X 2.0 X 70 Grade 8.8		Through brake housing and into differential only
20	351000800	2	Internal/External Splined Shaft		
21	351000701	4	Bearing Cone		
22	351000702	2	Bearing Cup		Holds two bearings
23	351000703	2	Oil Seal		
24	351000704	2	O Ring		Used behind bearing cap
25	351000700	2	Cap, Bearing		
26	900005565	16	Bolt, HHCS 3/8-24 X 2		
27	350000700	2	Yoke, Splined		
28	100106022	2	Washer, 3/16” Thick Spindle		
29	100106023	2	Nut, Castle 1-14		
30	100106021	2	Cotter Pin, Spindle		
31	350000600	4	U Joint Kit		

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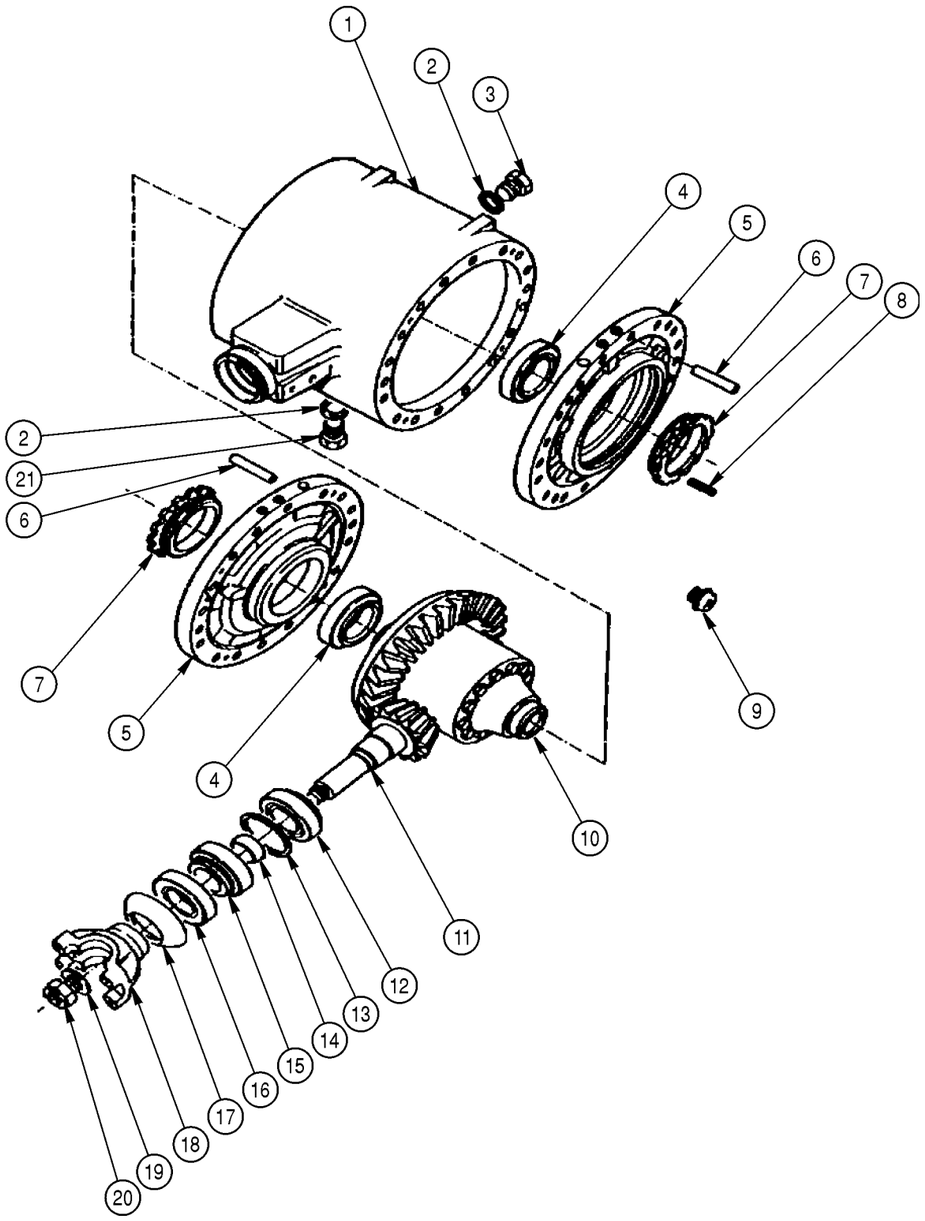
Rear Axle • AS710, AS1010 & AS1210

AS710, AS1010 & AS1210
Differential



Item	Part Number	Qty	Description	Size	Comments
1	301200255	1	Casing Differential JCB		
2	301200240	2	Seal, Bonded 3/4” BSP		
3	301200235	1	Plug, Filler		
4	301200295	2	Bearing, Taper Roller		
5	300000717	2	Housing, Brake Piston		
6	300000728	4	Dowel		
7	300000729	2	Nut, Side Differential		
8	300000730	2	Pin, Tension		
9	300000731	8	Capscrew		
10	300000721	1	Inner Differential, Limited Slip Assy.		
11A	350000050	1	Crown and pinion for high speed differential		Used in High Speed Differential on 200HP and up; Includes P/N 350000051: Crownwheel, pinion, input yoke and M30 stake nut.
11B	350000051	1	Crown and pinion for low speed differential		Used in Low Speed Differential on 170HP and lower; Includes crownwheel, pinion, input yoke and M30 stake nut.
12	301200300	1	Bearing, Inner Pinion		
13	301200305	1	Shim Kit		
14	301200190	1	Spacer, Collapsible		Solid Spacers also available but require special tool
15	301200195	1	Bearing, Taper Roller, Outer Pinion		
16	301200200	1	Seal, Pinion		
17	N/A	1	Cap		No longer used, Incorporated into the Yoke
18	301200205	1	Yoke, Pinion		
19	NSS	1	Washer		Included with the Stake Nut, One Part
20	301200215	1	Nut, Stake and Washer, M24		
21	301200245	1	Plug, Magnetic Drain, 3/4” BSP”		

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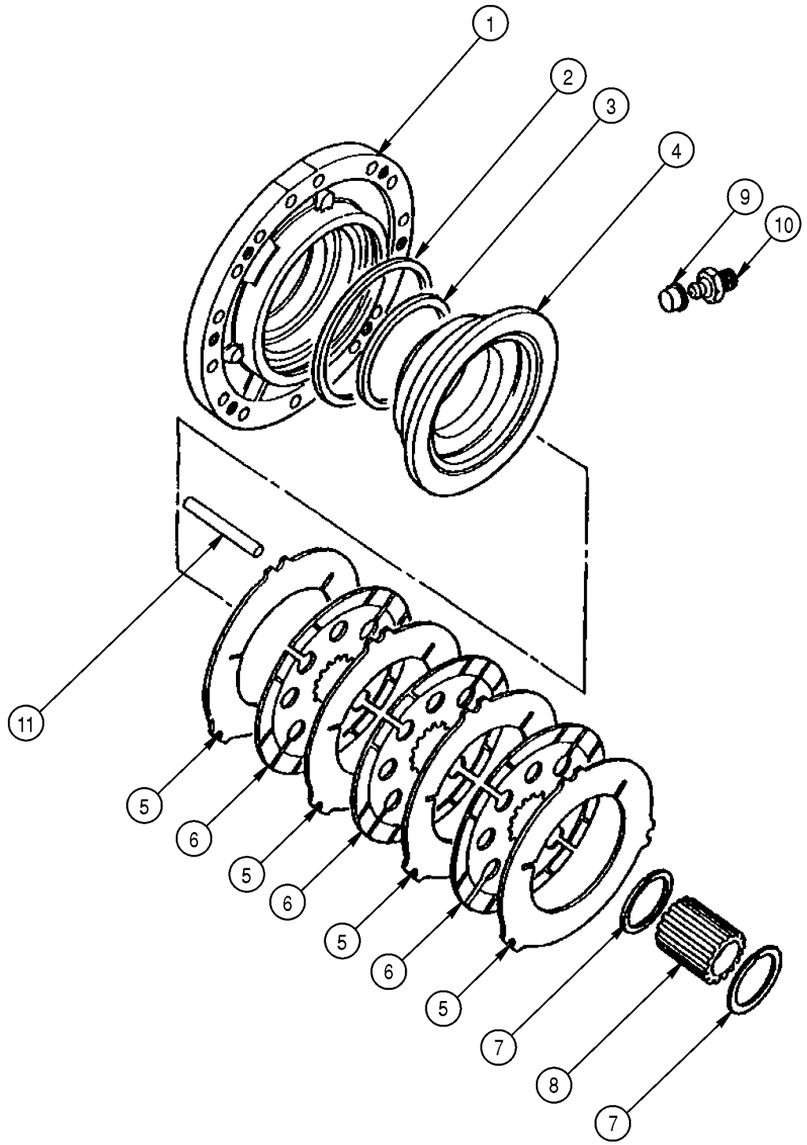
Differential Brake Assembly



Item	Part Number	Qty	Description	Size	Comments
1	300000717	2	Housing, Brake Piston		
2	301200250	2	Seal, Brake Piston JCB Large		
3	301200251	2	Seal, Brake Piston JCB Small		
4	301200256	2	Piston, Brake		
5	300000718	12	Counter Plate, Brake		Included in Brake Kit
6	300000719	10	Friction Plate, Brake		Included in Brake Kit
7	301200345	4	Circlip, External		Included in Brake Kit
8	301200340	2	Carrier, Brake Plate		Included in Brake Kit
9	301200355	2	Cap		
10	301200021	2	Nipple, Bleed		
11	301200325	6	Pin, Reaction		
	350000155	2	Brake Kit, Two per Differential		Includes plates, carrier, and circlips

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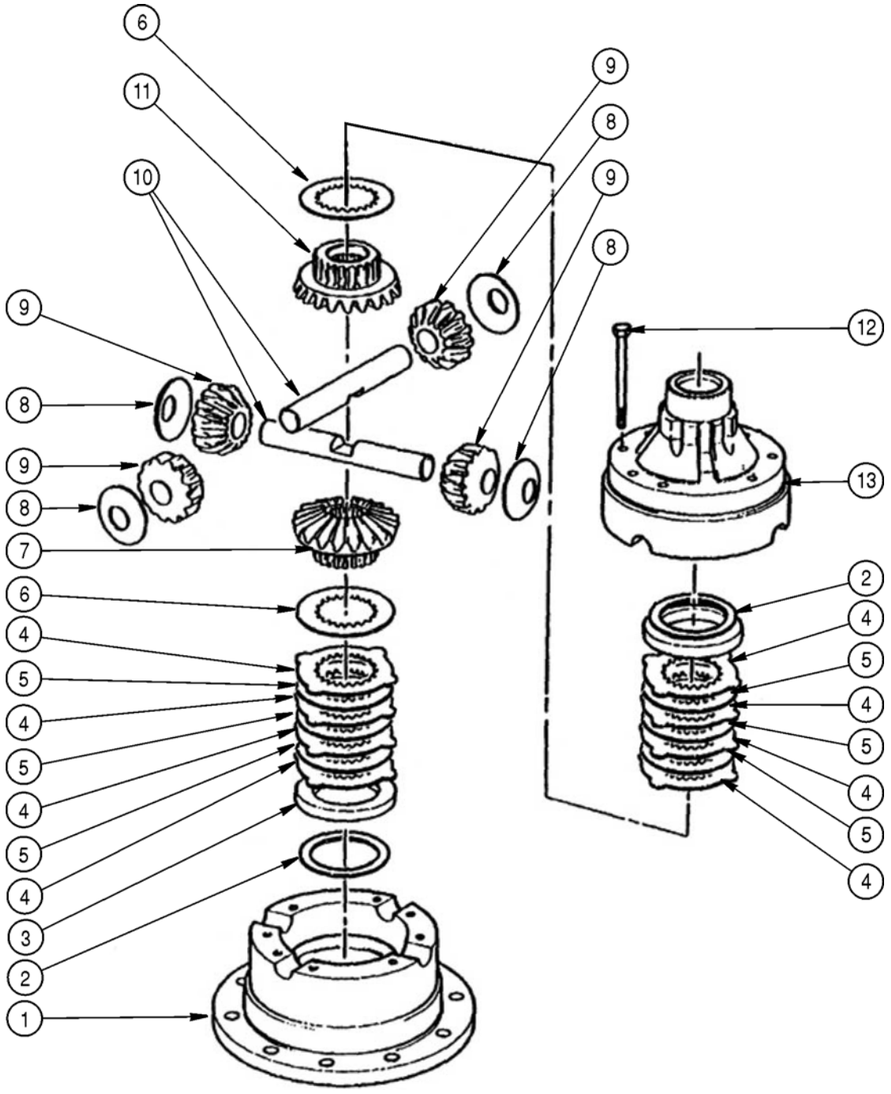
Differential (Limited Slip)



Item	Part Number	Qty	Description	Size	Comments
1	301200365	1	Casing, Limited Slip		
2	301200385	2	Shim, Kit		
3	301200410	4	Spacer		
4	301200380	6	Plate, Counter		
5	301200375	4	Plate, Friction		
6	301200370	2	Plate, Pressure		
7	301200405	1	Gear, Set, Differential		Includes all of the Limited Slip Gears
8	301200280	4	Washer, Thrust, Pinion		
9	NSS	4	Gear		Sold only as a Set, Included with 301200405
10	301200395	2	Pin, Trunnion		
11	NSS	2	Gear		Sold only as a Set, Included with 301200405”
12	301200247	8	Bolt, M10 X 80		
13	NSS	1	Casing, Limited Slip		Only sold as a set with both halves together
	300000721	1	Limited Slip, Assembly		Includes everything shown on this page

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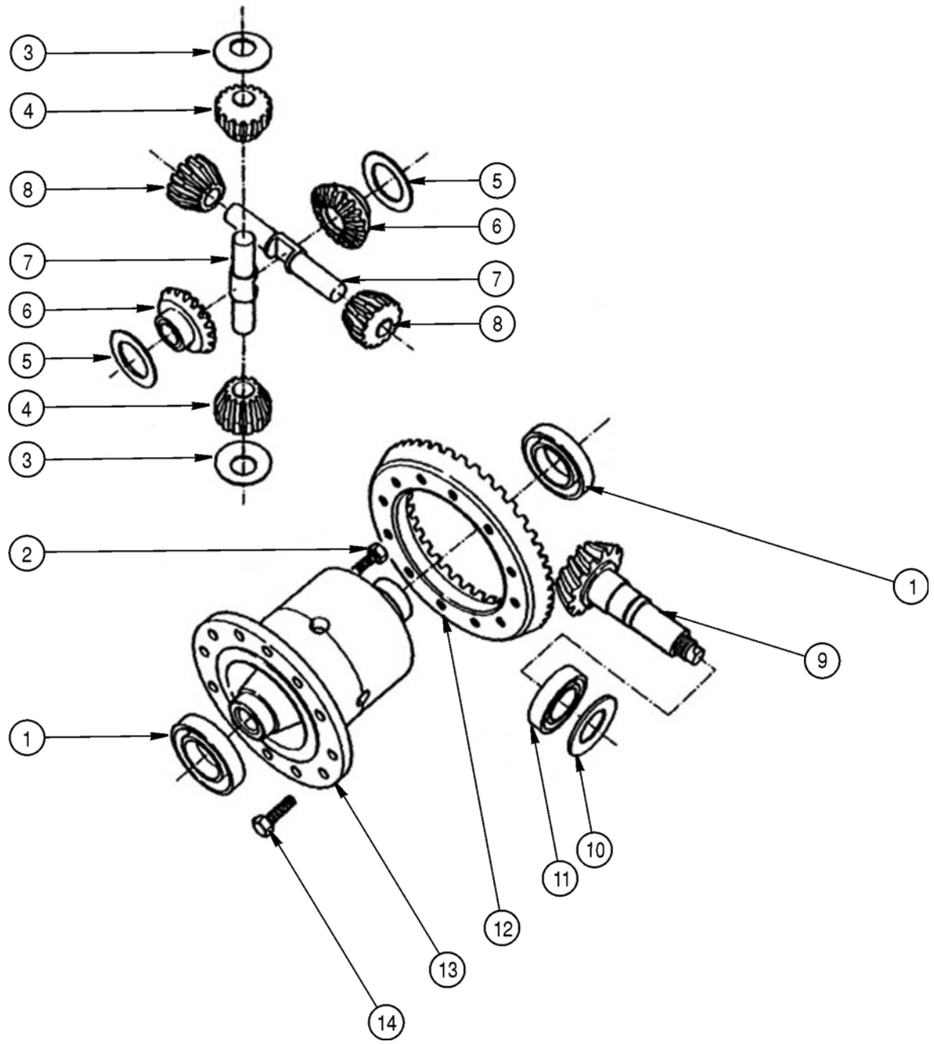
Differential Input



Item	Part Number	Qty	Description	Size	Comments
1	301200295	2	Bearing, Taper Roller		
2	301200247	8	Bolt, M10 X 80		
3	301200280	4	Washer, Thrust, Pinion		
4	301200405	1	Gear, Set, Differential		Includes all of the Internal gears for the limited slip
5	301200370	2	Plate, Pressure		
6	NSS	2	Gear		Sold with gear set 301200405
7	301200395	2	Pin, Trunnion		
8	NSS	4	Gear		Sold with gear set 301200405
9A	300000722	1	Crown Wheel and Pinion, 13T/33T		Used in High Speed Differential on 200HP & up
9B	301200285	1	Crown Wheel and Pinion, 11T/37T		Used in Low Speed Differential on 170HP & lower
10	301200305	1	Shim Kit		
11	301200300	1	Bearing, Inner Pinion		
12	NSS	1	Crown		Only sold with Pinion as an Assembly
13	300000721	1	Inner Differential, Limited Slip Assy.		
14	300000406	12	Bolt		Connects the Crown Wheel Limited Slip Assy

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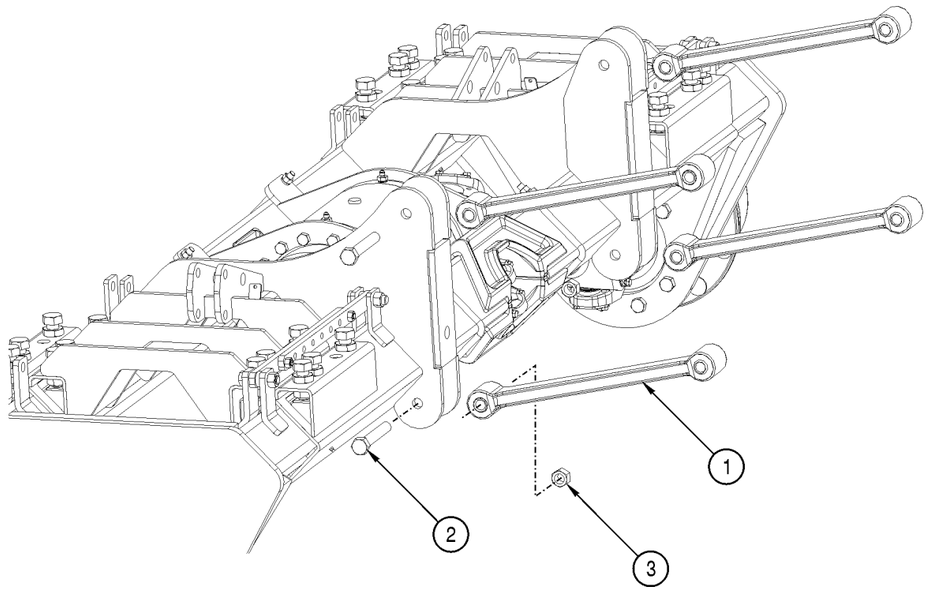
Torque Arm



Item	Part Number	Qty	Description	Size	Comments
1	352000000	4	Torque Arm		
2	900006895	8	Bolt, 7/8-14 X 5 1/2 G5		
3	901003085	8	Nut, Nylock 7/8-14 ZP		

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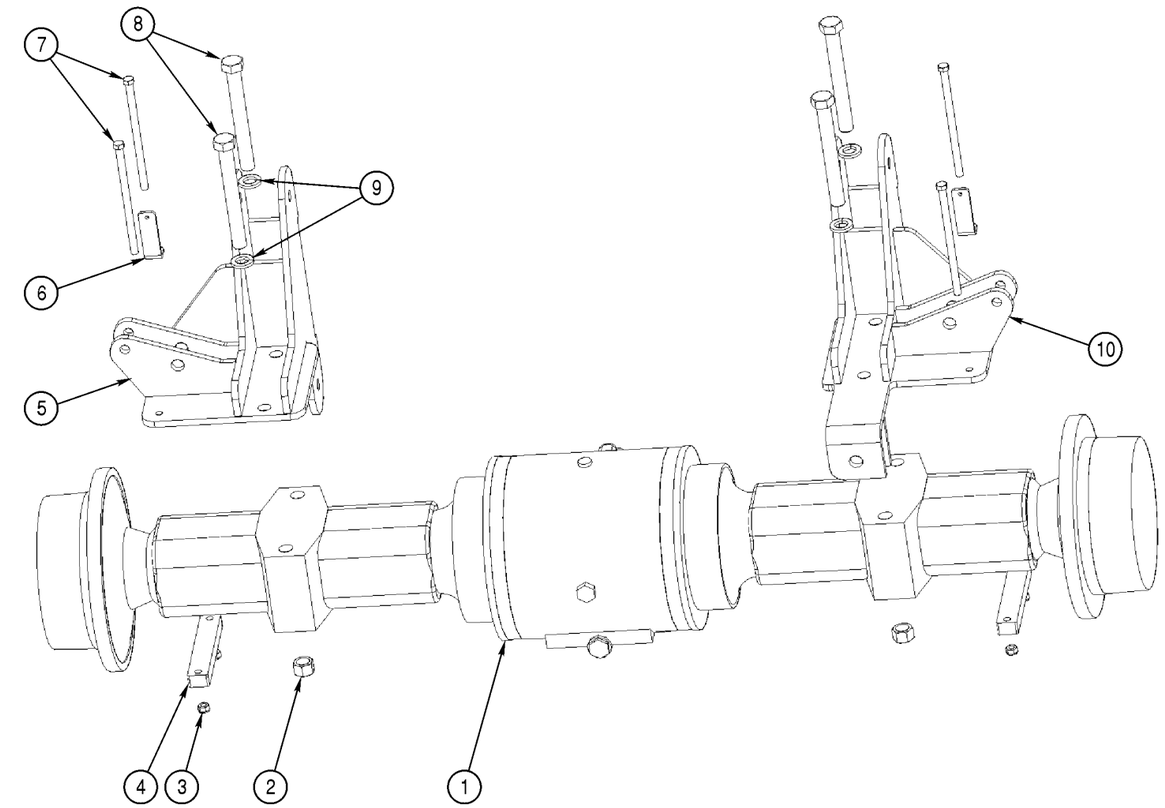
Rear Axle • AS710 Fixed 90”

AS710 FIxed 90”
(31” Crop Clearance)



Item	Part Number	Qty	Description	Size	Comments
1	350000100	1	Rear Axle Assembly 90” Spacing		Breather #301200060
2	901000595	4	Nut, 1-14		
3	901003040	4	Nut, Nylock 1/2-13		
4	100108022	2	Clamp Bar, Rear Axle PD70		
5	100108020	1	Bracket, Suspension Axle Left		
6	100108060	2	Bracket, Suspension Leveling		
7	900007037	4	Bolt, 1/2-13 X 9		
8	900007036	4	Bolt, JCB Rear Axle 1-14 X 8 1/2		
9	902003090	4	Washer, Flat 1		
10	100108030	1	Bracket, Suspension Axle Right		
	301100005	1	Driveshaft, Rear Fixed 90” on 31CC		Not shown

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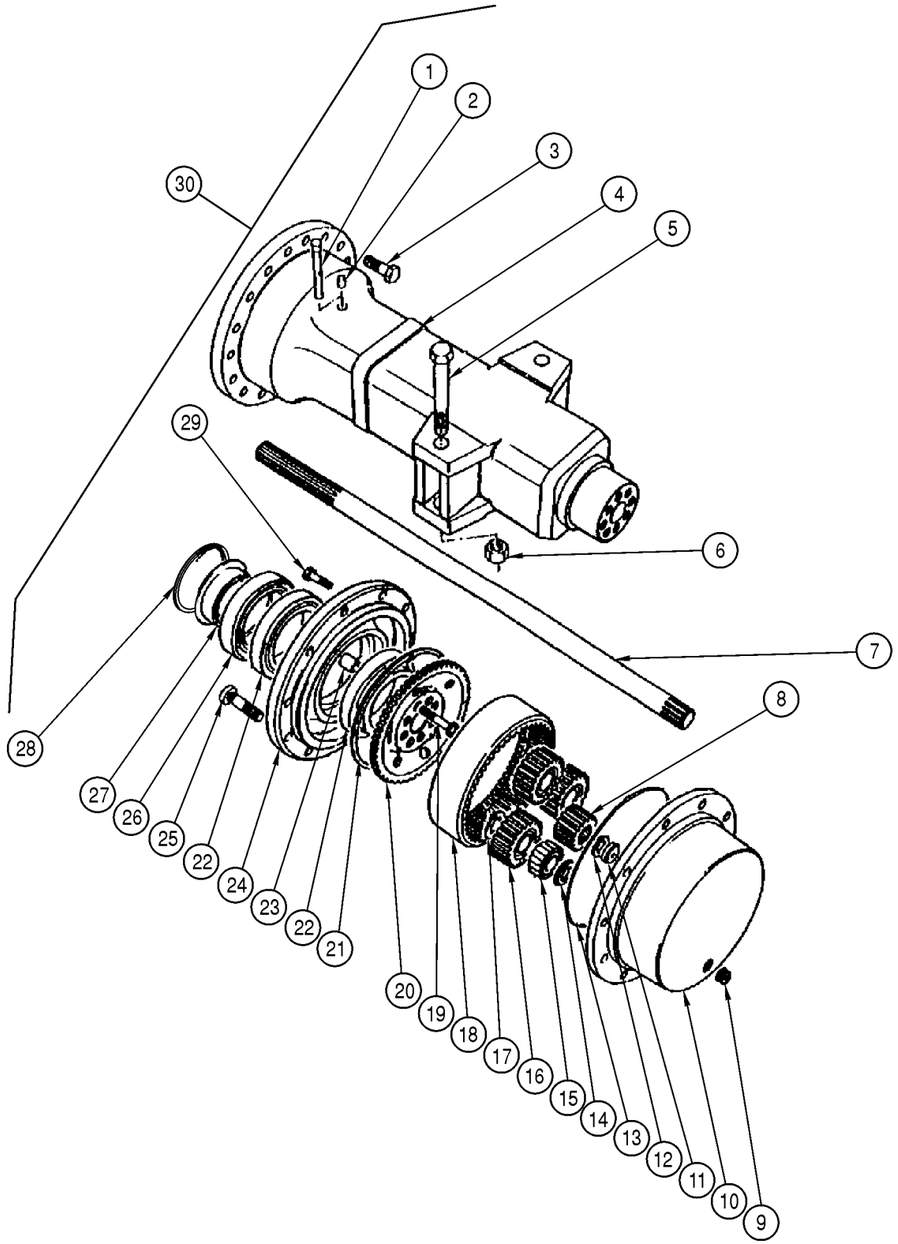
Rear Axle • AS710 Fixed 90”

(Solid Axle)



Item	Part Number	Qty	Description	Size	Comments
1	301200060	2	Breather		
2	301200065	A/R	Plug, Breather		
3	301200000	28	Bolt		
4	350000125	2	Casing, Axle Arm, 976MM Long		
5	900007036	4	Bolt, JCB Rear Axle 1-14 X 8 1/2		
6	901000595	4	Nut, 1-14		
7	350000130	2	Shaft, Axle Drive		
8	301200075	2	Gear, Sun, 45MM Long		
9	301200110	2	Plug, Tapered, 3/4-14PTF		
10	301200045	2	Carrier, Planetary Hub		
11	301200030	2	Pad, Thrust		
12	301200031	2	Circlip, External		
13	301200135	2	O Ring		
14	301200090	12	Circlip		
15	301200145	6	Bearing, Roller, Double Row		
16	301200025	6	Gear, Planet		
17	301200010	6	Circlip		
18	301200020	2	Gear, Annulus Ring		
19	301200420	16	Bolt, M14 X 70MM Long		
20	301200050	2	Carrier, Annulus		
21	301200095	2	Circlip, Internal, Square Section		
22	301200150	4	Bearing, Roller, Double Row		This includes both the bearing and race
23	301200055	16	Dowel, Hollow		
24	301200040	2	Hub, Without Studs, 5 Stud		
25	301200115	10	Stud, Wheel		
26	301200140	2	Seal, Oil		One Piece style used since May 1995
27	N/A	2	Second half of Oil Seal		Only Sold as One Piece, Included with #27
28	301200066	A/R	Cover, Plate, Hub Seal		Used on very few axle and planetary assemblies
29	301200415	4	Bolt, Coated		
30	350000100	1	Axle, PD70 Assembly 18.16:1 LSD		Complete assembly of 90” Fixed Rear Axle

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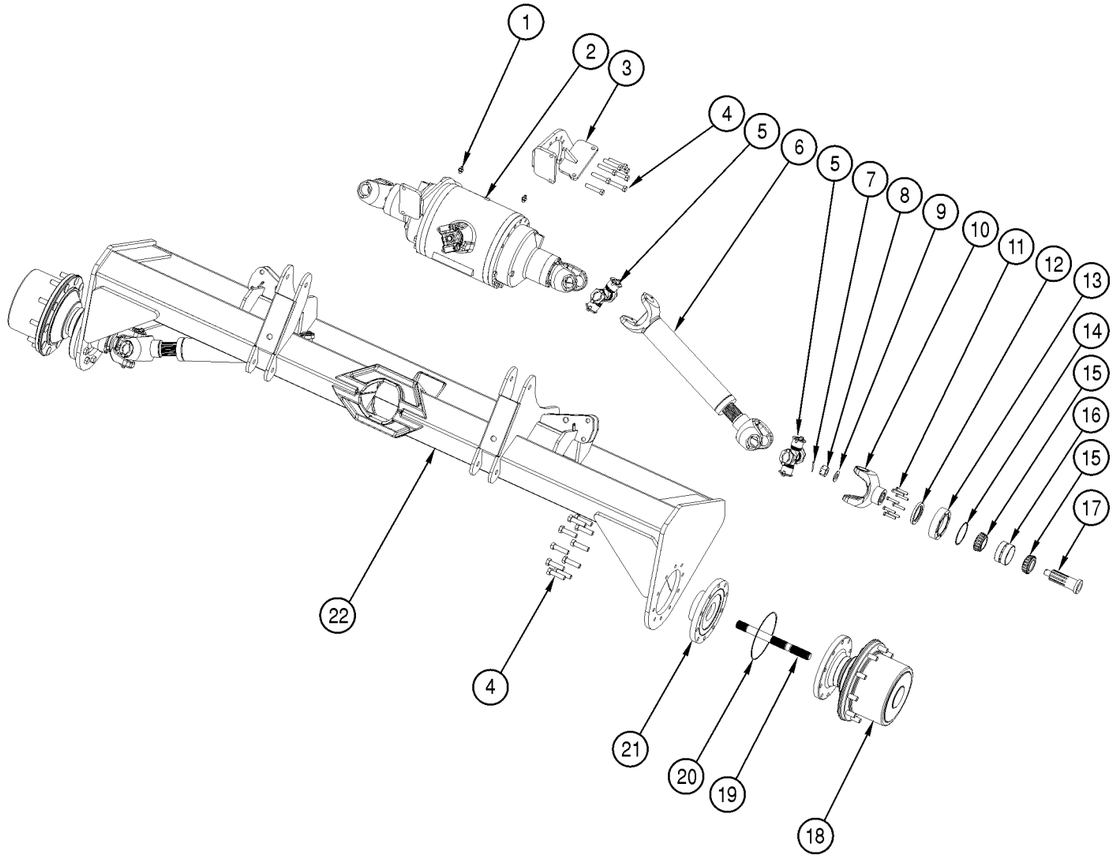
Rear Axle • AS710 Fixed 120”

AS710 Fixed 120”
(40” Clearance)



Item	Part Number	Qty	Description	Size	Comments
1	800302172	2	Fitting, 4 FLM X 12MM OM W/Washer		Fitting for the brake hose that runs from hard lines
2	K65000044	1	Rear Differential, Low Speed 710		Complete assembly from yoke to yoke
3	100105120	2	Support, Differential		
4	900002359	36	Bolt, M16 X 2.0 X 80		Attach differential supports to differential
5	350000600	4	Kit Spicer U Joint		Includes caps bearings and bolts
6	351001013	2	Drive Shaft, 120” Assembly		Includes male and female from yoke to yoke
7	100106021	4	Cotter Pin Spindle		
8	100106023	4	Nut, Castle 1-14		
9	100106022	4	Washer, Flat 1, 3/16 Thick		
10	350000700	4	End Yoke Splined		
11	900005565	32	Bolt, 3/8-24 X 2.00		
12	351000703	4	Oil Seal		
13	351000700	4	Bearing Cap		Also holds oil seal in place
14	351000704	4	O Ring		Between Bearing cap and Yoke/Break Housing
15	351000701	8	Bearing Cone		
16	351000702	4	Bearing Cup		
17	351000800	4	Internal/External Spline Shaft		
18	350000151	2	Planetary Hub Assembly		
19	351000400	2	Axle Shaft, Planetary Hub		
20	351000706	2	O Ring		Between planetary and Yoke housing
21	351000900	2	Outer Yoke Housing		
22	100105111	1	Rear Axle, Fixed 120”		

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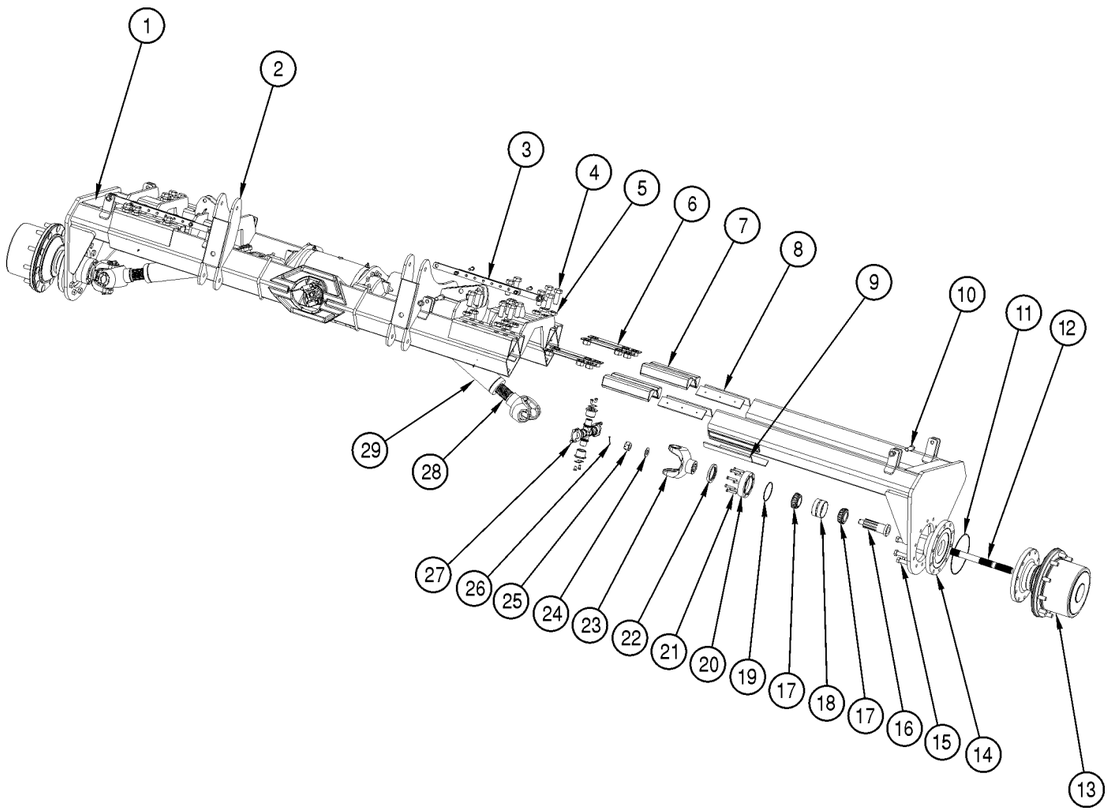
Station 2 Rear Axle • AS1010 (34” or 42” Crop Clearance)

AS1010 (34” or 42” Clearance)



Item	Part Number	Qty	Description	Size	Comments
1A	100105161	2	Axle, Rear Male Slider		34” Crop Clearance 120”-144” wheel spacing
1B	100105162	2	Axle, Rear Male Slider		42” Crop Clearance 120”-144” wheel spacing
2	100105160	1	Axle, Rear Center Female		120”-144” wheel spacing
3	100000314	4	Locking Bar		120”-144” wheel spacing
4	900007040	24	Bolt, HHCS 1-8		
5	901002090	24	Nut, Jam 1-8		
6	100105133	8	Clamp Bar		
7	100105134	8	Clamp Wedge Block Casting		Used on machines with manual wheel adjust
7A	100105144	8	Clamp Wedge Block Casting		Used on machines with Adjust on the Go
8	100200009	8	Wear Pad Under Wedge Block		Used on machines with manual wheel adjust
8A	100200008	8	Wear Pad Under Wedge Block		Used on machines with Adjust on the Go
9	100200013	8	Wear Pad Male Slider		
10	900006640	4	Bolt, HHCS 3/4-16 X 3		
11	351000706	2	O Ring		Used between back plate and Planetary
12	351000400	2	Axle Shaft, Planetary Hub		
13	350000151	2	Planetary Hub Assembly		Internal O Ring Part #301200135
14	351000900	2	Back Plate Planetary		
15	351000701	20	Bolt, M16 X 2 X 80 grade 8.8		
16	351000800	2	Internal/External Spline Shaft		
17	351000701	4	Bearing Cone		
18	351000702	2	Bearing Cup		Holds two bearings
19	351000704	2	O Ring		Used between cap and break housing or back plate
20	351000700	2	Cap		
21	900005565	16	Bolt, HHCS 3/8-24 X 2.00		
22	351000703	2	Oil Seal		
23	350000700	2	Yoke		
24	100106022	2	Washer 3/16 Thick Flat Spindle		
25	100106023	2	Nut, Castle 1-14		
26	100106021	2	Cotter Pin Spindle		
27	350000600	2	U Joint Kit		
28	351001000	2	Drive Shaft, Male		Used on both 34” & 42” Adjustable 120”-144”
29	100105031	2	Drive Shaft, Female		Used on both 34” & 42” Adjustable 120”-144”

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Station 2 Rear Axle • AS1010 & AS1210 (48” Crop Clearance)

Item	Part Number	Qty	Description	Size	Comments
1A	350000170	2	Drop Box Assembly		For AS1010 48” Crop Clearance, stud #350000186
1B	350000171	2	Drop Box Assembly		For AS1210 48” Crop Clearance, stud #350000185
2A	100105160	1	Axle, Rear Center Female		For 120”-144” axles
2B	100105165	1	Axle, Rear Center Female		For 88”-114” Rear axles AS1010 only
3A	100000314	4	Locking Bar		For 120”-144” axles
3B	100000315	4	Locking Bar		For 88” & 90” axles AS1010 only
3C	100000316	4	Locking Bar		For 110”-114” axles AS1010 only
4	900003270	4	Bolt, HHCS 1/2-13 X 2		
5	901003040	4	Nut, Nylock 1/2-13		
6	900007040	24	Bolt, HHCS 1-8 X 2 1/2		
7	901002090	24	Nut, Jam 1-8		
8A	100105133	8	Clamp Bar		For 120”-144” axles
8B	100105173	8	Clamp Bar		For 88”-114” Rear axles AS1010 only
9A	100105134	8	Clamp Wedge Block Casting		Used on machines with manual wheel adjust
9B	100105144	8	Clamp Wedge Block Casting		Used on machines with Adjust on the Go
10A	100200009	8	Wear Pad Under Wedge Block		Used on machines with manual wheel adjust
10B	100200008	8	Wear Pad Under Wedge Block		Used on machines with Adjust on the Go
11A	100105163	2	Axle, Rear Male		For 48” Crop Clearance 120”-144”
11B	100105168	2	Axle, Rear Male		For 48” Crop Clearance 88”-114” AS1010 only
12	900006640	4	Bolt, HHCS 3/4-16 X 3		
13	901003075	4	Nut, Nylock 3/4-16		
14	100200013	8	Wear Pad Male Slider		

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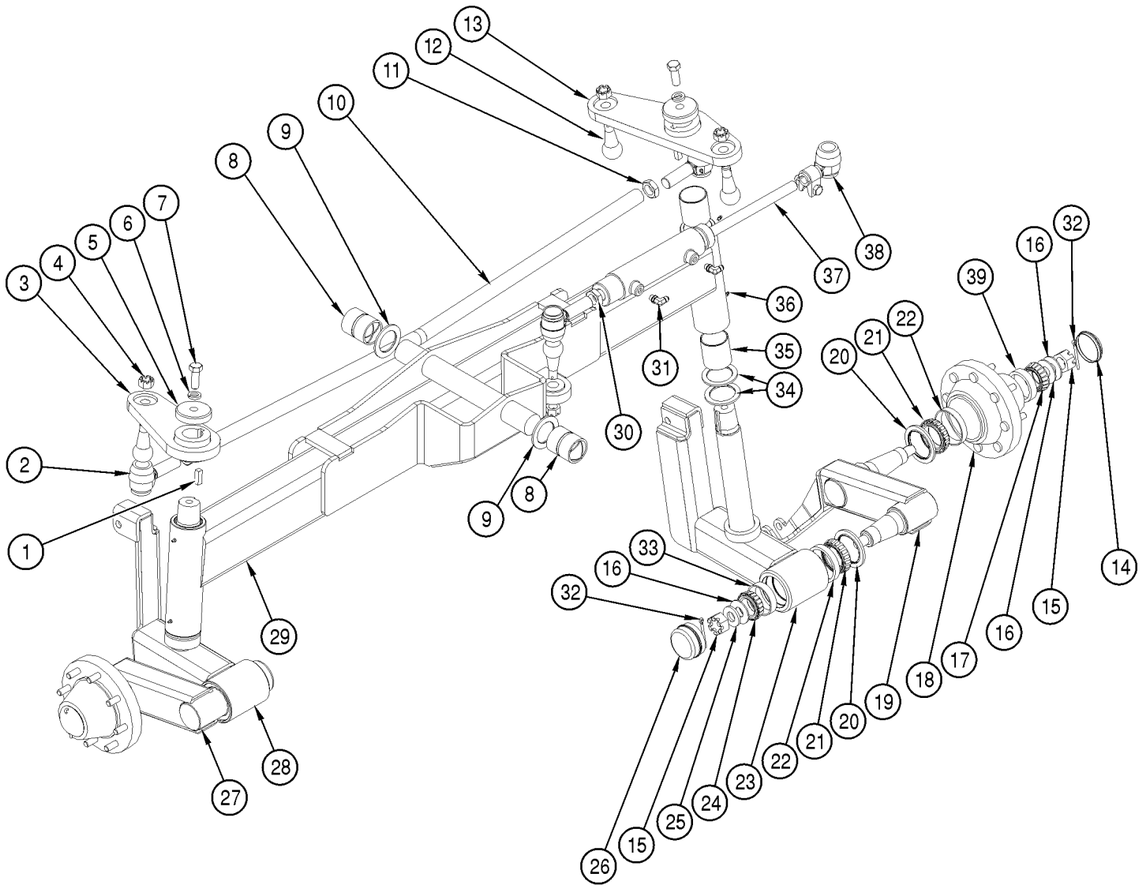
Front Axle • AS710 Fixed 90”

Front Axle
AS710 Fixed 90”
(31” Crop Clearance)



Item	Part Number	Qty	Description	Size	Comments
1	925000200	2	Key Stock 1/2 X 1/2 X 1 1/2		
2	100800810	2	Tie Rod Male, Right Hand Thread		Also used on steering cylinder
3	100200123	1	Steering Arm, Right		”
4	901000001	4	Nut, Castle 7/8-14		”
5	100000400	2	Retainer Cap 3.5” X .5		”
6	902351000	2	Washer, Lock 3/4		”
7	900011865	2	Bolt, HHCS 3/4-16 X 2 Grade 8		”
8	100100286	2	Bushing, 2 1/4” ID X 3” Grooved		”
9	100105106	2	Washer, 2 1/4” Thrust, Bronze		”
9A	100105102	A/R	Washer, 2 1/4” Thrust, 1/16 Thick		”
9B	100105103	A/R	Washer, 2 1/4” Thrust, 1/8 Thick		”
10	100100851	1	Steering Tie Rod Fixed 90		”
11	901002106	1	Nut, Jam 1 1/8-12 Left Hand Thread		”
12	100800815	1	Tie Rod Male, Left Hand Thread		”
13	100200124	1	Steering Arm, Left		”
14	100107013	2	Hub Cap, Wheel Hub		”
15	100106023	4	Nut, Castle 1-14		”
16	902003082	6	Washer Flat, 1” USS Grade 8		”
17	100106087	2	Bearing Cone		
18	100107010	2	Hub Assembly		Includes Bearings and Races
19	100106020	1	Outer Flex, Left Front		”
20	100106090	4	Oil Seal		
21	100106080	4	Bearing Cone		
22	100106070	4	Bearing Cup		
23	100106206	1	King Pin Left Hand		
24	100106081	2	Bearing Cone		
25	902003083	2	Washer Flat, 1” SAE- Extra Thick		”
26	100106060	2	Hub Cap, Outer Flex		”
27	100106040	1	Outer Flex, Right Front		”
28	100106205	1	King Pin Right Hand		
29	100105143	1	Axle, Front 31” CC on 90” Spacing		”
30	901002105	2	Nut, Jam 1 1/8-12 Right Hand Thread”		
31	800404215	2	Fitting, 6 FLF X 6 ORM 90”		
32	100106021	4	Cotter Pin, Spindle		
33	100106082	2	Bearing Cup		
34	100105105	4	Washer, Thrust Alum Bronze		
35	100100287	4	Bushing, 2.50” ID X 2.75”		
36	915003000	4	Zerk, Grease		
37	850000050	1	Cylinder, Steering, 8” Stroke		
38	100800800	1	Tie Rod Female		
37	100106088	2	Bearing Cup		

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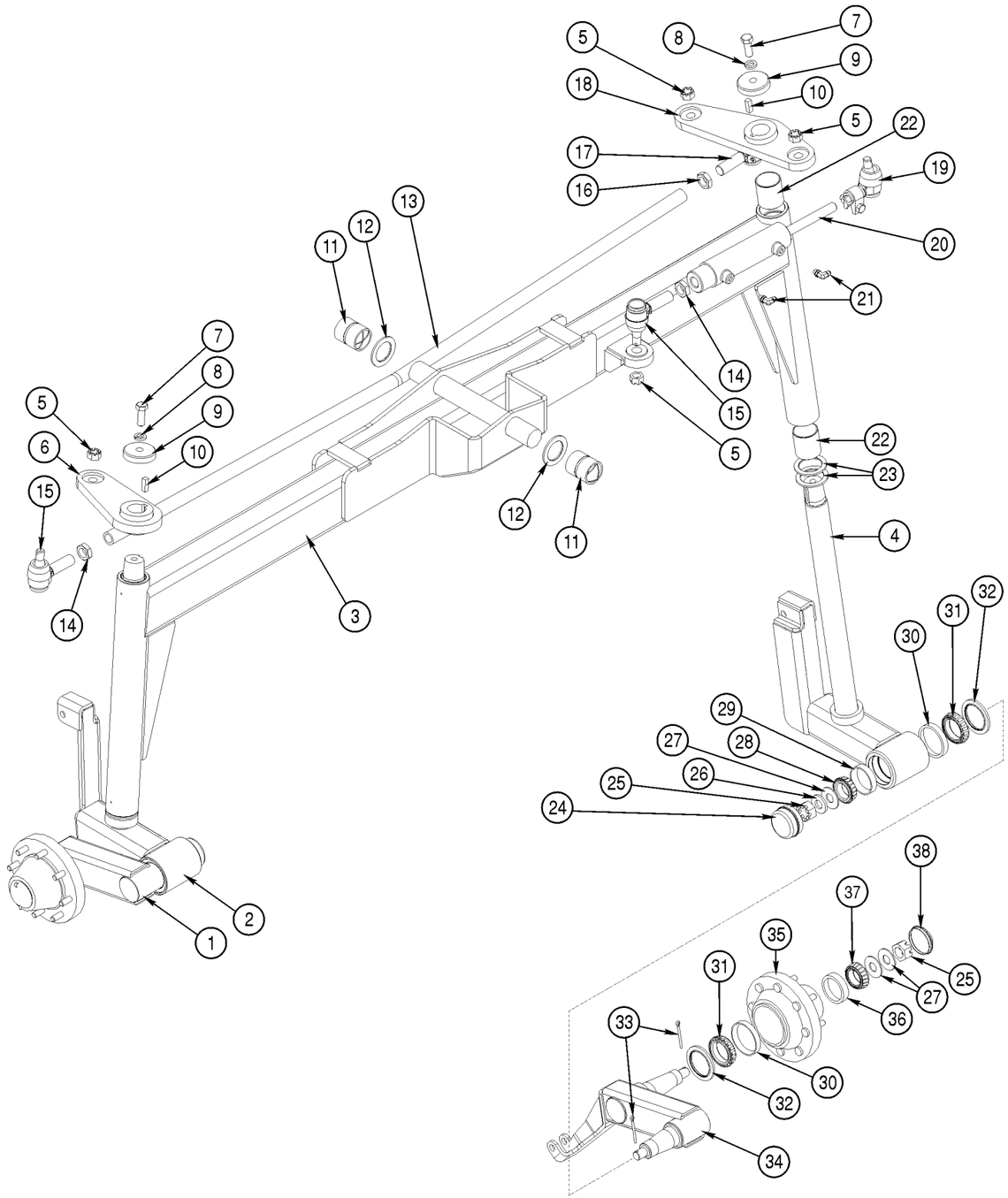
Station 2 Front Axle • AS710 Fixed 120”

AS710 Fixed 120”
(40” Crop Clearance)



Item	Part Number	Qty	Description	Size	Comments
1	100106040	1	Outer Flex, Right Hand		”
2	100105181	1	King Pin, Right Hand		”
3	100105180	1	Axle, Front Fixed 120, Standard		”
4	100105182	1	King Pin, Left Hand		”
5	901000001	4	Nut, Castle 7/8-14		”
6	100200123	1	Steering Arm, Right		”
7	900011865	2	Bolt, HHCS 3/4-16 X 2 Grade 8		”
8	902351000	2	Washer, Lock 3/4		”
9	100000400	2	Retainer Cap 3.5” X .5		”
10	925000200	2	Key Stock, 1/2 X 1/2 X 1 1/2		”
11	100100286	2	Bushing, 2 1/4” ID X 3” Grooved		”
12	100105106	2	Washer, 2 1/4” Thrust, Bronze		”
12A	100105102	A/R	Washer, 2 1/4” Thrust, 1/16 Thick		”
12B	100105103	A/R	Washer, 2 1/4” Thrust, 1/8 Thick		”
13	100105183	1	Steering Tie Rod Fixed 120		”
14	901002105	2	Nut, Jam 1 1/8-12 Right Hand Thread”		
15	100800810	2	Tie Rod End Male Right Hand		
16	901002106	1	Nut, Jam 1 1/8-12 Left Hand Thread”		
17	100800815	1	Tie Rod End Male Left Hand		
18	100200124	1	Steering Arm, Left		
19	100800800	1	Tie Rod End Female		
20	850000050	1	Cylinder, Steering, 8” Stroke		
21	800404215	2	Fitting, 6 FLM X 6 ORM 90”		
22	100100287	4	Bushing, 2.50” ID X 2.75”		
23	100105105	4	Washer, Thrust Alum Bronze		
24	100106060	2	Hub Cap, Outer Flex”		
25	100106023	4	Nut, Castle 1-14”		
26	902003083	2	Washer Flat, 1” SAE- Extra Thick”		
27	902003082	6	Washer Flat, 1” USS grade 8		
28	100106081	2	Bearing Cone		
29	100106082	2	Bearing Cup		
30	100106070	4	Bearing Cup		
31	100106080	4	Bearing Cone		
32	100106090	4	Oil Seal		
33	100106021	4	Cotter Pin, Spindle		”
34	100106020	1	Outer Flex, Left Hand		”
35	100107010	2	Hub Assembly		Includes Bearings and Races
36	100106088	2	Bearing Cup		
37	100106087	2	Bearing Cone		
38	100107013	2	Hub Cap, Wheel Hub		

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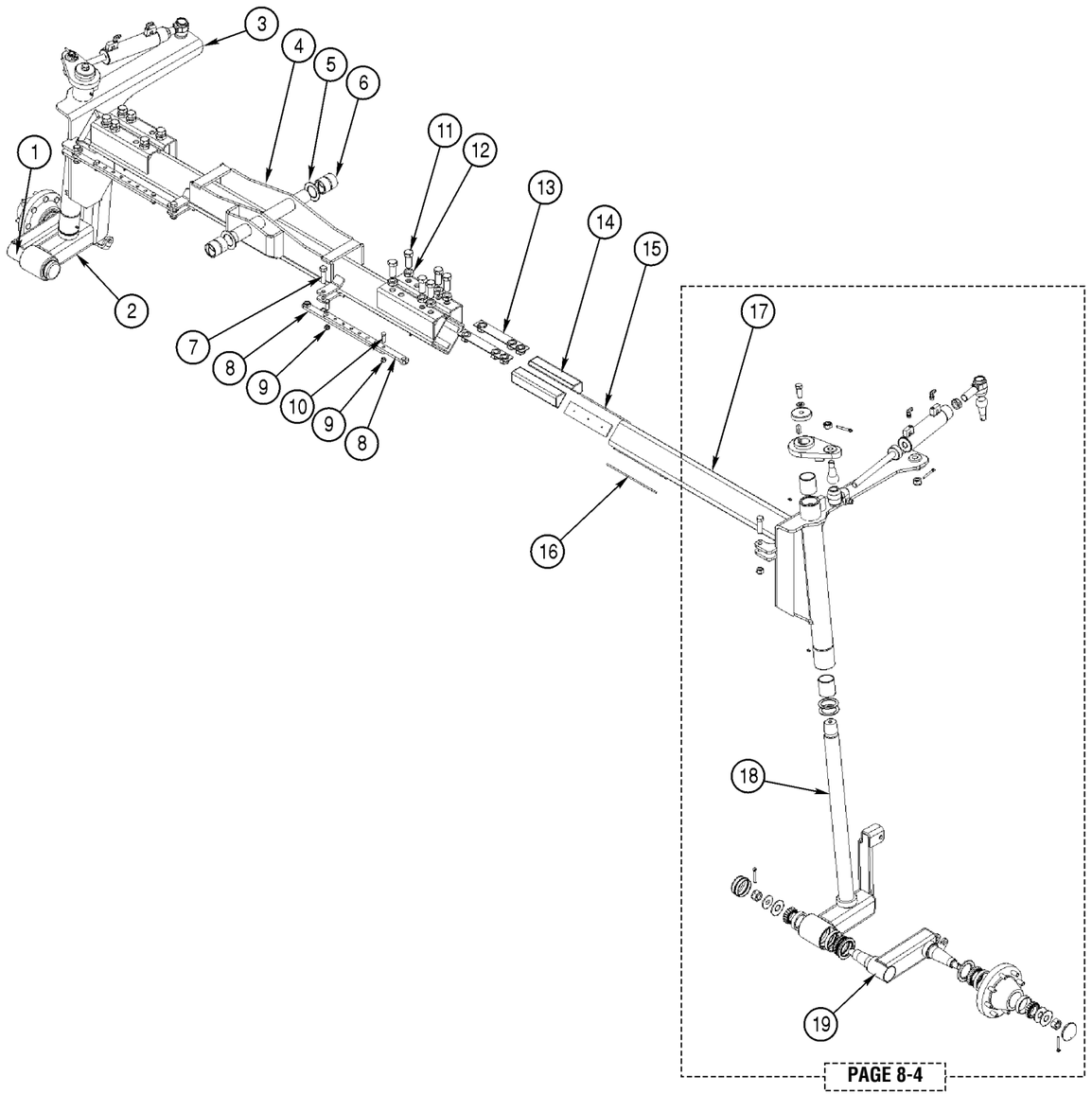
Front Axle • AS1010 (Standard Duty with 28” Front Tire)

AS1010 (Standard Duty with 28” Front Tire)



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Item	Part Number	Qty	Description	Size	Comments
1	100106040	1	Outer Flex, Right Hand		
2	100105158	1	King Pin, Right Hand, Standard		
3A	100105146	1	Axle 34” CC, Front Male RH 120-144		Standard Duty Only
3B	100105148	1	Axle 42” CC, Front Male RH 120-144		Standard Duty Only
3C	100105150	1	Axle 48” CC, Front Male RH 120-144		Standard Duty Only
3D	100105166	1	Axle 48” CC, Front Male RH 88-114		Standard Duty Only
4A	100105185	1	Axle, Front Center 120-144		
4B	100105191	1	Axle, Front Center 88-114		
5	100105106	2	Washer, 2 1/4” Thrust, Bronze		
5A	100105102	A/R	Washer, 2 1/4” Thrust, 1/16 Thick		
5B	100105103	A/R	Washer, 2 1/4” Thrust, 1/8 Thick		
6	100100286	2	Bushing, 2.25” ID X 3” Grooved		
7	900006640	4	Bolt, HHCS 3/4-16 X 3		
8A	100000314	4	Locking Bar, 120-144		120”-144” wheel spacing
8B	100000315	4	Locking Bar, 88” & 90” Only		
9	901003040	4	Nut, Nylock 1/2-13		
10	900003270	4	Bolt, HHCS 1/2-13 X 2		
11	900007040	12	Bolt, HHCS 1-8		
12	901002090	12	Nut, Jam 1-8		
13A	100105133	4	Clamp Bar, 120-144		
13B	100105172	4	Clamp Bar, 88-114		
14A	100105134	4	Clamp Wedge Block Casting		Used on machines with manual wheel adjust
14B	100105144	4	Clamp Wedge Block Casting		Used on machines with Adjust on the Go
15A	100200009	4	Wear Pad Under Wedge Block		Used on machines with manual wheel adjust
15B	100200008	4	Wear Pad Under Wedge Block		Used on machines with Adjust on the Go
16	100200013	4	Wear Pad Male Slider		
17A	100105147	1	Axle 34” CC, Front Male LH 120-144		Standard Duty Only
17B	100105149	1	Axle 42” CC, Front Male LH 120-144		Standard Duty Only
17C	100105151	1	Axle 48” CC, Front Male LH 120-144		Standard Duty Only
17D	100105167	1	Axle 48” CC, Front Male LH 88-114		Standard Duty Only
18	100105159	1	King Pin, Left Hand, Standard		
19	100106020	1	Outer Flex, Left Hand”		

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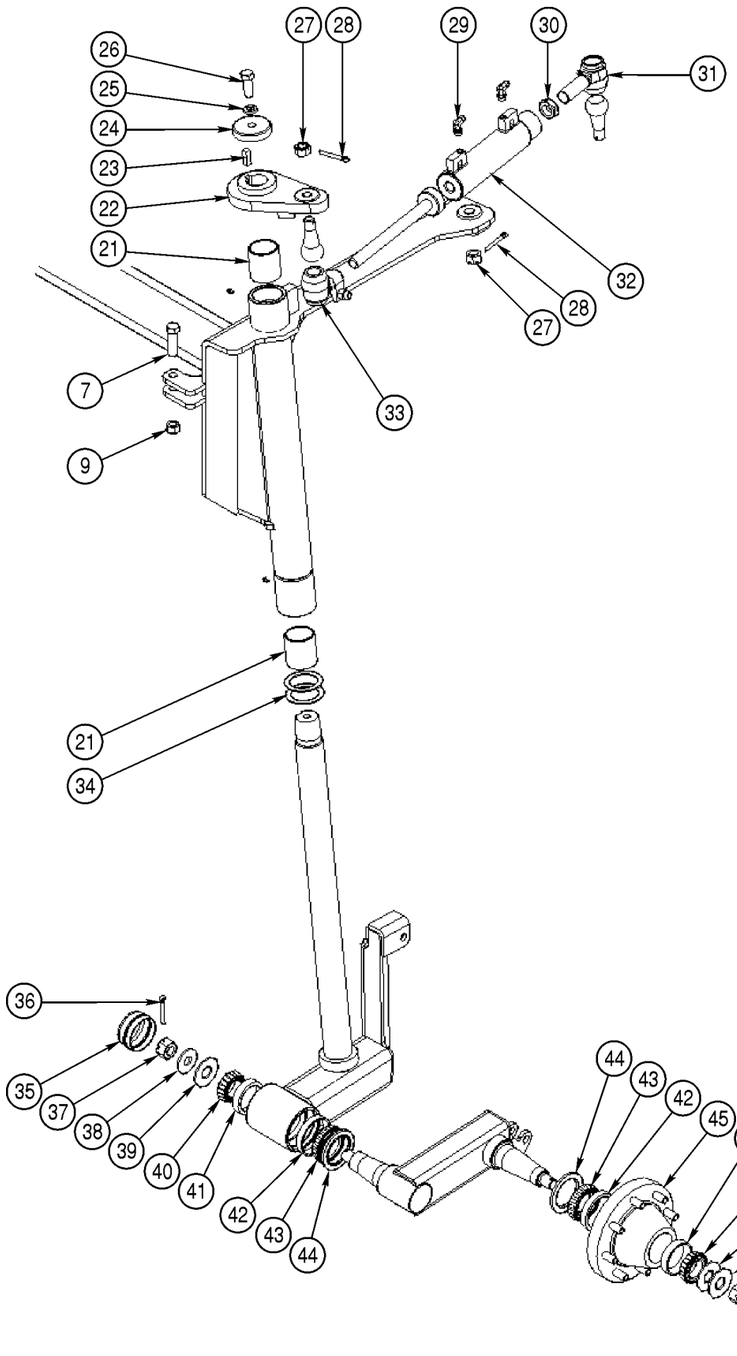
Front Axle • AS1010 (Standard Duty with 28” Front Tire)

Standard Duty with 28” Front Tire Detail



Item	Part Number	Qty	Description	Size	Comments
7	900006640	4	Bolt, HHCS 3/4-16 X 3		”
9	901003075	4	Nut, Nylock 3/4-16		”
21	100100287	4	Bushing, 2.50” ID X 2.75		”
22A	100200120	1	Steering Arm Left Side		
22B	100200110	1	Steering Arm Right Side		
23	925000200	2	Key Stock, 1/2 X 1/2 X 1 1/2		”
24	100000400	2	Retainer Cap 3.5” X .5		”
25	902351000	2	Washer, Lock 3/4		”
26	900011865	2	Bolt, HHCS 3/4-16 X 2 Grade 8		”
27	901000001	4	Nut, Castle 7/8-14		”
28	904300207	4	Cotter Pin, 5/32 X 2		”
29	800404215	4	Fitting, 6 FLM X 6 ORM 90		”
30	901002105	2	Nut, Jam 1 1/8-12 Right Hand Thread		”
31	100800810	2	Tie Rod End Male Right Hand		
32	850000129	2	Cylinder, Steering, Re-phasing		”
33	100800800	2	Tie Rod End Female		
34	100105105	4	Washer, Thrust Alum Bronze		”
35	100106060	2	Hub Cap, Outer Flex		”
36	100106021	4	Cotter Pin, Spindle		”
37	100106023	4	Nut, Castle 1-14		”
38	902003083	2	Washer Flat, 1” SAE- Extra Thick		”
39	902003082	6	Washer Flat, 1” USS Grade 8		”
40	100106081	2	Bearing Cone		
41	100106082	2	Bearing Cup		
42	100106070	4	Bearing Cup		
43	100106080	4	Bearing Cone		
44	100106090	4	Oil Seal		
45	100107010	2	Hub Assembly		Includes Bearings and Races
46	100106088	2	Bearing Cup		
47	100106087	2	Bearing Cone		
48	100107013	2	Hub Cap, Wheel Hub		

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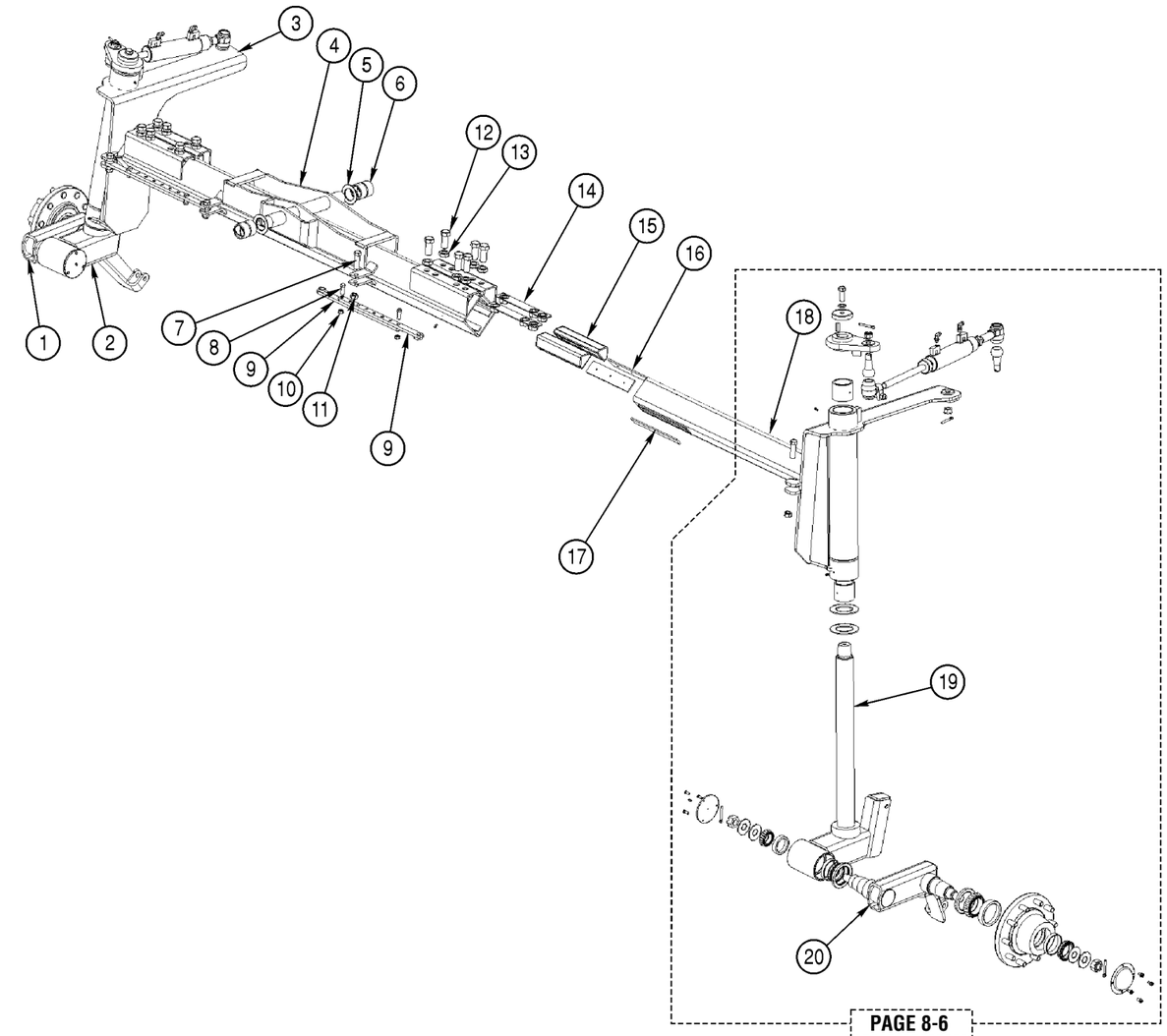
Front Axle • AS1010 & AS1210 (Heavy Duty with 38” Front Tire)

AS1010 & AS1210 (Heavy Duty with 38” Front Tire)



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Item	Part Number	Qty	Description	Size	Comments
1	100106203	1	Outer Flex, Right Hand		Only used on heavy duty fronts.
2	100106201	1	King Pin, Right Hand, Heavy Duty		Only used on heavy duty fronts.
3A	100105152	1	Axle 34” CC, Front Male RH 120-144		Heavy Duty Only
3B	100105154	1	Axle 42” CC, Front Male RH 120-144		Heavy Duty Only
3C	100105156	1	Axle 48” CC, Front Male RH 120-144		Heavy Duty Only
3D	100105169	1	Axle 48” CC, Front Male RH 88-114		Heavy Duty Only
4A	100105185	1	Axle, Front Center 120-144		”
4B	100105191	1	Axle, Front Center 88-114		”
5	100105106	2	Washer, 2 1/4” Thrust, Bronze		”
5A	100105102	A/R	Washer, 2 1/4” Thrust, 1/16 Thick		”
5B	100105103	A/R	Washer, 2 1/4” Thrust, 1/8 Thick		”
6	100100286	2	Bushing, 2.25” ID X 3” Grooved		”
7	900006640	4	Bolt, HHCS 3/4-16 X 3		”
8	900003270	4	Bolt, HHCS 1/2-13 X 2		”
9A	100000314	4	Locking Bar, 120-144		120”-144” wheel spacing
9B	100000315	4	Locking Bar, 88” & 90” Only		”
9C	100000316	4	Locking Bar, 100-114		”
10	901003040	4	Nut, Nylock 1/2-13		”
11	901003075	4	Nut, Nylock 3/4-16		”
12	900007040	12	Bolt, HHCS 1-8		”
13	901002090	12	Nut, Jam 1-8		”
14A	100105133	4	Clamp Bar, 120-144		”
14B	100105172	4	Clamp Bar, 88-114		”
15A	100105134	4	Clamp Wedge Block Casting		Used on machines with manual wheel adjust
15B	100105144	4	Clamp Wedge Block Casting		Used on machines with Adjust on the Go
16A	100200009	4	Wear Pad Under Wedge Block		Used on machines with manual wheel adjust
16B	100200008	4	Wear Pad Under Wedge Block		Used on machines with Adjust on the Go
17	100200013	4	Wear Pad Male Slider		
18A	100105153	1	Axle 34” CC, Front Male LH 120-144		Heavy Duty Only
18B	100105155	1	Axle 42” CC, Front Male LH 120-144		Heavy Duty Only
18C	100105157	1	Axle 48” CC, Front Male LH 120-144		Heavy Duty Only
18D	100106170	1	Axle 48” CC, Front Male LH 88-114		Heavy Duty Only
19	100106202	1	King Pin, Left Hand, Heavy Duty		Only used on heavy duty fronts.
20	100106204	1	Outer Flex, Left Hand		Only used on heavy duty fronts.

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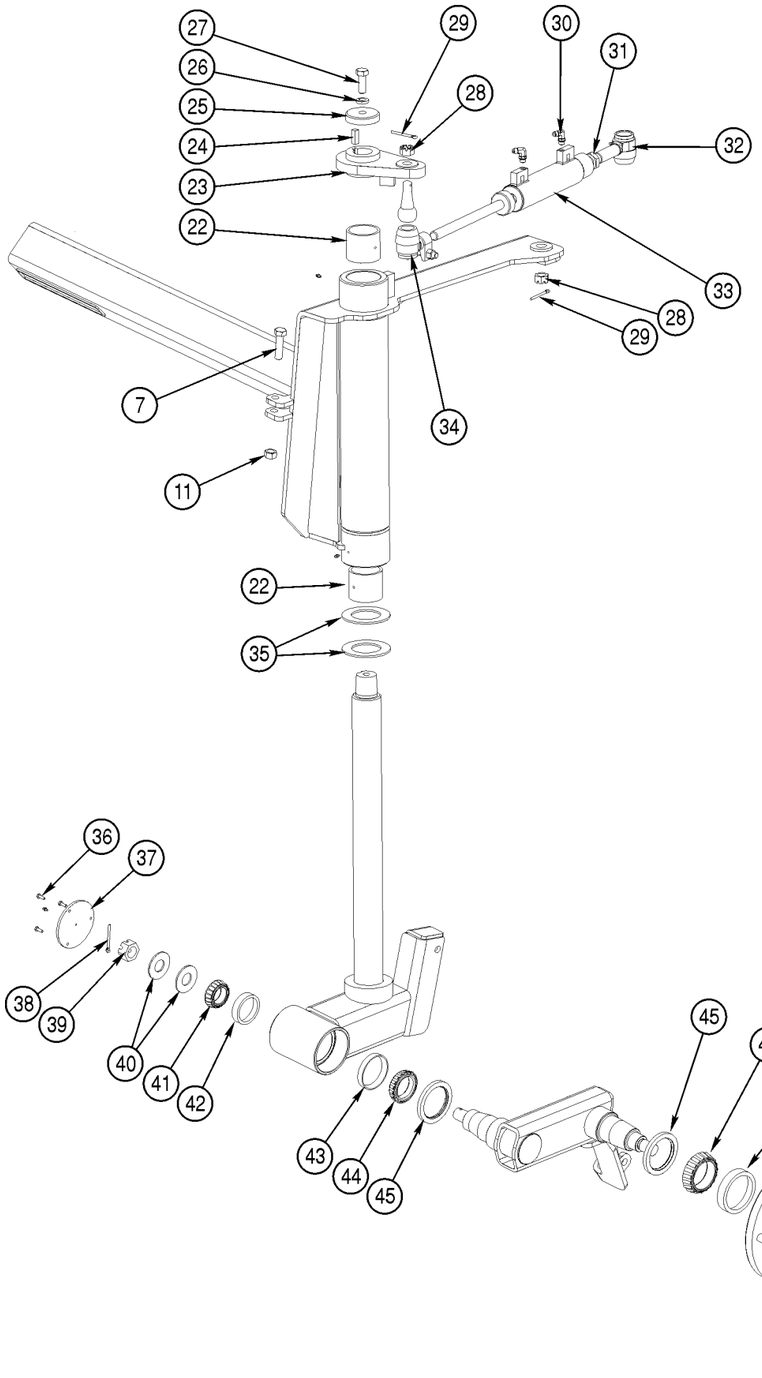
Front Axle • AS1010 & AS1210 (Heavy Duty with 38” Front Tire)

Heavy Duty with 38” Front Tire Detail



Item	Part Number	Qty	Description	Size	Comments
7	900006640	4	Bolt, HHCS 3/4-16 X 3		
11	901003075	4	Nut, Nylock 3/4-16		
22	100100288	4	Bushing, 3” ID X 3 1/2” OD X 3 Long		
23A	100200120	1	Steering Arm Left Side		
23B	100200110	1	Steering Arm Right Side		
24	925000200	2	Key Stock, 1/2 X 1/2 X 1 1/2		
25	100000400	2	Retainer Cap 3.5” X .5		
26	902351000	2	Washer, Lock 3/4		
27	900011865	2	Bolt, HHCS 3/4-16 X 2 Grade 8		
28	901000001	4	Nut, Castle 7/8-14		
29	904300207	4	Cotter Pin, 5/32 X 2		
30	800404215	4	Fitting, 6 FLM X 6 ORM 90		
31	901002105	2	Nut, Jam 1 1/8-12 Right Hand Thread		
32	100800810	2	Tie Rod End Male Right Hand		
33	850000129	2	Cylinder, Steering, Re-phasing		
34	100800800	2	Tie Rod End Female		
35	100105107	4	Washer, Thrust Bronze 3 X 5		
36	900002395	6	Bolt, HHCS 1/4-20 X 3/4 Grade 5		
37	100107011	2	Dust Cover Heavy Duty Outer Flex		
38	100106027	4	Cotter Pin, Spindle Heavy Duty		1/4” X 2”
39	901000004	2	Nut, Castle, Heavy Duty Inner Suspension		
40	100106016	8	Washer, Flat 1 1/4		
41	100106080	2	Bearing Cone		
42	100106070	2	Bearing Cup		
43	100106071	4	Bearing Cup		
44	100106072	4	Bearing Cone		
45	100106091	2	Seal Grease 12000 lb Hub		
46	100107020	2	Hub Assembly 12000 lb		Includes Bearings and Races
47	100106076	2	Bearing Cup		
48	100106077	2	Bearing Cone		
49	100106025	2	Nut, Castle, Heavy Duty Hub 1 1/4		
50	100107019	2	Cap, Hub Heavy Duty 12000 lb		
51	900002600	8	Bolt, HHCS 5/16-18 X 3/4 Grade 5”		

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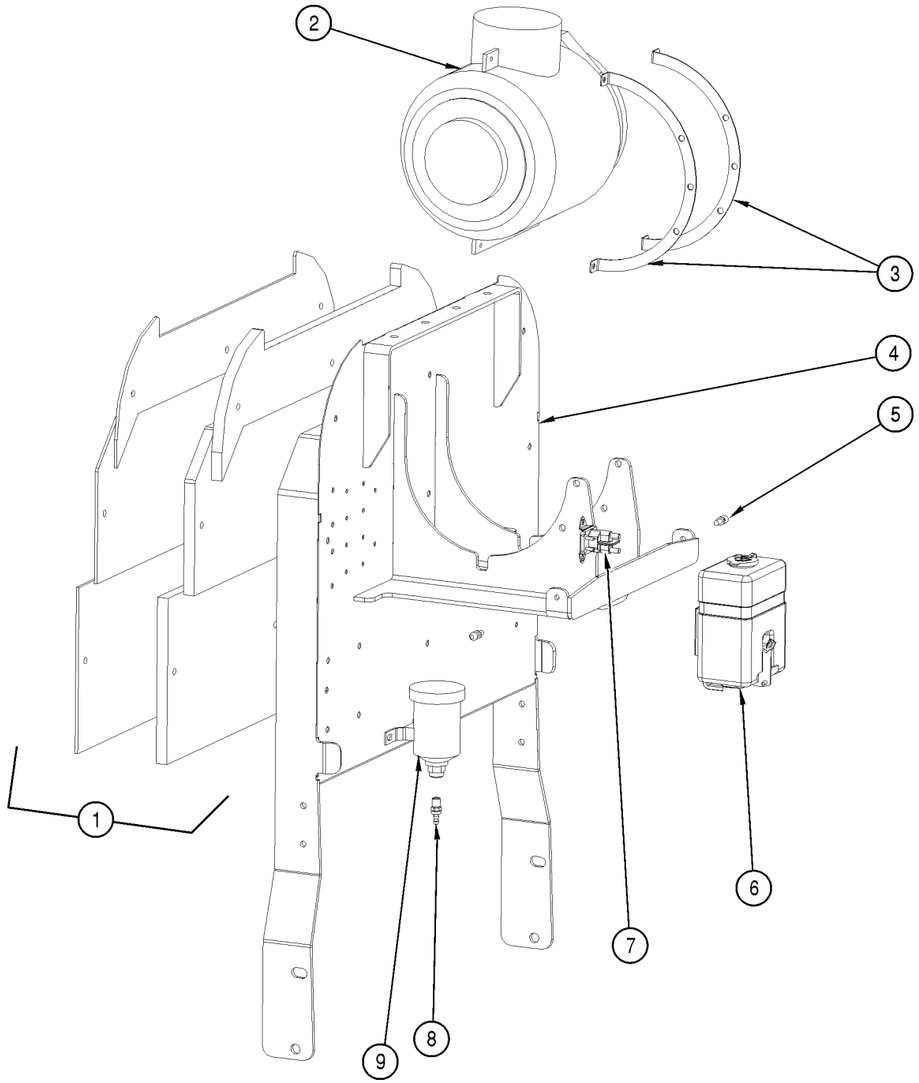
Firewall
AS710



Item	Part Number	Qty	Description	Size	Comments
1	100100403	1	Kit, Firewall Insulation		
2	201300056	1	Air Cleaner Assembly		Includes both primary and secondary filters
2A	201300078	1	Primary Air Filter		
2B	201300079	1	Secondary Air Filter		
2C	201300082	1	Side cover, air cleaner		
2D	201300097	1	Thumb screw, G11 air cleaner filter cover		
3	201300075	2	Bracket, Air Cleaner Mounting		
4	100100401	1	Firewall		
5	490000115	2	Ball Stud, 5/16-18 X 13mm		
6	400000456	1	Reservoir, Washer Fluid		
7	700100128	1	Solenoid, Grid Heater		
8	800302194	1	Fitting, 4 PM X 4 HB		
9	301302000	1	Reservoir, Brake Master Cylinder		
	420001400	2 feet	Weather Stripping, Air Dam		Not Shown

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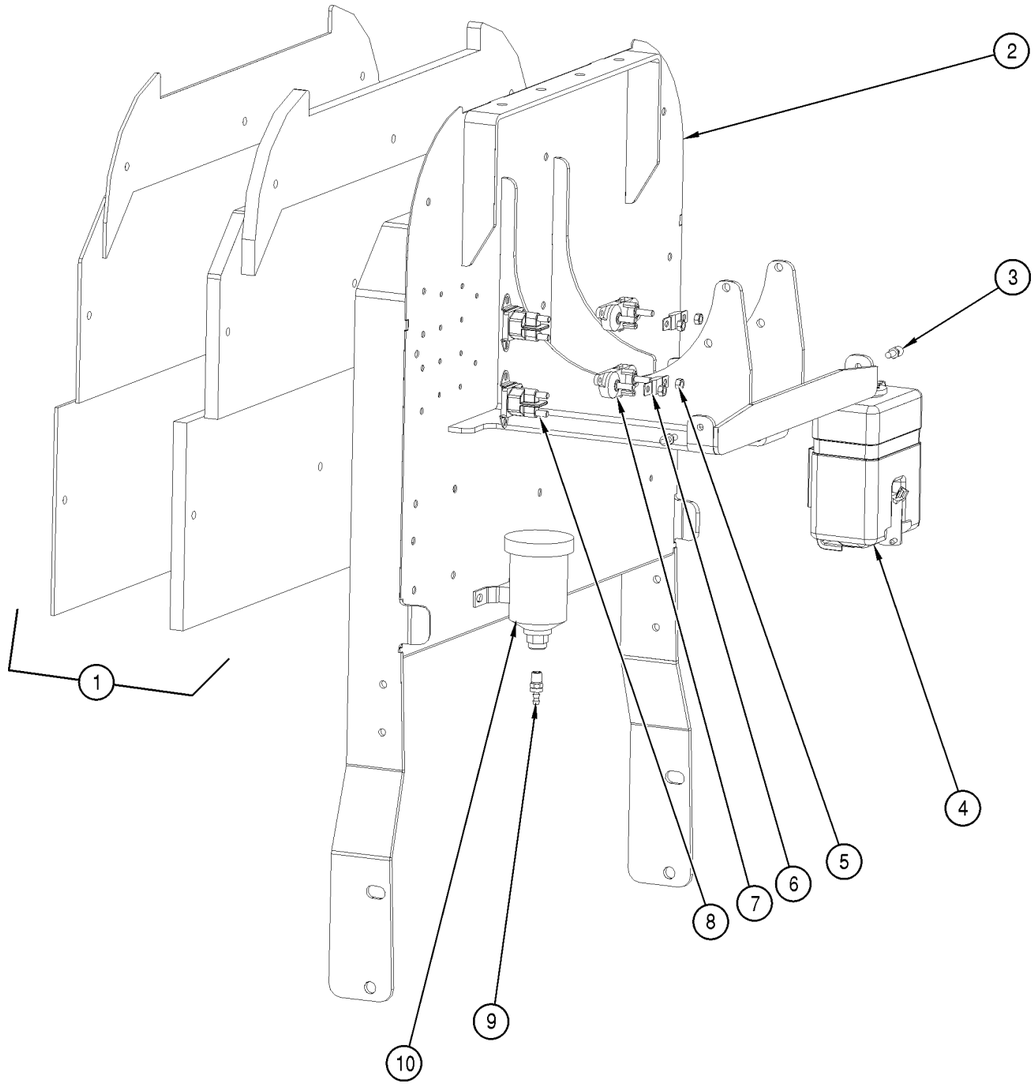

Item	Part Number	Qty	Description	Size	Comments
1	100100403	1	Kit, Firewall Insulation		Includes foam and rubber pads
2	100100401	1	Firewall		
3	490000115	2	Ball Stud, 5/16-18 X 13mm		
4	400000616	1	Reservoir, Washer Fluid		
5	901000715	4	Nut, 5/16-18		
6	700100129	2	Fuse, Bussman 125 Amp		
7	700100130	2	Fuse Holder, Bussman		
8	700100128	2	Solenoid		
9	800302194	1	Fitting, 4 PM X 4 HB		
10	301302000	1	Reservoir, Brake Master Cylinder		
	420001400	2 feet	Weather Stripping, Air Dam		Not Shown

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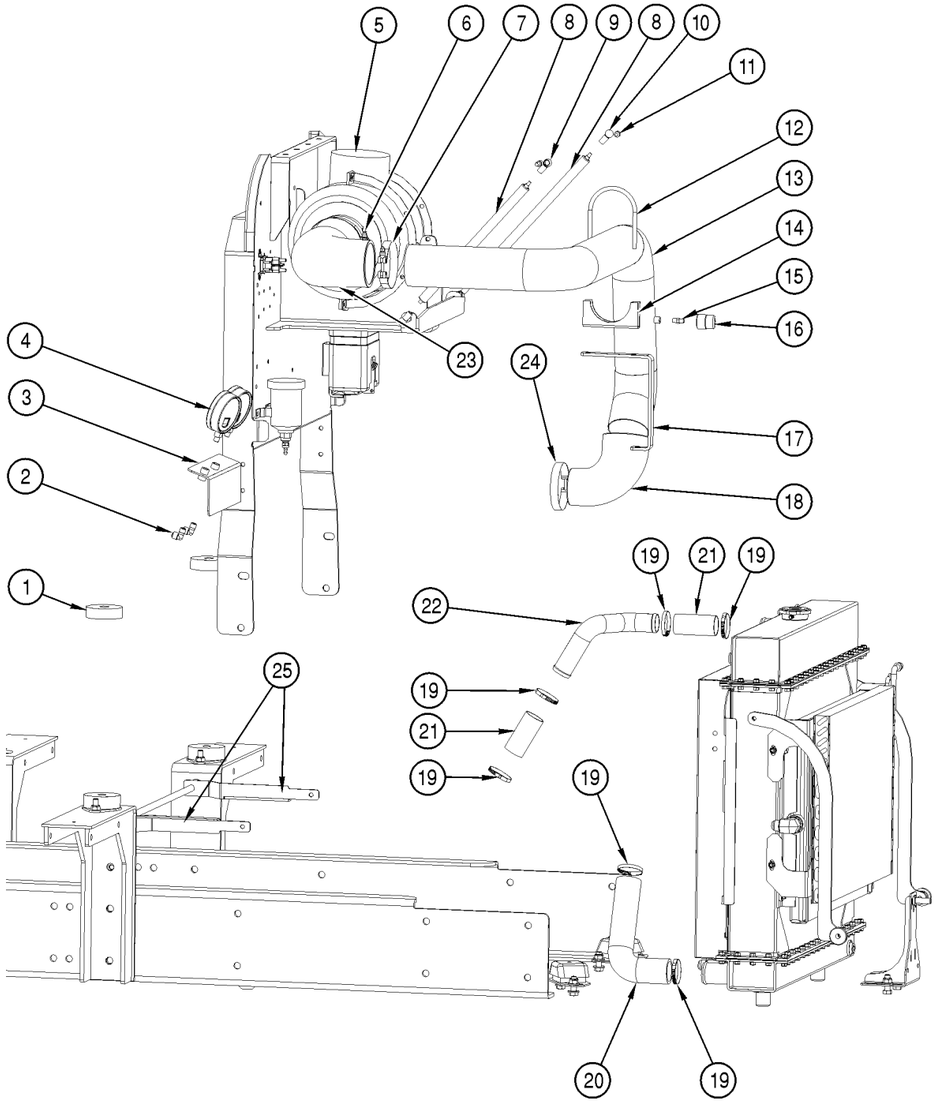
Engine Piping
AS710



Item	Part Number	Qty	Description	Size	Comments
1	100100604	2	Spacer, Front Cab Support		Mount bolt, 900006695 3/4-16 X 6, washer 490002900
2	640020010	2	Fitting, 1/8 NPT X 1/4 Tube 90		Compression fitting
3	690001301	1	Bracket, Dual Gage Mounting		
4	680000026	2	Gage, 4” 0-160 psi Glycerin Filled		
5	201300056	1	Air Cleaner Assembly		
6	201300002	1	Clamp, T Bolt 5” Diameter		
7	201300001	2	Clamp, T Bolt 4” Diameter		”
8	490000113	2	Hood Shock, Spring, Gas		175 lb 12.8 stroke
9	490000114	4	Ball Socket, M8 X 13mm		
10	490000116	4	Clip Retainer for 13mm Socket		
11	490000115	4	Ball Stud, 5/16-18 X 13mm		
12	290000753	1	Clamp, 4” Exhaust U-bolt		
13	201200039	1	Tube, Intake Deere		
14	NSS	1	Included with #12		
15	800302173	1	Fitting, 1/8 NPT Nipple		
16	201300095	1	Indicator, Air Cleaner”		
17	200100007	1	Bracket, Intake Pipe		
18	201300096	1	Elbow 90 Degrees 3”-4”		
19	915000801	6	Clamp, #32, 9/16 - 2 1/2”		
20	520400103	1	Hose Radiator Lower 2”		
21	520400104	9 inch	Hose Coupling 1.75		
22	201200029	1	Tube, Radiator Upper Deere		
23	201300071	1	Elbow 90 Degrees 5”-4”		
24	290000756	1	Clamp, T Bolt 3 5/8”		
25	100100402	2	Brace, Firewall		

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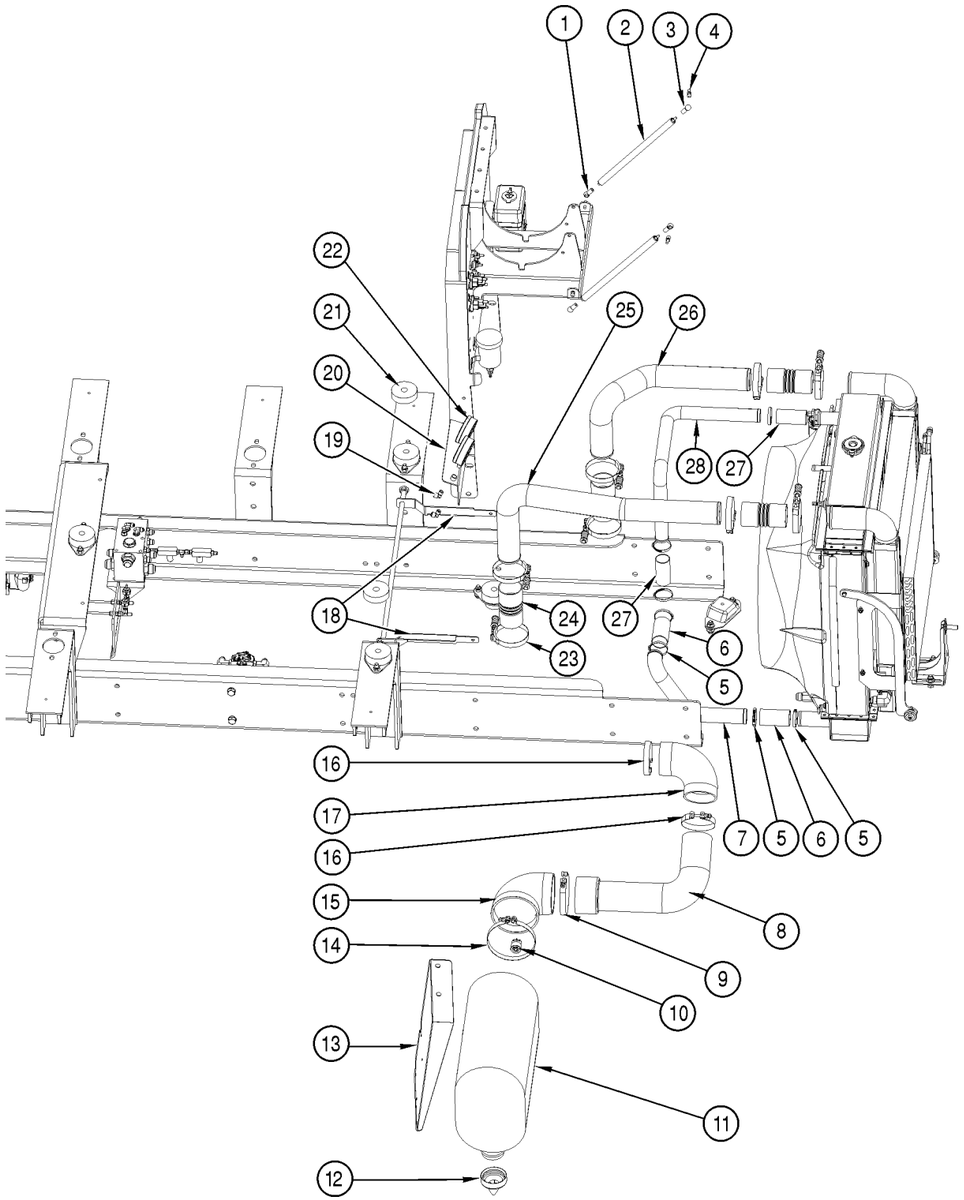

Item	Part Number	Qty	Description	Size	Comments
1	490000114	4	Socket, Ball M8 X 13mm		
2	490000113	2	Hood Shock, Spring, Gas		175lbs 12.8 stroke
3	490000116	4	Clip, Retainer 13mm Socket		
4	490000115	4	Ball Stud, 5/16-18 X 13mm		
5	915000801	8	Clamp, Screw #32, 1 9/16- 2 1/2		
6	201199098	8 inch	Hose Coupling, 2” Diameter		
7	201200112	1	Tube, Radiator Lower		
8	201200116	1	Tube, Intake		
9	201300002	1	Clamp T Bolt 5” Diameter		
10	201300095	1	Indicator, Air Cleaner		
11A	201300098	1	Air Cleaner, Donaldson 800 CFM		
11B	201300108	1	Air Cleaner Cover, Donaldson 800 CFM		
12	201300104	1	Mouse Tit, Air Cleaner		
13	201300099	1	Bracket, Air Cleaner		
14	201300103	1	Clamp T Bolt 6” Diameter		
15	201300102	1	Elbow, 5”-6” 90		
16	201300001	2	Clamp T Bolt 4” Diameter”		
17	201300060	1	Elbow, 4” 90”		
18	100100402	2	Brace, Firewall		
19	640020010	2	Fitting, 1/8 NPT X 1/4 Tube 90”		
20	690001301	1	Bracket, Dual Gage		
21	100100604	2	Spacer, Front Cab Support		
22	680000026	2	Gage, 4” 0-160 psi Glycerin Filled”		
23	201200008	8	Clamp, Nomex 3”		
24	201200007	4	Coupler, Nomex 3” ID X 6” Long		
25	201200113	1	Tube, CAC Inlet		
26	201200115	1	Tube, CAC Outlet		
27	520400104	8 inch	Hose Coupling, 1.75” Diameter”		
28	201200111	1	Tube, Radiator Upper”		

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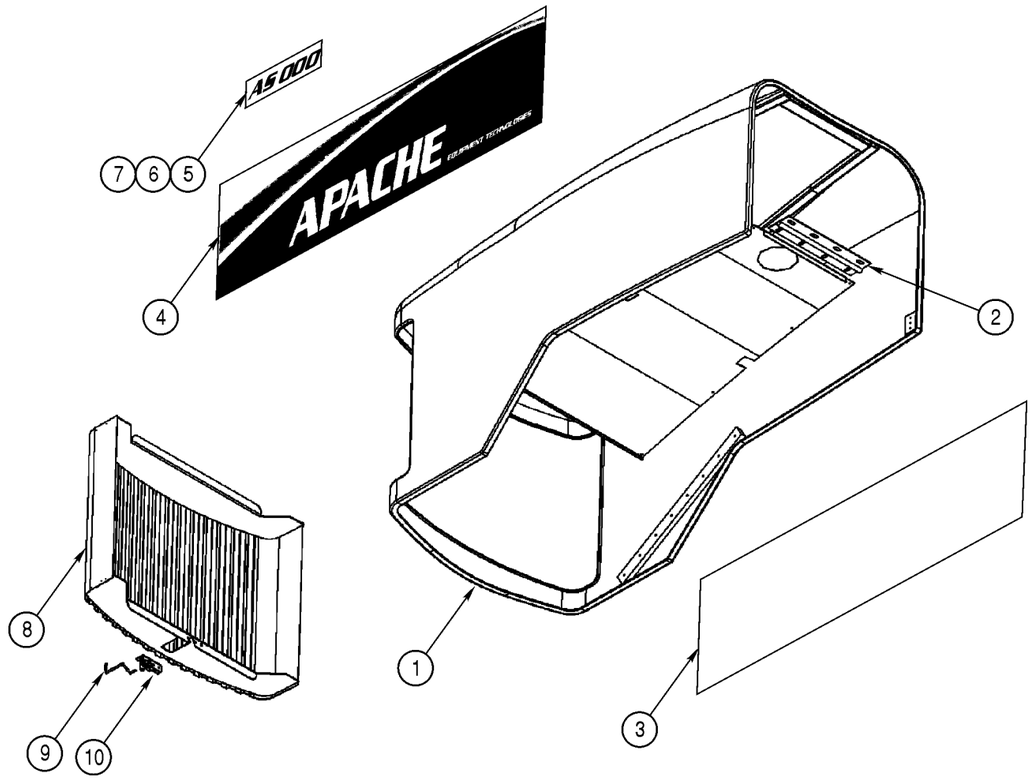
Hood & Bumper • AS710, AS1010 & AS1210

Hood & Bumper
AS710, AS1010 & AS1210
Hood



Item	Part Number	Qty	Description	Size	Comments
1	420000101	1	Hood Assembly		All models equipped w/ grill, air plenum, hinge, latch
2	420000106	1	Hinge, Hood		
3	420306000	1	Decal, Main Hood Right Hand Side		
4	420306001	1	Decal, Main Hood Left Hand Side		
5	420306011	2	Decal, AS710		
6	420306012	2	Decal, AS1010		
7	420306013	2	Decal, AS1210		
8	420000113	1	Grill		
9	420000120	1	Handle, Hood Release		
10	420000114	1	Hood Latch		
	420000119	1	Pull Strap		Not Shown
	420306006	1	Decal Pack, Information/Warning		Not Shown
	420306009	1	Decal Pack, Labeling White Letters		Not Shown

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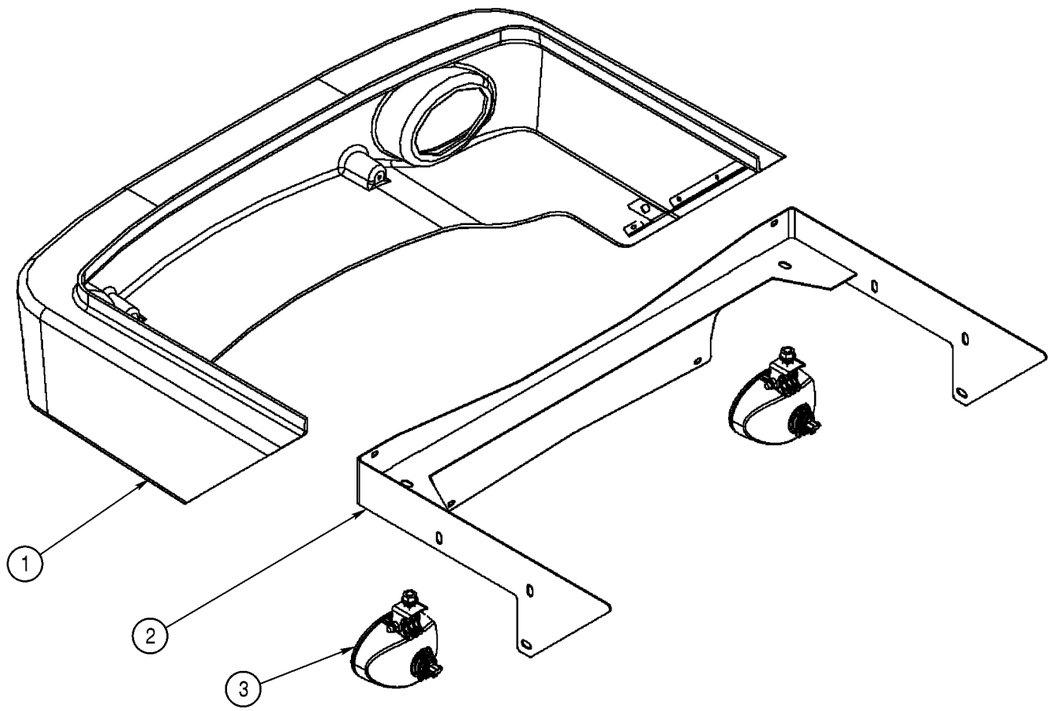
Bumper



Item	Part Number	Qty	Description	Size	Comments
1	K65000125	1	Bumper & Bracket Assembly, Front		Includes the Bracket
2	N/A	1	Bracket, Bumper		Included with K65000125
3	710000403	2	Light, Driving Oval		

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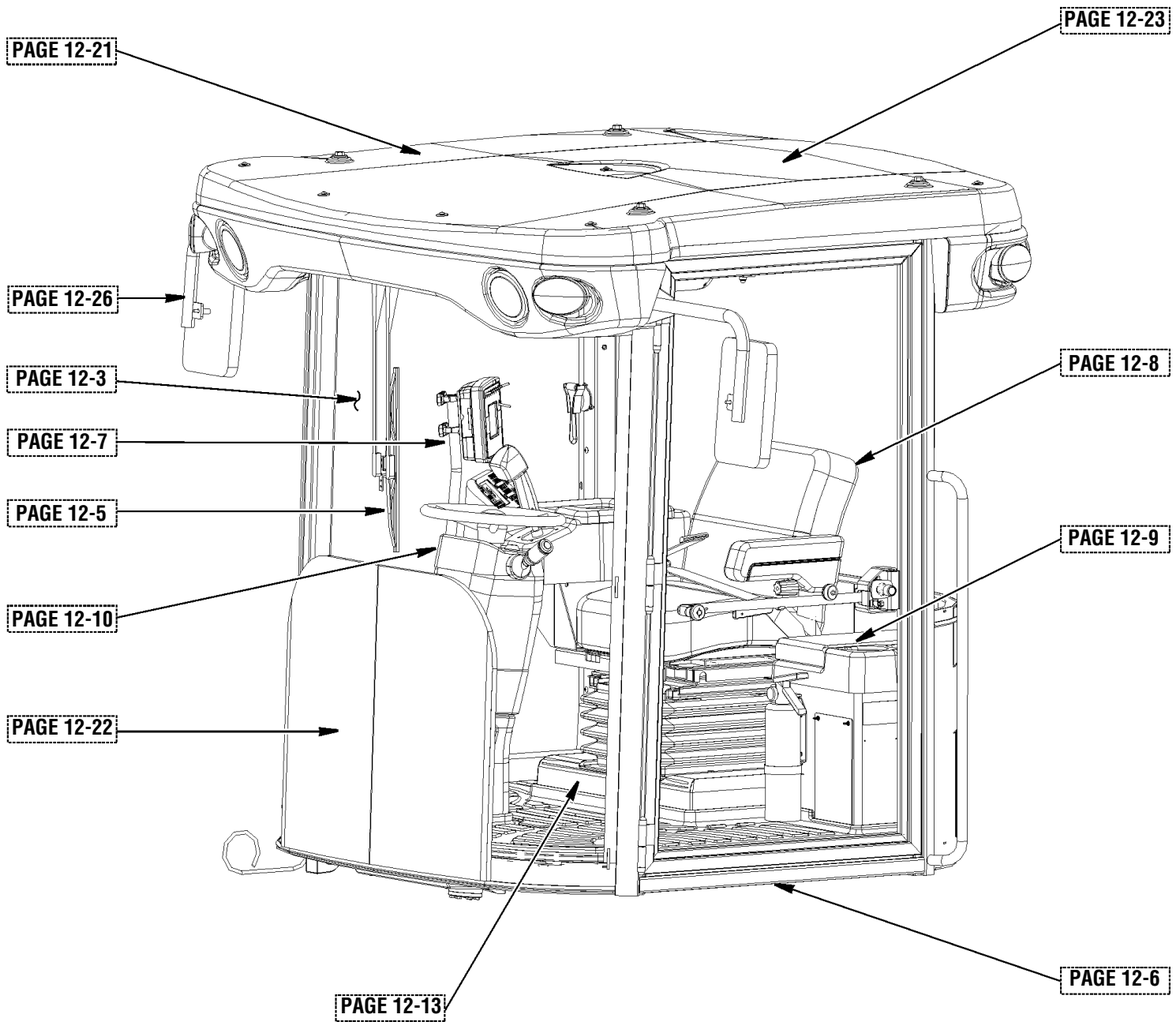
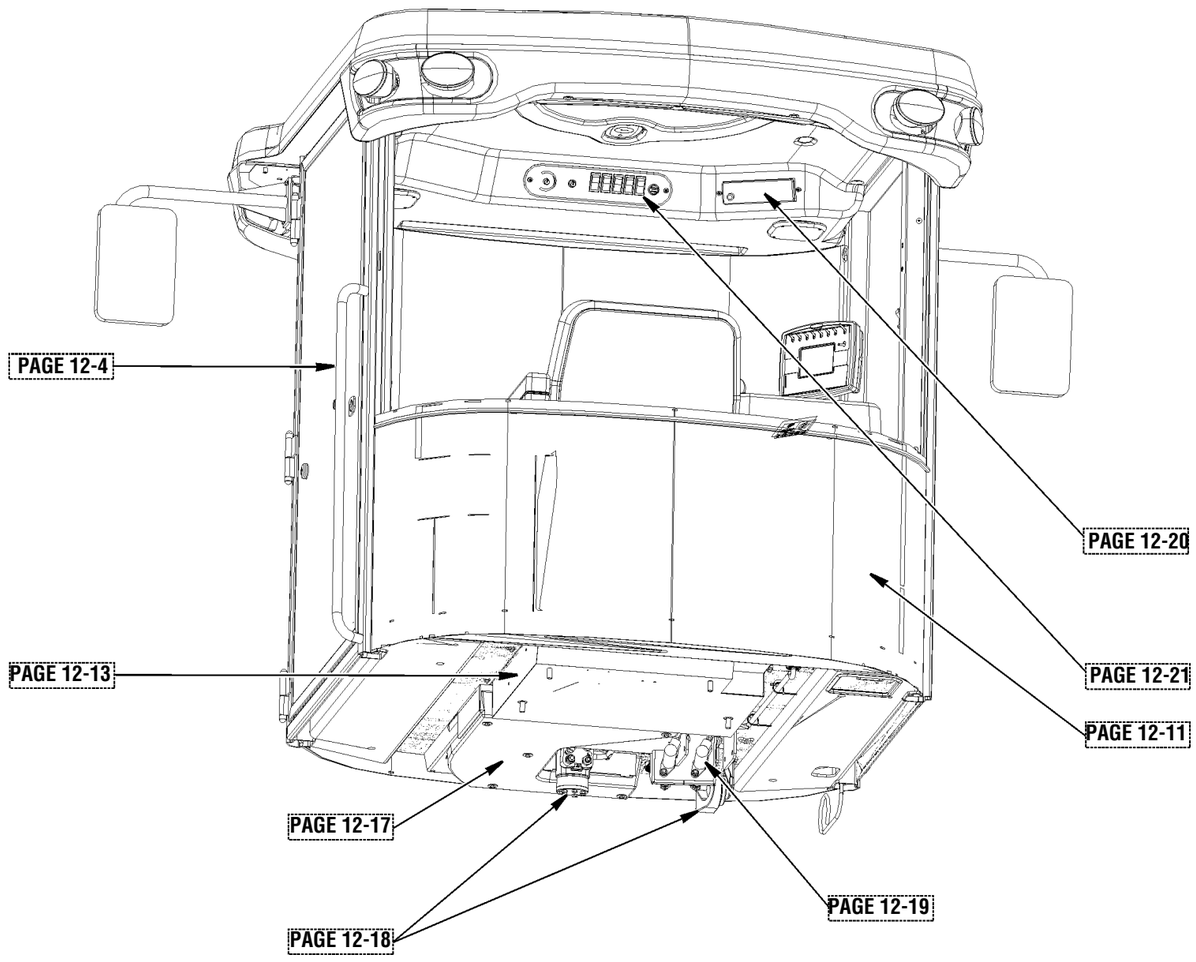
Cab
AS710, AS1010 & AS1210
Overview

Item	Part Number	Qty	Description	Size	Comments
	400000500	1	Cab assembly, 2007		Angus Palm





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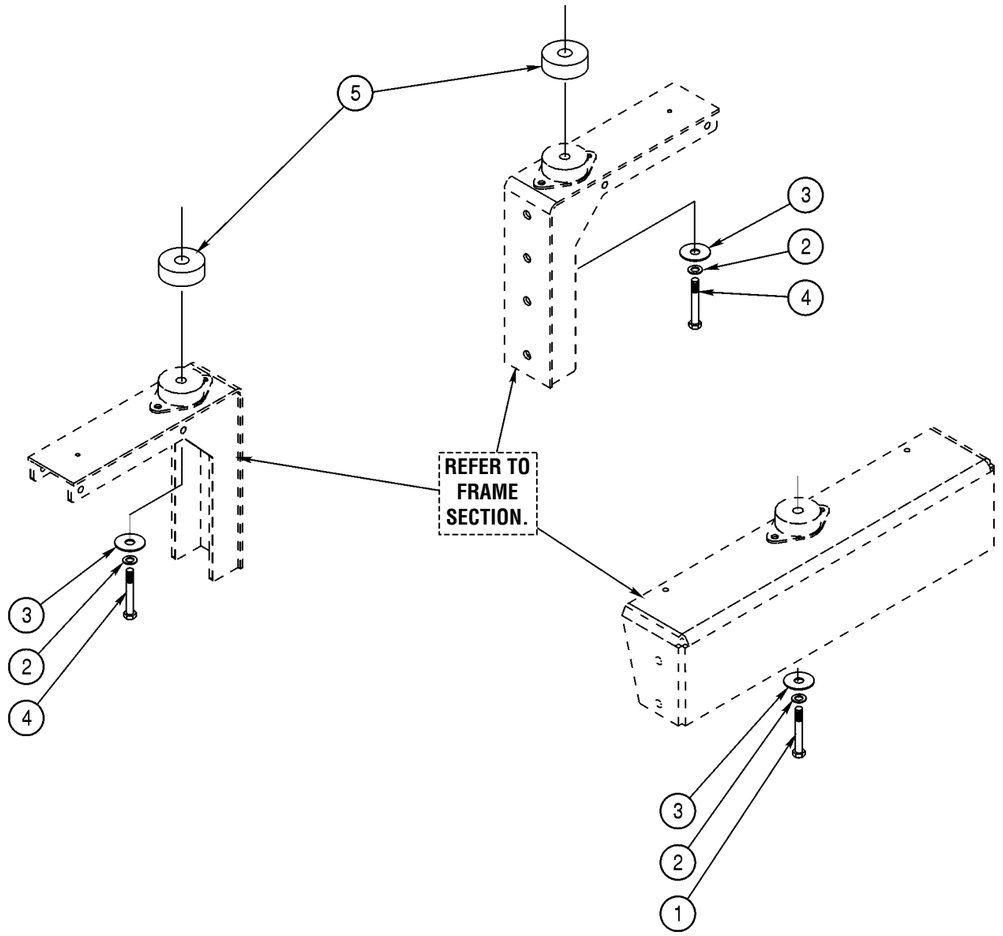
Cab Mounting



Item	Part Number	Qty	Description	Size	Comments
1	900006680	1	Bolt, Rear Cab Mount 3/4-16 X 5 1/2		Grade 5 ZP
2	902351000	3	Washer, Lock 3/4		
3	490002900	3	Snubber Washer		
4	900006695	2	Bolt, Front Cab Mount 3/4-16 X 6		Grade 5 ZP
5	100100604	2	Spacer, Front Cab Support		

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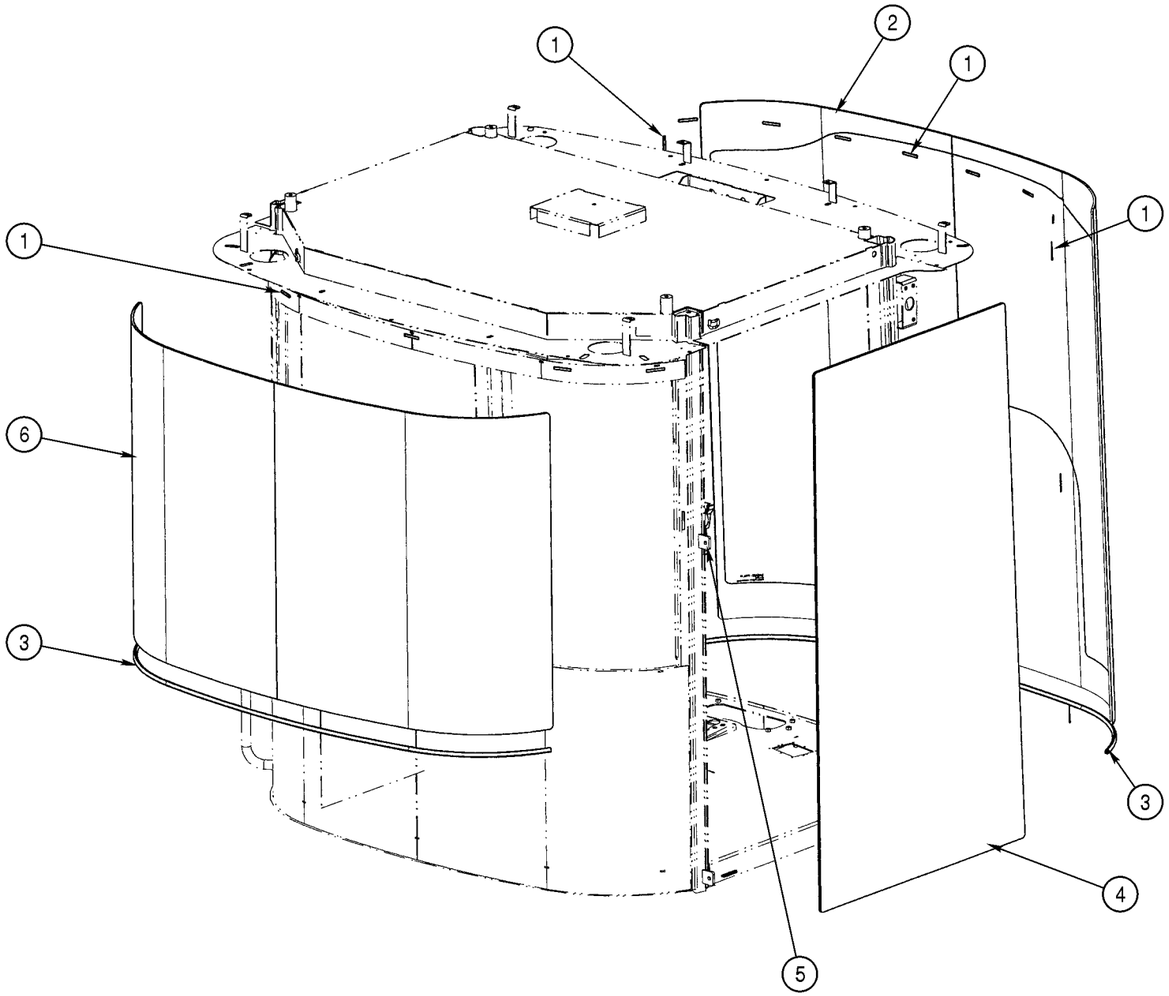
Glass Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000337	22	Block, Setting		.06 X .25 X 2.00, PSA
2	400000715	1	Glass, Front Cab, Laminated		
3	400000636	2	Trim. Lower Window Edge		
4	400000307	1	Glass, Right Side Cab		
5	400000336	1	Emergency Exit Hammer w/Cable		
6	400000716	1	Glass, Rear Cab, Laminated	”	

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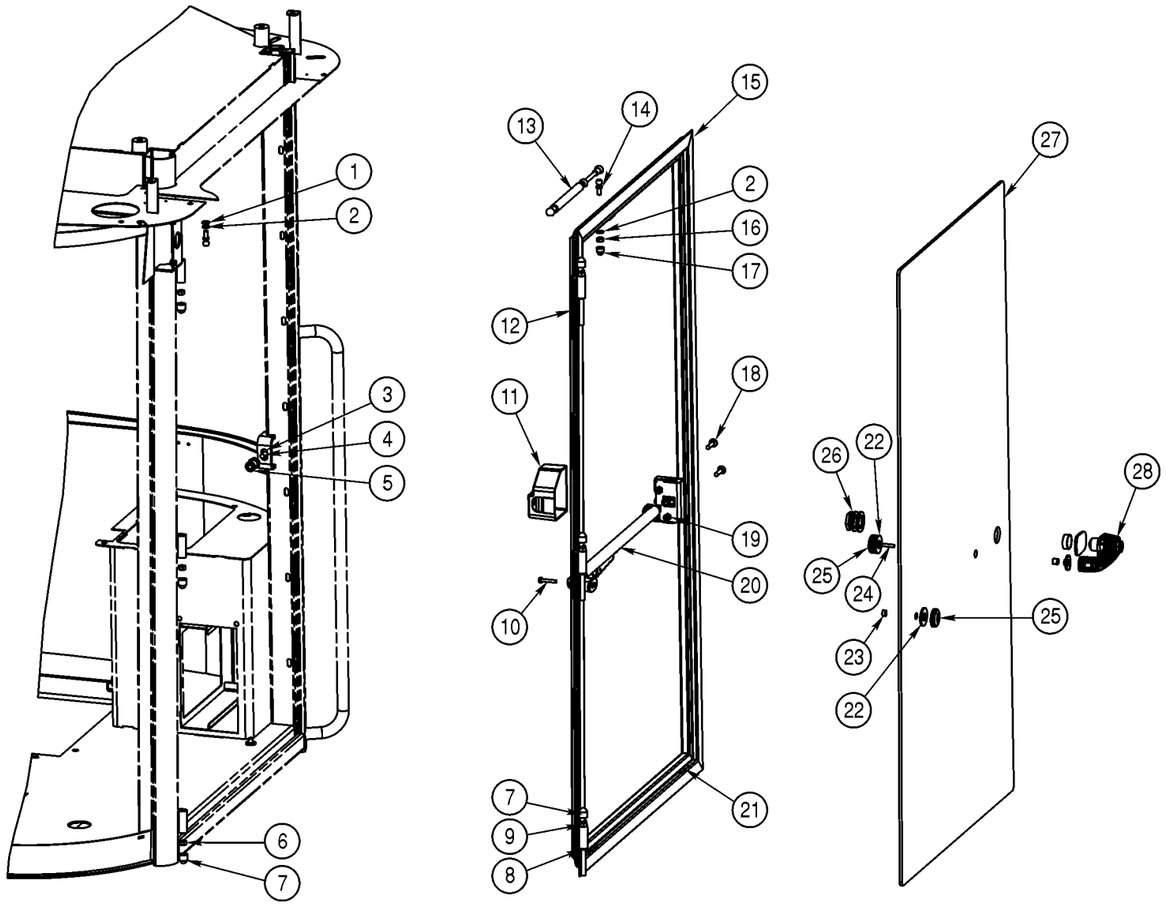
Door Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000450	1	Washer, flat		5/16”
2	400000429	2	Washer, lock		5/16”
3	400000449	1	Washer, flat		3/8”
4	400000432	1	Bolt		3/8”-16 X 7/8” G8
5	400000431	1	Striker		3/8”-16, internal thread
6	400000438	3	Nut		3/8”-16, 304Ss
7	400000435	6	Cap, protective		3/8” black nylon”
8	400000444	3	Washer, flat		.400” brass
9	400000434	3	Bolt		3/8”-16 X 4 1/2” 304Ss
10	400000046	1	Bolt		M6X1X45
11	400000440	1	Cover, grab handle latch, RH		
12	400000452	1	Seal, door		
13	400000310	1	Gas strut		
14	400000445	2	Ball stud		13MM DIA, M8X1.25”
15	400000451	1	Door		
16	400000430	1	Nut		M8X1.25
17	400000443	1	Cap, protective		M8 black plastic
18	400000436	2	Bolt		M8X1.25X35
19	400000437	2	Nut		M8X1.25
20	400000442	1	Interior release		
21	400000337	2	Block, setting		.06 X .25 X 2
22	400000365	2	Seal, rubber		
23	400000433	1	Bushing		1/20D X .257ID, white nylon”
24	400000453	1	Threaded rod, door handle mtg		
25	400000448	2	Bushing		M6
26	400000441	1	Washer		1 1/8” ID, black rubber
27	400000306	1	Glass, door, LH		
28	400000312	1	Handle, push button”		

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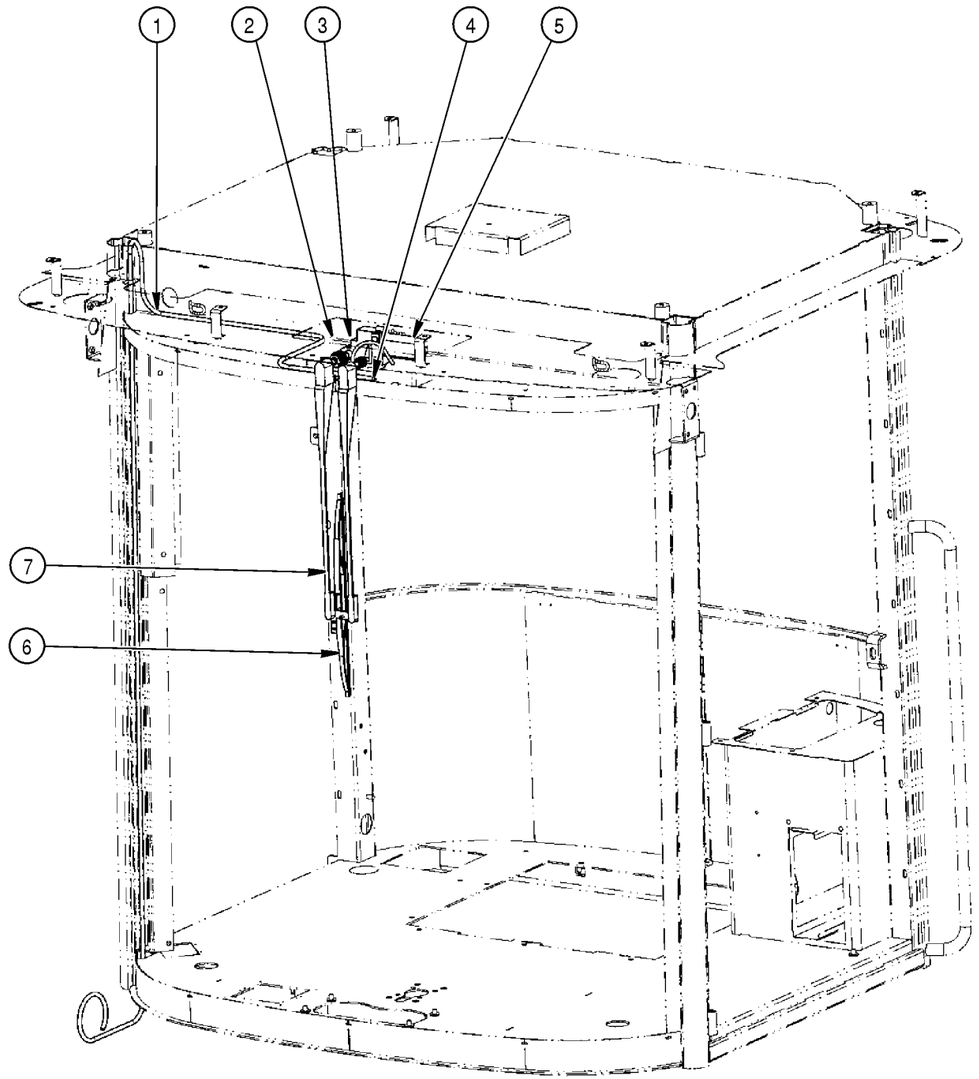
Wiper Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000332	1	HOSE, WINDSHIELD WASHER(05)		
2	400000326	1	NUT,10-24 HEX G5 CAB (05)		
3	400000327	1	BOLT,10-24X.50 G5 CAB (05)		
4	400000048	1	CONNECTOR, INLINE HOSE BARB		
5	400000329	1	WIPER MOTOR,CAB(05)		
6	400000331	1	BLADE,WIPER,450MM LONG		
7	400000330	1	ARM, WIPER CAB(05)		

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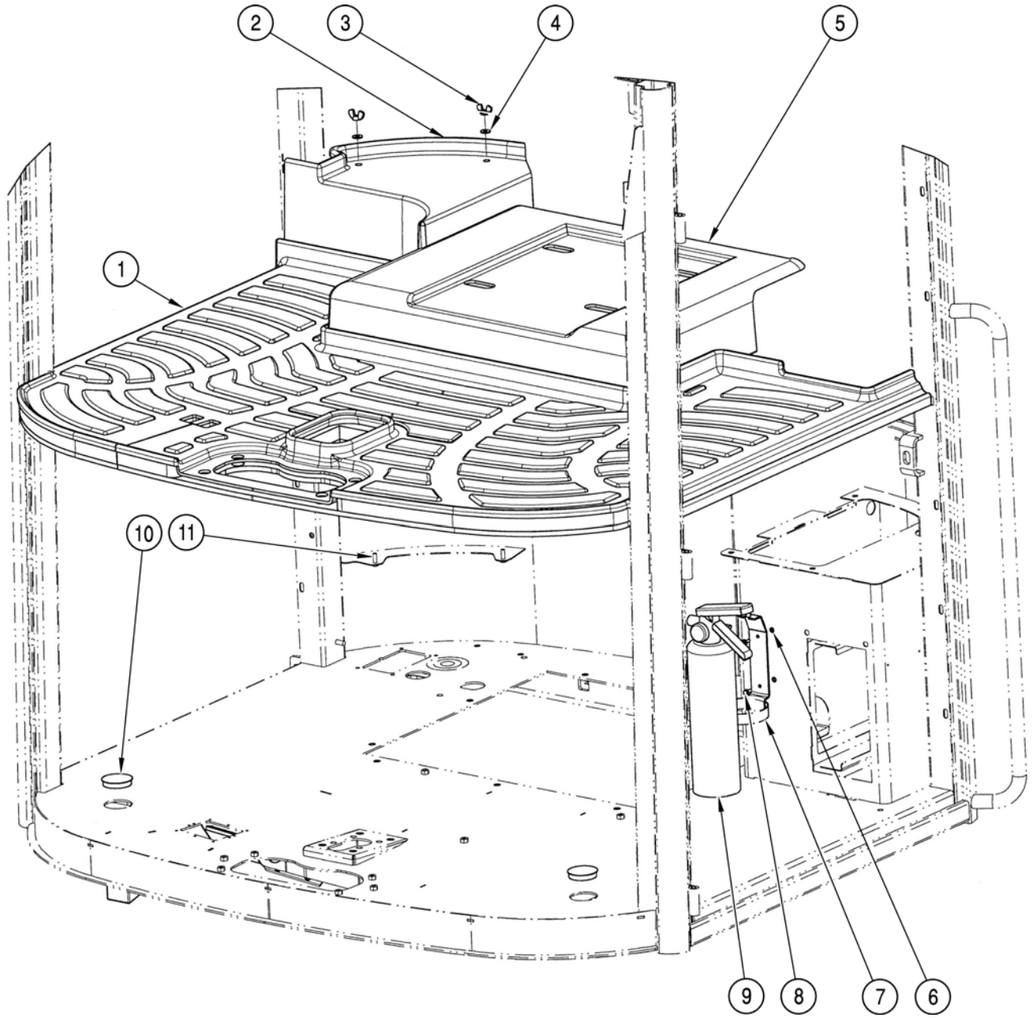
Lower Cab



Item	Part Number	Qty	Description	Size	Comments
1	400000688	1	FLOOR MAT KIT		
2	400000689	1	ELECTRICAL COVER ASSY		
3	400000047	2	NUT, 25-20, WING, TYPE A, ES5B		
4	400000346	2	WASHER, FLAT CAB (05) 3/8		
5	400000690	1	AC COVER ASSY		
6	400000342	2	NUT, 10-24, HEX CAB (05) FIRE EXT		
7	N/A	1	BRACKET, FIRE EXT MOUNT		INCLUDED WITH #9
8	400000327	2	BOLT, 10-24 X .50 G5 CAB (05)		
9	400000313	1	EXTINGUISHER, FIRE CAB (05)		
10	400000338	3	PLUG, ROUND FLOOR CAB (05)		
11	400000348	2	RNT, 1/4-20 RND CAB (05)”		

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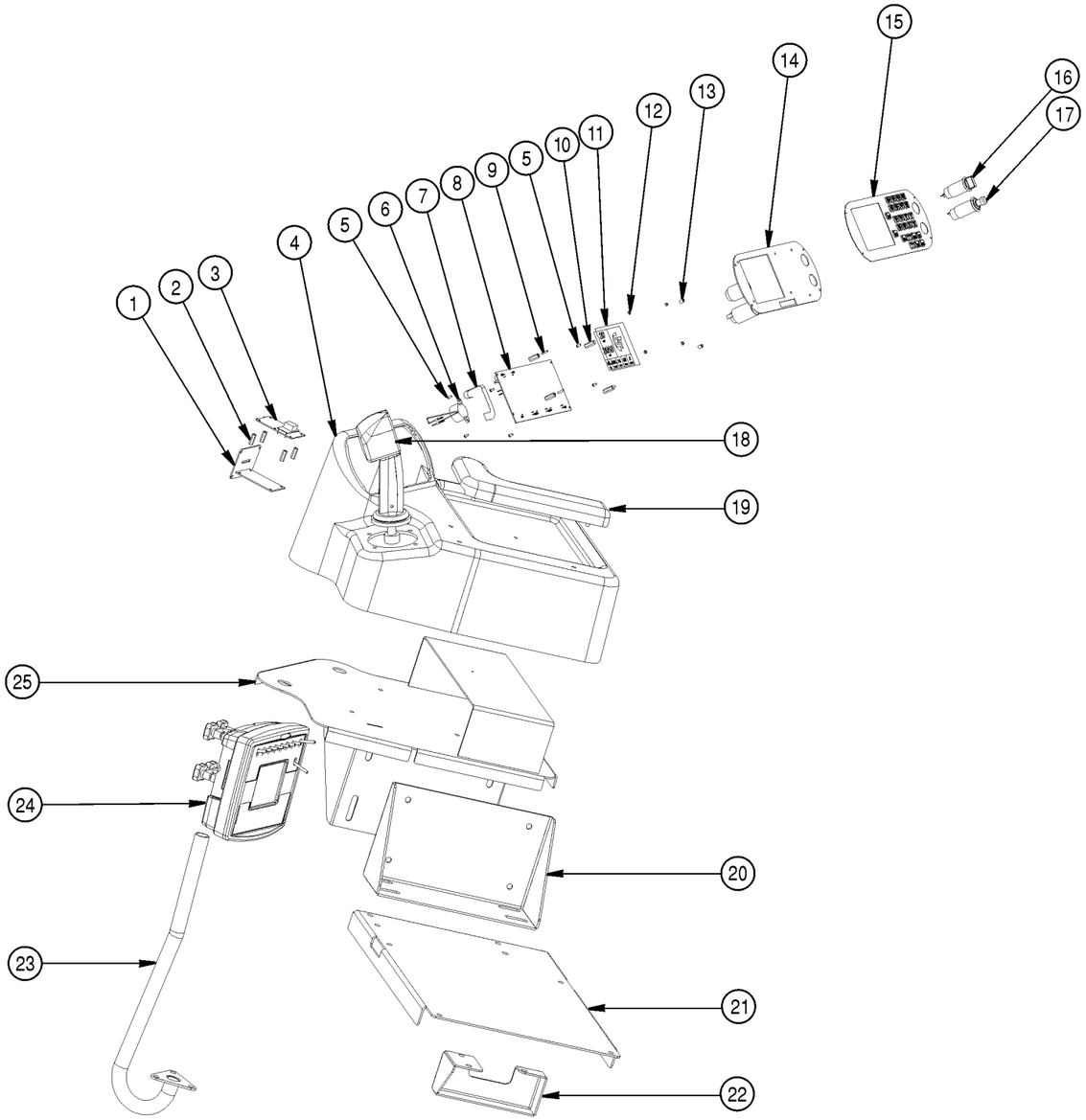

Item	Part Number	Qty	Description	Size	Comments
1	420301026	1	Bracket, Inverter/ SD Board		
2	420301027	6	Standoff, 4-40 Female/Female 3/4 Long		
3	700300095	1	Inverter and SD Drive, Circuit Board		
4	420301020	1	Console Housing, Plastic		
5	400000341	14	Screw, RHMS 4-40 X .25 Long		
6	700300020	1	Buzzer, Warning Alarm Console		
7	700300092	1	Cable, Ribbon LCD Display		
8	700300094	1	Controller, Main Board, Console		
9	420301031	2	Stud, 4-40 X 1/2” Long, Steel		
10	420301028	2	Standoff, 4-40 Male/Female 3/4 Long		
11	700300088	1	Display, LCD Screen		
12	420301029	4	Insert, 4-40 Press-in Short		
13	420301030	2	Insert, 4-40 Press-in Long		
14	420301024	1	Plate, Console		
15	420301022	1	Membrane, Console		
16	700300065	1	Accessory Outlet With Cap		
17	700300064	1	Plug, Cigarette Complete		
18	420300613	1	Handle, Control		
19	420301023	1	Arm Rest, Right Console		
20	420300618	1	Bracket, Seat Base to Console Pan		
21	420400002	1	Bracket, Seat Console Mount		
22	420300614	1	Bracket, Console Harness Clamp		
23	690001543	1	Bracket, Raven 4400 Controller		690001539 is the plastic plug in top of Bracket
24	611000100	1	Controller, Raven 4400		Rebuilt # 980000032 if available
25	420300617	1	Bracket, Console Pan”		
	300200100	1	ECU, Transmission 4 Speed JCB		Not Shown

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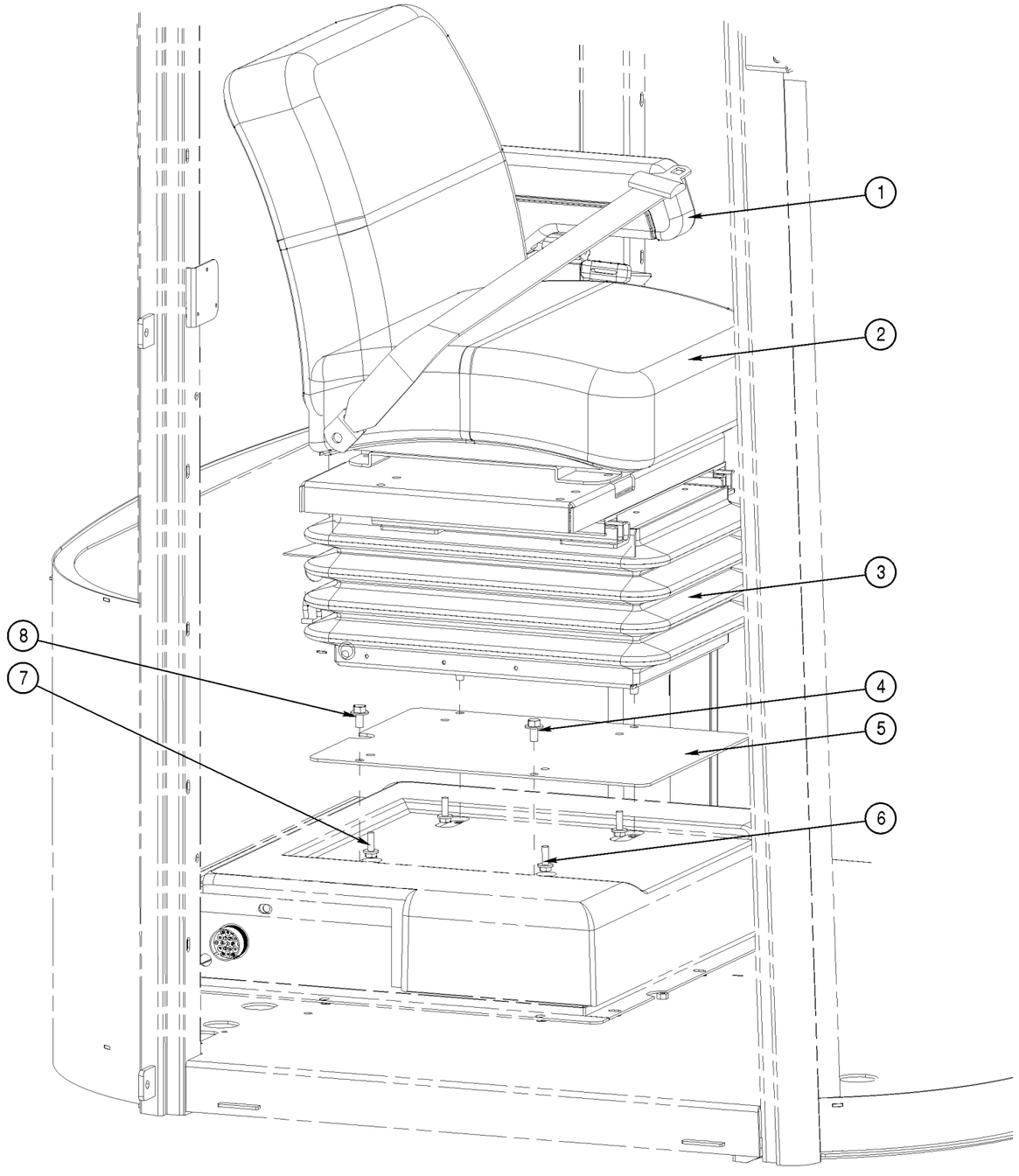
Seat Mounting



Item	Part Number	Qty	Description	Size	Comments
1	420400105	1	Arm rest, left		All models 2006 to 2010.
2	400000356	1	Seat, air suspension sears 12v		
3	400000719	1	Compressor assembly, seat		Bottom half of seat. Includes air compressor for seat, fittings, etc.
4	400000691	4	Bolt, hex 3/8-16 x 3/4 G8		
5	400000692	1	Plate, seat mount		
6	400000358	4	Bolt, hex M8 X 1.25 X .25		
7	400000357	4	Washer, flat .320, .75, .090		
8	400000682	4	Washer, flat .375, .880, .070		

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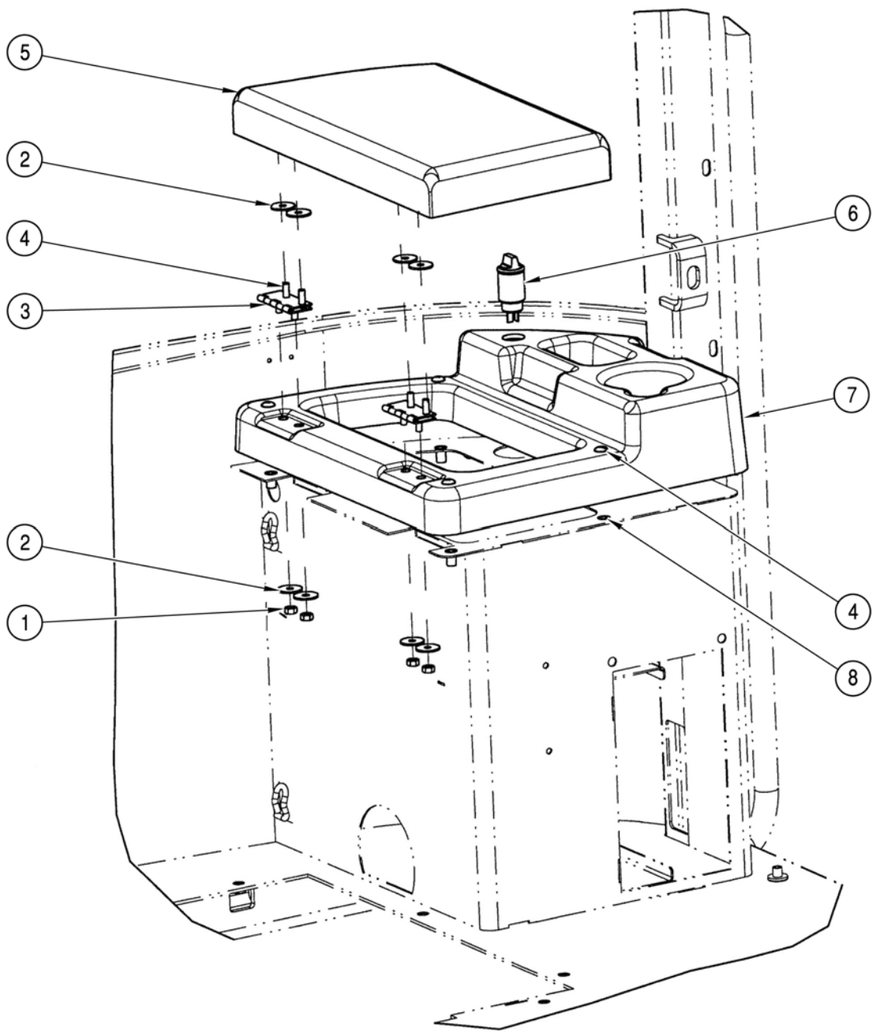
Padded Storage



Item	Part Number	Qty	Description	Size	Comments
1	400000422	4	NUT, 1/4-20 HEX G8 BUDDY SEAT		
2	400000363	8	WASHER FLAT CAB (05)		
3	400000425	2	HINGE, BUDDY SEAT (05)		
4	400000347	12	BOLT, 1/4-20 X .62 CAB (05)		
5	400000424	1	CUSHION, BUDDY SEAT(05)		
6	400000697	1	POWER POINT WITH CAP		
7	400000423	1	PLASTIC, BUDDY SEAT (05)		
8	400000348	4	RNT, 1/4-20 RND CAB (05)		

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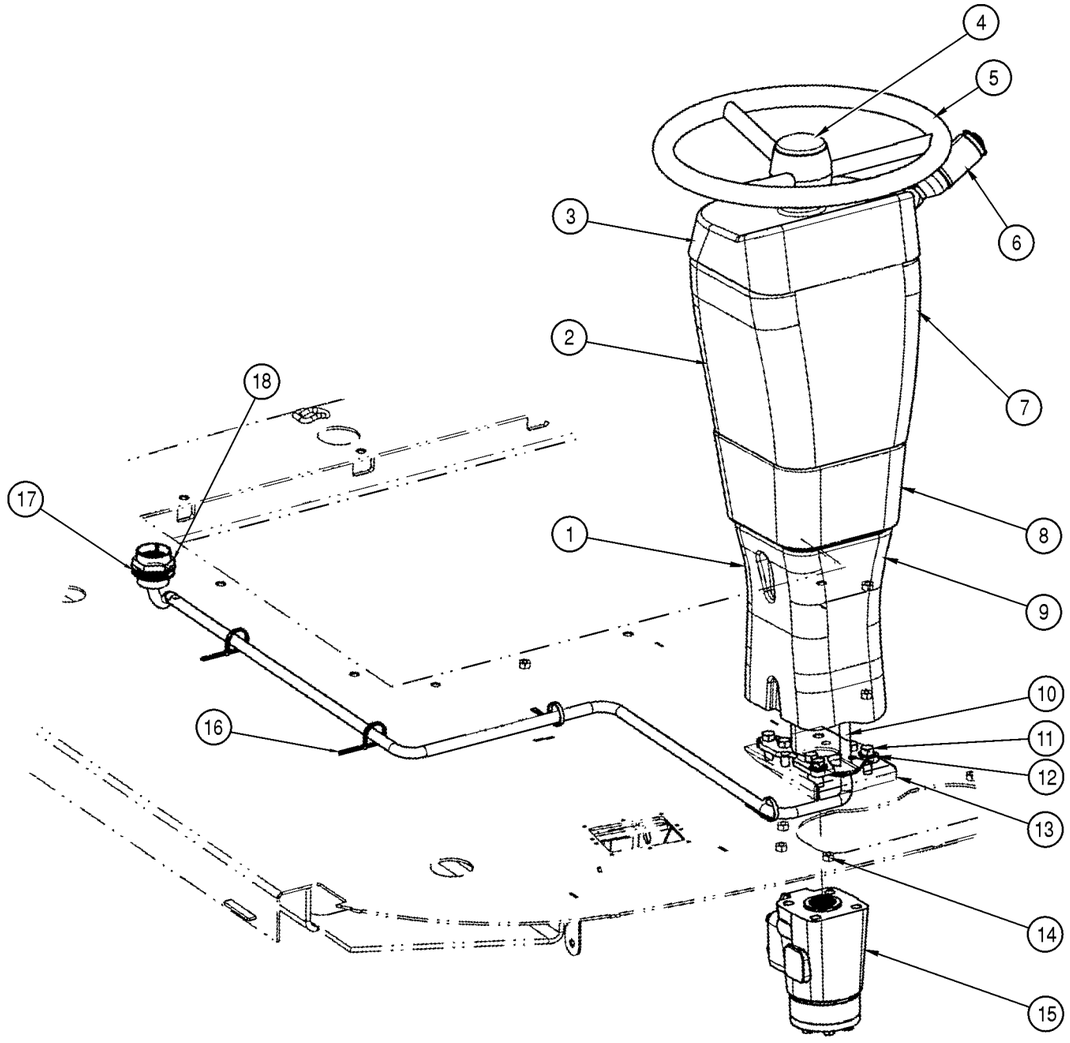

Item	Part Number	Qty	Description	Size	Comments
1	400000492	1	Plastic Cover, Lower Right		
2	400000490	1	Plastic Cover, Upper Right		
3	400000045	1	Steering Column Complete Assembly		Includes everything shown
4	400000496	1	Cap, Steering Wheel		
5	400000495	1	Steering Wheel		
6	400000485	1	Switch, Lever		
7	400000489	1	Plastic Cover, Upper Left		
8	400000493	1	Rubber Boot, Steering Column		
9	400000491	1	Plastic Cover, Lower Left		
10	400000494	1	Harness		
11	400000416	8	Bolt, HHCS 3/8-16 X 1 Grade 8		Torque to 35 ft-lb or 48N-m
12	400000418	4	Washer, Flat 3/8		
13	400000042	1	Edge Trim, Steering Column		”
14	400000438	8	Nut, Hex 3/8-16 Cab		
15	A00000042	1	Steering Pump/Motor with Fittings		
16	400000684	4	Tie, 12” long x .18 wide nylon		
17	400000043	1	Washer, Lock 1.7x2.074x.062		
18	400000044	1	Nut, Plastic 1 11/16-18		
	400000484	1	Switch, Hazard		Not shown, sits on other side of steering wheel
	400000487	1	Main Shaft, Steering		Not shown
	400000486	1	Switch, Ignition		Not shown

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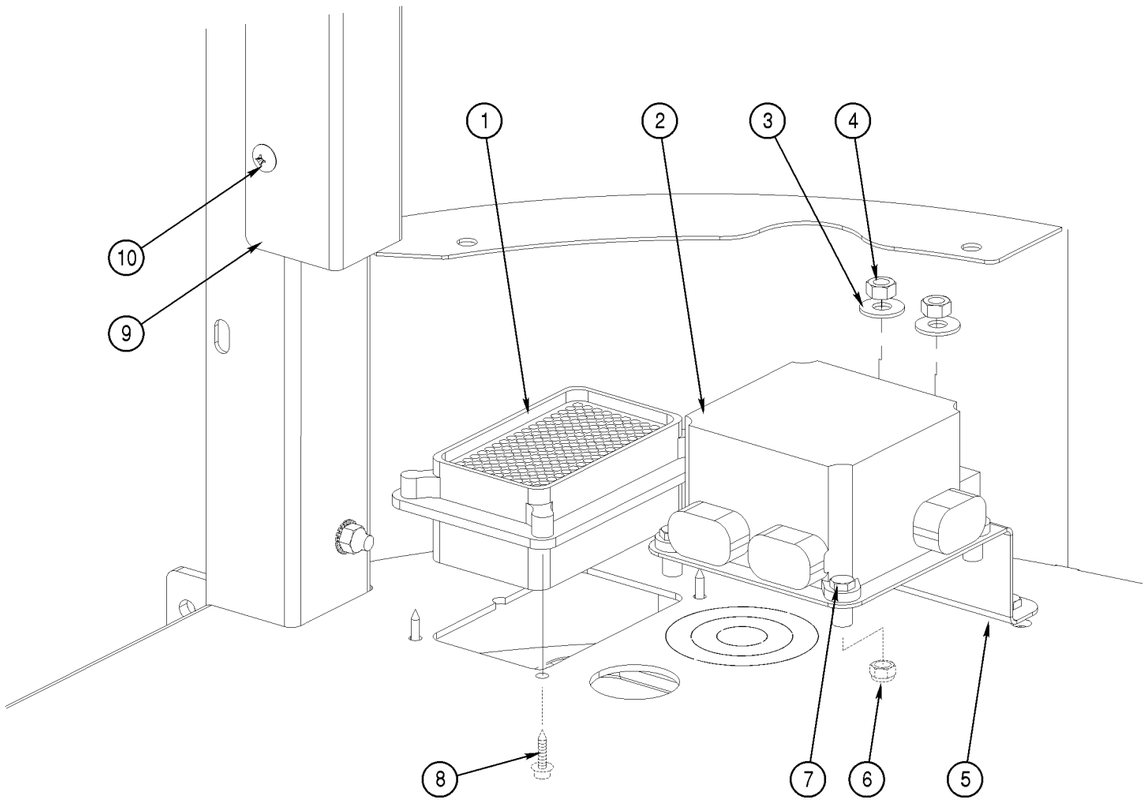

Item	Part Number	Qty	Description	Size	Comments
1	N/A	1	102 Pin Connector Included w/ Harness		700000451 Main Harness
2	700100109	1	Fuse Block, Bussman		
3	400000682	2	Washer, Flat .375, .880,.070		
4	400000430	2	Nut, M8 x 1.25 Hex Cab		
5	400000683	1	Bracket, Fuse Block Mounting		
6	400000348	11	Nut, Round 1/4-20		
7	400000373	6	Bolt, 1/4-20 x 3/4 Hex G8		
8	400000028	4	Screw, Pan #10-16 X .75		
9	400000029	1	Cover, B-post		Covers harness
10	400000347	5	Bolt, 1/4-20 X 5/8”		

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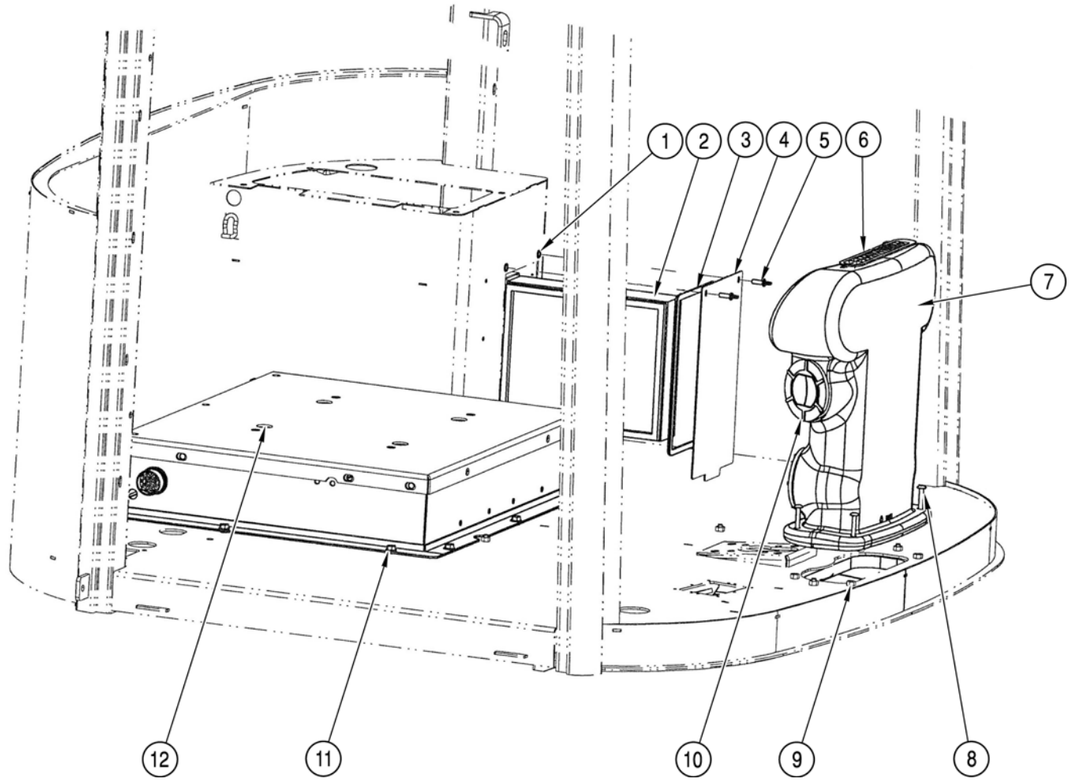
Inside Air Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000348	2	RNT, 1/4-20 RND Cab		
2	490003650	1	Filter, Cab Charcoal		
3	400000034	1	Seal, Filter Access Plate		
4	400000035	1	Plate, Filter Access		
5	400000401	2	Bolt, 1/4-20 x 3/4 THB FL		
6	400000406	1	Louver, Fixed Vane		
7	400000413	1	Air Duct Plastic		
8	400000036	4	Bolt, 1/4-20 x 1 1/2		
9	400000414	1	Seal, Air Duct Cab		Not Shown
10	400000598	6	Louver, 4” Flat Round		
11	400000402	10	Bolt, 1/4-20 x 1.25		
12	400000033	1	Air System 12 volt complete		

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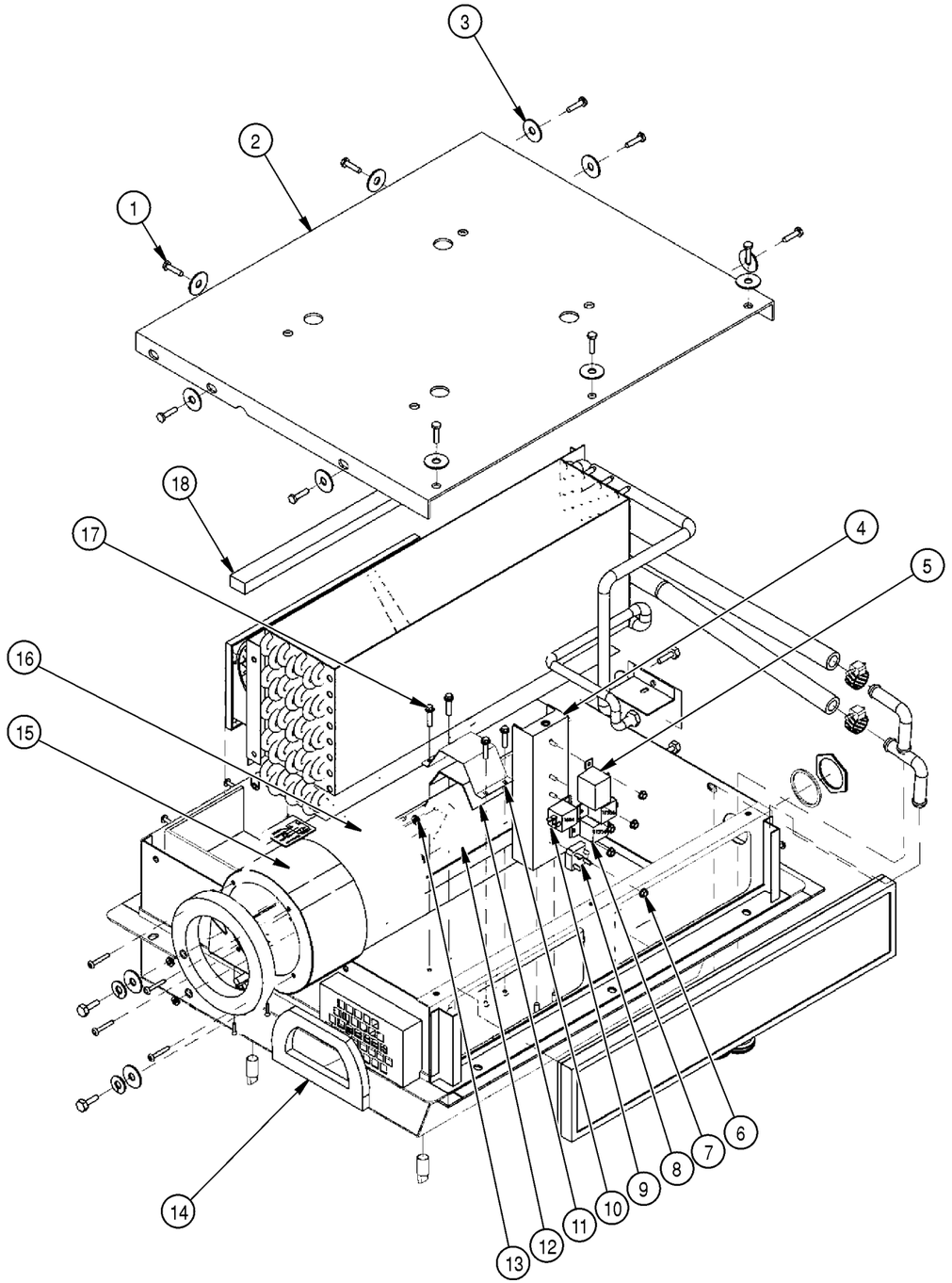
Air Assembly Detail 1



Item	Part Number	Qty	Description	Size	Comments
	400000033	1	Air System, A/C, Heat 12V Complete		
1	400000436	11	Bolt, M8 x 1.25 x 35		
2	400000699	1	Cover		
3	902003035	15	Washer, Flat 1/4		
4	400000641	1	Middle Seat Brace		
5	400000539	1	Cold Control		
6	400000326	5	Nut, #10-24		
7	400000534	2	Relay		
8	400000540	1	Bridge Rectifier		
9	400000535	1	Relay, 12v-50amp		
10	400000646	1	Motor Strap		
11	400000702	1	Tape, Vibration Damp	5	
12	400000536	1	SD Blower Motor Assembly		
13	901000243	4	Washer, #10		
14A	400000024	5.75”	Double Sided Tape		
14B	400000023	16”	Foam Weather Strip		
15	400000022	1	Scroll W/A, w/Cutout for Resistor”		
16	400000538	1	Squirrel Cage Fan		
17	400000327	10	Screw #10-24		
18	400000700	1	Seal, Top of Core		

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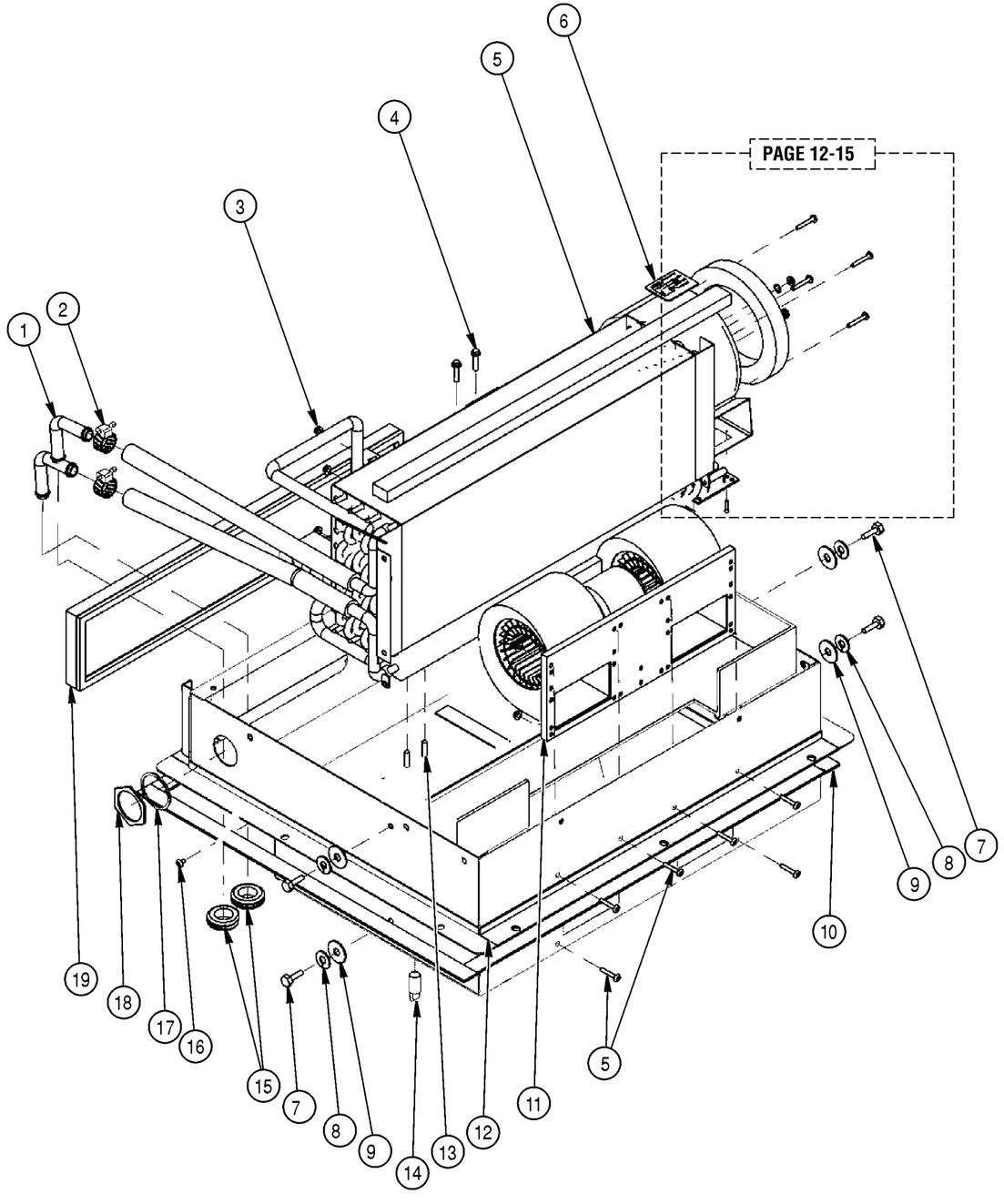
Air Assembly Detail 2



Item	Part Number	Qty	Description	Size	Comments
	400000033	1	Air System, A/C, Heat 12V Complete		
1	400000541	2	Elbow		
2	400000459	2	Clamp, Hose		
3	400000326	6	Nut, #10-24		
4	900000090	10	Screw #10-24 x 1		
5	400000474	1	Coil Assembly		
6	N/A	1	Decal, Information		Included with coil assembly
7	400000347	4	Bolt, HHCS 1/4-20		
8	902210085	4	Washer, Lock 1/4		
9	902003035	15	Washer, Flat 1/4		
10	400000027	2	Weather strip, Cut		
10A	400000026	2	Weather strip, Cut		
11	400000537	1	Blower		
12	400000025	1	Main Housing		
13	NSS	2	Stud, Coil Assembly Mount		Included with main housing assembly
14	400000703	4	Drain Cap		
15	400000648	2	Grommet		
16	400000327	1	Screw #10-24 Sems		
17	400000642	1	Washer, 1.875 ID,2.125 OD”		
18	400000643	1	Deutz Nut		
19	490006660	1	Filter, Behind Seat		
	400000469	1	Valve, Expansion		Not Shown

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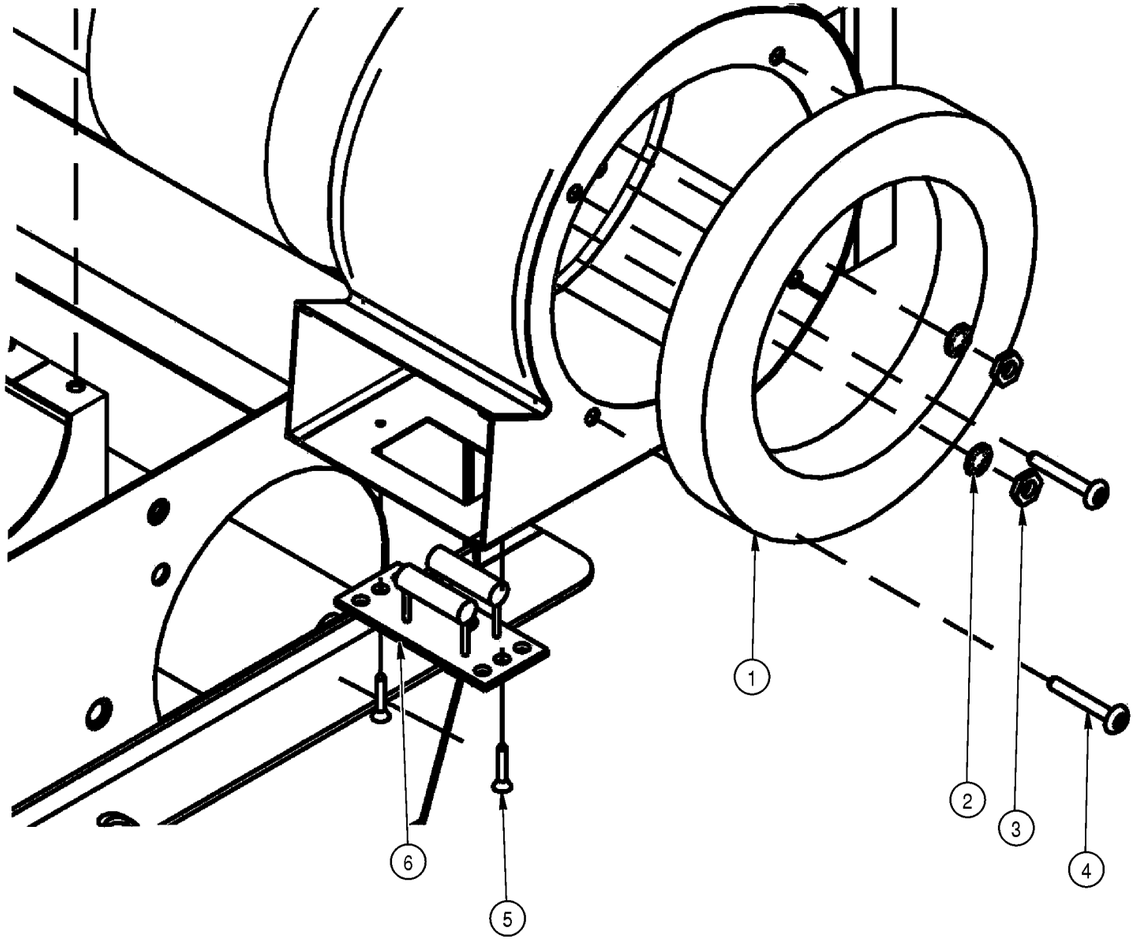
Air Assembly Detail 3



Item	Part Number	Qty	Description	Size	Comments
1	400000644	1	Round Foam Seal		
2	901000243	2	Washer, Lock 10-32		
3	901100301	2	Nut, 10-32		
4	400000647	4	Screw, 10-24 x 1.25 Phil Pan Head		
5	400000546	2	Screw, #7 X 1/2		
6	400000545	1	Resistor, Blower Motor		
	400000544	1	Kit, Blower Resistor		Includes Items 5, 6, & required wires to install

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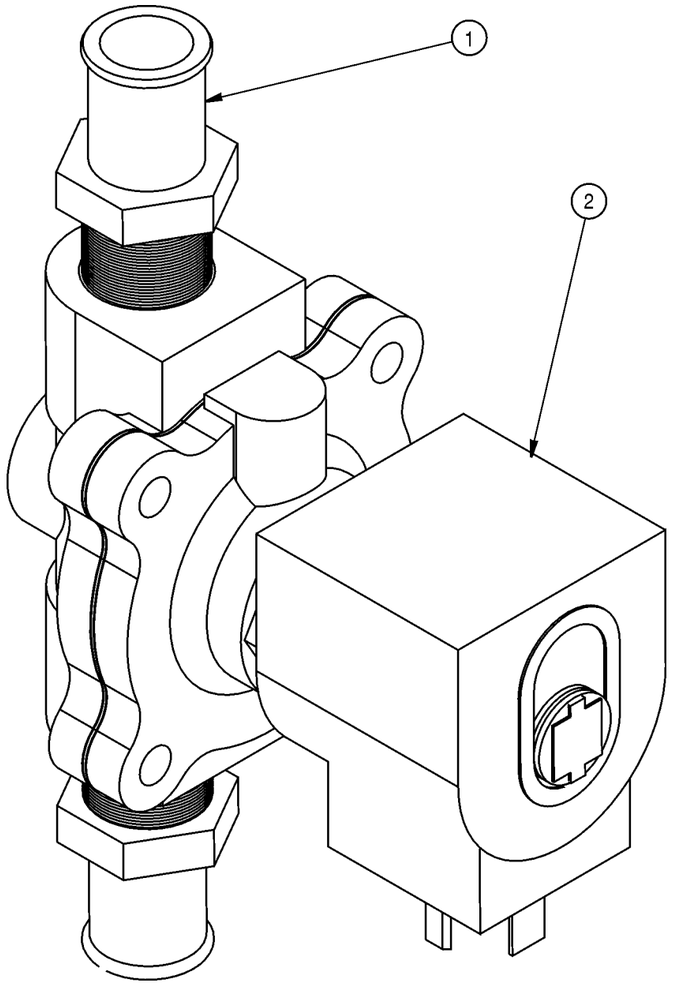

Item	Part Number	Qty	Description	Size	Comments
1	400000466	2	Fitting, Beaded Nipple		
2	400000713	1	Valve, Water		Out faces engine and in faces rear when installed

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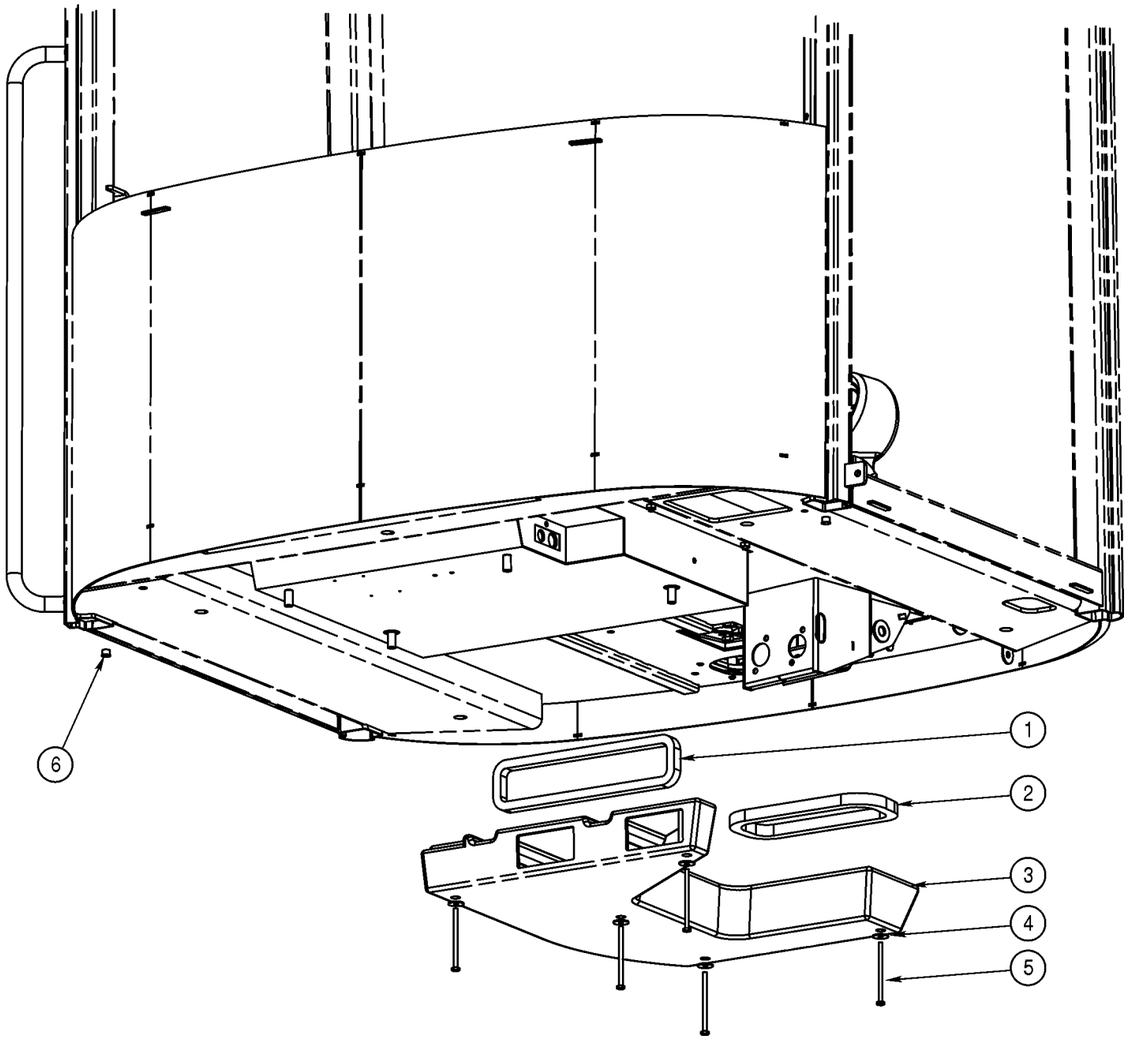
Lower Air Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000685	1	Seal, Air Duct Rear Of Duct		
2	400000414	1	Seal, Air Duct Cab		
3	400000686	1	Duct, Rotomold Cab		
4	400000363	5	Washer, Flat Cab		
5	400000687	5	Bolt, Hex 1/4-20 x 4 Cab Duct		
6	400000400	3	Plug, Round Cab		

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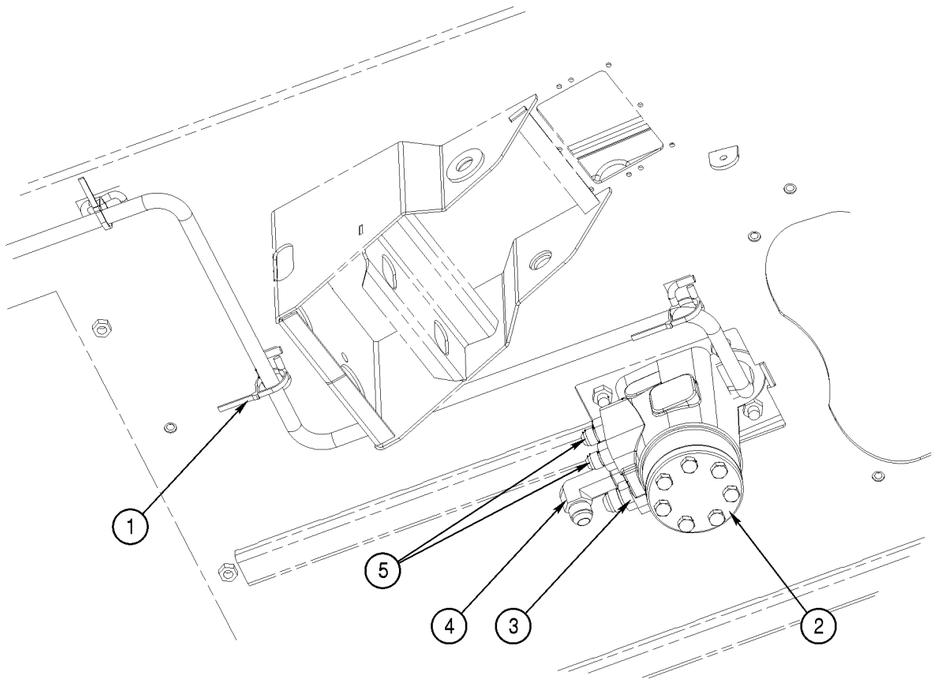
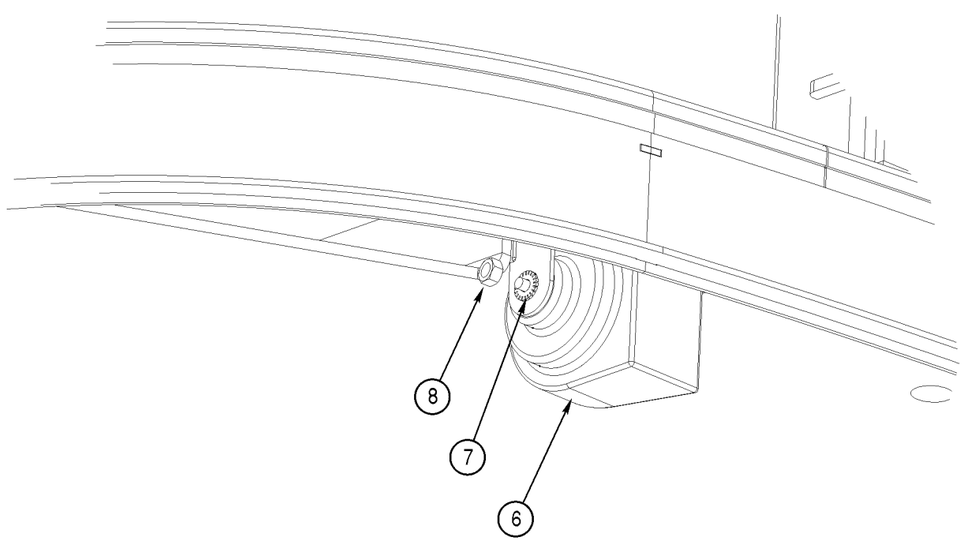
Horn & Steering Motor





Item	Part Number	Qty	Description	Size	Comments
1	400000684	4	Tie, Nylon 12” long X .18 wide		
2	860000005	1	Steering Motor, Danfoss		
3	800302445	1	Fitting, 8 FLM X 8 ORM		
4	800302174	1	Fitting, 8 FLM X 8 ORM 90 Long		
5	800303024	2	Fitting, 6 FLM X 8 ORM		
6	400000343	1	Horn, 12V		
7	400000339	1	Washer, .266 X .626 X .057		
8	400000422	1	Nut, 1/4-20”		

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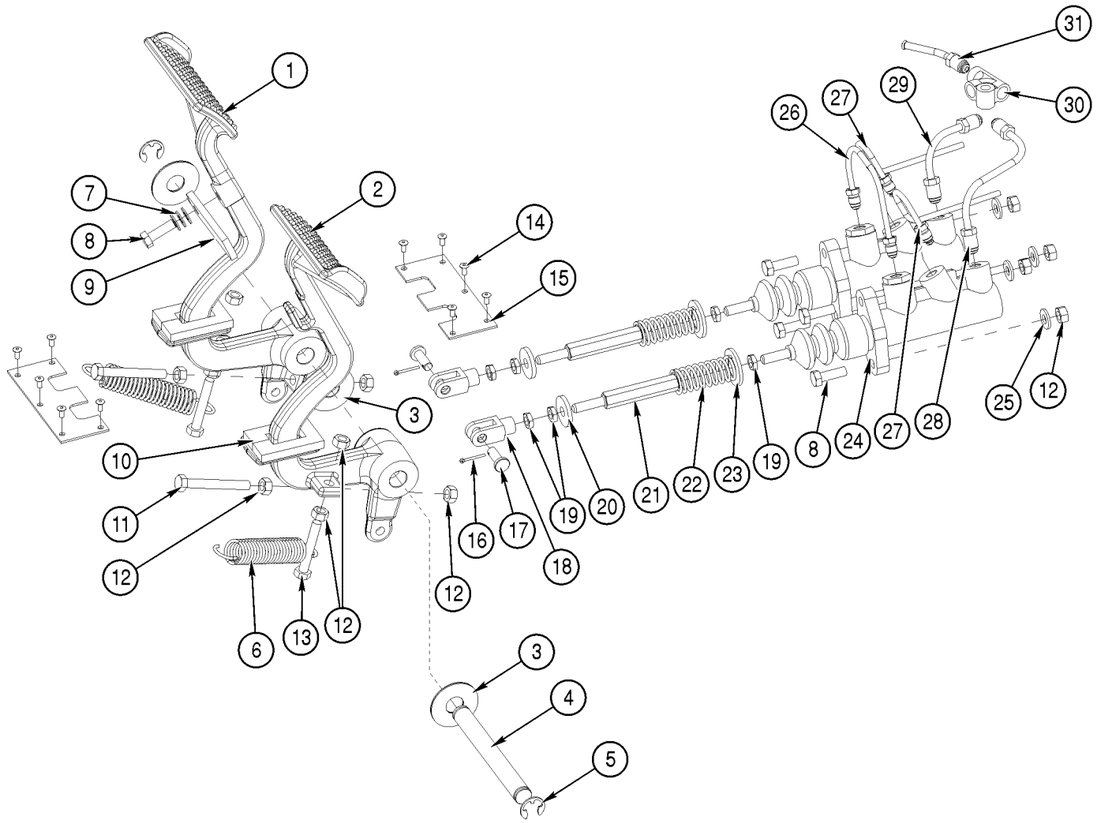
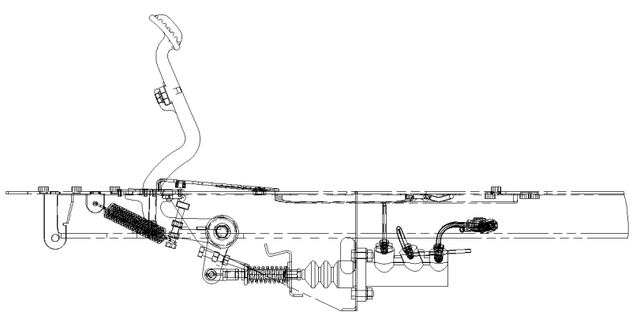
Brake Assembly





Item	Part Number	Qty	Description	Size	Comments
1	400000654	1	Brake pedal, right		
2	400000655	1	Brake pedal, left		
3	400000656	5	Washer, Flat 17, 45, 1 Cab		
4	400000657	1	Shaft, Brake Pedal		
5	400000397	2	Circlip, Cab (05)		
6	400000398	2	Spring, Extension Brake (05)		
7	400000658	3	Washer, Spring 8.2,16, .045 C		
8	400000659	1	Bolt, Hex M8 x 1.25 x 25 Cab		
9	400000660	1	Plate, Link Flat, Brake assy		
10	400000661	2	Seal, Around Brake Pedal		
11	400000662	2	Bolt, Hex M8 x 65 G8 Cab		
12	400000430	12	Nut,M8 x1.25 Hex Cab (05)		
13	400000681	2	Bolt, Hex M8 x 50 G8.8 Cab		
14	400000663	10	Rivet,4 x 8.6 Cab		
15	400000664	2	Plate, Brake Opening		
16	400000665	2	Pin, cotter 2 x 20”		
17	400000666	2	Pin, Clevis B P 8 x 22 Cab		
18	400000667	2	Clevis		
19	400000668	6	Nut, Jam M8 x 1.25 Cab		
20	400000669	2	Washer, Flat 9, 28, 3.6 Cab		
21	400000670	2	Coupling, Brake		
22	400000671	2	Spring, Compression, Brake		
23	400000672	2	Washer, Flat,17,34,3 Cab		
24	400000673	2	Master Cylinder, Brake		
25	400000674	4	Washer, Bev 8, 18, 1.4 Cab		
26	400000675	1	Brake line		
27	400000676	2	Brake line		
28	400000677	1	Brake line		
29	400000678	1	Brake line		
30	400000679	1	Connector, T-Piece Cab		
31	400000680	1	Brake line		

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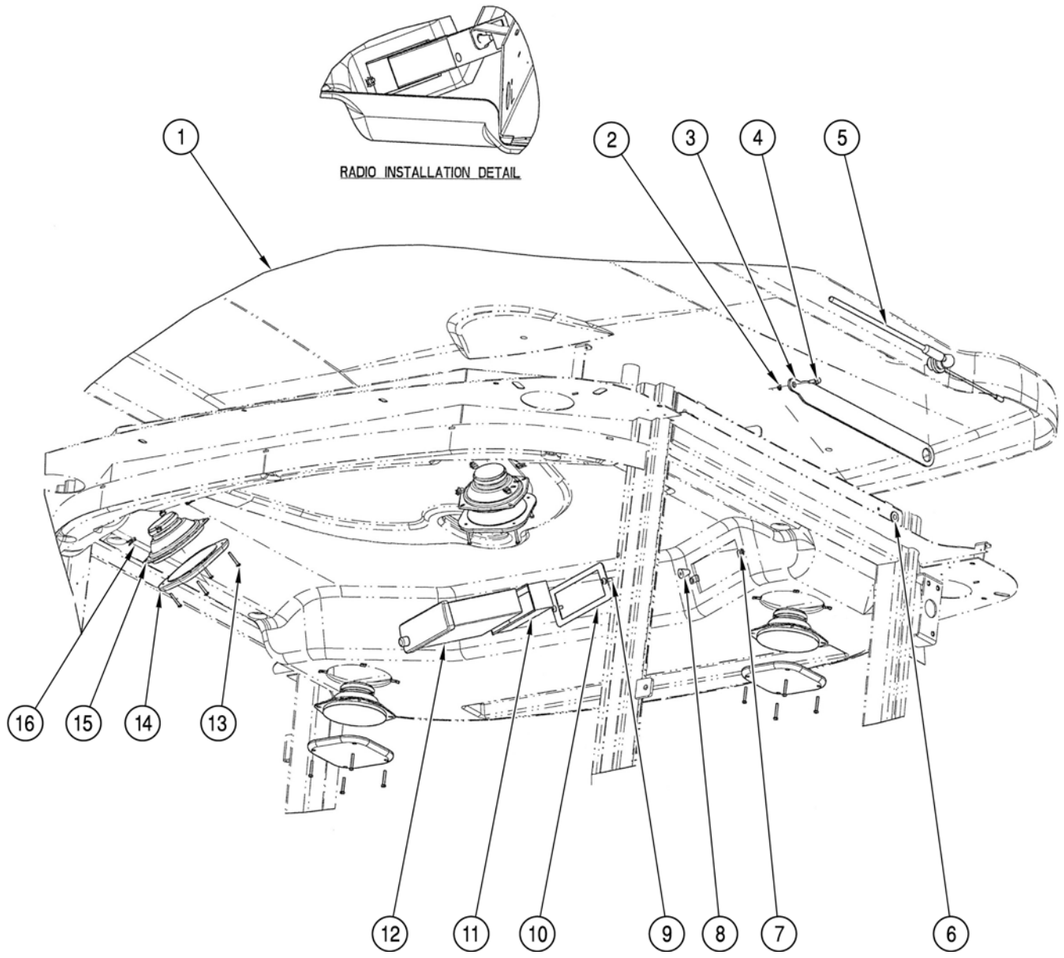
Radio Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000301	1	Roof, Cab Plastic		
2	400000039	1	Washer, .260 x .50 x .050		
3	400000040	1	Cable, Antenna Ground		
4	400000038	1	Screw, Self tap 1/4-20x .75		
5	400000041	1	Antenna, AM/FM 2.1M		
6	400000317	1	Washer, Buna Antenna Cab		
7	400000324	2	Nut, U-Clip M4 Cab		
8	400000322	1	Bumper, Rear Radio Support		Included with radio
9	400000318	2	Bolt, Radio Cover M6 x 1 x 16		
10	400000325	1	Plate, Radio Mounting Cab		
11	N/A	1	Radio Mount Sleeve		Included with radio
12	400000502	1	Radio, Cab, With CD Player		
13	400000637	16	Bolt, M4 x .7 x 30		
14	400000321	4	Speaker Cover, Cab		
15	400000320	4	Speaker, Cab		
16	400000323	16	U-clip M4 Cab		

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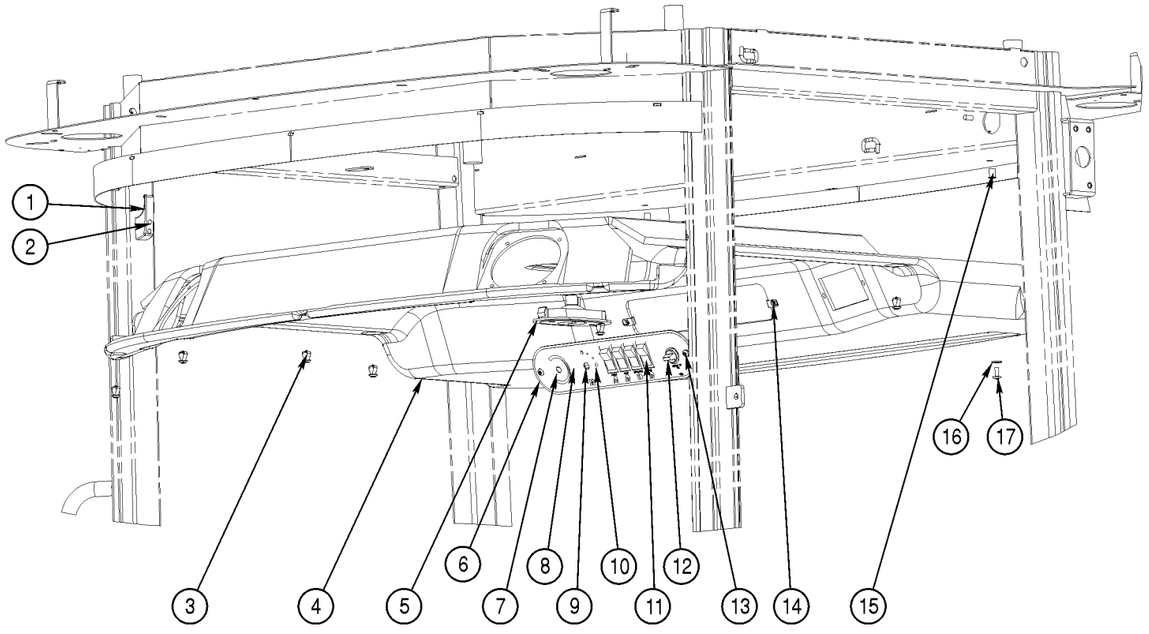
Station 2 Cab • AS710, AS1010 & AS1210

Upper Cab Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000693	1	Hook, Clothing		
2	400000349	2	Screw, #8-18 x .50 Pan Cab		
3	400000352	7	Plug, Screw type Cab		
4	400000694	1	Headliner With Barrier		
5	400000353	1	Lamp, Interior Assy Dome Light		
6	400000695	1	Switch plate, Cab		
7	400000712	2	Knob, Upper Cab		
8	400000711	1	Switch, Control Temperature & A/C		
9	400000531	1	Switch, 3 Speed Air		
10	400000037	1	Decal, Switch plate Cab 07		
11	400000351	5	Switch, Rocker Cab		
12	400000697	1	PowerPoint With Cap		
13	400000318	2	Bolt, M6 x 1 x 16		
14	400000324	2	Nut, U-Clip M4		
15	400000347	2	Bolt, 1/4-20 x .62		
16	400000346	2	Washer, Flat Cab 3/8”		
17	400000348	2	RNT, 1/4-20 RND”		

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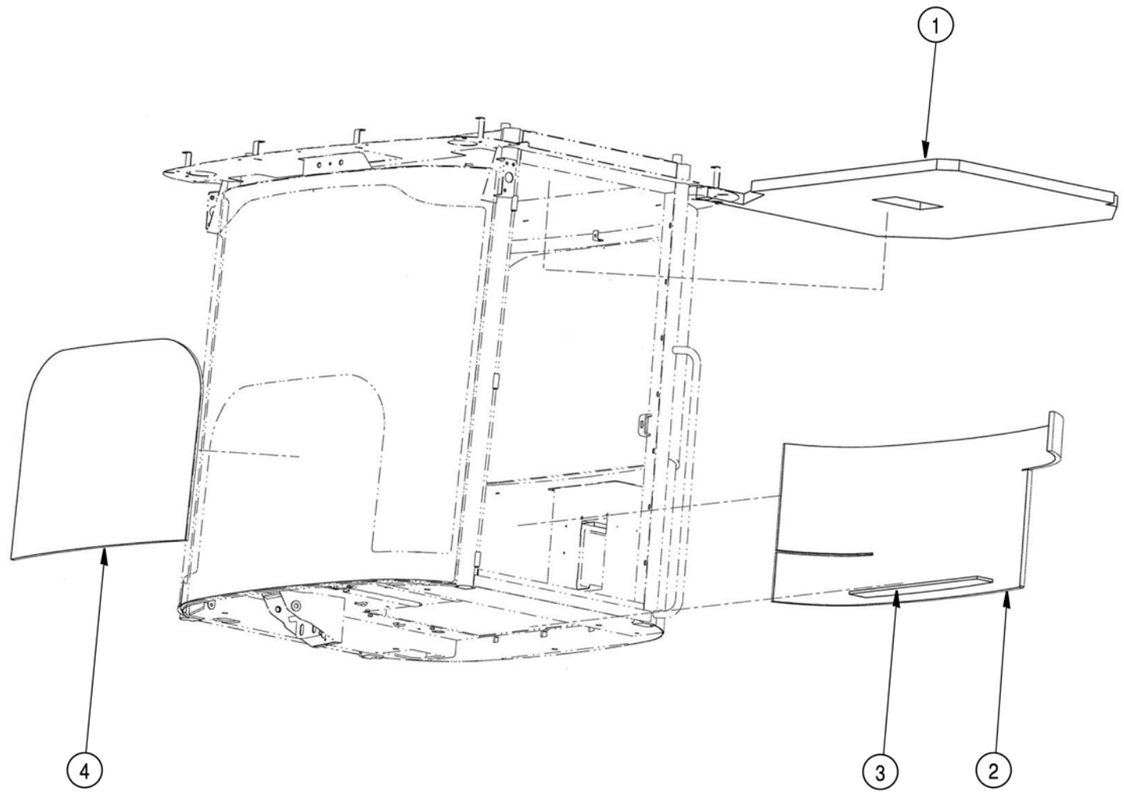
Sound Abatement



Item	Part Number	Qty	Description	Size	Comments
1	400000511	1	Foam, Roof		
2	400000344	1	Foam, Rear		
3	420000036	1	Barrier, Sound Mat Rear Small		
4	420000034	1	Barrier, Front Cab Glass		

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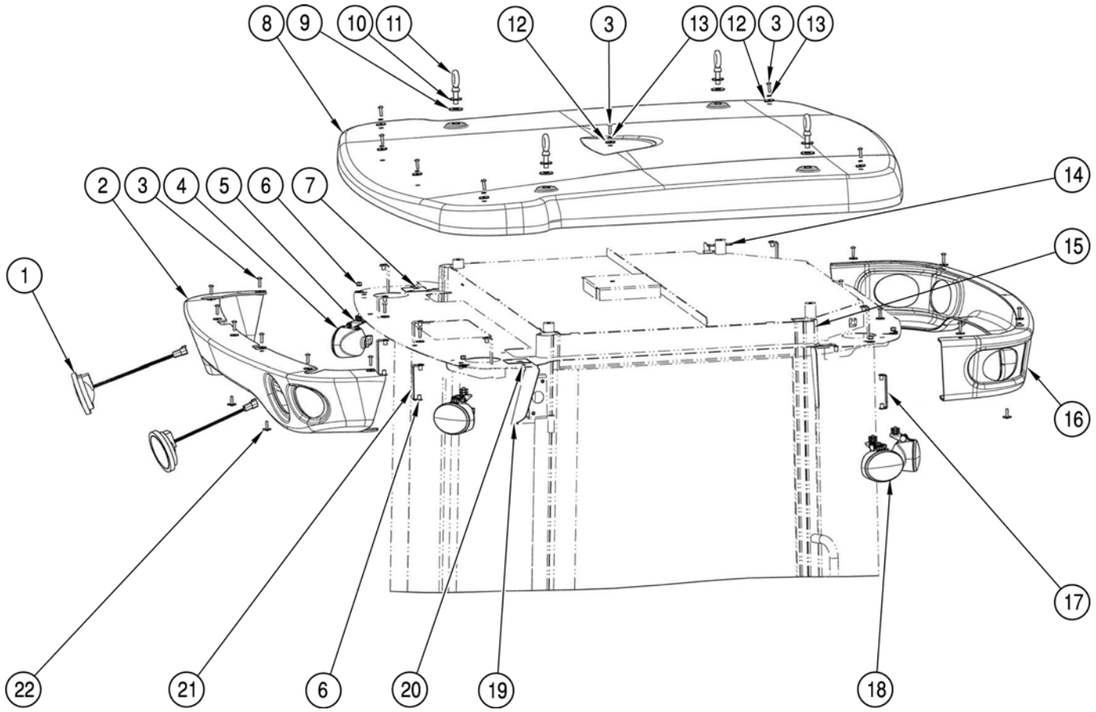
Roof Assembly



Item	Part Number	Qty	Description	Size	Comments
1	400000525	2	Assy, Signal/Marker Light		
2	400000302	1	Bezel, Light Front Cab		
3	400000362	26	Bolt, 1/4-20 x 1 TRS Cab		
4	400000316	4	Light, Cab Flood		
5	400000359	24	Washer, Flat Cab		
6	400000348	26	RNT, 1/4-20 RND Cab		
7	400000371	1	Angle, Light Bezel Cap R/H Cab		
8	400000301	1	Roof, Cab Plastic		
9	400000365	4	Seal, Rubber		
10	400000360	4	Washer, Flat Cab		
11	400000364	4	Eyebolt, W/Shoulder 1/2-13 NFT		Replaced at assembly with 900003225 Bolt, Hex 1/2-13 X 1
12	400000707	7	Washer, Cab .313, 1.125, .100		
13	400000374	7	Washer, Lock .254 X .480 X .07		
14	400000369	1	Plate, Rear Bezel Close Off R/H		
15	400000368	1	Plate, Rear Bezel Close Off L/H		
16	400000303	1	Bezel, Light Rear Cab		
17	400000367	2	Mount, Rear Light Bezel Cab		
18	400000315	2	Light, Cab Trapa		
19	400000370	1	Angle, Light Bezel Cap L/H Cab		
20	400000333	8	Rivet, Window Seal Cab		
21	400000366	2	Mount, Front Light Bezel		
22	400000363	19	Washer, Flat Cab		

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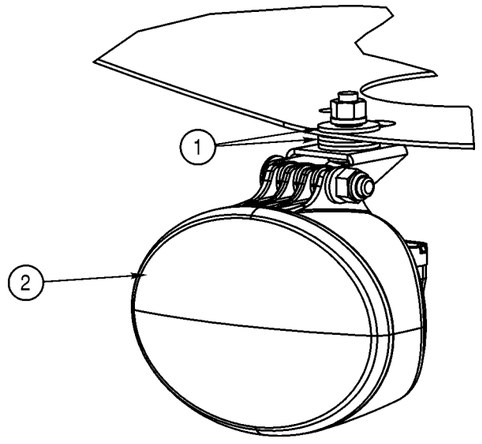
Work Light



Item	Part Number	Qty	Description	Size	Comments
1	400000429	3	Washer, Cab (05)		
2	400000315	6	Light, Cab Trapa (05)”		

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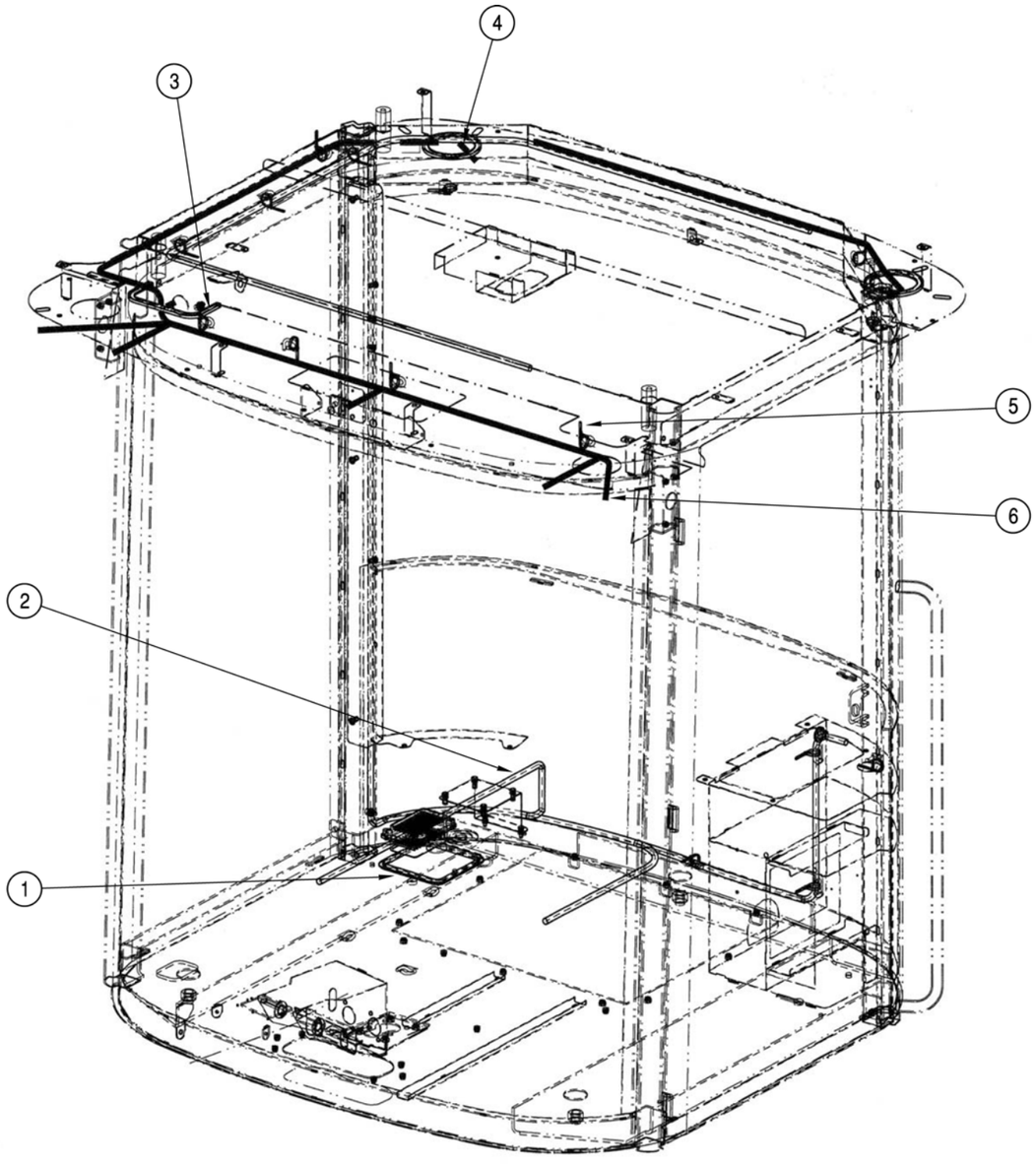

Item	Part Number	Qty	Description	Size	Comments
1	400000031	1	Edge Trim		
2	700000451	1	Harness, Main Cab 07		
3	400000030	1	Edge Trim, Front RH		
4	400000032	3	Edge Trim		
5	400000684	15	Tie, Nylon 12” Long X .18 Wide		
6	700000509	1	Harness, Roof, Exterior Lights		

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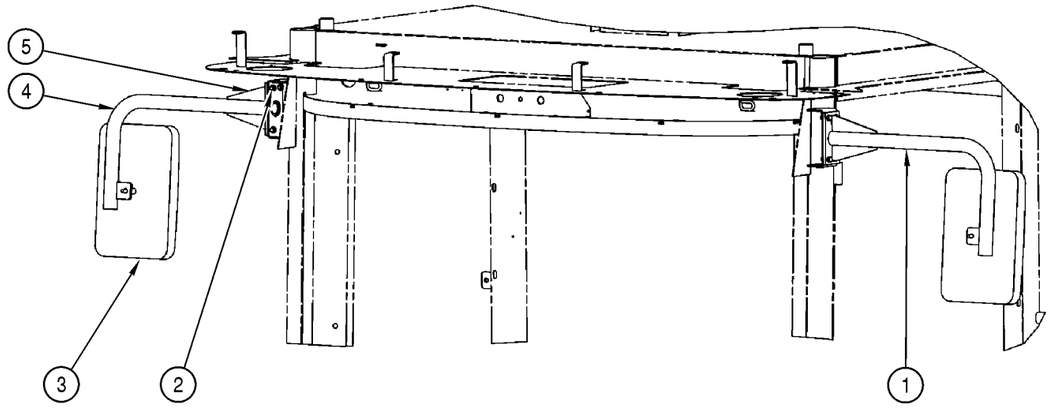
Exterior Mirrors



Item	Part Number	Qty	Description	Size	Comments
1	400000375	1	Mirror Arm, Left Mirror		
2	400000374	6	Washer, Lock.254 x .480 x .07		
3	400000314	2	Mirror		
4	400000586	1	Mirror Arm, Right Mirror		
5	400000373	6	Bolt, 1/4-20 x 3/4 Hex G8		

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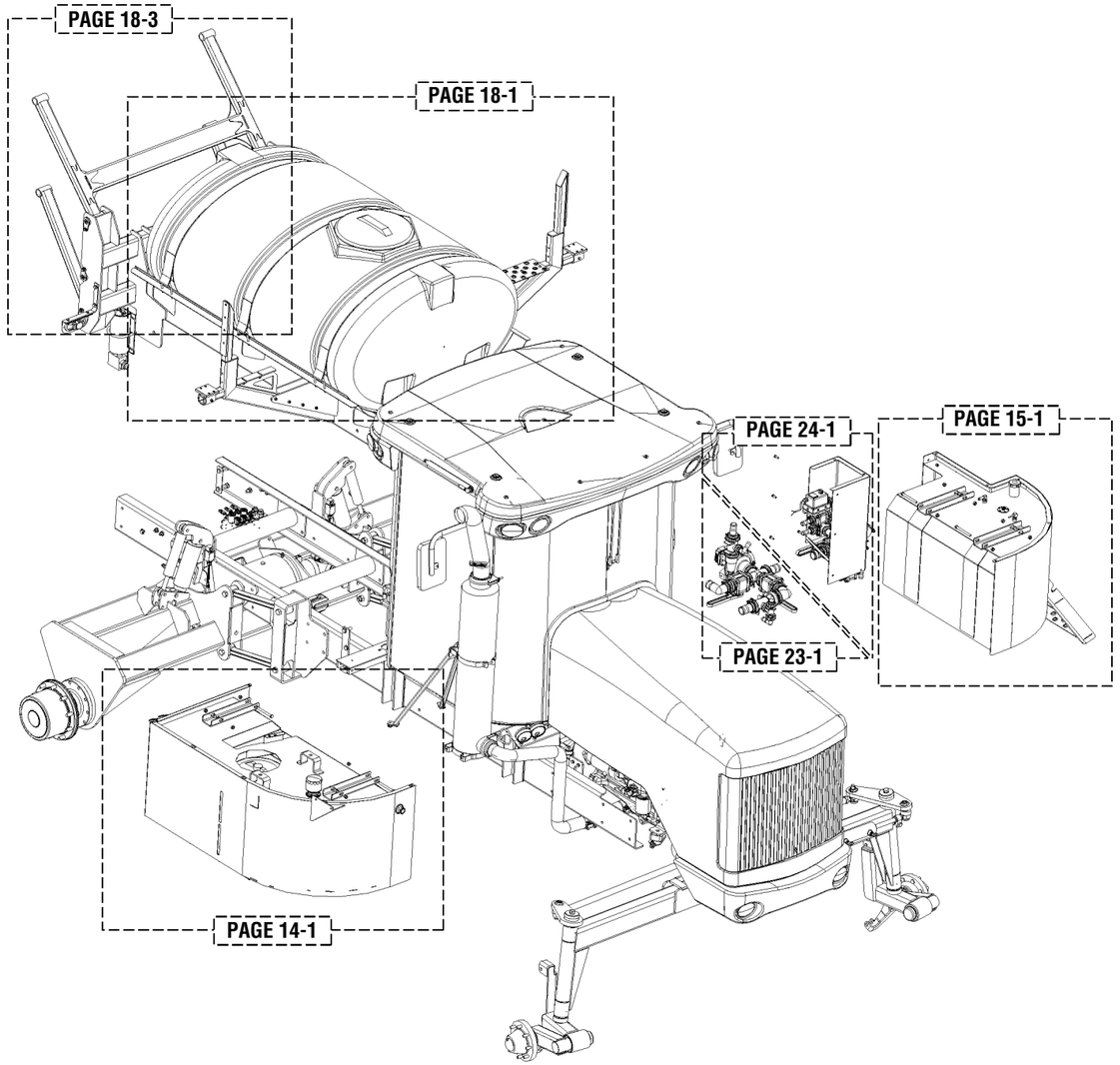

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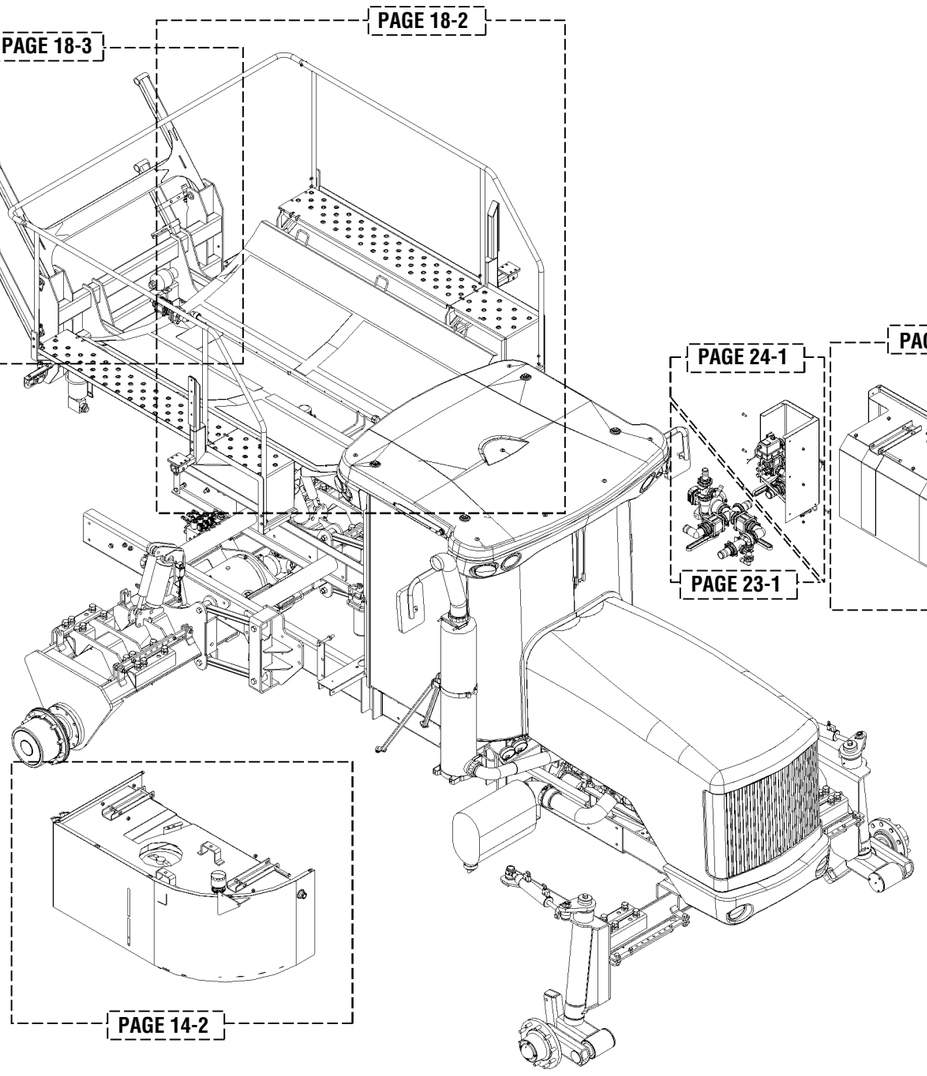

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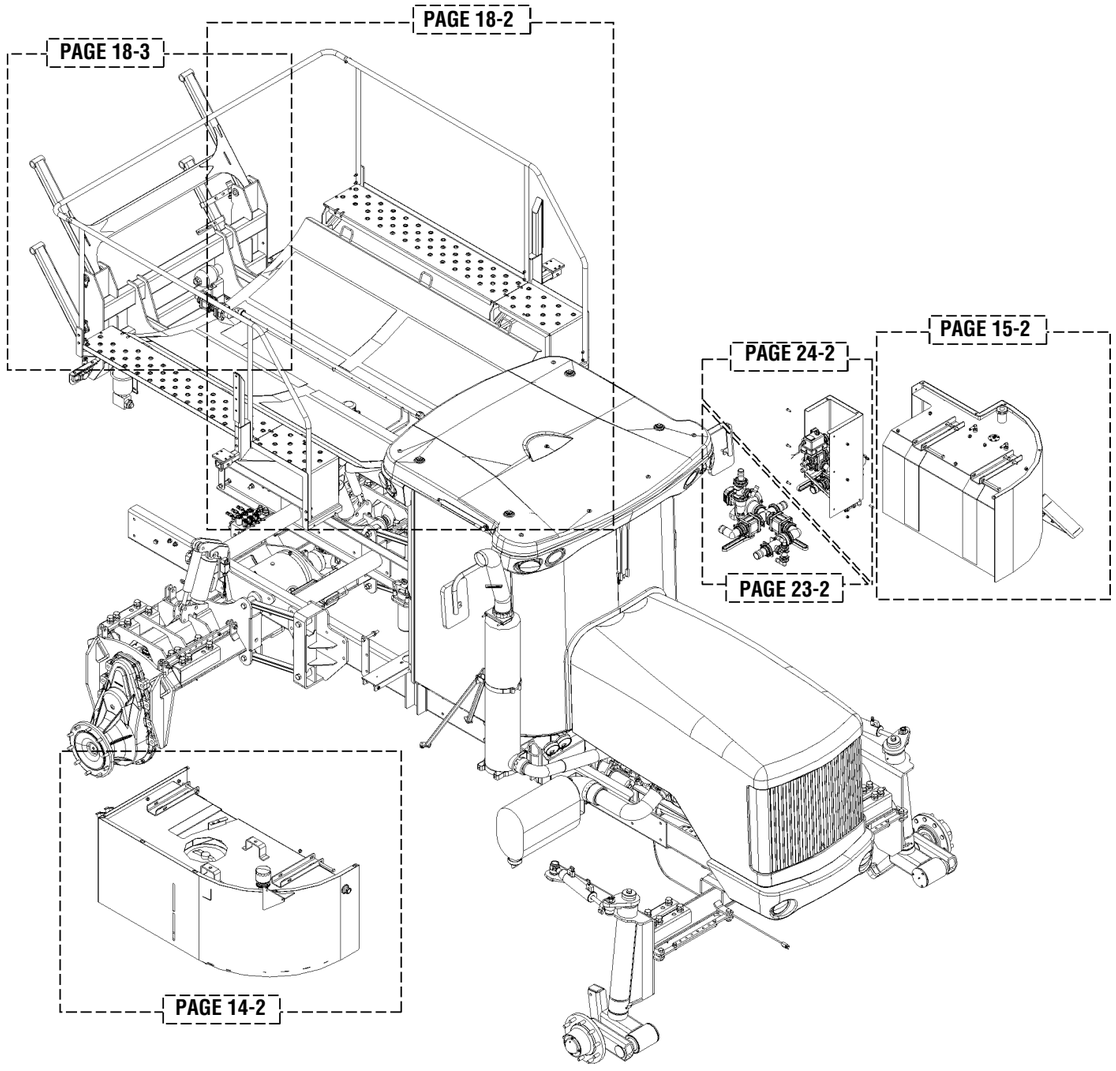

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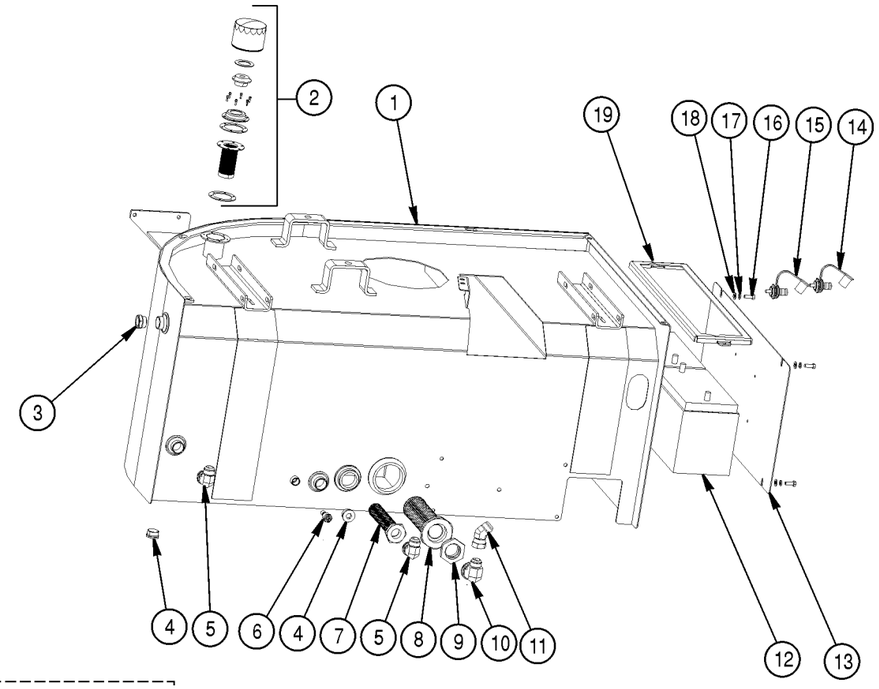
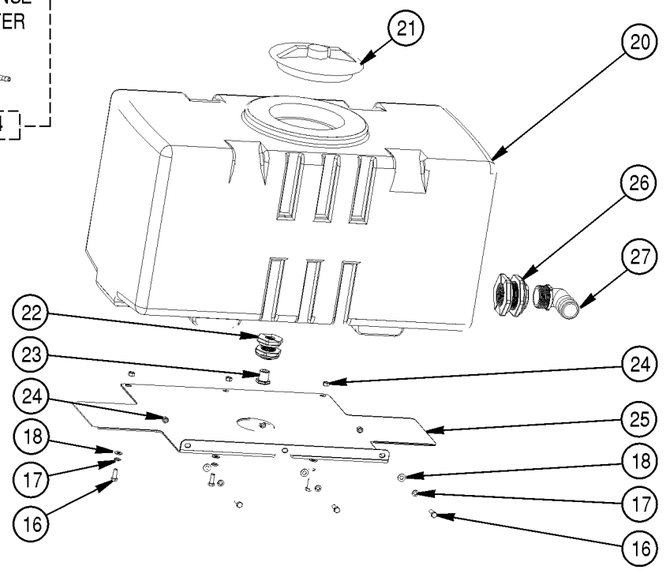
Hydraulic Tank
AS710



SMUCKER RINSE TANK ADAPTER

PAGE 36-4



Item	Part Number	Qty	Description	Size	Comments
1	880000014	1	Tank, Hydraulic		
2	840000050	1	Cap, Breather Hydraulic Tank		
3	800302154	1	Fitting, Sight Glass 16 ORM		
4	800000641	2	Fitting, 16 ORM Hex Head Plug		
5	800302265	2	Fitting, 16 FLM x 16 ORM 90 DEG		
6	890150000	1	Sender Unit, Hyd Oil Temp 200 Deg		
7	840000010	1	Suction Strainer 1 7/8 - 1		
8	840000011	1	Suction Strainer 3 3/8 - 1		
9	800302153	1	Fitting, 32 ORM x 20 ORF Bushing		
10	800302150	1	Fitting, 16 FLM x 20 ORM 90 Deg		
11	800304070	1	Fitting, 16 FLF x 16 FLM 45 Deg		
12	720000000	2	Battery, 12v Post HDC		
13	490001042	1	Cover, Battery Box		
14	720100008	1	Terminal, External Battery Pos		
15	720100009	1	Terminal, External Battery Neg		
16	900002815	10	Bolt 3/8-16 x 1		
17	902201090	10	Lock Washer 3/8-16		
18	902003045	10	Flat Washer 3/8-16		
19	490001032	1	Bracket, Battery Hold Down		Bolt for Hold Down, 900003801 5/16-24 X 12”
20	620000101	1	Rise Tank 50 Gallon		
21	620005022	1	Lid, Rinse Tank		
22	640000050	1	3/4 Bulkhead Threaded		
23	640400008	1	Plug, Pipe 3/4		
24	901003020	6	Nut, Nylon 3/8-16		
25	620000117	1	Pan, Rinse Tank		
26	640000052	1	2’ Bulkhead Threaded		
27	640000540	1	Hose Barb, 2” 90 DEG		
	720100010	1	Cable, Battery Positive		Not Shown
	720100011	1	Cable, Battery Negative		Not Shown
	490100000	12	Sponge Rubber, 1” Wall X 1/4” Thick		Not Shown
	RM801050	5	Hose, 2” AG Suction EPDM 3		Not Shown
	915003300	2	Clamp, Hose 2” TC 231		Not Shown

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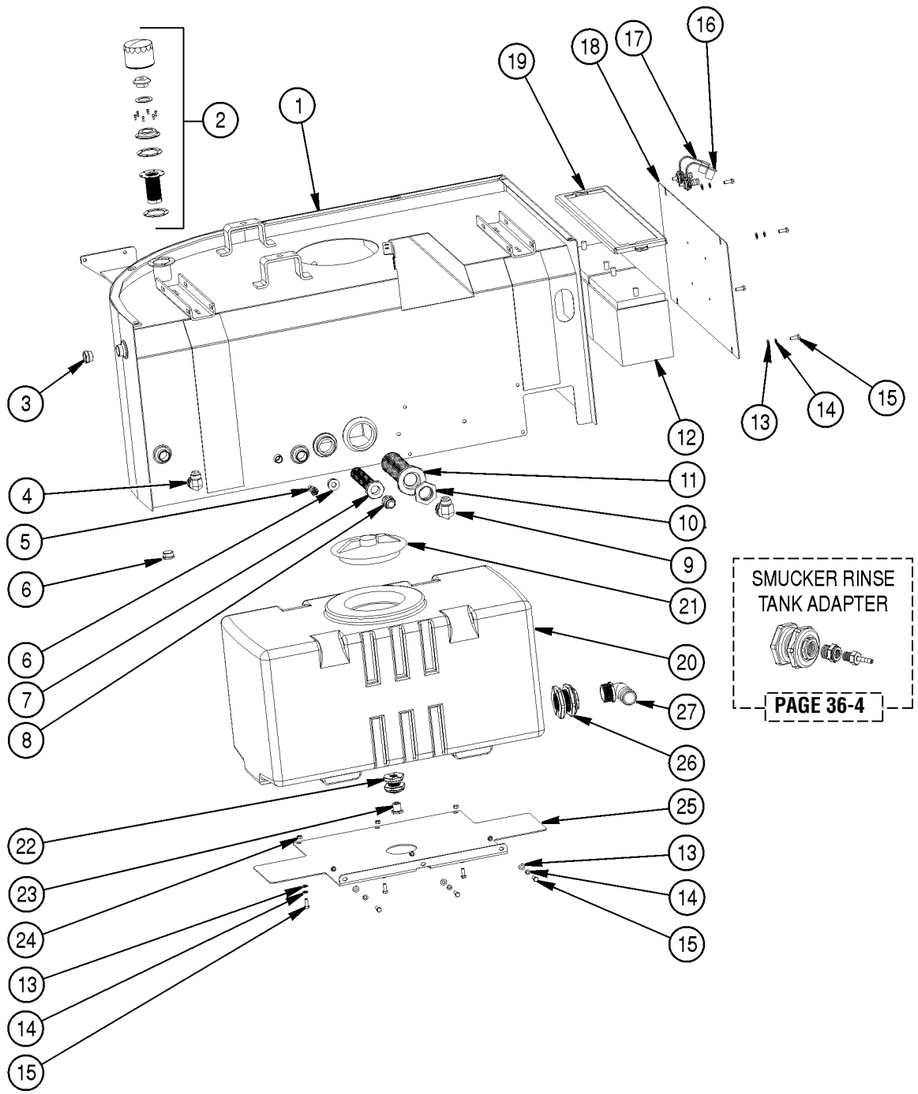
Station 3 Hydraulic Tank • AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	880000014	1	Tank, Hydraulic		
2	840000050	1	Cap, Breather Hydraulic Tank		
3	800302154	1	Fitting, Sight Glass 16 ORM		
4	800404265	1	Fitting, 16 FLM x 16 ORM 90 DEG		
5	890150000	1	Sender Unit, Hyd Oil Temp		
6	800000641	2	Fitting, 16 ORM Hex Head Plug		
7	840000010	1	Suction Strainer 1 7/8-1		
8	800302410	1	Fitting, 16 ORM x 16 FLM ST		
9	800302150	1	Fitting, 16 FLM x 20 ORM 90 DEG		
10	800302153	1	Fitting, 16 FLM x 20 ORF Bushing		
11	840000011	1	Suction Strainer 3 3/8-1		
12	720000000	2	Battery, 12v Post HDC		
13	902003045	10	Flat Washer 3/8-16		
14	902210090	10	Lock Washer 3/8-16		
15	900002815	10	Bolt, 3/8-16 x 1		
16	720100008	1	Battery Post, Remote POS		
17	720100009	1	Battery Post, Remote NEG		
18	490001042	1	Cover, Battery Box		
19	490001032	1	Bracket, Battery Hold Down		
20	620000101	1	Rinse Tank, 50 Gallon		
21	620005022	1	Lid, Rinse Tank		
22	640000050	1	Fitting, 3/4 Bulkhead Threaded		
23	640400008	1	Plug, Pipe 3/4		
24	901003020	6	Nut, Nylon 3/8-16		
25	620000117	1	”Pan, Rinse Tank		
26	640000052	1	2 Bulkhead Threaded		
27	640000540	1	Hose Barb, 2” 90 DEG		
	720100010	1	Cable, Battery Positive		Not Shown
	720100011	1	Cable, Battery Negative		Not Shown
	490100000	12	Sponge Rubber, 1” Wall X 1/4” Thick		Not Shown
	RM801050	5	Hose, 2” AG Suction EPDM 3		Not Shown
	915003300	2	Clamp, Hose 2” TC 231		Not Shown

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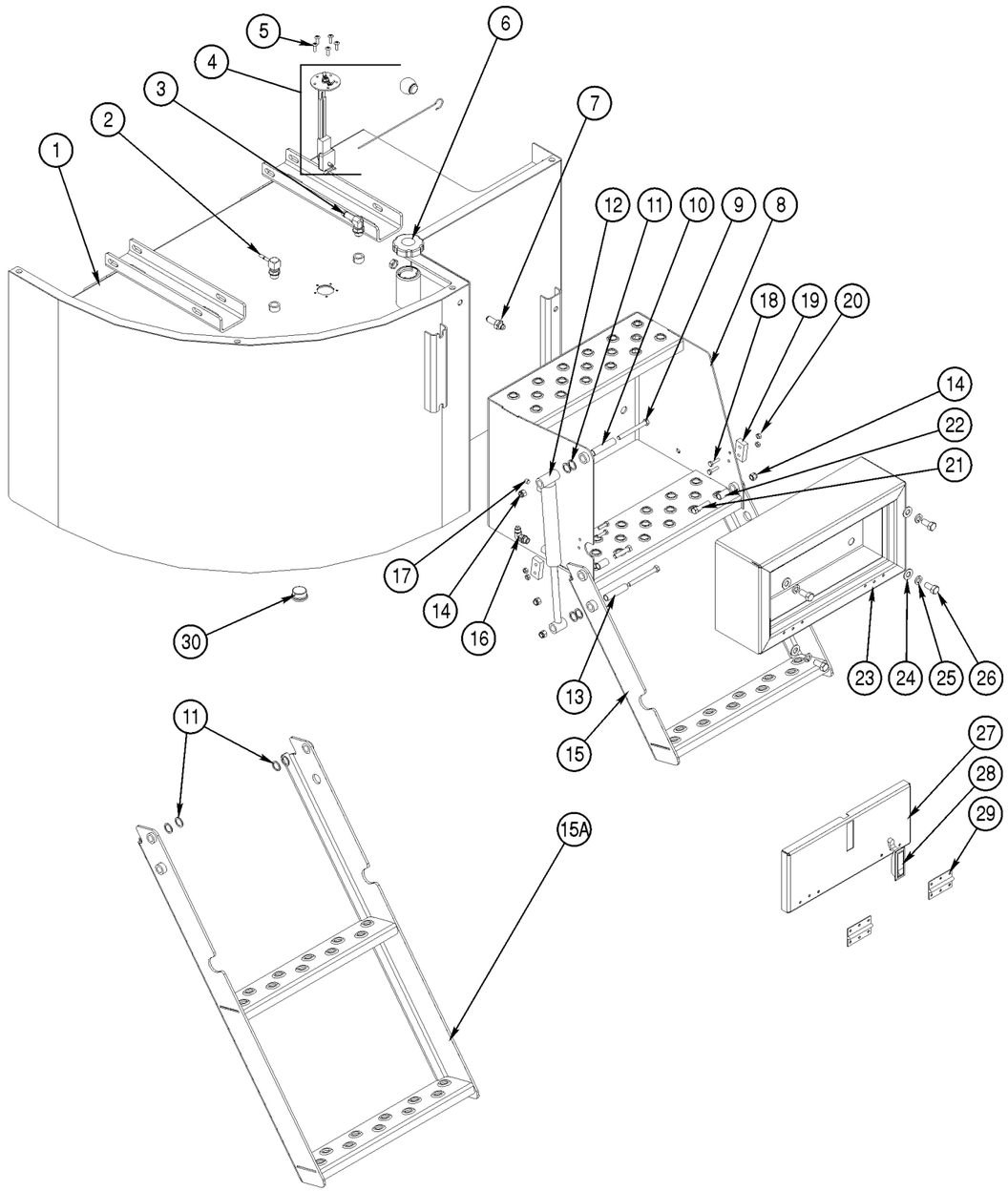
Fuel Tank
AS710



Item	Part Number	Qty	Description	Size	Comments
1	201400004	1	Tank, Fuel		
2	800303010	1	Fitting, 8 ORM X 1/4” HB 90		
3	800303027	1	Fitting, 8 ORM X 3/8” HB 90		
4	700010000	1	Sending unit, fuel with flange		
5	903302602	5	Screw, phil 8-32 X 3/4		
6	201400030	1	Cap, fuel tank		
7	800302459	1	Fitting, 6 FLM X 6 FLM BLKHD		
8	420000031	1	Ladder mount bracket		
9	900002875	2	Bolt, HHCS 3/8-16 X 3 1/2		
10	420000016	1	Bushing, .50 ID X .625 OD X 2.75		
11	901000244	8	Washer, ladder shim		
12	850000123	1	Cylinder, ladder fold		
13	420000015	1	Bushing, .50 ID X .625 OD X 2.60		
14	901003020	4	Nut, nylock 3/8”		
15	420000027	1	Ladder		All 34” CC models
15A	420000028	1	Ladder		All 42” CC & 48” CC models
16	800302170	1	Fitting, 6FLM X 6 ORM 90 ORF .032		
17	800302177	1	Fitting, 1/8 NPT plug		
18	900002405	4	Capscrew 1/4-20 X 1		
19	420000030	2	Ladder stop		
20	901000500	4	Nut, 1/4-20		
21	900002840	2	Bolt, HHCS 3/8-16 X 1 3/4		
22	420000014	2	Bushing, .50 ID X .625 OD X 1.12		
23	420000019	1	Tool box, step		
24	902003210	4	Washer, Flat 1/2		
25	902201100	4	Washer, Lock 1/2		
26	900003225	4	Bolt 1/2-13 X 1 G5 zp		
27	420000021	1	Tool Box Door		
28	420000025	1	Latch, Tool Box		
29	420000024	2	Hinge, Tool Box		
30	800000641	1	Fitting, 16 ORM X Hex head plug		
	490100000	12	Sponge Rubber, 1” Wall X 1/4” Thick		Not Shown

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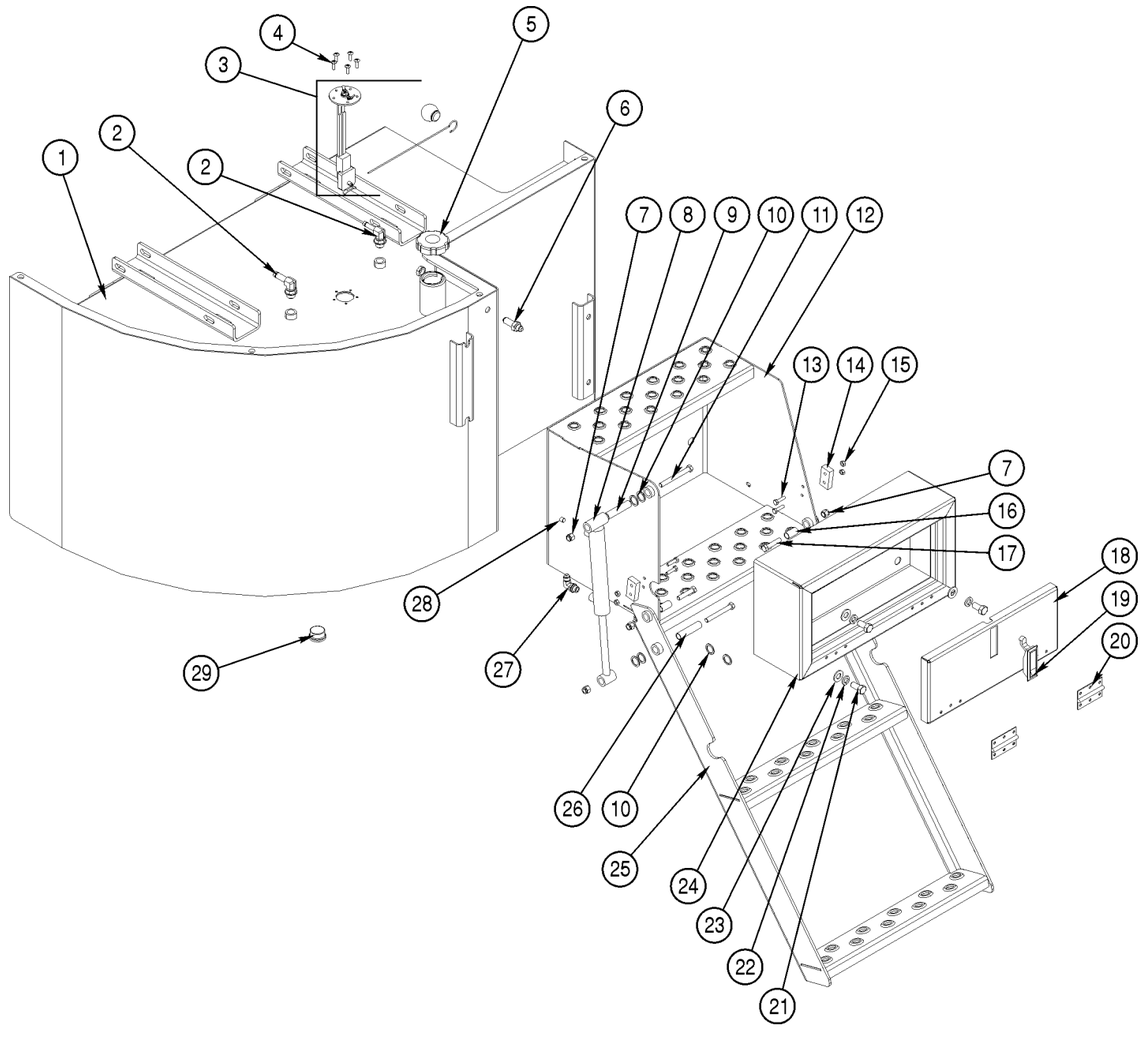
Fuel Tank • AS1010 & AS1210

AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	201400004	1	Fuel tank		
2	800303027	2	Fitting, 8 ORM X 3/8” HB 90		
3	700010000	1	Sending unit, fuel gauge		
4	903302602	5	Screw, phil 8-32 X 3/4		
5	201400030	1	Cap, fuel tank		
6	800302459	1	Fitting, 6 FLM X 6 FLM BLKHD		
7	901100465	4	Nut, Nylock 3/8-16		
8	850000123	1	Cylinder, Ladder Fold		
9	420000016	1	Bushing, .50 ID x .625 OD x 2.75		
10	901000244	8	Washer, ladder shim		
11	900002875	2	Bolt, HHCS 3/8-16 X 3 1/2		
12	420000031	1	Ladder Mount Bracket		
13	900002405	4	Capscrew 1/4-20 X 1		
14	420000030	2	Ladder Stop		
15	901000500	4	Nut, 1/4-20		
16	420000014	2	Bushing, .50 ID X .625 OD X 1.12		
17	900002840	2	Bolt, HHCS 3/8-16 X 1 3/4		
18	420000021	1	Tool Box Door		
19	420000025	1	Latch, Tool Box		
20	420000024	2	”Hinge, Tool Box		
21	900003225	4	Bolt 1/2-13 X 1 G5 ZP		
22	902201100	4	Washer, Lock 1/2		
23	902003210	4	”Washer, Flat 1/2		
24	420000019	1	Tool Box		
25	420000027	1	Ladder		All 34” CC models
26	420000015	1	Bushing, .50 ID X .625 OD X 2.60		
27	800302170	1	Fitting, 6 FLM X 6 ORM 90 ORF .032		
28	800302177	1	”Fitting, 1/8 NPT plug		
29	800000641	1	Fitting, 16 ORM X Hex head plug		
25A	420000028	1	Ladder		All 42” CC & 48” CC models
	490100000	12	Sponge Rubber, 1” Wall X 1/4” Thick		Not Shown

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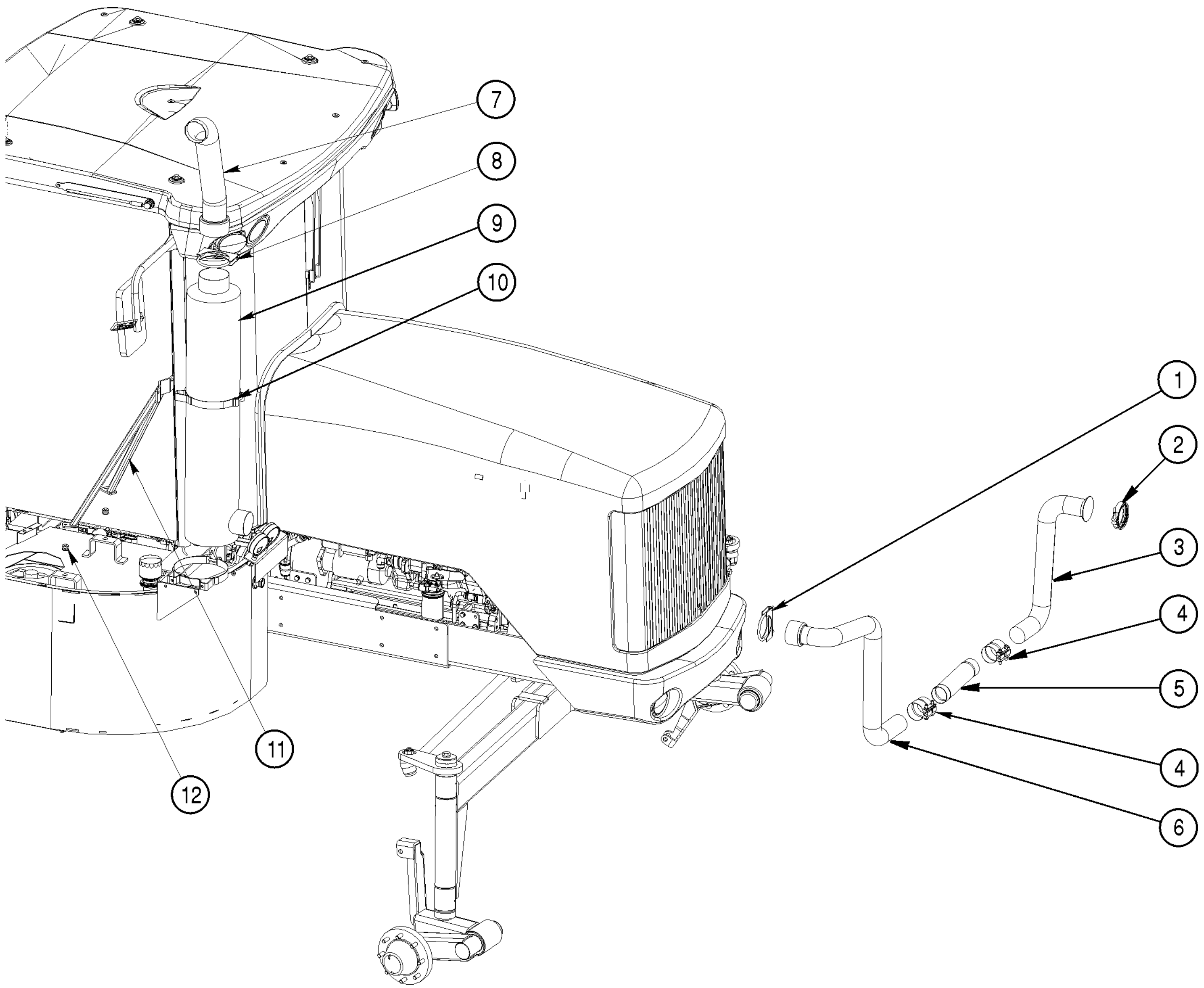
Exhaust
AS710



Item	Part Number	Qty	Description	Size	Comments
1	290000753	1	Clamp 4” Exhaust U-bolt		
2	290000752	1	Clamp, 3 1/2” V Band Exhaust		
3	201100016	1	Tube, Exhaust Front AS710		
4	201100638	2	Clamp, 3” Stepped Band Stainless		
5	201100637	12	Pipe 3” Flex Exhaust Stainless		
6	201100020	1	Tube, Exhaust Rear AS710		
7	201100018	1	Tube, Exhaust Tip		
8	290000757	1	Clamp 5” Exhaust U-bolt		
9	201100017	1	Muffler, Donaldson		
10	201100021	2	Clamp, Muffler 9		
11	201100019	1	Brace, Muffler		
12	490002750	2	Isolator Bushing Muffler		

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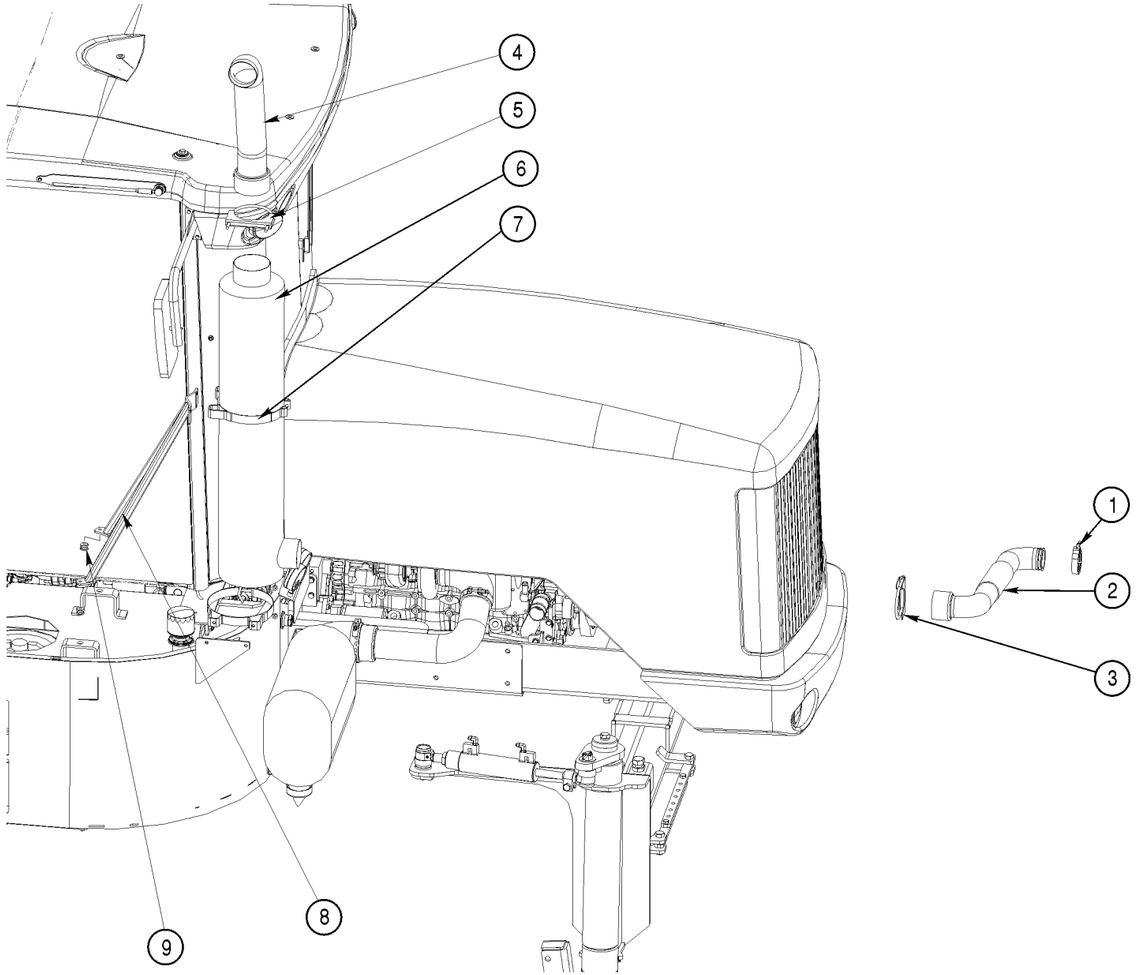

Item	Part Number	Qty	Description	Size	Comments
1	290000755	1	Clamp 3” V Band Exhaust		
2	201100015	1	Tube, Exhaust Front		
3	290000753	1	Clamp 4” Exhaust U-bolt		
4	201100018	1	Tube, Exhaust Tip		
5	290000757	1	Clamp 5” Exhaust U-bolt		
6	201100017	1	Muffler, Donaldson		
7	201100021	2	Clamp, Muffler 9		
8	201100019	1	Brace, Muffler		
9	490002750	2	Isolator Bushing Muffler		

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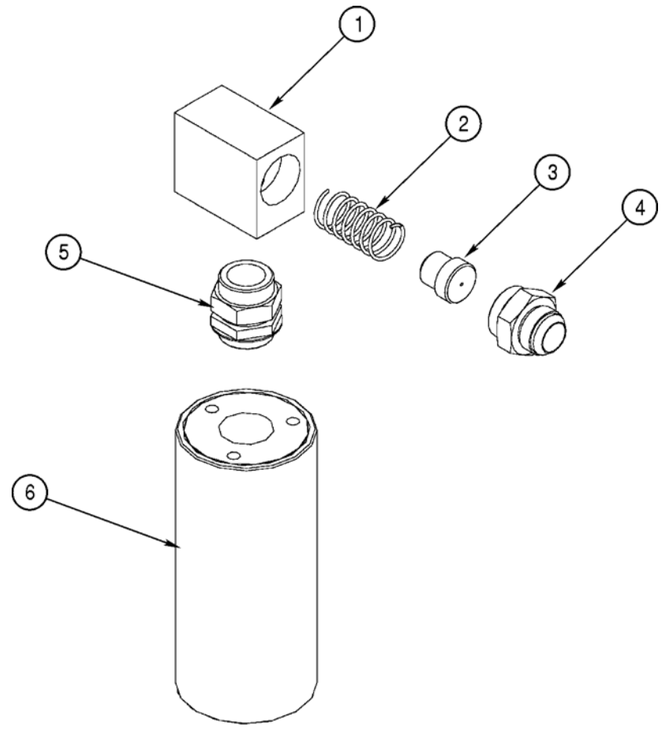
Rear Suspension Accumulator • AS710, AS1010 & AS1210

Rear Suspension Accumulator
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	100106140	2	Valve Body Rear, Flow Control		
2	100106130	2	Spring, Flow Control		
3	100106150	2	Piston, Flow Control		
4	800302450	2	Fitting, 20 FLM x 24 ORM		
5	800302190	2	Fitting, 24 ORM x 24 ORM ST		
6	100106053	2	Accumulator, Suspension Rear		
	826000222	2	Hose, Accumulator to Ram Cylinder		Not Shown

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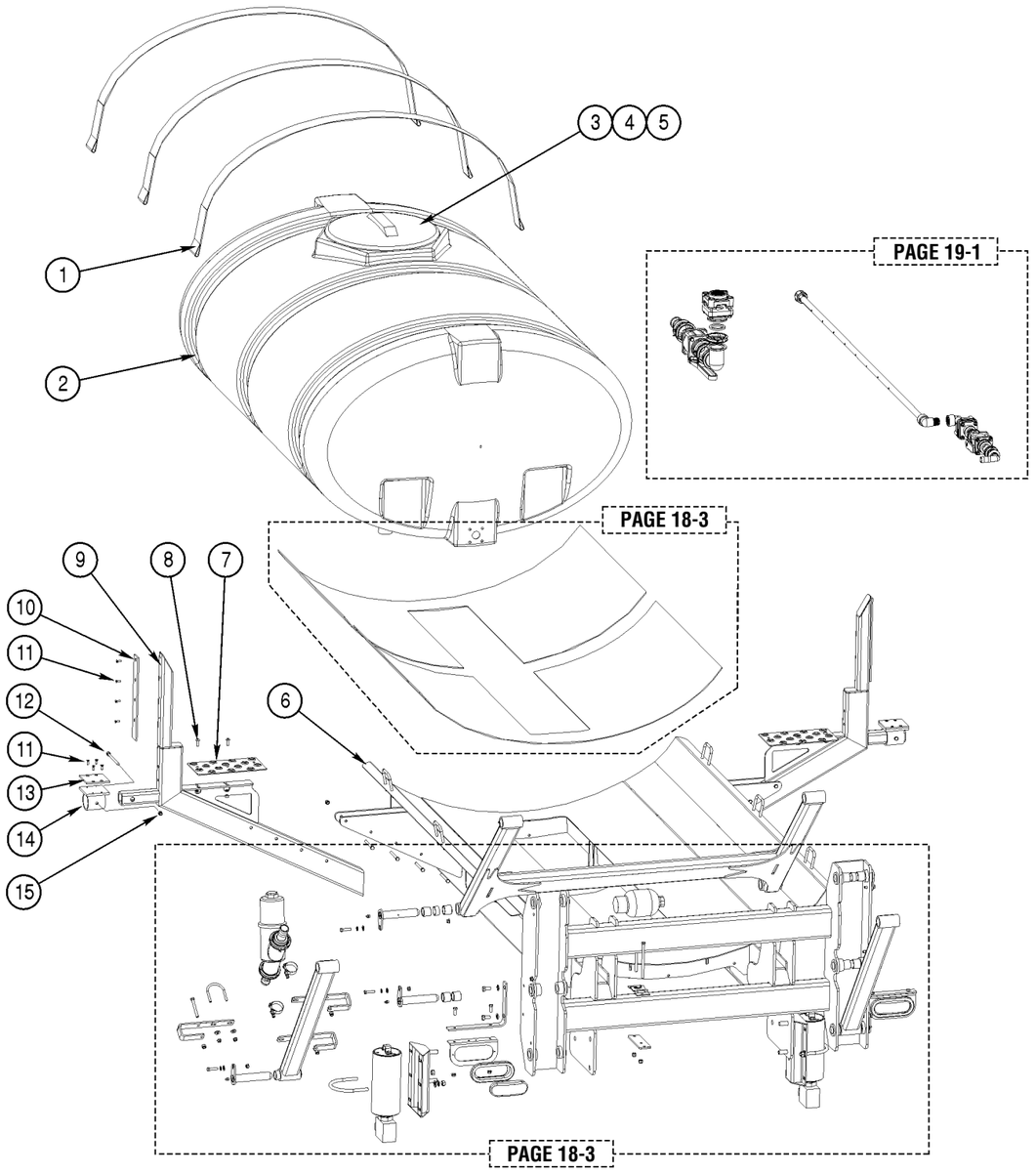
EQUIPMENT TECHNOLOGIES

Product Tank & Skid
AS710



Item	Part Number	Qty	Description	Size	Comments
1	620007656	3	Strap Product Tank Nylon 750g		
2	620000433	1	Tank 750 Gallon Elliptical Deep V		
3	620005019	1	Poly Tank Lid assembly		
4	620005024	1	Poly Tank Lid O-ring		Fits between lid and base.
5	620005025	1	Poly Tank Lid O-ring		Fits between base and tank.
6	601000000	1	Skid, Tank 750-850 Gallon		
7	620000869	1	Pedestal Plate on Boom Support		
8	900106537	2	Bolt, Flange Head 3/8-16 X 1		
9	690000301	2	Support, Boom Short		
10	100200012	2	Wear Strip Boom Support Spear		
11	900000020	16	Screw, Flat Head Phil 1/4-20 X 3/4		
12	900002875	2	Bolt, Hex 3/8-16 X 3 1/2 SS		
13	100200011	2	Wear Strip Boom Rocker		
14	620000856	2	Boom Support Rocker		
15	901101200	4	Nut, Nylock 3/8-16 SS		

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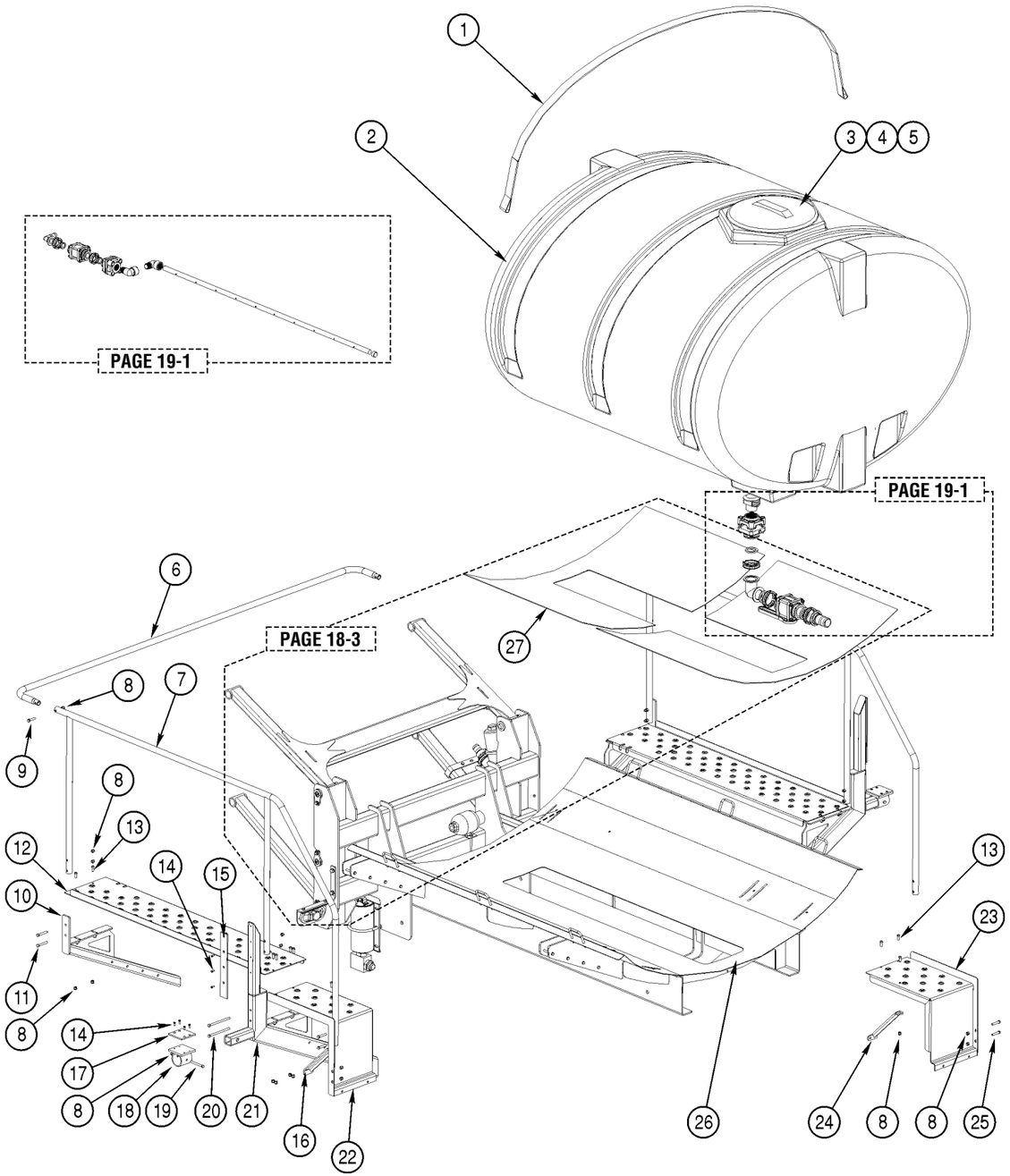

Item	Part Number	Qty	Description	Size	Comments
1A	620007655	3	Strap, product tank 850 gallon		
1B	620007654	3	Strap, product tank 1000 gallon		
2A	620000434	1	Poly tank, 850 gallon		
2B	620005011	1	Stainless steel tank, 850 gallon		
2C	620000432	1	Poly tank, 1000 gallon		
2D	620008001	1	Stainless steel tank, 1000 gallon		
2E	620005013	1	Stainless steel tank, 1200 gallon		
3	620005019	1	Poly tank lid assembly		
4	620005024	1	Poly tank lid o-ring		Fits between lid and base.
5	620005025	1	Poly tank lid o-ring		Fits between base and tank.
6	690004106	1	Handrail, tank skid rear		
7	690004107	2	Handrail, catwalk		
8	901101200	32	Nut, nylock 3/8-16 SS		
9	900002840	2	Bolt, hex 3/8-16 X 1 3/4		
10	690000302	2	Support, catwalk		
11	900002855	4	Bolt, hex 3/8-16 X 2 1/2		
12	620000866	1	Catwalk right		
12A	620000859	1	Catwalk left		
13	900106537	14	Bolt, 3/8-16 X 1 flange head		
14	900000020	16	Bolt, flat head 1/4-20 X 3/4 phil		
15	100200012	2	Wear strip, boom spear		
16	620001859	1	Bracket, step support right		
17	100200011	2	Wear strip, boom rocker		
18	620000856	2	Rocker, boom support		
19	900002875	2	Bolt, hex 3/8-16 X 3 1/2		
20	900002911	4	Bolt, hex 3/8-16 X 5 3/4		
21	690000301	2	Support, boom		
22	620001857	1	Step, catwalk right		
23	620001856	1	Step, catwalk left		
24	620001858	1	Bracket, step support left		
25	900002845	4	Bolt, hex 3/8-16 X 2		
26A	601000000	1	Skid, tank 750-850 gallon		
26B	601000005	1	Skid, tank 1000-1200 gallon		
27	620000116	2	Mat, rubber product tank		

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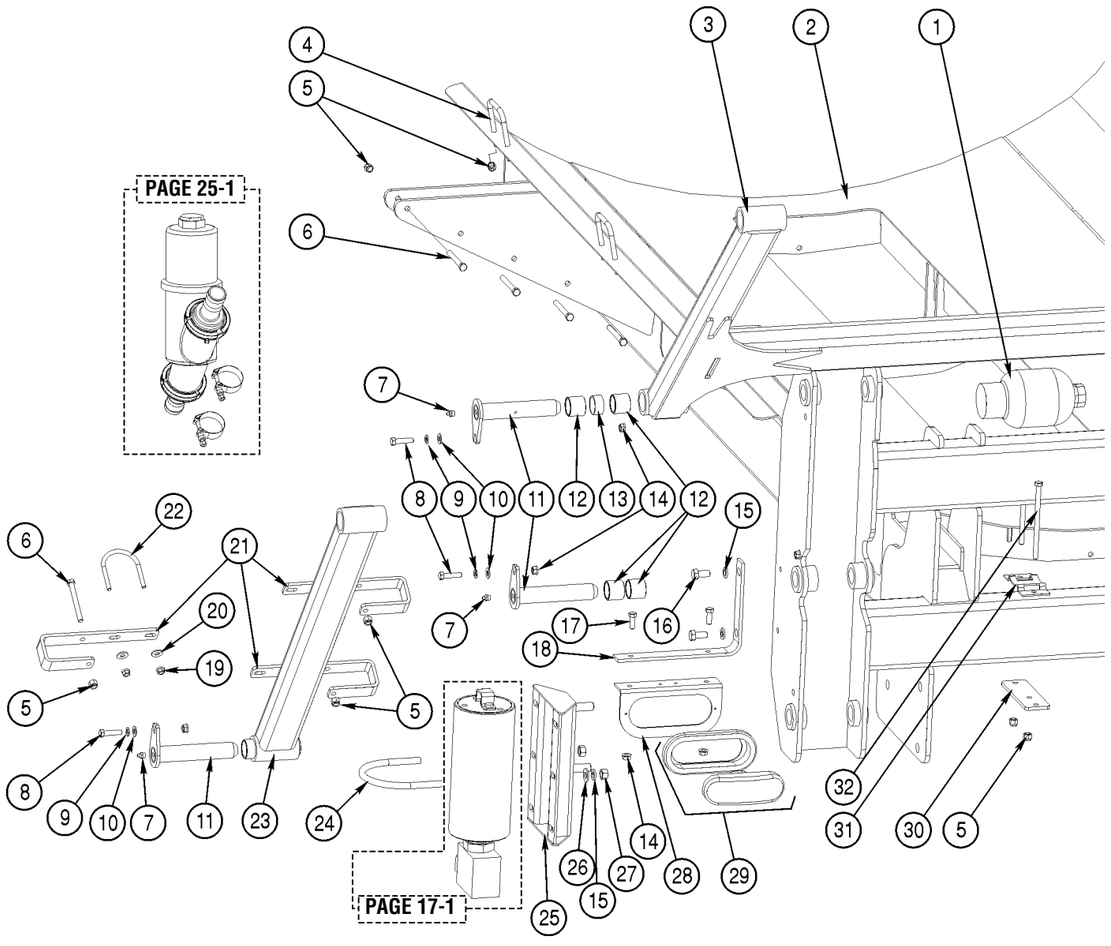
AS710, AS1010 & AS1210
Skid Common Components



Item	Part Number	Qty	Description	Size	Comments
1	600901512	1	Accumulator back rack 60 cu in 200psi		Charge kit #980000403
2	620000116	2	Rubber mat		between tank skid and tank
3	601000021	1	H-bar		
4	915002525	6	U-bolt Tank strap 3/8-16		
5	901101200	25	Nut, nylock 3/8-16		
6	900002875	13	Bolt, hex 3/8-16 X 3 1/2		
7	915003000	12	Zerk 1/8 NPT straight		
8	900002835	6	Bolt, hex 3/8-16 X 1 1/2		Boom rack side
8A	900002815	6	Bolt, hex 3/8-16 X 1 G5 ZP		Tank skid side
9	902201090	12	Lock washer 3/8		
10	902003200	12	Washer, flat 3/8		
11	601000050	12	Flag pin, parallel arm		six in tank skid, six in boom back rack
12	601000040	24	Bushing, bronze		
13	601000041	10	Bushing, spacer parallel arm		
14	901101201	16	Nut, flange 3/8-16 G5 SS		
15	902201100	8	Lock washer 1/2 ZP		
16	900003225	4	Bolt, hex 1/2-13 X 1 G5 ZP		
17	900002815	4	Bolt, hex 3/8-16 X 1 G5 ZP		
18	190100300	2	Bracket, turn signal		
19	901101202	2	Nut, flange 5/16-18		
20	902003040	2	Washer, flat 5/16 ZP”		
21	890000114	3	Bracket, flow control, H-bar”		
22	915002561	1	U-bolt 5/16 X 2 1/4		
23	601000031	2	Parallel arm		
24	915022556	2	U-bolt accumulator suspension		
25	100106250	2	Bracket, accumulator		
26	902003055	4	Washer, flat 1/2 ZP”		
27	901000540	4	Nut, 1/2-13 ZP”		
28	790000200	2	Bracket, turn signal mount		
29	710000201	2	Light, Dual Filament Red		
30	890000113	1	Bracket, accumulator rack lower		
31	890000115	1	Bracket, accumulator rack upper		
32	900008166	2	Bolt, hex 3/8-16 X 6		
	201300001	1	Clamp T-bolt 4” Dia		Not shown, mounts back rack accum to bracket
	890000210	1	Hose and line shield		Not shown, offset from rear of left frame rail

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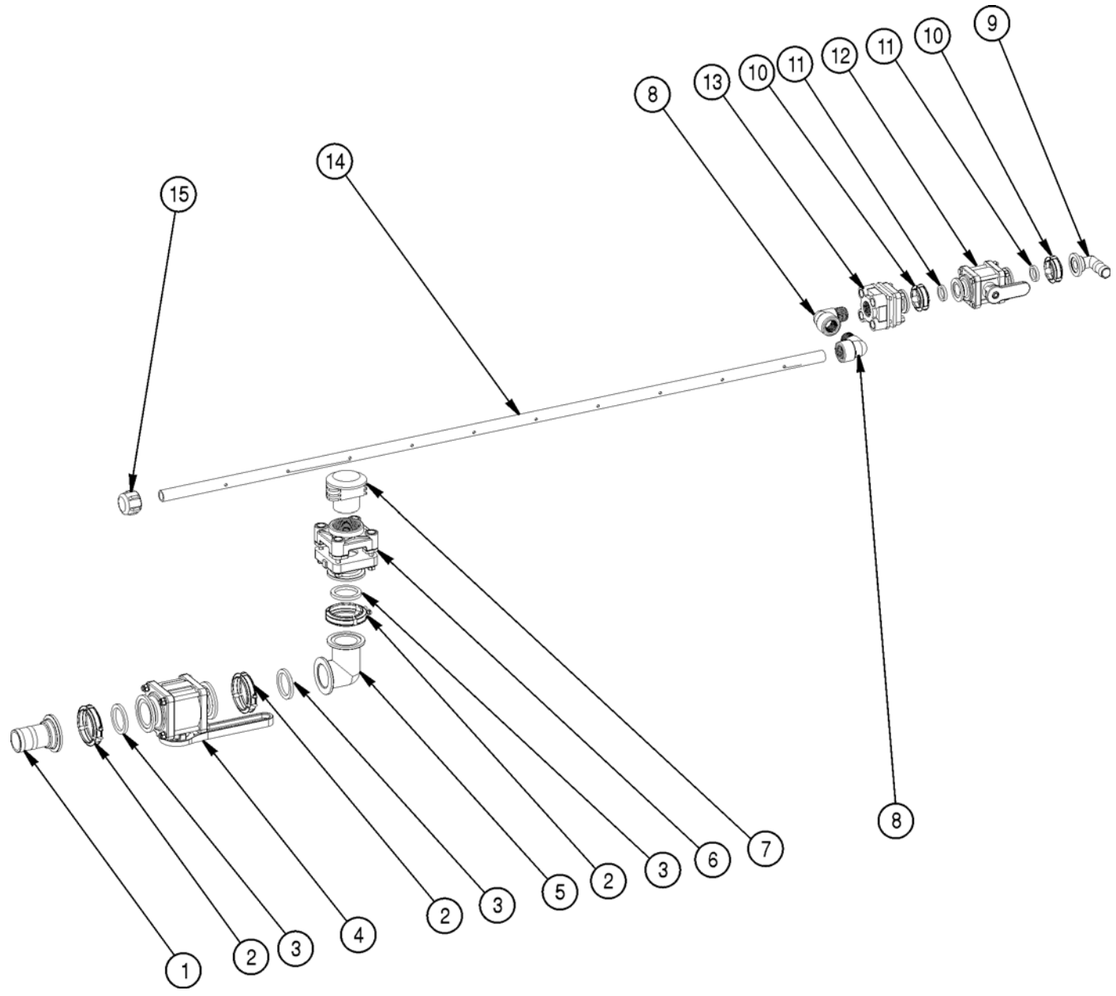
Poly Tank Plumbing
Standard Flow



Item	Part Number	Qty	Description	Size	Comments
1	640100005	1	Fitting, 2” Full Port X 2” Hose Barb		
2	640100011	3	Clamp, 2” Full Port Banjo		
3	640100012	3	Gasket, 2” Full Port Banjo		
4	640100001	1	Ball Valve, 2” Full Port Banjo		
5	640100003	1	Fitting, 2” Full Port Elbow 90		
6	640100054	1	Bulkhead, 2” Full Port Bottom Drain		
7	640100030	1	Anti Siphon 2” Banjo		
8	640000225	2	Fitting, 1” Elbow Street X 90 Deg		
9	640100023	1	Fitting, 1” Standard X 1” HB 90		
10	640100015	2	Clamp, 1” Standard Port Banjo		
11	640100016	2	Gasket, 1” Standard Port Banjo		
12	640100077	1	Ball Valve, 1” Standard Port Banjo		
13	640100075	1	Fitting, Tank Bulkhead 1” Flange		
14	RM800860	8’	Pipe, 1” Black Polypropylene		1/4” holes drilled every 9” all the way thru
15	640000100	1	Cap 1” Pipe		
	RM800950	16’	Hose, 1 1/2” AG Suction EPDM 3		
	RM801050	3’	Hose, 2” AG Suction EPDM 3		
	RM801050	5’	Hose, 2” AG Suction EPDM 3		
	RM800850	4’	Hose, 1” AG300		
	915003300	2	Clamp, Hose 2” TC 231		
	915003175	2	Clamp, Hose 1 5/16” TC 181		

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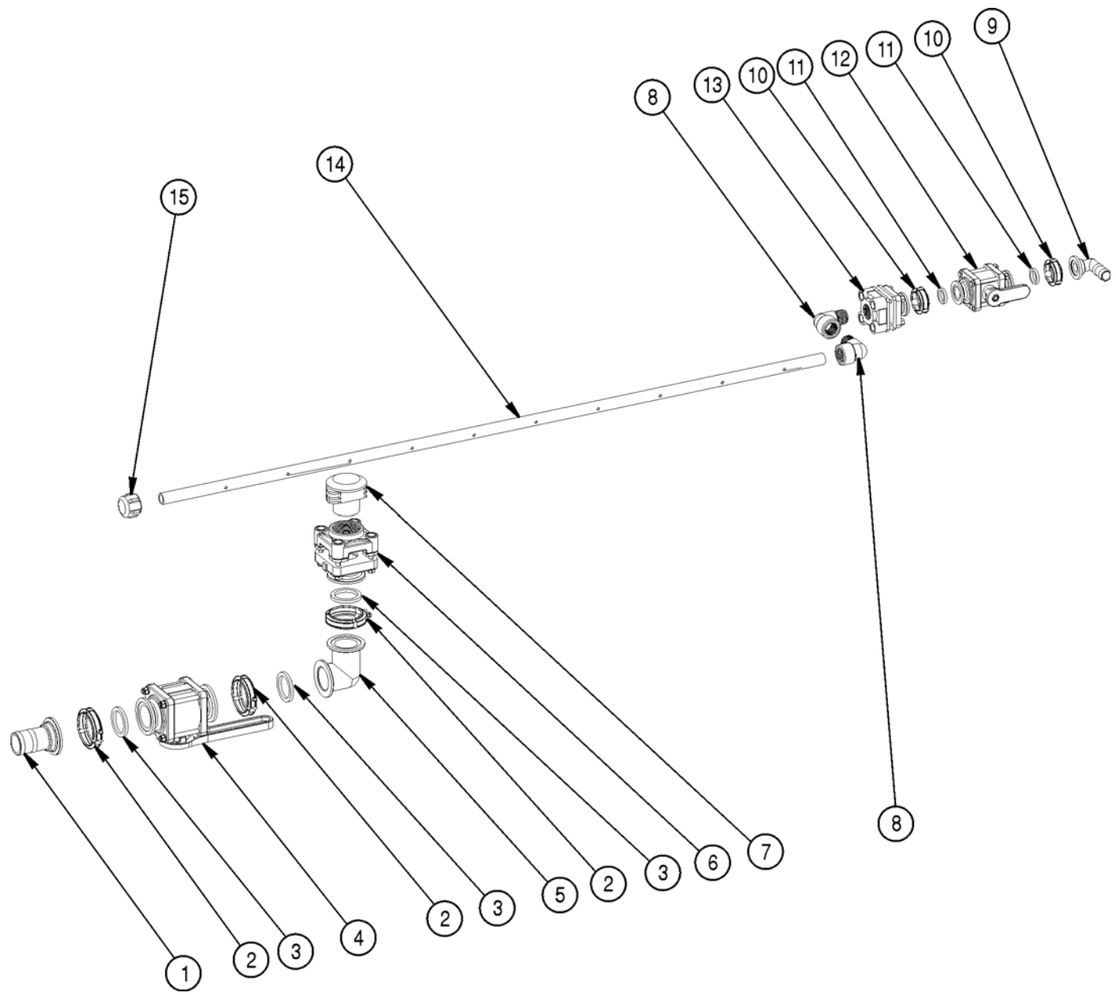
EQUIPMENT TECHNOLOGIES

High Flow



Item	Part Number	Qty	Description	Size	Comments
1	640100048	1	Fitting, 3” Flange X 3” Hose Barb		
2	640100028	3	Clamp, 3” Flange Banjo		
3	640100027	3	Gasket, 3” Flange Banjo		
4	640100061	1	Ball Valve, 3” Flange Banjo		
5	640100050	1	Fitting, 3” Flange Elbow 90		
6	640100128	1	Bulkhead, 3” Flange Bottom Drain		
7	640100129	1	Anti Siphon 3” Banjo		
8	640000225	2	Fitting, 1” Elbow Street X 90 Deg		
9	640100023	1	Fitting, 1” Standard X 1” HB 90		
10	640100015	2	Clamp, 1” Standard Port Banjo		
11	640100016	2	Gasket, 1” Standard Port Banjo		
12	640100077	1	Ball Valve, 1” Standard Port Banjo		
13	640100075	1	Fitting, Tank Bulkhead 1” Flange		
14	RM800860	8’	Pipe, 1” Black Polypropylene		1/4” holes drilled every 9” all the way thru”
15	640000100	1	Cap 1”Pipe		
	RM800950	16’	Hose, 1 1/2” AG Suction EPDM 3		
	RM801050	3’	Hose, 2” AG Suction EPDM 3		
	RM801050	5’	Hose, 2” AG Suction EPDM 3		
	RM800850	4’	Hose, 1” AG300		
	915003300	4	Clamp, Hose 2” TC 231		
	915003301	2	Clamp, Hose 3” TC 331		

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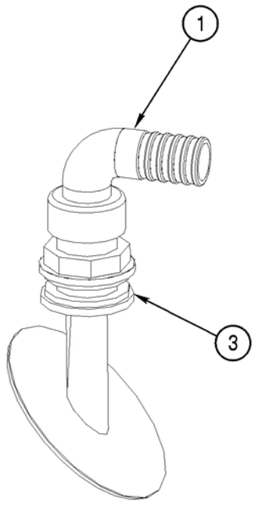
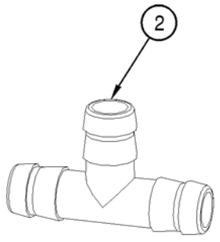
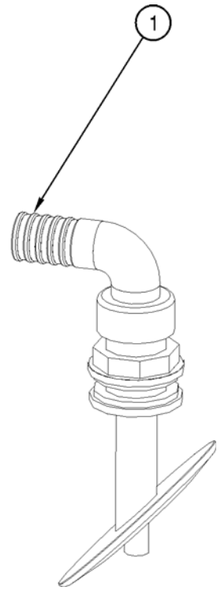
Rotoflush • AS710, AS1010 & AS1210

Rotoflush
AS710, AS1010 & AS1210







Item	Part Number	Qty	Description	Size	Comments
1	620000201	2	Fitting, 1” Hose Barb Elbow		
2	640000475	1	Tee Hose Barb 1		
3	620000200	2	Roto Flush Nozzle Assembly		
	RM800850	20	Hose 1” Rubber AG300		Not shown

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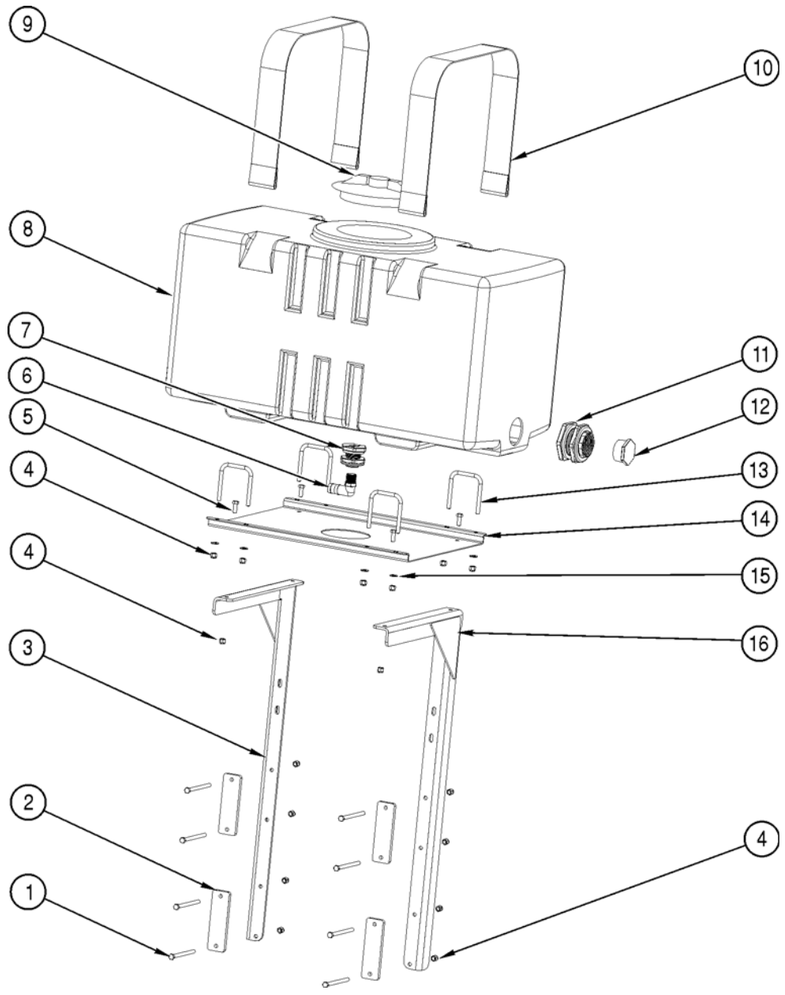
Extra Rinse Tank • AS710, AS1010 & AS1210

Extra Rinse Tank
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	900000490	8	Bolt, HHCS 3/8-16 x 5		
2	100400355	4	Backing Plate, Rinse Support		
3	620000101	1	Bracket, Left Support Leg		
4	901003020	20	Nut, Nylon 3/8-16		
5	900106510	4	Bolt, BHCS 3/8-16 x 1 SS		
6	640000620	1	Fitting, 3/4 Pipe to 1 HB 90 DEG		
7	640000050	1	Fitting, 3/4 Bulkhead		
8	620000101	1	Tank, Rinse Ace 50 Gallon		
9	620005022	1	Lid, Rinse Tank		
10	620007653	2	Strap, Rinse Tank Nylon		
11	640000052	1	Fitting, 2’ Bulkhead		
12	640001140	1	Plug, 2		
13	915002525	4	U-bolt, Tank Strap 3/8-16		
14	620000113	1	Pan, Rinse Tank		
15	902003045	8	Washer, Flat 3/8		
16	620000111	1	Bracket, Right Support Leg		

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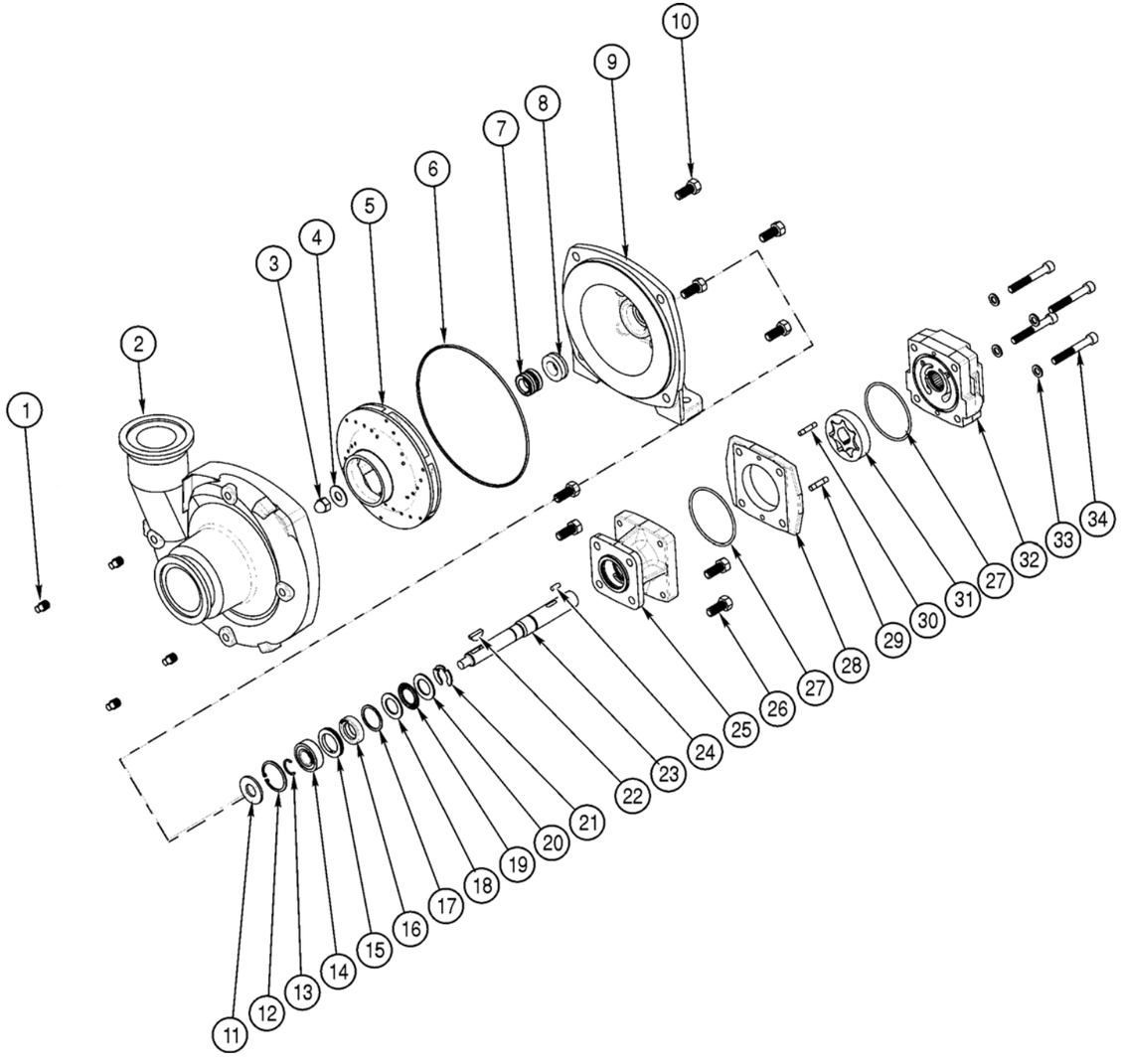
Product Pump
Standard Flow 2”



Item	Part Number	Qty	Description	Size	Comments
1	630000503	4	Drain/Vent Plug		
2	630000504	1	Pump Casing Flanged		Includes stainless steel wear ring
3	630000505	1	Nut, Impeller		
4	630000506	1	Washer, Stainless Steel		
5	630000507	1	Impeller, Nylon, 30% Glass Filled		
6	630000508	1	O-Ring		
7	not sold separate	1	Mechanical Seal, Silicon Carbide		Included with kit 630000501
8	not sold separate	1	Mechanical Seal		Included with kit 630000501
9	630000509	1	Mounting Flange		
10	630000510	4	Hex Head Cap screw		
11	630000511	1	Slinger Ring		
12	630000512	1	Retaining Ring		
13	630000513	1	Snap Ring		
14	630000514	1	Ball Bearing		
15	630000515	1	Spacer		
16	630000516	1	Shaft Seal, Spiral Lipped		
17	630000517	1	Seal Spacer		
18	630000518	1	Thrust Bearing Assembly		Three Pieces
19	Included with #18				
20	Included with #18				
21	630000519	1	Snap Ring		
22	630000520	1	Woodruff Key		
23	630000522	1	Shaft, Impeller		
24	630000521	1	Roll Pin Key		
25	630000523	1	Motor Body		Includes Main Bearing
26	630000524	4	Hex Head Cap screw		
27	630000525	2	O-Ring		
28	630000526	1	Gerotor Housing		
29	630000527	1	Locating Pin		
30	630000528	1	Locating Pin		
31	630000529	1	Gerotor		
32	630000530	1	Motor End Plate		Includes Main Bearing
33	630000531	4	Washer		
34	630000532	4	Cap Screw		
	630000500	1	Complete Hypro Pump Assembly		Model HM1C
	630000533	A/R	Hydraulic Motor Assembly		Includes Item #11 thru #34
	630000501	A/R	Mechanical Seal Repair Kit		Includes Items #6 & #7
	630000535	A/R	Parts Kit, Hydraulic Motor		Includes Items #14, #16, & two #27

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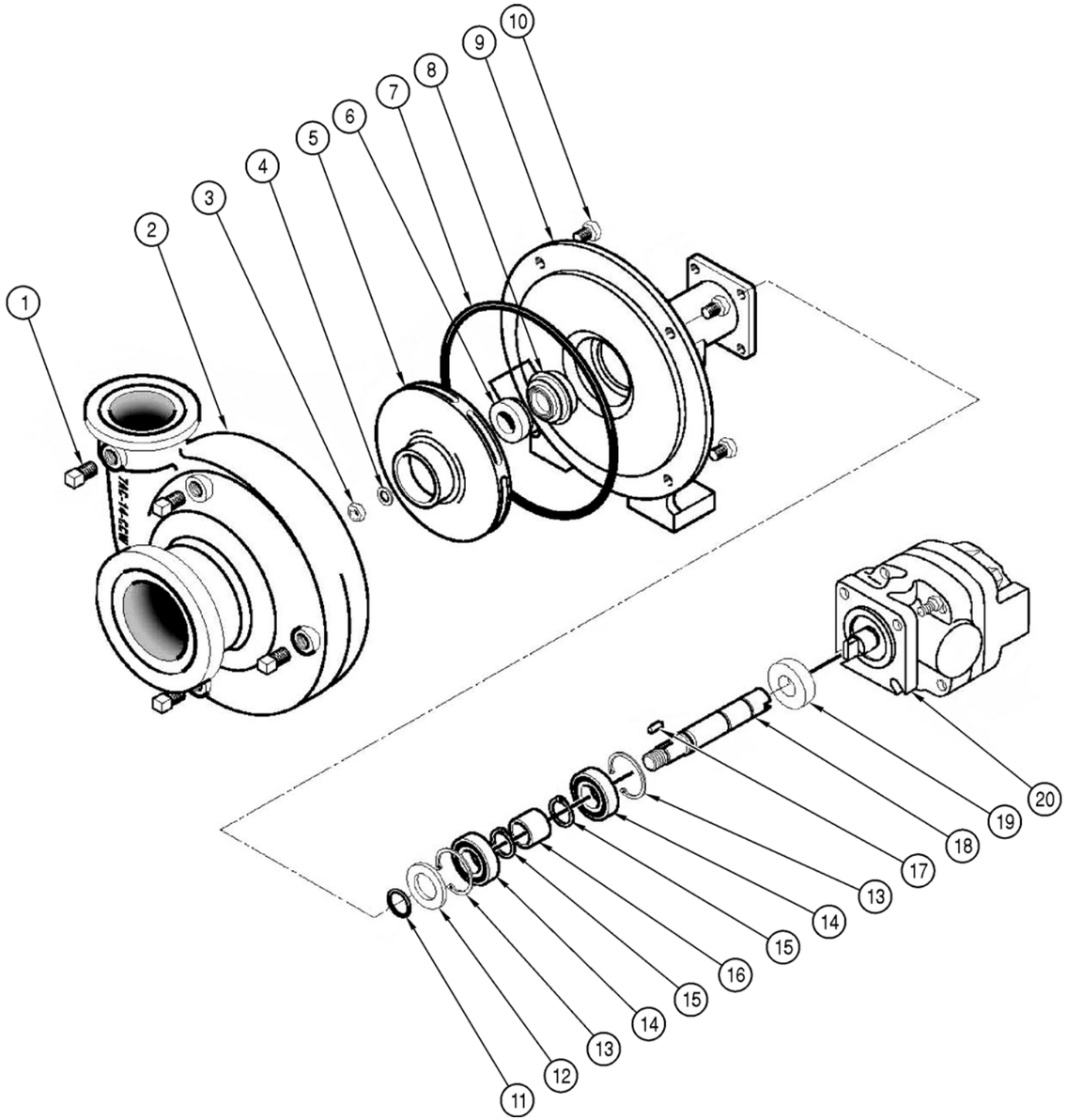

Item	Part Number	Qty	Description	Size	Comments
1	630001131	4	Pipe Plug		
2	630001012	1	Volute, Ace Flanged		
3	630001060	1	Nut, 3/8-24. Cad Plated		
4	630001135	1	Washer, 3/8 Star, Stainless Steel		
5	630000023	1	Impeller, Extended Keyway		Thermoplastic
6	not sold separate	1	Seal, Mechanical		Included w/seal kit 630001090 & 630001091
7	not sold separate	1	O-ring, Volute Body Seal		Included w/seal kit 630001090 & 630001091
8	not sold separate	1	Seal, Mechanical		Included w/seal kit 630001090 & 630001091
9	630001050	1	Mount, Pump Ace 304		
10	630001230	4	Cap Screw, Hex Head 3/8-16 X 3/4		
11	630001132	1	O-ring, Shaft Seal		
12	630001240	1	Slinger, Ace 304 Pump		
13	630001220	2	Snap Ring, Internal		
14	630001100	2	Ball Bearing, Sealed		
15	630001200	2	Snap Ring, External		
16	630001210	1	Spacer, Impeller Shaft		
17	630001130	1	Key, Impeller, 1/8 X 1/8 X 13/16		
18	630001111	1	Shaft, Extended Keyway, Stainless		
19	630001133	1	Seal, Support Spacer		
20	630001271	1	Hydraulic Motor, 11GPM		
	630001090	as required	Repair Kit, Ace 304 Wet Half		With Viton Seal
	630001091	as required	Repair Kit, Ace 304 Wet Half		With Silicon Carbide Seal
	630001141	as required	Repair Kit, 300 Series L-Motor		Not Shown
	630000315	1	Complete Ace 304 Product Pump Assembly		

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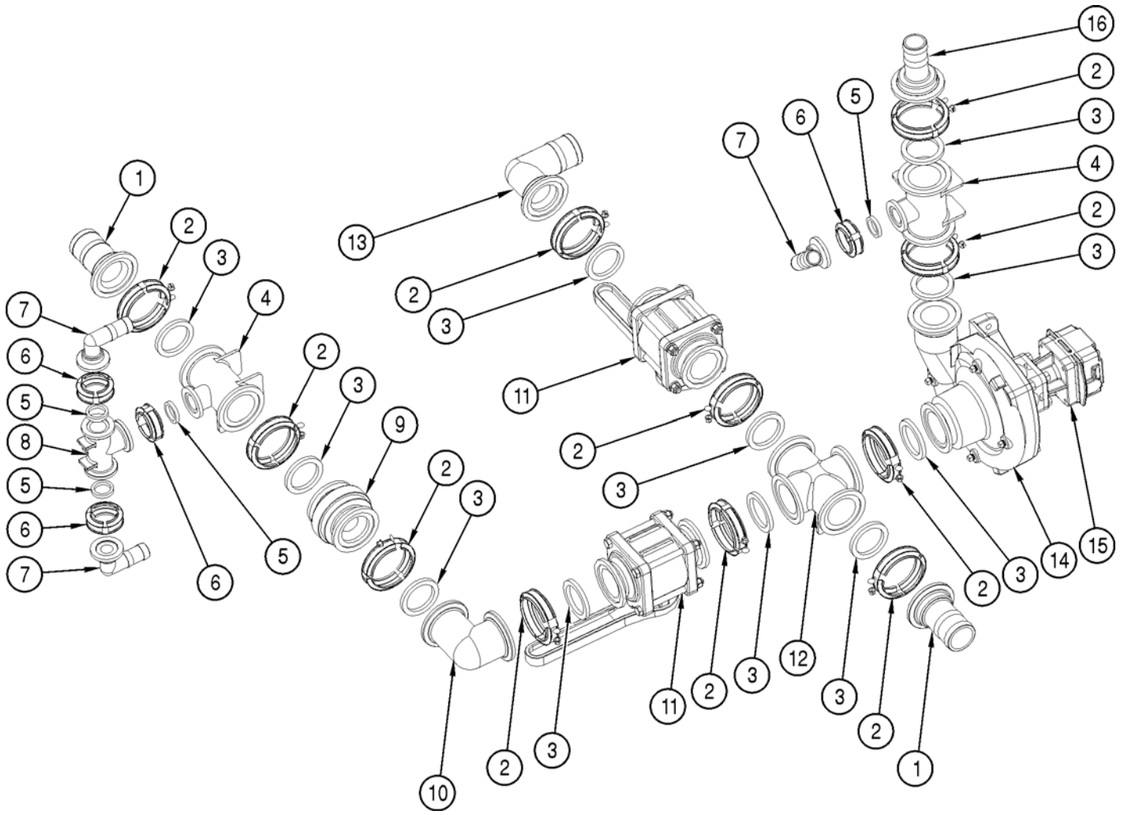
Product Pump Plumbing
Standard Flow 2”



Item	Part Number	Qty	Description	Size	Comments
1	640100005	2	Fitting, 2” Barb X 2” FP Flange		
2	640100011	11	Clamp, 2” Full Port		
3	640100012	11	Gasket, 2” Full Port		
4	640400007	2	Fitting, 2” FP Tee to 1” STD		
5	640100016	4	Gasket, 1” Standard Port		
6	640100015	4	Clamp, 1” Standard Port		
7	640100023	3	Fitting, 1” Barb X 1” Flange 90		
8	640100024	1	Fitting, 1” Flange Tee		
9	640100134	1	Valve, Check Banjo Flanged		
10	640100003	1	Fitting, Elbow 90 2” Full Port		
11	640100001	2	Ball Valve, 2” Full Port		
12	640100043	1	Fitting, Cross 2” Full Port		
13	640100004	1	Fitting, 2” Barb X 2” FP Elbow 90		
14	630000500	1	Product Pump Assembly, Hypro		Includes Hydraulic Motor, wet half seal 630000501
15	630000533	1	Hydraulic Motor Assembly		
16	640100039	1	Fitting, 1 1/2” Barb X 2” FP Flange		
	640020005	1	Fitting, 1/4 Plastic tubing to 1/8 NPT		Not shown, used to vent pump
	640100135	1	Bulkhead 1/2” Banjo		Not shown, used to vent pump
	640100136	1	Reducer Bushing, Banjo 1/2” to 1/4		Not shown, used to vent pump
	915003175	1	Clamp, Hose 1 5/16” TC 181		Not shown
	915003300	4	Clamp, Hose 2” TC 231		Not shown

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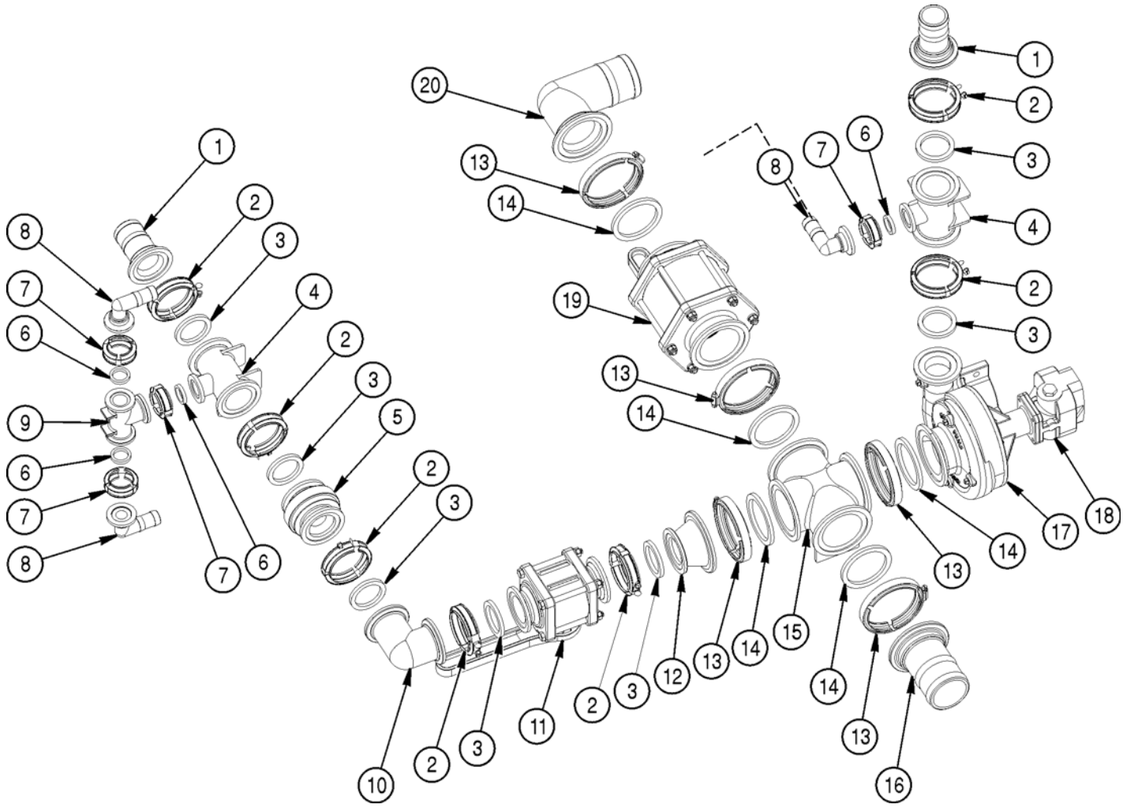
High Flow 3”



Item	Part Number	Qty	Description	Size	Comments
1	640100005	2	Fitting, 2” Hose Barb X 2” Full Port		
2	640100011	7	Clamp, 2” Full Port		
3	640100012	7	Gasket, 2” Full Port		
4	640400007	2	Fitting, 2” FP Tee to 1” STD		
5	640100134	1	Valve, Check Banjo Flanged		
6	640100016	4	Gasket, 1” Standard Port		
7	640100015	4	Clamp, 1” Standard Port		
8	640100023	3	Fitting, 1” Barb X 1” Flange 90		
9	640100024	1	Fitting, 1” Flange Tee		
10	640100003	1	Fitting, Elbow 90 2” Full Port		
11	640100001	1	Ball Valve, 2” Full Port		
12	640100047	1	Fitting, Reducer 3” Flange X 2” FP		
13	640100028	5	Clamp, 3” Banjo		
14	640100027	5	Gasket, 3” Banjo		
15	640100122	1	Fitting, Cross 3” Flange		
16	640100048	1	Fitting, 3” Hose Barb X 3” Flange		
17	630000315	1	Ace 304 Product Pump Complete		Includes hydraulic motor, wet half seal #630001091
18	630001271	1	Hydraulic Motor		Hydraulic motor only, seal kit #630001141"
19	640100061	1	Ball Valve, 3” Flange Banjo		
20	640100049	1	Fitting, 3” Flange X 3” Hose Barb 90		
	640020005	1	Fitting, 1/4 Plastic tubing to 1/8 NPT		Not shown, used to vent pump
	640100135	1	Bulkhead 1/2” Banjo		Not shown, used to vent pump
	640100136	1	Reducer Bushing, Banjo 1/2” to 1/4		Not shown, used to vent pump
	915003301	2	Clamp, Hose 3” TC 331		Not shown

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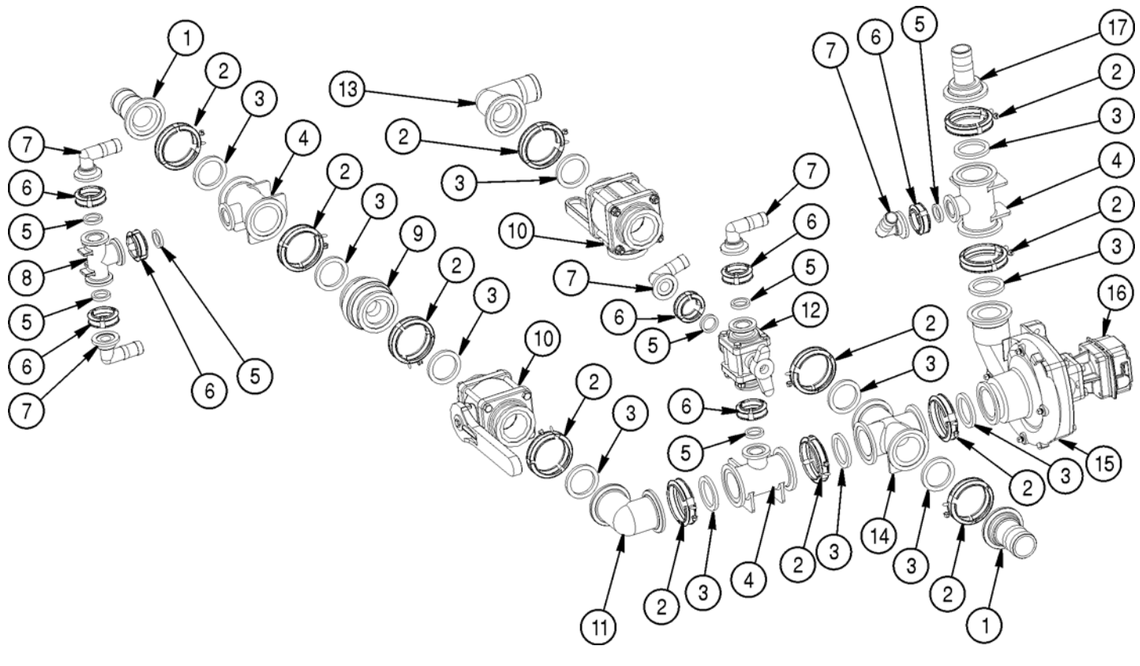
Station 3 Product Pump Plumbing • with Extra Rinse Tank

with Extra Rinse Tank



Item	Part Number	Qty	Description	Size	Comments
1	640100005	2	Fitting, 2” Barb X 2” FP Flange		
2	640100011	12	Clamp, 2” Full Port		
3	640100012	12	Gasket, 2” Full Port		
4	640400007	3	Fitting, 2” FP Tee to 1” STD		
5	640100016	7	Gasket, 1” Standard Port		
6	640100015	7	Clamp, 1” Standard Port		
7	640100023	5	Fitting, 1” Barb X 1” Flange 90		
8	640100024	1	Fitting, 1” Flange Tee		
9	640100134	1	Valve, Check Banjo Flanged		
10	640100001	2	Ball Valve, 2” Full Port		
11	640100003	1	Fitting, Elbow 90 2” Full Port		
12	640400010	1	Ball Valve, 1” Three Way Banjo		
13	640100004	1	Fitting, 2” Barb X 2” FP Elbow 90		
14	640100043	1	Fitting, Cross 2” Full Port		
15	630000500	1	Product Pump Assembly, Hypro		Includes Hydraulic Motor, wet half seal 630000501
16	630000533	1	Hydraulic Motor Assembly		
17	640100039	1	Fitting, 1 1/2” Barb X 2” FP Flange		"
	640020005	1	Fitting, 1/4 Plastic tubing to 1/8 NPT		Not shown, used to vent pump
	640100135	1	Bulkhead 1/2” Banjo		Not shown, used to vent pump
	640100136	1	Reducer Bushing, Banjo 1/2” to 1/4		Not shown, used to vent pump
	915003175	1	Clamp, Hose 1 5/16” TC 181		Not shown
	915003300	4	Clamp, Hose 2” TC 231		Not shown
	RM800850	20	Hose 1” Rubber AG300		Not shown

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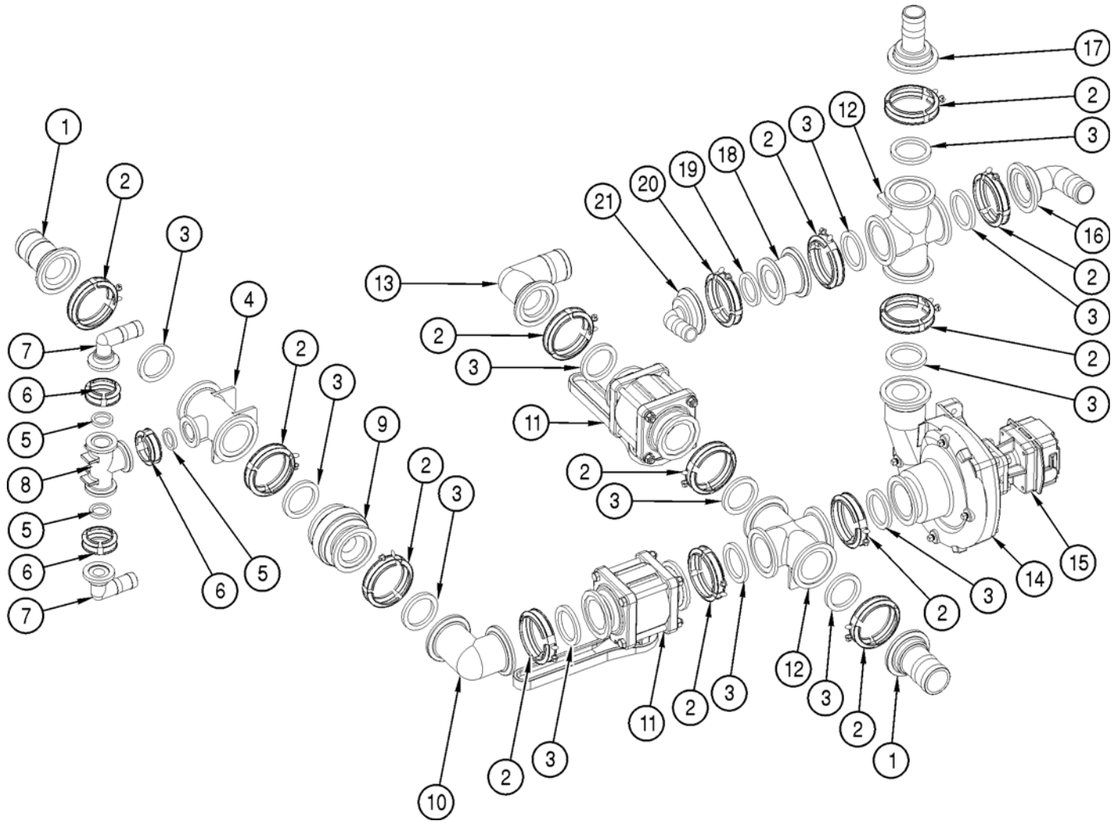
with Inductor



Item	Part Number	Qty	Description	Size	Comments
1	640100005	2	Fitting, 2” Barb X 2” FP Flange		
2	640100011	13	Clamp, 2” Full Port Banjo		
3	640100012	13	Gasket, 2” Full Port Banjo		
4	640400007	1	Fitting, 2” FP Tee to 1” STD		
5	640100016	3	Gasket, 1” Standard Port Banjo		
6	640100015	3	Clamp, 1” Standard Port Banjo		
7	640100023	2	Fitting, 1” Barb X 1” Flange 90		
8	640100024	1	Fitting, 1” Flange Tee		
9	640100134	1	Valve, Check Banjo Flanged		
10	640100003	1	Fitting, Elbow 90 2” Full Port		
11	640100001	2	Ball Valve, 2” Full Port		
12	640100043	2	Fitting, Cross 2” Full Port		
13	640100004	1	Fitting, 2” Barb X 2” FP Elbow 90		
14	630000500	1	Product Pump Assembly, Hypro		Includes Hydraulic Motor, wet half seal 630000501
15	630000533	1	Hydraulic Motor Assembly		
16	640400009	1	Fitting, Elbow 2” FP X 1 1/2” HB 90		
17	640100039	1	Fitting, 1 1/2” Barb X 2” FP Flange		
18	640100073	1	Fitting, Reducer 2” FP X 2” STD		
19	640100014	1	Gasket, 2” Standard Port Banjo		
20	640100013	1	Clamp, 2” Standard Port Banjo		
21	640100089	1	Fitting, Flange 2” STD X 1” Hose 90		
	640020005	1	Fitting, 1/4 Plastic tubing to 1/8 NPT		Not shown, used to vent pump
	640100135	1	Bulkhead 1/2” Banjo		Not shown, used to vent pump
	640100136	1	Reducer Bushing, Banjo 1/2” to 1/4		Not shown, used to vent pump
	690001822	1	Hose, Suction Quick Fill to Pump		Not shown, hose is 2” Dia and 15” long
	690001823	1	Hose, Pressure Pump to Boom		Not shown, hose is 1 1/2” Dia and 16’ long
	915003175	7	Clamp, Hose 1 5/16” TC 181		Not shown
	915003300	3	Clamp, Hose 2” TC 231		Not shown

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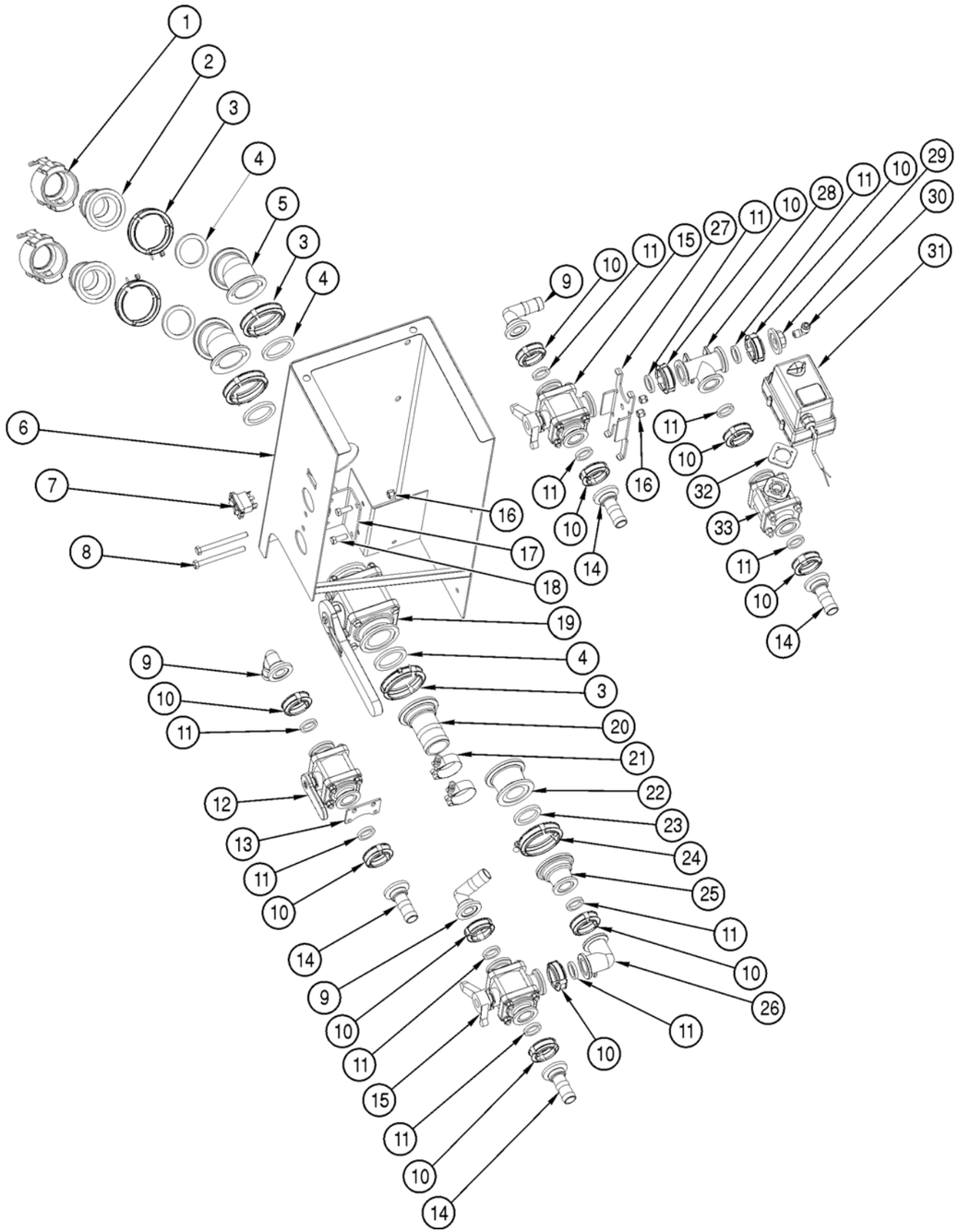
EQUIPMENT TECHNOLOGIES

Station 3 Fill Station • Standard Flow 2”

Fill Station
Standard Flow 2”



Item	Part Number	Qty	Description	Size	Comments
1	640000150	2	Cap 2” Quick Couple		
2	640100074	2	Flanged 2” Full Port to QDC		
3	640100011	5	Clamp, 2” Full Port		
4	640100012	5	Gasket, 2” Full Port		
5	640000042	2	Fitting, 2” FP 45 Banjo		
6	690000007	1	Housing, Fill Station		
7	700300066	1	Switch, Remote Product Pump		
8	900106530	2	Bolt HHCS, 3/8-16 X 4		
9	640100023	3	Fitting, 1” Barb X 1” Flange 90		
10	640100015	12	Clamp, 1” Standard Port		
11	640100016	12	Gasket, 1” Standard Port		
12	640100077	1	Ball Valve, 1” Banjo		Used on the hand rinse
13	690000009	1	Bracket, Hand Rinse Valve		
14	640100053	4	Fitting, Hose Barb 1”		
15	640400010	2	Ball Valve, 3 Way 1” STD		
16	901003020	4	Nut, Nylock 3/8-16		
17	690000002	1	Bracket, Fill Valve		
18	900000400	2	Bolt HHCS, 3/8-16 X 2		
19	640100001	1	Ball Valve, 2” Full Port		
20	640100005	1	Fitting, 2” Barb X 2” FP Flange		
21	915003300	2	Clamp, Hose 2” TC 231		
22	640100073	1	Fitting, Reducer 2” FP to 2” STD		
23	640100014	1	Gasket, 2” Standard Port		
24	640100013	1	Clamp, 2” Standard Port		
25	640100007	1	Fitting, Reducer 2” STD to 1” STD		
26	640100121	1	Fitting, 1” Flange 90		
27	690000006	1	Bracket, Quick Fill		
28	640100024	1	Fitting, 1” Flange Tee		
29	640400011	1	Cap 1” with 1/4 Port		
30	640020000	1	Fitting, 1/4 Popit 90 Degree Pressure		
32	660000305	1	Gasket		Between ball valve and electric motor
33	660000302	1	Ball Valve Only, Agitation		"
31A	660000300	1	Valve Assembly, Agitation Banjo		Includes both the valve and motor
31B	660000301	1	Motor Only, Agitation		"
	RM800150	25	Hose Air Line NT		Not shown
	RM800850	15	Hose 1” Rubber AG300		Not shown
	RM801050	2	Hose 2” AG Suction EPDM 3		Not shown

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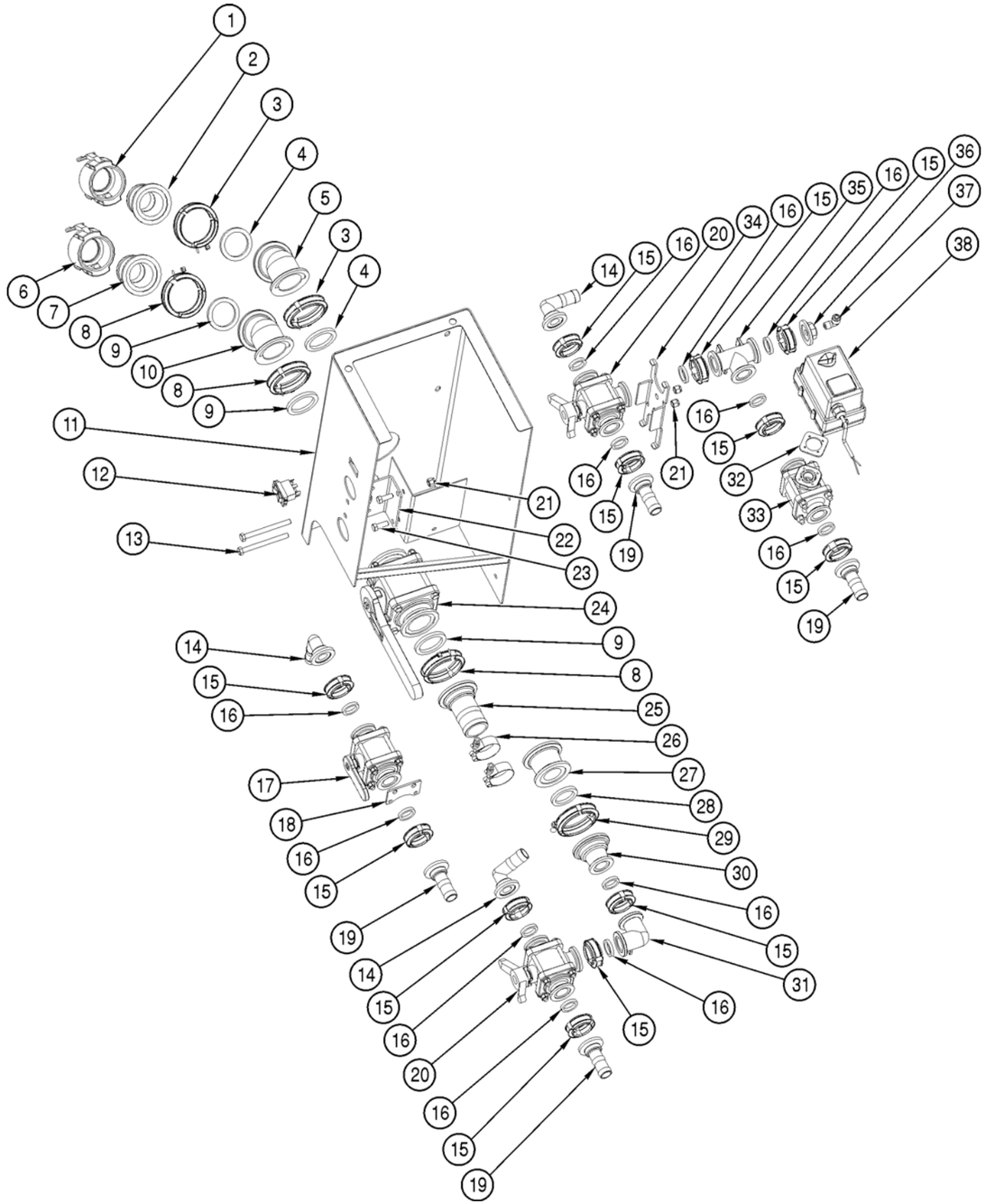
Station 3 Fill Station • High Flow 3”

High Flow 3”



Item	Part Number	Qty	Description	Size	Comments
1	640000150	1	Cap 2” Quick Couple		
2	640100074	1	Flanged 2” Full Port to QDC		
3	640100011	2	Clamp, 2” Full Port		
4	640100012	2	Gasket, 2” Full Port		
5	640000042	1	Fitting, 2” FP 45 Banjo		
6	640100118	1	Cap 3” Quick Couple		
7	640100120	1	Flanged 3” Standard to QDC		
8	640100028	3	Clamp, 3” Banjo		
9	640100027	3	Gasket, 3” Banjo		
10	640100116	1	Fitting, 3” Standard 45 Banjo		
11	690000007	1	Housing, Fill Station		
12	700300066	1	Switch, Remote Product Pump		
13	900106530	2	Bolt HHCS, 3/8-16 X 4		
14	640100023	3	Fitting, 1” Barb X 1” Flange 90		
15	640100015	12	Clamp, 1” Standard Port		
16	640100016	12	Gasket, 1” Standard Port		
17	640100077	1	Ball Valve, 1” Banjo		Used on the hand rinse
18	690000009	1	Bracket, Hand Rinse Valve		
19	640100053	4	Fitting, Hose Barb 1”		
20	640400010	2	Ball Valve, 3 Way 1” STD		
21	901003020	4	Nut, Nylock 3/8-16		
22	690000003	1	Bracket, Fill Valve 3		
23	900000400	2	Bolt HHCS, 3/8-16 X 2		
24	640100061	1	Ball Valve, 3” Flange Banjo		
25	640100048	1	Fitting, 3” Hose Barb X 3” Flange		
26	915003301	2	Clamp, Hose 3” TC 331		
27	640100073	1	Fitting, Reducer 2” FP X 2” STD		
28	640100014	1	Gasket, 2” Standard Port Banjo		
29	640100013	1	Clamp, 2” Standard Port Banjo		
30	640100007	1	Fitting, Reducer 2” STD to 1” STD		
31	640100121	1	Fitting, 1” Flange 90		
32	660000305	1	Gasket		Between ball valve and electric motor
33	660000302	1	Ball Valve Only, Agitation		
34	690000006	1	Bracket, Quick Fill		
35	640100024	1	Fitting, 1” Flange Tee		
36	640400011	1	Cap 1” with 1/4 Port		
37	640020000	1	Fitting, 1/4 Popit 90 Degree Pressure		
38A	660000300	1	Valve Assembly, Agitation Banjo		Includes both the valve and motor
38B	660000301	1	Motor Only, Agitation		
	RM800150	25	Hose Air Line NT		Not shown
	RM800850	15	Hose 1” Rubber AG300		Not shown
	RM801075	2	Hose 3” AG Suction EPDM 3		Not shown

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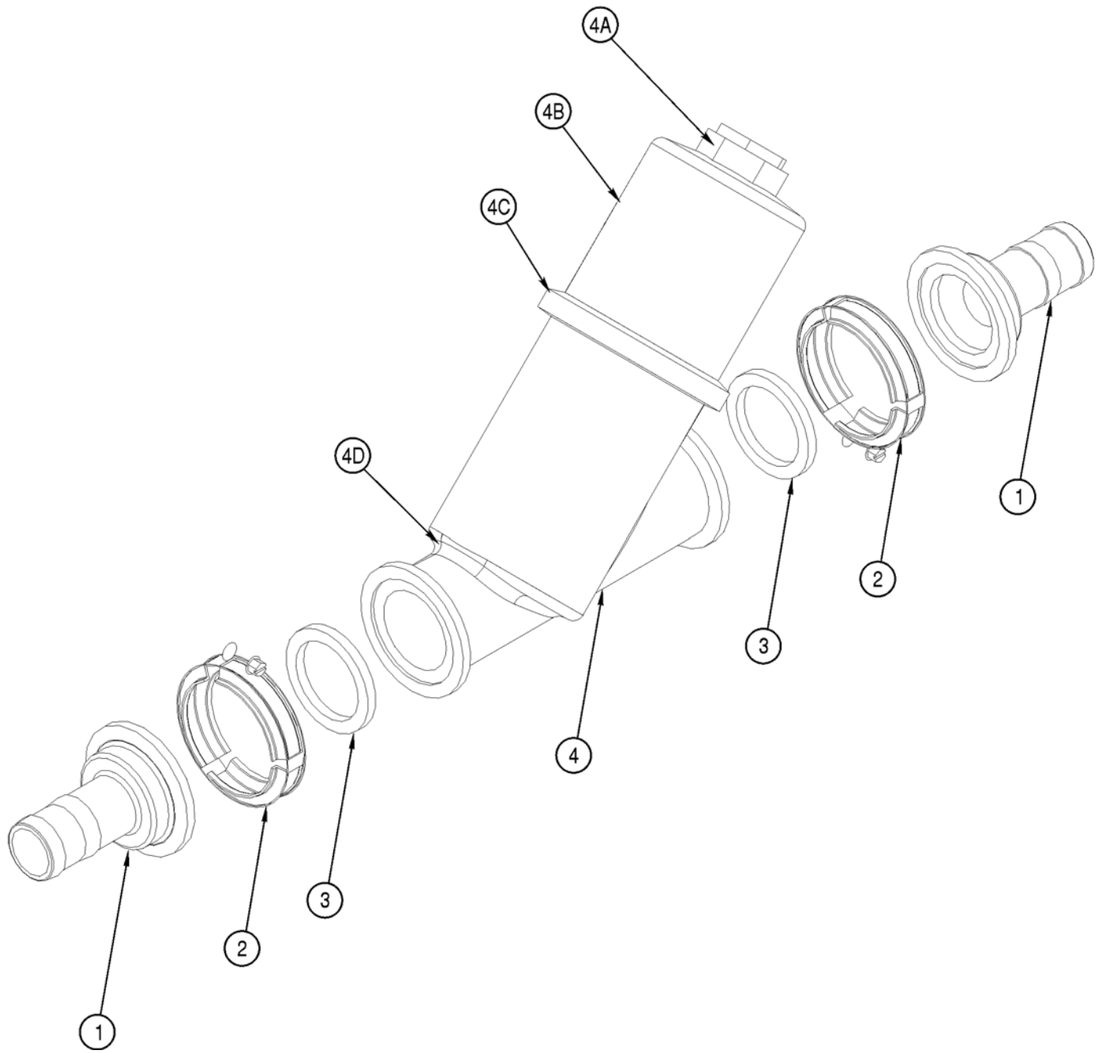
Product Strainer • AS710, AS1010 & AS1210

Product Strainer
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	640100039	2	Fitting, 1 1/2” Barb X 2” FP Flange		
2	640100011	2	Clamp, 2” Full Port		
3	640100012	2	Gasket, 2” Full Port		
4	640400000	1	Strainer Assembly, 2” Full Port		50 Mesh
4A	640100126	1	Strainer End Plug		
4B	640400022	1	Strainer Cap		
4C	640400005	1	Strainer Gasket		
4D	640400004	1	Strainer Body		
	640400020	A/R	Strainer Screen, 50 Mesh		Not Shown, Used in standard production
	640400021	A/R	Strainer Screen, 100 Mesh		Not Shown
	915003175	2	”Clamp, Hose 1 5/16” TC 181		Not Shown

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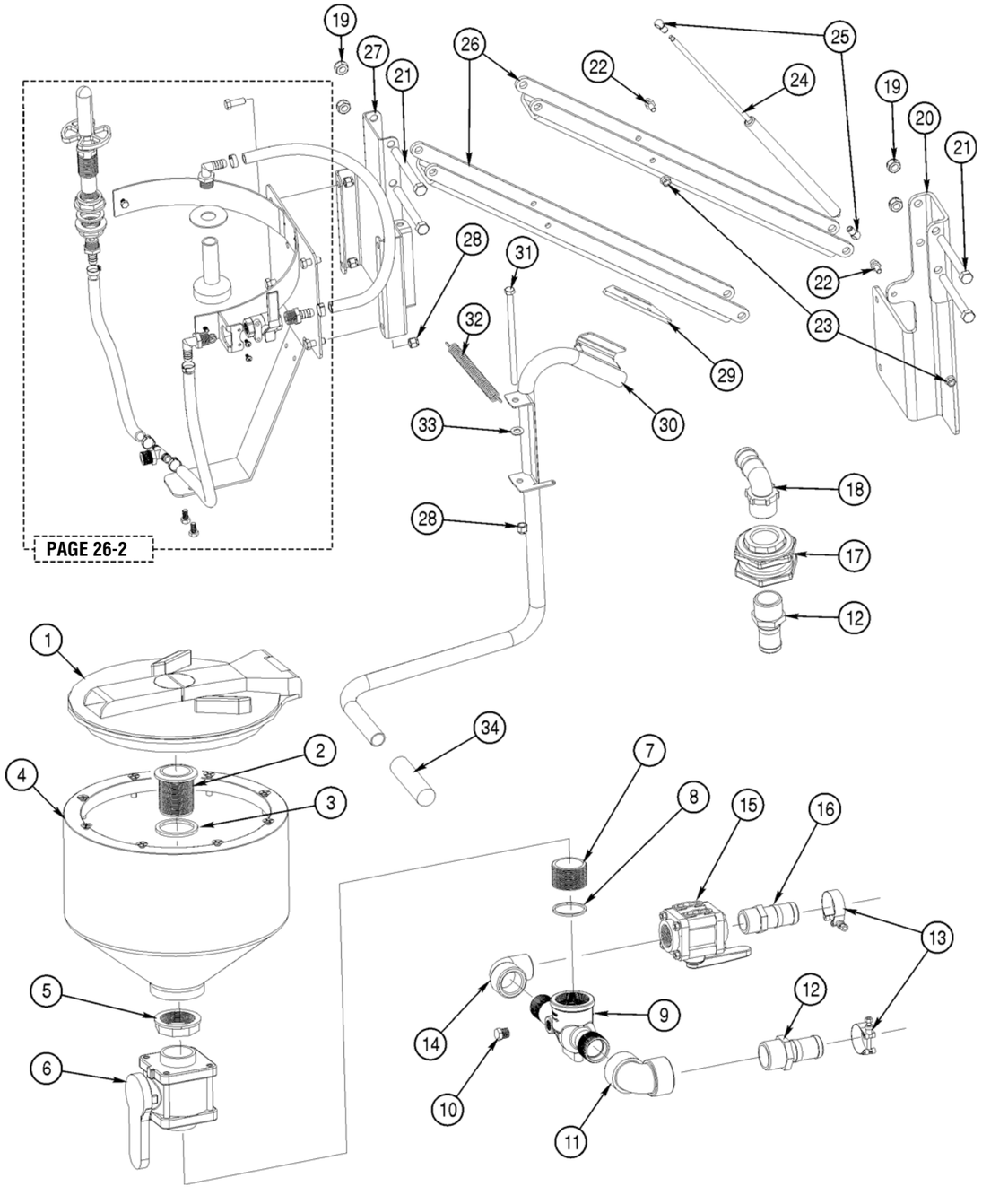
Inductor
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	640500017	1	Lid, Tank 12” Road Warrior Hypro		
2	640500006	1	Drain Head		
3	640500007	1	Gasket 2		
4	640500008	1	Tank, 5.5 Gallon Hypro		
5	640500009	1	Locking Ring		
6	640500031	1	Ball Valve, 2” Hypro		Body type 6
7	640500032	1	Pipe Nipple, 2” Stainless Steel		
8	640500005	1	Gasket 2” BSP		
9	640500000	1	Inductor, Machined Hypro		
10	640500001	1	Plug, 1/2” Hypro		
11	640000230	1	Elbow, 1 1/2” NPT 90 Banjo		
12	640400014	2	Hose Barb 1 1/2” Hose to 1 1/2” NPT		
13	915003201	4	Clamp, Hose 1 1/4” TC 162		
14	640400012	1	Elbow, Street 1 1/4” Banjo		
15	640500003	1	Ball Valve, 1 1/4” Bolted Hypro		
16	640500013	1	Hose Barb 1 1/2” Hose to 1 1/4” NPT		
17	640000000	1	Bulkhead, 1 1/2” Poly		
18	640000530	1	Hose Barb 1 1/2” 90		
19	901003040	4	Nut, Nylock 1/2-13 ZP		
20	690000008	1	Bracket, Product Pump		
21	900003300	4	Bolt, Hex Head 1/2-13 X 4 1/4 G5		
22	630100005	2	Ball Stud, 5/16-18 X 10mm		
23	901003010	2	Nut, Nylock 5/16-18 ZP		
24	630100003	1	Gas Strut, 120 lb X 7.87 Stroke		
25	630100004	2	Socket, Ball M6 X 10mm		Clip, Retainer 10mm Socket Part #490000117
26	630100010	2	Link, Inductor		
27	630100011	1	Bracket, Inductor		
28	901003020	5	Nut, Nylock 3/8-16 ZP		
29	630100017	1	Wear Strip, Inductor Handle		Mounted with two 915001301 Self Tap Screws
30	630100012	1	Handle, Inductor		
31	900010716	1	Bolt, Hex Head 3/8-16 X 7		
32	630100014	1	Spring, Inductor Latch		
33	902003200	1	Washer, Flat 3/8		
34	630100013	1	Cap, Inductor Handle		
	630100006	1	Inductor, Hypro Assembly		Includes only the Hypro components
	K65000027	1	Kit Inductor Complete		Field ready kit for all ‘07 Models
	K65000028		Kit, Inductor Complete		AS510 and AS710 Only
	RM800875	20	Hose, 1 1/2” Flat Inductor		Not shown, used to plumb into existing wet system
	640100011	2	Clamp, 2” Full Port Banjo		Not shown, used to plumb into existing wet system
	640100012	2	Gasket, 2” Full Port Banjo		Not shown, used to plumb into existing wet system
	640400009	1	Elbow, 2” Full Port to 1 1/2” Barb		Not shown, used to plumb into existing wet system
	640100043	1	Fitting, Cross 2” Full Port Banjo		Not shown, used to plumb into existing wet system
	640100073	1	Fitting, Reducer 2” FP to 2” STD		Not shown, used to plumb into existing wet system
	640100013	1	Clamp, 2” Standard Banjo		Not shown, used to plumb into existing wet system
	640100014	1	Gasket, 2” Standard Banjo		Not shown, used to plumb into existing wet system
	640100089	1	Fitting, 2” STD X 1” Hose Barb 90		Not shown, used to plumb into existing wet system

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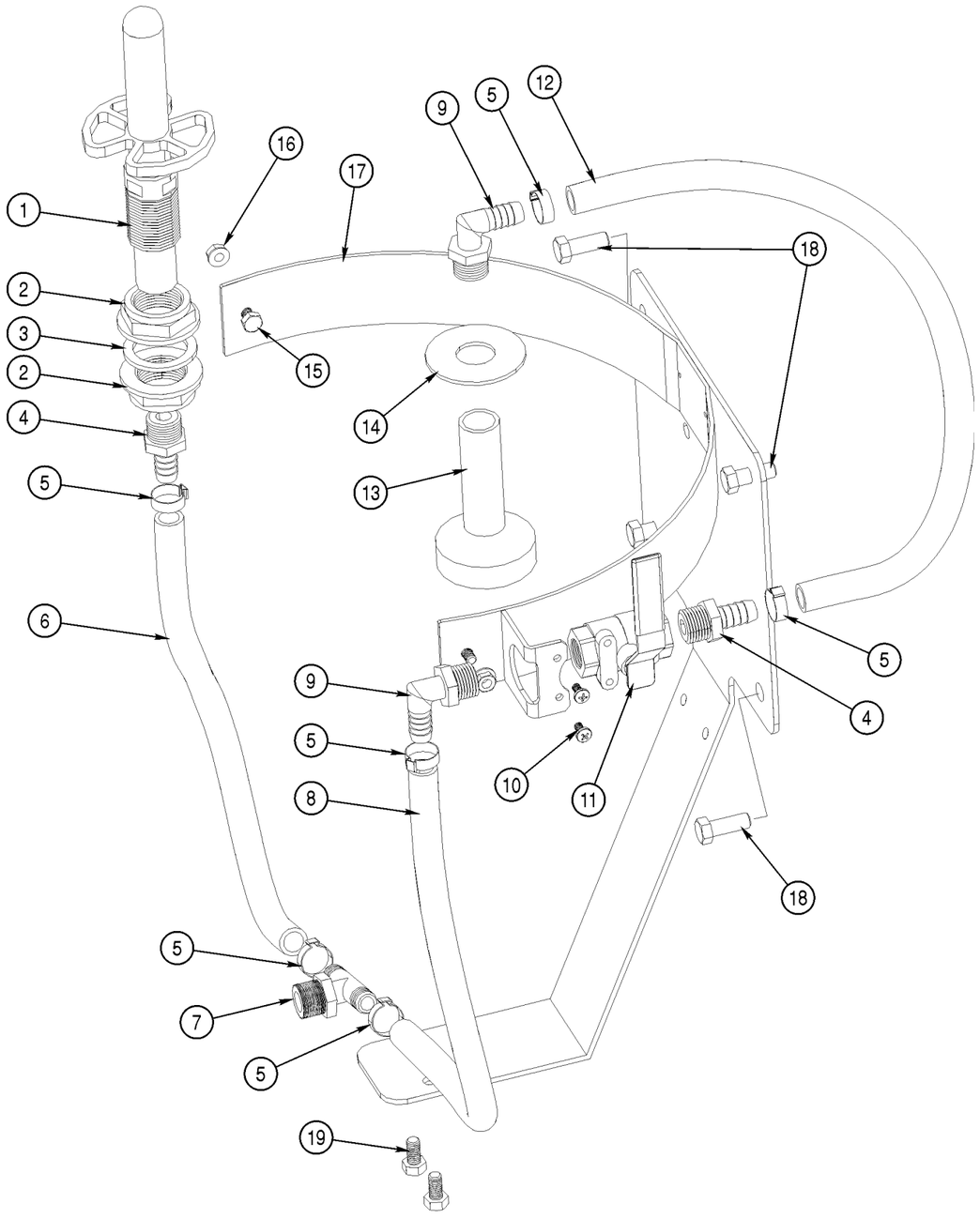
Inductor • AS710, AS1010 & AS1210

Inductor Detail



Item	Part Number	Qty	Description	Size	Comments
1A	640500014	1	Bottle, Rinse Head and Base		
1B	640500040	1	Bottle Rinse Head (top half only)		
2	N/A	2	Compression Fitting		Included with #1
3	640500015	1	Gasket 1”		
4	640500016	2	Hose, Barb 1/2 NPT to 1/2 HB		
5	640500023	6	Clamp, Hose		
6	640500024	1	Hose		Bottle Rinse
7	640500002	1	Fitting, Tee 1/2” NPT to 1/2” HB		
8	640500026	1	Hose		Feeder Valve
9	640500019	2	Hose Barb Elbow1/2” NPT to 1/2 HB		
10	640500022	2	Screw, 10-32 X .375 SS		
11	640500021	1	Valve, Rinse 1/2” SS		
12	640500025	1	Hose		Tank Rinse
13	640500020	1	Rinse head assembly		
14	N/A	1	Rinse head washer		Included with #13
15	640500012	4	Bolt, Hex Head 1/4-20 X 3/4 SS		
16	640500013	4	Nut, Flange 1/4-20		
17	640500010	1	Frame, Back Mount		
18	900002815	4	Bolt, Hex Head 3/8-16 X 1, G5, ZP		
19	640500011	2	Bolt, Hex Head 5/16-18 x 5/8		

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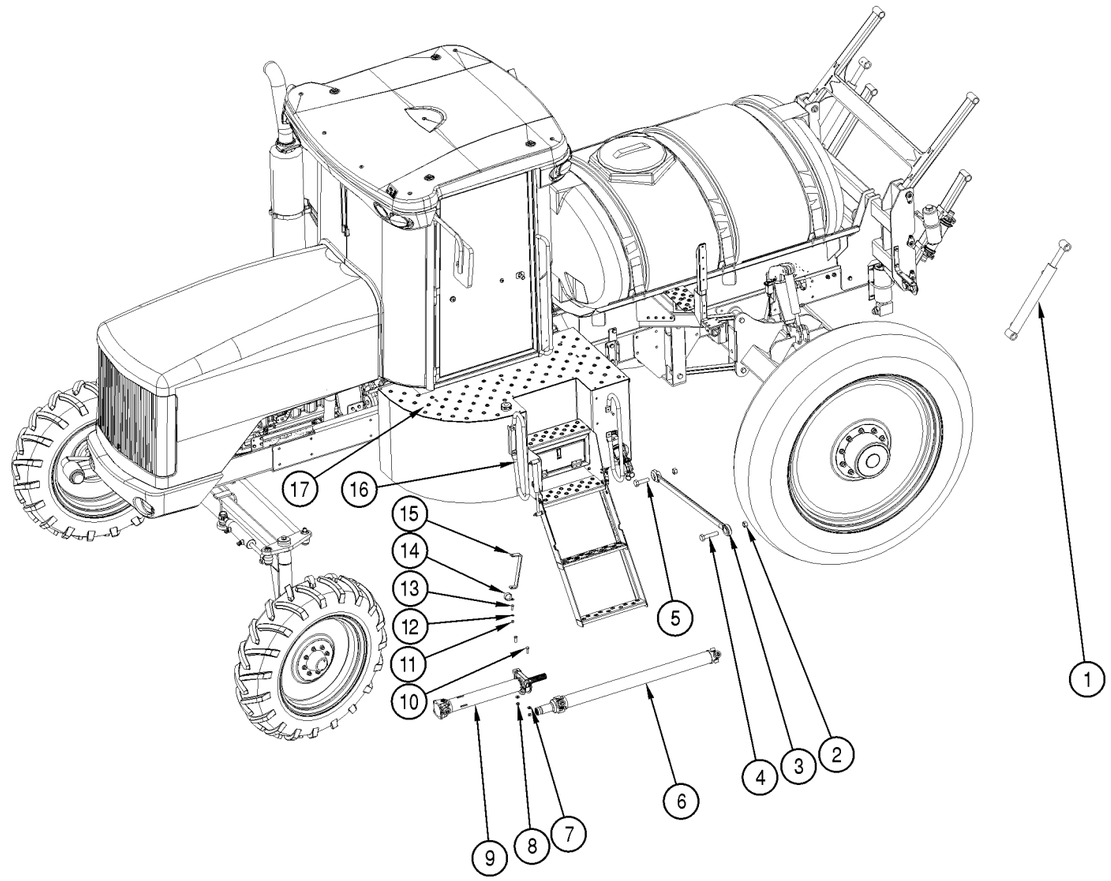
Station 4 Driveshaft • AS710

Station 4
Driveshaft
AS710



Item	Part Number	Qty	Description	Size	Comments
1	600901405	2	Cylinder, Boom Rack Up/Down		
2	901003095	2	Nut, Nylock 1-14		
3	100108070	1	Tracking Bar, Suspension		
4	900012335	1	Bolt, Hex 1-14 X 4 1/2		
5	900012336	1	Bolt, Hex 1-14 X 3 1/2		
6	301100003	1	Driveshaft, Rear		U Strap Kit Driveshaft to Differential 301100200
7	902003210	4	Washer, Flat 1/2”		
8	901003040	4	Nut, Nylon 1/2-13		
9	301100004	1	Driveshaft, Front		
10	900008495	4	Bolt, Hex 1/2-13 X 1 1/2		
11	901003020	3	Nut, Nylock 3/8-16		
12	902003200	3	Washer, Flat 3/8”		
13	900002825	3	Bolt, Hex 3/8-16 X 1 1/4		
14	915002800	1	Hose Clamp		
15	690001534	1	Bracket, Rinse Tank Hose		
16	490000911	2	Handrail, Step		
17	420000020	1	Treadplate, Fuel Tank		Treadplate, Hydraulic Tank is 420000033
	611000056	1	Sensor, Raven Driveshaft		Not Shown
	301100300		U-Joint, Rear Driveshaft		Not Shown
	301100301		U-Joint, Front Driveshaft		Not Shown
	100106086		Carrier Bearing		Not Shown
	301100011		Cup and Cork		Not Shown

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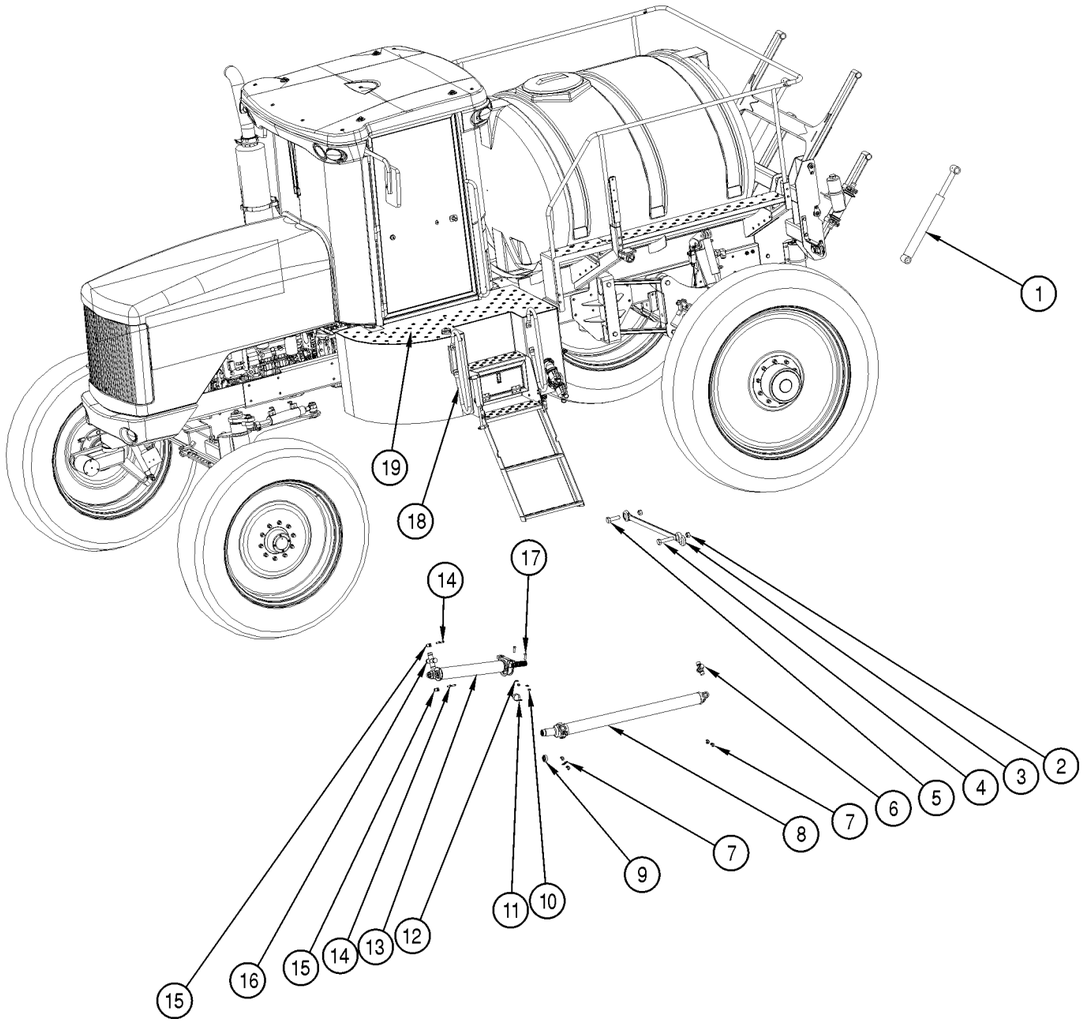

Item	Part Number	Qty	Description	Size	Comments
1	600901405	2	Cylinder, Double Acting Boom		
2	901003095	2	Nut, Nylock 1-14		
3	100108070	1	Tracking Bar, Suspension		
4	900012335	1	Bolt, Hex 1-14 X 4 1/2		
5	900012336	1	Bolt, Hex 1-14 X 3 1/2		
6	NSS	2	U-joint		Included with #7
7	NSS	8	Clip, U-joint		Included with #7
8	3011100003	1	Driveshaft, Rear		
9	301100011	1	Cup & Cork Seal, Rear Driveshaft		
10	901003040	2	Nut, Nylock 1/2-13		
11	915002800	1	Hose Clamp		
12	902003210	2	Washer, Flatt 1/2”		
13	301100009	1	Driveshaft, Front		
14	900002815	4	Bolt, U Straps		Included with #16
15	301100200	1	U Strap Kit, U-joint to Driveline		
16	NSS	1	U-joint		Included with #14
17	900003245	2	Bolt, HHCS 1/2-13 X 1 1/2 G8		
18	490000911	2	Handrail, Step		
19	420000020	1	Treadplate, Fuel Tank		Treadplate, Hydraulic Tank is 420000033
	900003245		Bolt		To fasten front driveshaft to driveplate; Not Shown
	901000006		Lock Nut, Smash		To fasten front driveshaft to driveplate; Not Shown
	611000056	1	Sensor, Raven Driveshaft		Not Shown
	301100300		U-Joint, Rear Driveshaft		Not Shown
	301100301		U-Joint, Front Driveshaft		Not Shown
	100106086		Carrier Bearing		Not Shown

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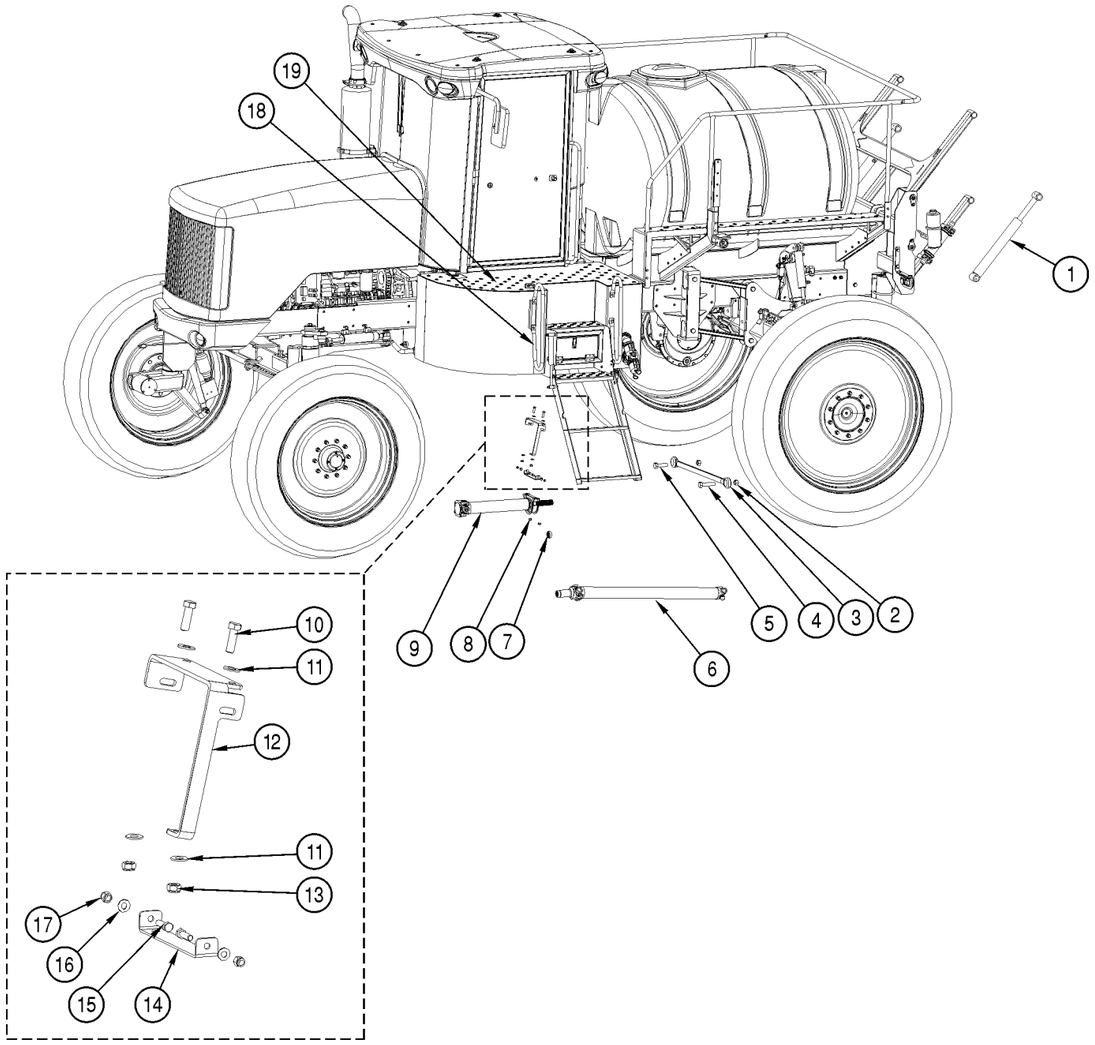
Driveshaft • AS1210



Item	Part Number	Qty	Description	Size	Comments
1	600901405	2	Cylinder, Double Acting Boom		
2	901003095	2	Nut, Nylock 1-14		
3	100108070	1	Tracking Bar, Suspension		
4	900012335	1	Bolt, Hex 1-14 X 4 1/2		
5	900012336	1	Bolt, Hex 1-14 X 3 1/2		
6	301100003	1	Driveshaft, Rear		U Strap Kit Driveline to Differential 301100200
7	301100011	1	Cork & Cup Seal, Rear Driveshaft		
8	901003020	4	Nut, Nylock 1/2-13		
9	301100010	1	Driveshaft, Front		
10	900008495	4	Bolt, Hex 1/2-13 x 1 1/2”		
11	902003210	4	Washer, Flat 1/2”		
12	300100212	1	Bracket, Upper Carrier Bearing		
13	901003040	4	Nut, Nylock 1/2”		
14	300100213	1	Bracket, Lower Carrier Bearing		
15	900002825	3	Bolt, Hex 3/8-16 x 1 1/4 G5 ZP		
16	902003200	3	Washer, Flat 3/8”		
17	901003020	3	Nut, Nylock 3/8-16		
18	420000020	1	Treadplate, Fuel Tank		Treadplate, Hydraulic Tank is 420000033
19	490000911	2	Handrail, Step		
	611000056	1	Sensor, Raven Driveshaft		Not Shown
	301100300		U-Joint, Rear Driveshaft		Not Shown
	301100301		U-Joint, Front Driveshaft		Not Shown
	100106086		Carrier Bearing		Not Shown

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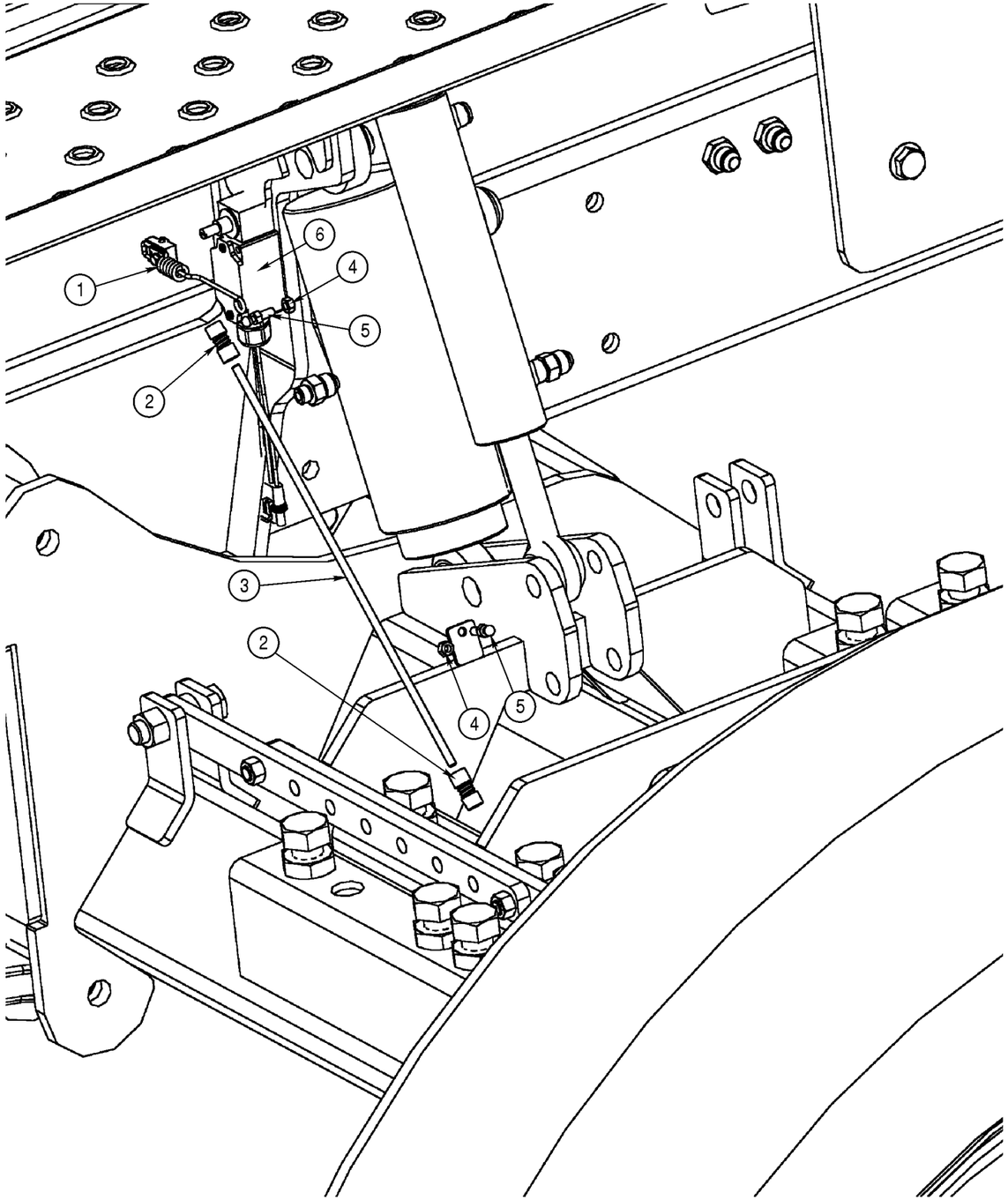
Suspension Leveling
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	700300081	1	Switch Arm, Rear Suspension		
2	390000800	2	Ball Joint, 40 Series Female		
3	100108080	1	Rod, Adjusting Leveling 1/4-28		
4	901003005	2	Nut, Nylock 1/4-28		
5	Included with # 2	2	Ball Joint, 40 Series Male		
6	K65000123	1	L/H Switch Assy. includes wiring		Switch only P/N 700300080
6A	K65000124	1	R/H Switch Assy. Includes wiring		L/H Pigtail 700300083 R/H Pigtail 700300082

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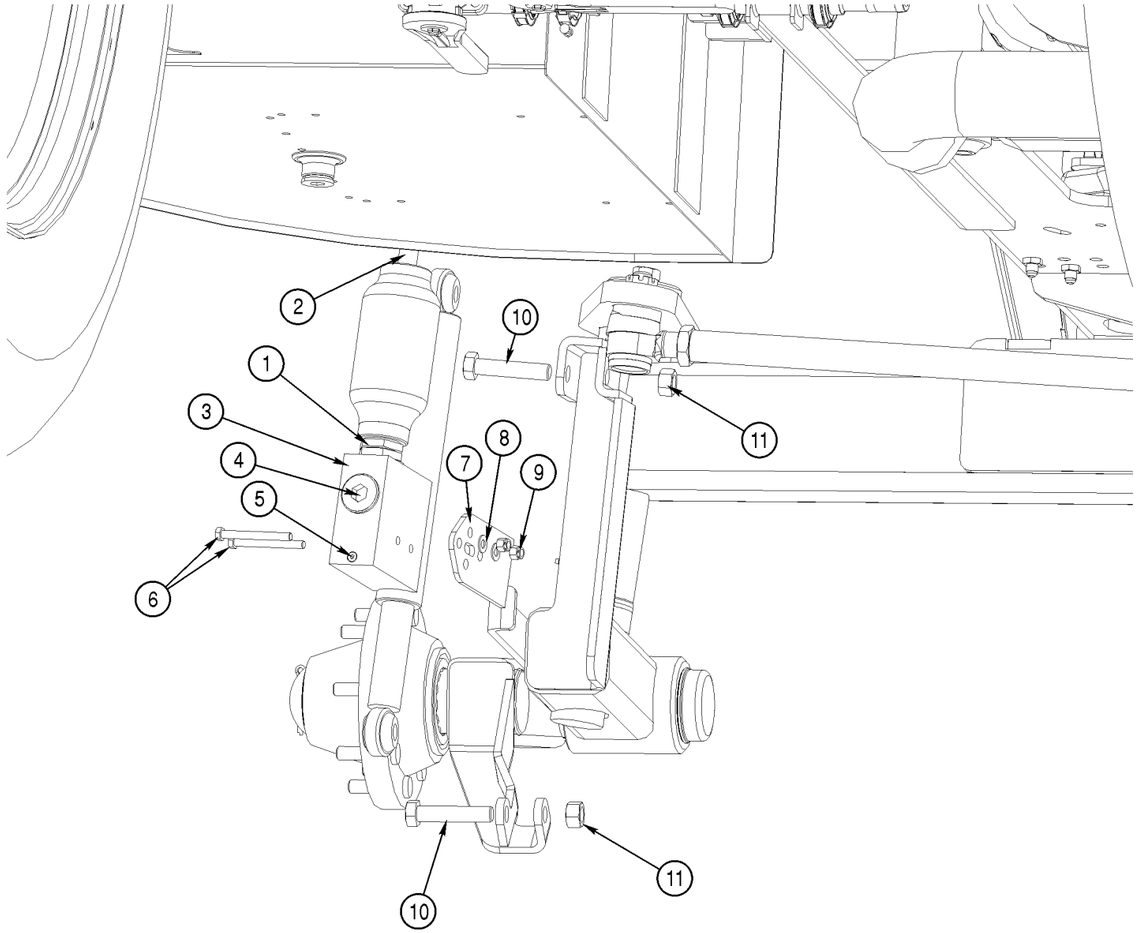
Front Strut (Standard Duty) • AS710 & AS1010

Front Strut
AS710 & AS1010 (Standard Duty)



Item	Part Number	Qty	Description	Size	Comments
1	800100621	2	Fitting, Union 26 ORM x 26 ORM		
2	100106511	1	Cap, accumulator for European valve		
3	100106500	1	Strut Assembly, Front		
3A	100106510	1	Strut Assembly, Front		Rebuilt
4	800100622	1	Plug, hex socket 1 1/4-1 1/2 NPT OD X 1		
5	800100623	1	Plug, hex socket 1/4-18 NPT OD X 1		
6	900002885	2	Bolt, Hex 3/8-16 X 4”G5 ZP		
7	100108086	1	Bracket, Anti-Rotation		
8	902003200	2	Washer, Flat 3/8		
9	901003020	2	Nut, Nylock 3/8-16		
10	900006645	2	Bolt, Hex 3/4-16 X 3 1/2 G5 ZP		
11	901000780	2	Nut 3/4-16		

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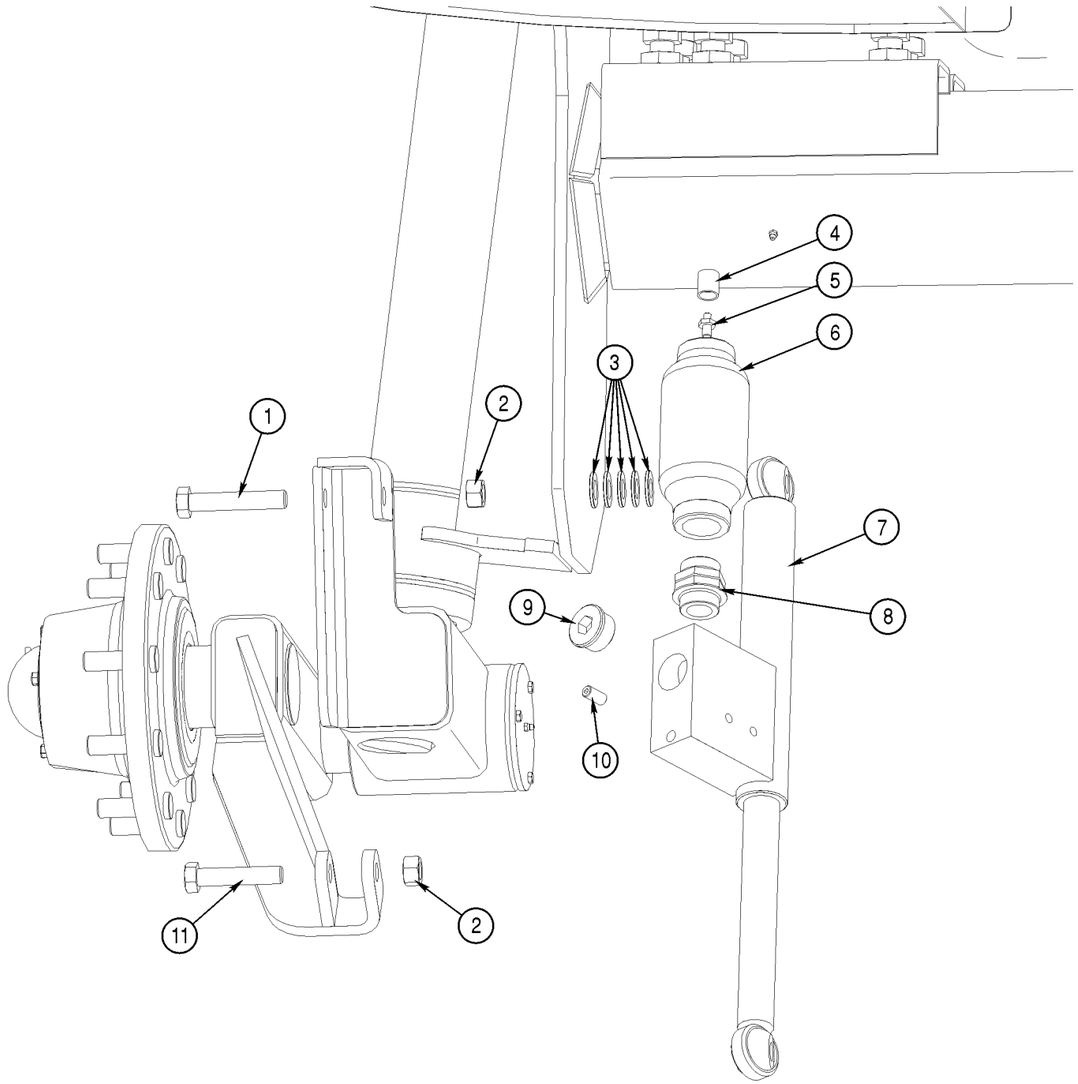
Front Strut (Heavy Duty) • AS1010 & AS1210

AS1010 & AS1210 (Heavy Duty)



Item	Part Number	Qty	Description	Size	Comments
1	900006655	1	Bolt, Hex 3/4-16 X 4” G5 ZP		
2	901000780	2	Nut 3/4-16		
3	902003070	5	Washer, flat 3/4		
4	100106511	1	Cap, accumulator for European Valve		
5	100106512	1	Valve & Cap, European Style		
6	100106502	1	Accumulator		
7	100106500	1	Strut Assembly, Front		
7A	100106510	1	Strut Assembly, Front		Rebuilt
8	800100621	2	Fitting, union 26 ORM X 26 ORM		
9	800100622	1	Plug, hex socket 1 1/4-1 1/2 NPT OD X 1		
10	800100623	1	Plug, hex socket 1//4-18 NPT OD X 1		
11	900006645	1	Bolt, Hex 3/4-16 X 3 1/2”G5 ZP		

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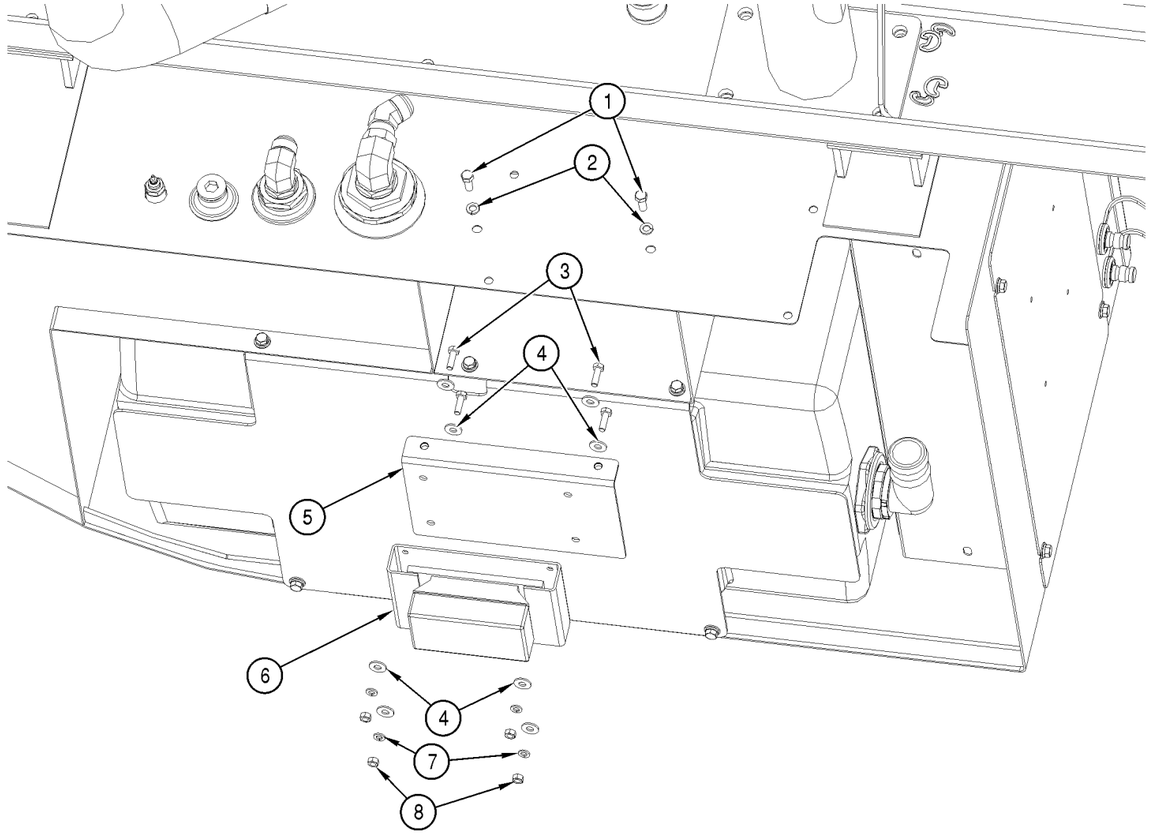
Station 4 Radar Assembly • AS710, AS1010 & AS1210

Radar Assembly
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	900002815	2	Bolt, Hex 3/8-16 X 1” G5 ZP		
2	902201090	2	Washer, Lock 3/8 ZP		
3	900002610	4	Bolt, Hex 5/16-18 X 1” G5 ZP		
4	902003195	8	Washer, Flat 5/16 ZP		
5	690001533	1	Bracket, Radar		
6	611000074	1	Radar Unit		
7	902201095	4	Washer, Lock 5/16”		
8	901000715	4	Nut, Nylock 5/16-18		

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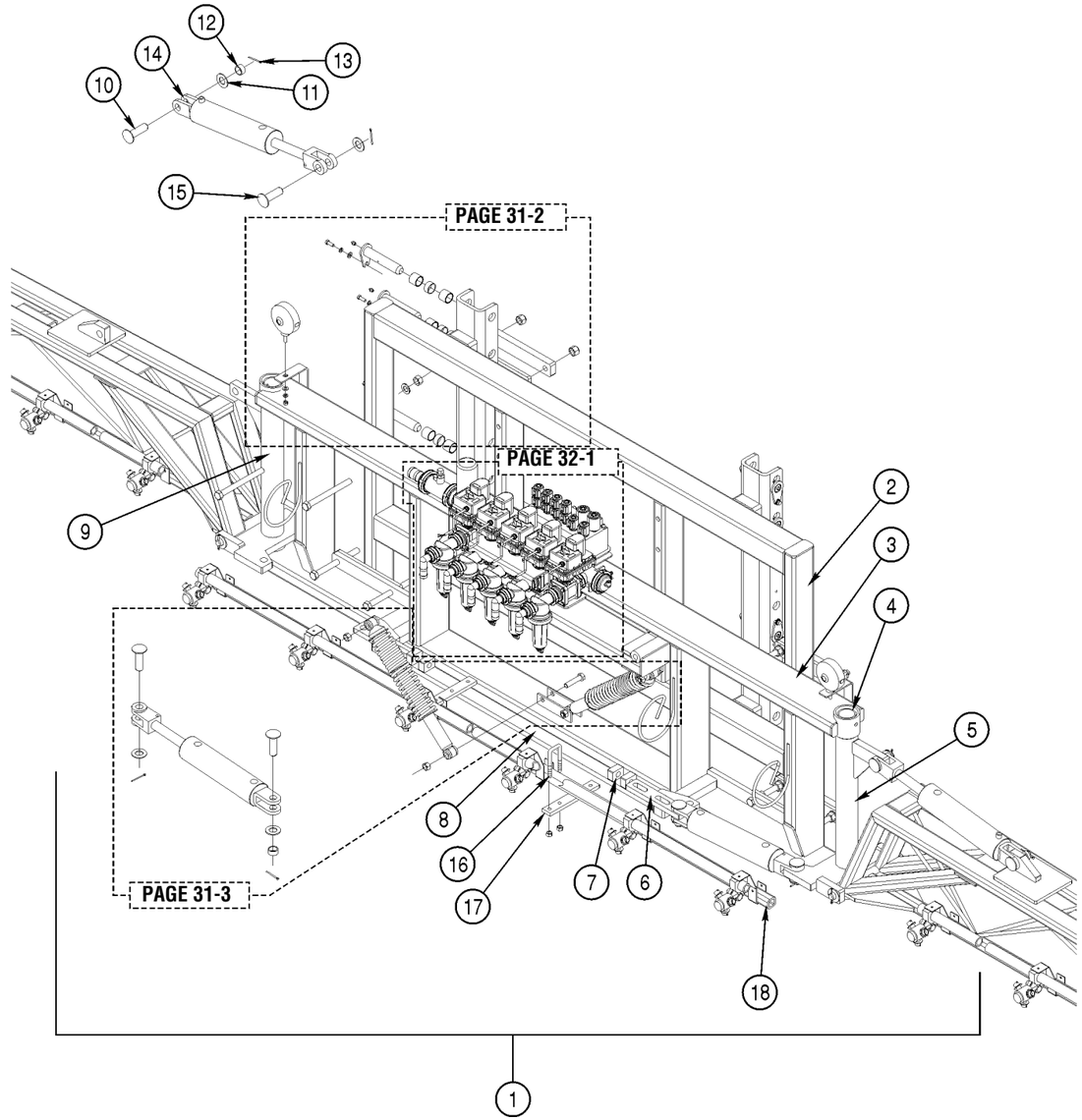
Back Rack
AS710, AS1010 & AS1210
Outboard View



Item	Part Number	Qty	Description	Size	Comments
1	600901003	1	Back Rack, Complete		Minus Plumbing, Hose, & Valves
2	600901016	1	Frame, Rear Center Section		Included with 600901003
3	600901015	1	Boom, Center Section		Included with 600901003
4	600901010	2	Pivot Pin, Boom		Included with 600901015
5	600901093	1	Tube, Pivot Right		Included with 600901015
6	600901091	2	Adjuster Clevis, Boom		Included with 600901015
7	600901085	2	Eyelet Weldment		Included with 600901015
8	600901311	1	Bar, Welded Boom Rack		Included with 600901015
9	600901092	1	Tube, Pivot Left		Included with 600901015
10	600901210	2	Pin, Boom Cylinder 1” OD x 3”		
10A	600901519	1	Pin, Cylinder 1’ x 3” Barrel End		Included with # 14
11	902003080	2	Washer, Flat 1		
12	600901244	1	Spacer, Boom Pin		
13	600901241	4	"Pin, Cotter		
14	600901509	1	Cylinder,3 x 10 Boom Tilt Single Acting		
15	600901520	1	Pin, Cylinder 1’ x 3 1/2” Rod End		Included with # 14
16	600901007	2	U-Bolt, Rear Spray Bar		
17	600901006	2	Link Bar, Rear Spray Bar		
18	600901005	1	Rear Spray Bar tube		Between Plumbing and 600901311
	600901521	4	Pin, Cotter for cyl. Pins # 10A & # 15		

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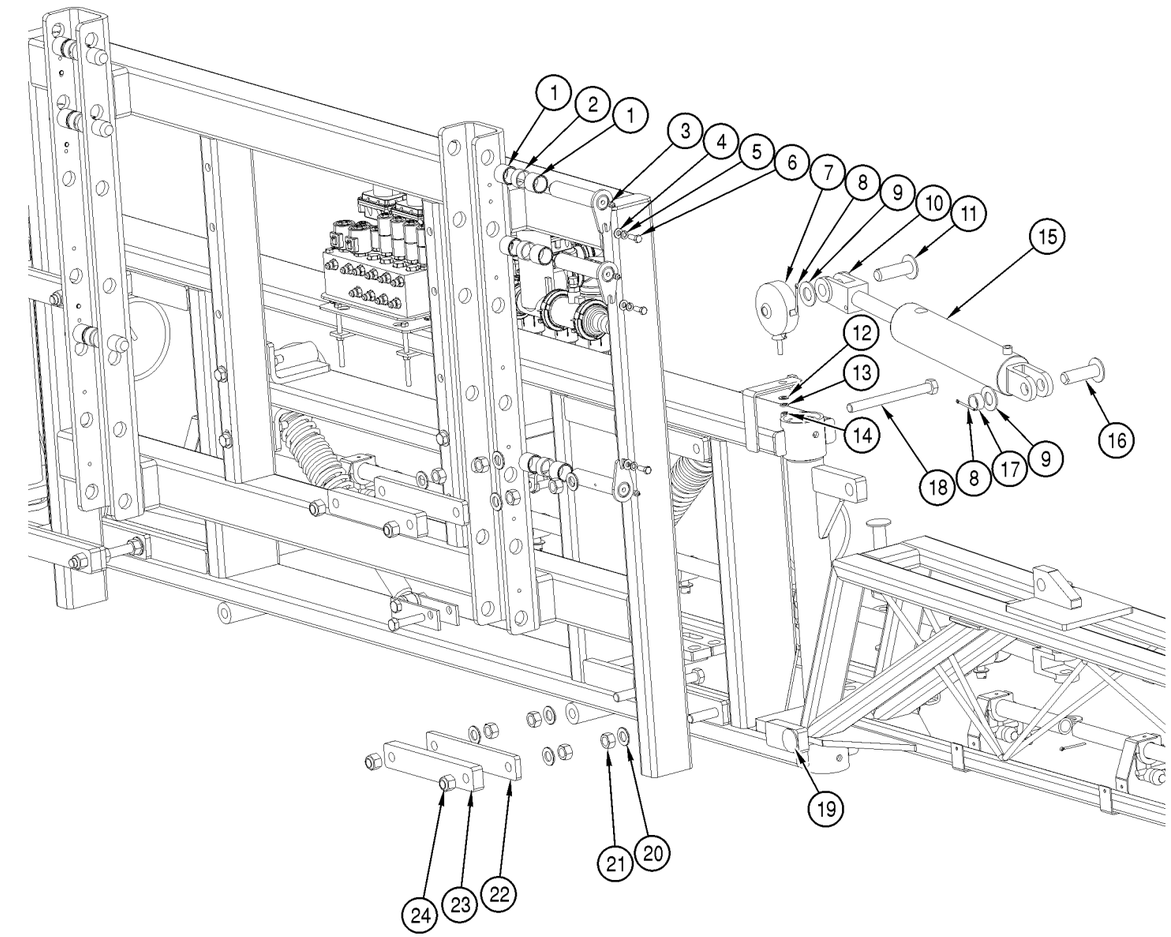
Station 4 Back Rack • AS710, AS1010 & AS1210

Inboard View



Item	Part Number	Qty	Description	Size	Comments
1	601000040	12	Bushing, Bronze		
2	601000041	6	Bushing Spacer, Parallel Arms		
3	601000050	6	Flag Pin		
4	902003200	12	Washer, Flat 3/8		
5	902201090	12	Washer, Lock 3/8-16		
6	900002835	6	Bolt, Hex 3/8-16 x 1 1/2		
7	710000000	2	Lamp Amber/Amber Double Face		
8	600901521	4	Pin, Cotter		
9	902003080	2	Washer, Flat 1		
10	600901523	2	Clevis,3 x 10 Cylinder		
11	600901520	2	Pin, Cylinder 1” x 3 1/2 Rod end		
12	902003045	4	Washer, Flat 3/8 ZP		
13	902201090	4	Washer, Lock 3/8 ZP		
14	901003020	2	Nut, Nylock 3/8-16		
15	600901509	2	Cylinder, 3 x 10 Boom Tilt Single Acting		
16	600901519	2	Pin, Cylinder 1” x 3” Barrel end		
17	600901244	2	Spacer, Boom Pin		
18	900008167	8	Bolt,3/4-16 x 8		
19	600901083	2	Pin, Boom, Main Boom to Center		
20	902003070	16	Washer, Flat 3/4” ZP		
21	901000575	16	Nut, 3/4-16 ZP		
22	600901020	4	Wear Pad, Nylon		
23	600901030	4	Mount Plate		
24	901003075	8	Nut, Nylock 3/4-16 ZP		

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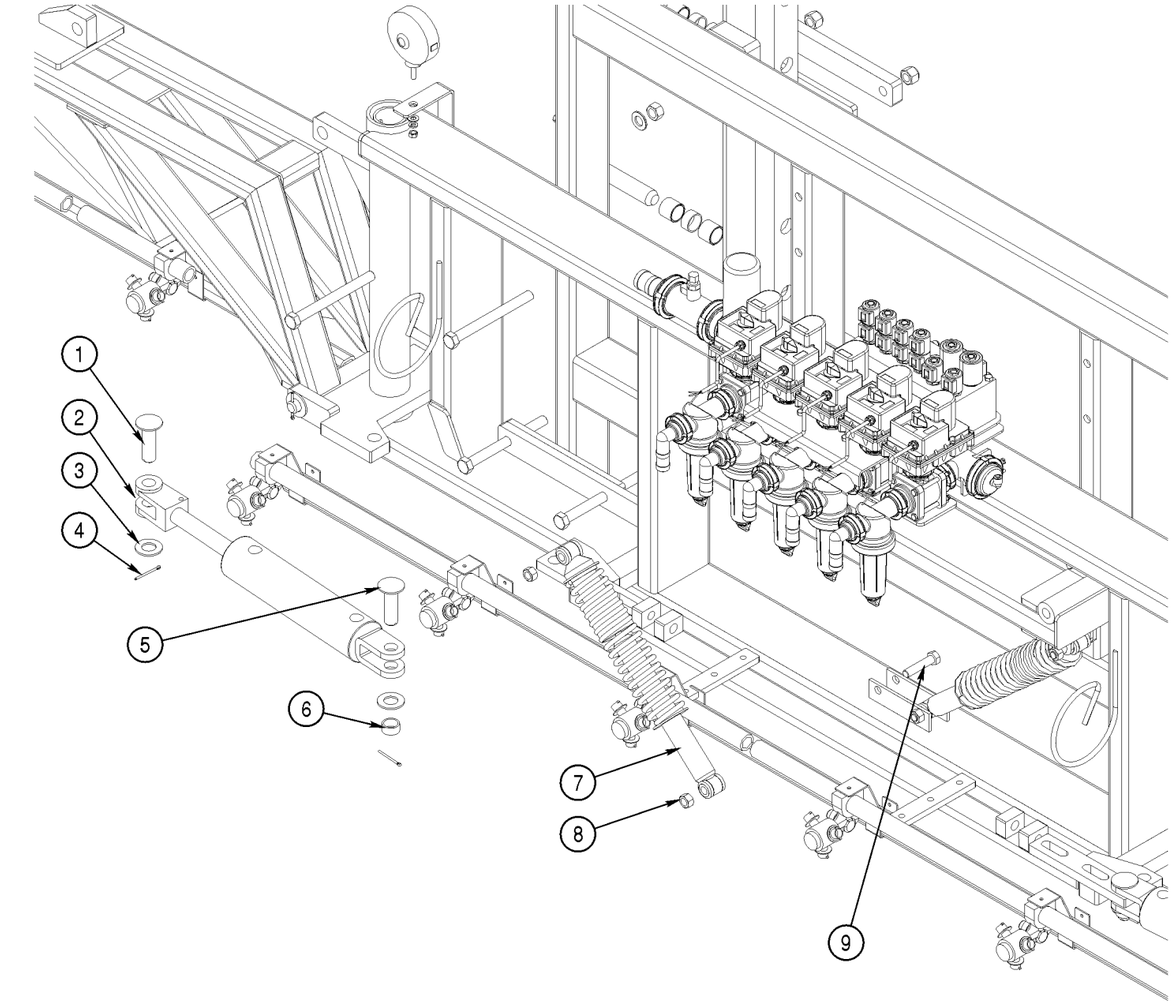
Station 4 Back Rack • AS710, AS1010 & AS1210

Detail View



Item	Part Number	Qty	Description	Size	Comments
1	600901520	2	Pin, Cylinder 1” X 3 1/2” Rod end		Included with # 2
2	600901510	2	Cylinder, 3 X 10 Boom Fold		Fitting used qty 2 # 800303022, 04’ & older machines will need orifice fitting qty 2 #800404214, Seal kit #600901515
3	902003080	4	Washer, Flat 1		”"
4	600901521	4	Cotter Pin for Cyl. Pins # 1 & # 5		
5	600901519	2	Pin, Cylinder 1” X 3” Barrel end		Included with # 2
6	600901244	2	Spacer, Boom Pin		"
7	600901251	2	Shock, Boom		"
8	901003060	4	Nut, Nylock 5/8-11 ZP		"
9	900003695	4	Bolt, 5/8-11 X 3” G5 ZP		"

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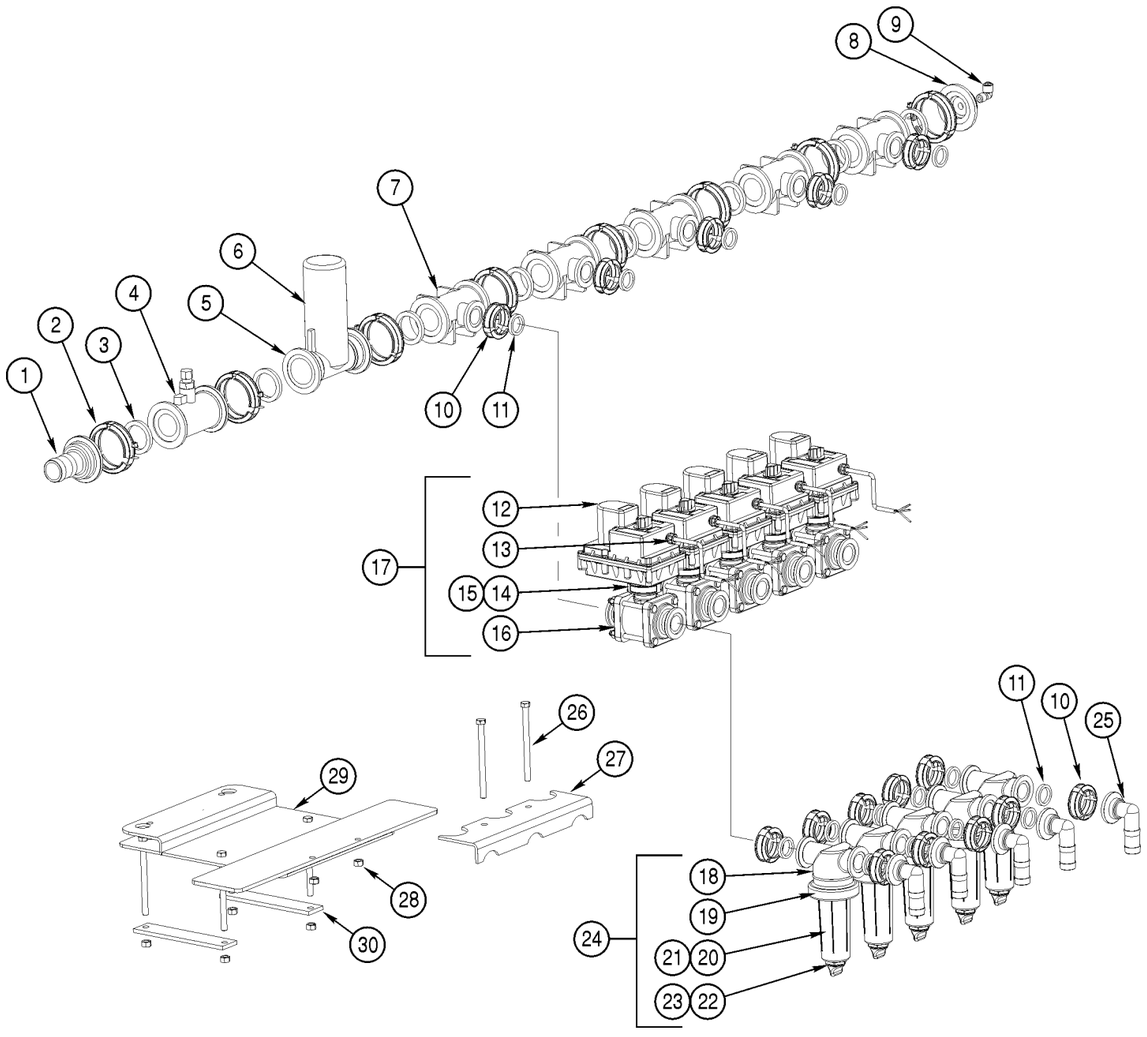
Valve Block • AS710, AS1010 & AS1210

Valve Block
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	640100018	1	Fitting, Banjo 2” flange 1 1/2 hose		
2	640100014	8	Gasket, Banjo clamp 2” std port		
3	640100013	8	Clamp, 1 1/2 ” Banjo		
4	611000052	1	Flow Meter with sensor		High Flow, Flow Meter 2” 611000072"
5	611000063	1	Cover, Servo Valve		
6	611000053	1	Servo Valve		High Flow Control Valve 2” SS 611000071"
7	640100083	5	Flange Tee, Banjo 2” std X 2” std X 1” std		
8	640100038	1	Plug, Access Banjo 2 X 1/4” NPT		
9	640020000	1	Fitting, 1/4” Popit 90 Deg Pressure		
10	640100015	15	Clamp, Banjo		
11	640100016	15	Gasket, Banjo clamp		
12	660000361	1	Electric Motor, Banjo Valve		Top half of 660000360
13	660000360	1	Stem, Load Banjo electric valve		Stem for 660000360
14	660000364	1	O-ring, Banjo between motor & valve		O-ring for 660000360
15	640100015	1	Clamp, Banjo 1”		Clamp on 660000360
16	660000362	1	Ball Valve, Banjo		Bottom half of 660000360
17	660000360	5	Valve Assembly, Banjo		Used after 5-25-03
18	640100107	1	Head, Banjo Strainer 1”		Head for 640100057
19	640100102	1	O-ring, Banjo Strainer		Large O-ring for 6401000579 (body & bowl)
20	640003021	1	Element, Banjo Strainer 1”		Flanged style, Element 50 Mesh"
21	640100103	1	Bowl Strainer, Banjo		Bowl includes drain plug & small o-ring
22	640100104	1	O-ring, Banjo Strainer plug		Small o-ring for 640100057 (bowl & plug)
23	640100105	1	Plug, Banjo Strainer		Plug for 640100057
24	640100057	5	Strainer Assembly 1”		
25	640100023	5	Fitting, Banjo 1”HB x 1” flange 90 1		
26	900000490	6	Bolt, 3/8-16 X 5		
27	690001503	1	Bracket, Boom Valve clamping flange		
28	901100725	6	Nut, 3/8-16 G5 ZP		
29	690001502	1	Bracket, Boom Valve		
30	100400356	2	Plate Backing, Boom Valve		

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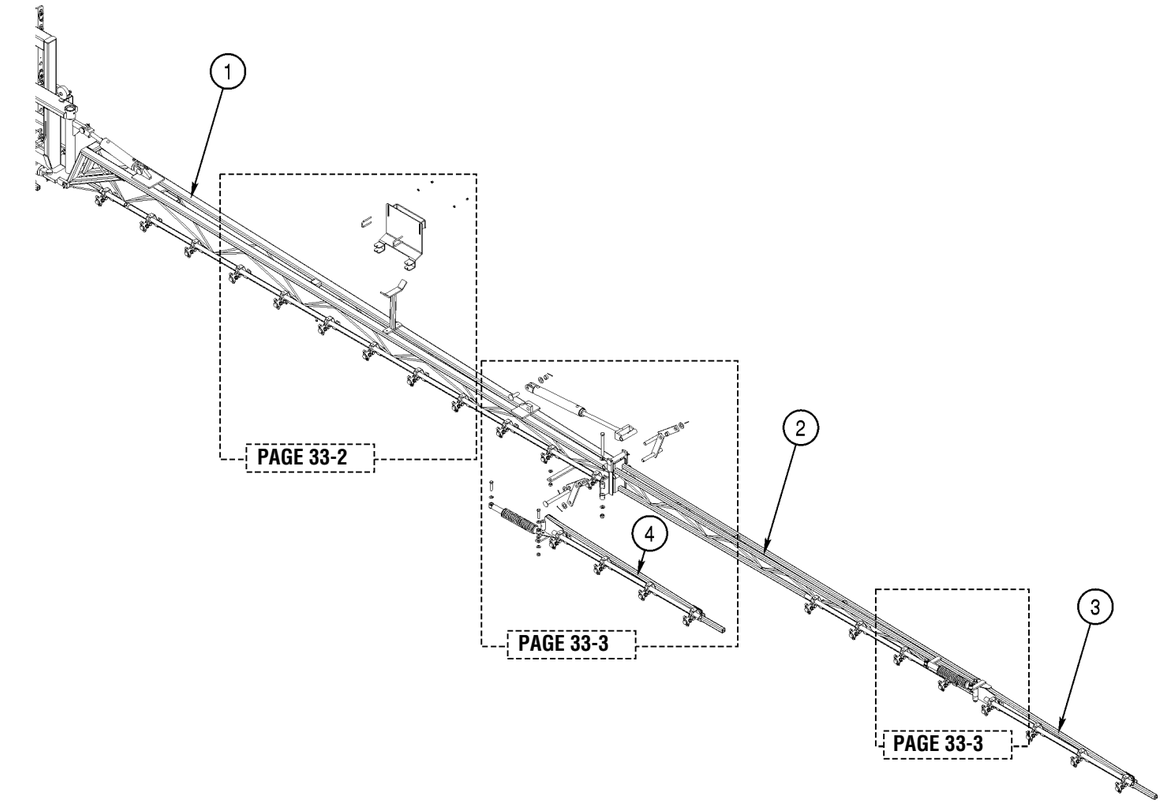
Boom Wing Assembly
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1A	600901161	1	Inner Boom, R/H 4 Point Hitch		60/80/90’
1B	600901185	1	Inner Boom, L/H 4 Point Hitch		60/80/90’
1C	600901197		Inner Boom, L/H 100’		
1D	600901198		Inner Boom, R/H 100’		
2A	600901168		Intermediate section, R/H 80’		Same as 60/80’
2B	600901169		Intermediate section, L/H 80’		Same as 60/80’
2C	600901170	1	Intermediate section, R/H 90’	150’ long	Same as 60/90’
2D	600901171	1	Intermediate section, L/H 90	150’ long	Same as 60/90’
2E	600901196		Intermediate section, R/H 100’		
2F	600901195		Intermediate section, L/H 100’		
3A	600901184		Breakaway, R/H		All 100’ booms & first breakaway on 66/90’
3B	600901183		Breakaway, L/H		All 100’ booms & first breakaway on 66/90’
3C	600901370	1	Breakaway, R/H 60/90’		
3D	600901371	1	Breakaway, L/H 60/90’		
4A	600901373	1	Breakaway, R/H 60’ section		60/80/90’
4B	600901372	1	Breakaway, L/H 60’ section		60/80/90’

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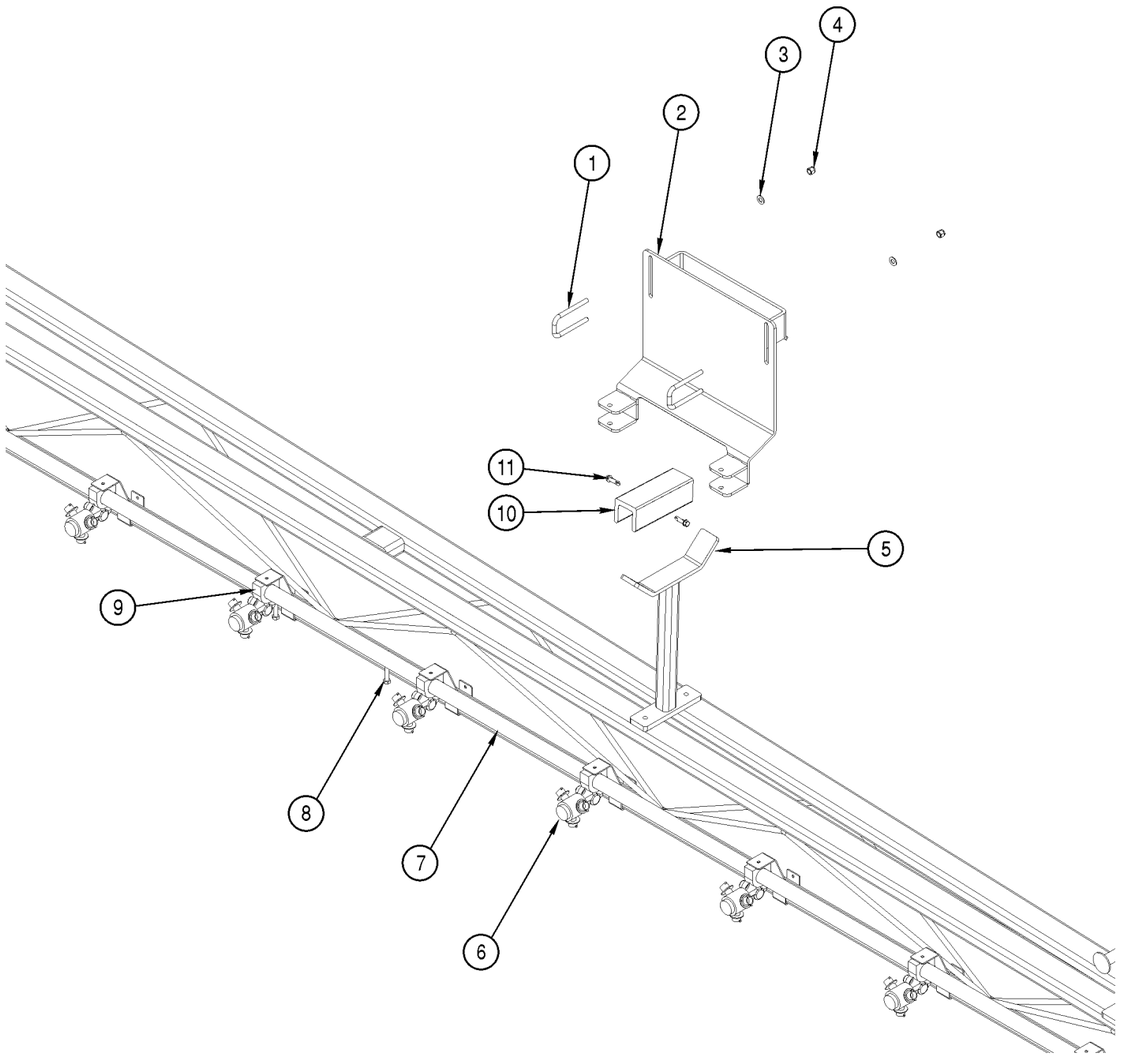
Boom Wing Brackets



Item	Part Number	Qty	Description	Size	Comments
1	620000854	2	U-bolt		
2	620000860	1	Boom Clamp Weldment		
3	902003045	4	Washer, Flat 3/8”		
4	901003020	6	Nut, Nylock 3/8-16 ZP		
5	600901190	1	Boom Rest		
6	610000151	as required	Nozzle Body, Triple Outlet 1” Pipe		Nozzle Body, Five Way 1” Pipe 610000155
7	RM800860	as required	Pipe, Black 1” Polypropylene		
8	900000450	2	Bolt, Hex 3/8-16 X 3”		Uses Nut, Nylock P/N 901003020 3/8-16 ZP
9A	600000160	as required	Bracket, Nozzle Body Standard		
9B	600000161	as required	Bracket, Nozzle Body Left Offset		
9C	600000162	as required	Bracket, Nozzle Body Right Offset		
9D	600000163	as required	Bracket, Nozzle Body Extended Offset Left		
9E	600000164	as required	Bracket, Nozzle Body Extended Offset Right		
9F	600000165	as required	Bracket, Nozzle Body Extended Zero Offset		
10	600901032	1	Rubber bumper, boom rest		
11	915001301	2	Screw, Self Tap 12 x 3/4 Hex		
	900031810	as required	Bolt, Carriage 1/4-20 X 2 1/4”		Bolt, nozzle bracket to boom, not shown
	901003000	as required	Nut, Nylock 1/4-20		Nut, nozzle bracket to boom, not shown
	902003035	as required	Washer, Flat 1/4”		Washer, nozzle bracket to boom, not shown
	902003040	as required	Washer, Flat 5/16”		Washer, nozzle body to bracket, not shown
	900002610	as required	Bolt, Hex 5/16-18 X 1” G5		Bolt, nozzle body to bracket, not shown
	901003010	as required	Nut, Nylock 5/16-18”		Nut, nozzle body to bracket, not shown

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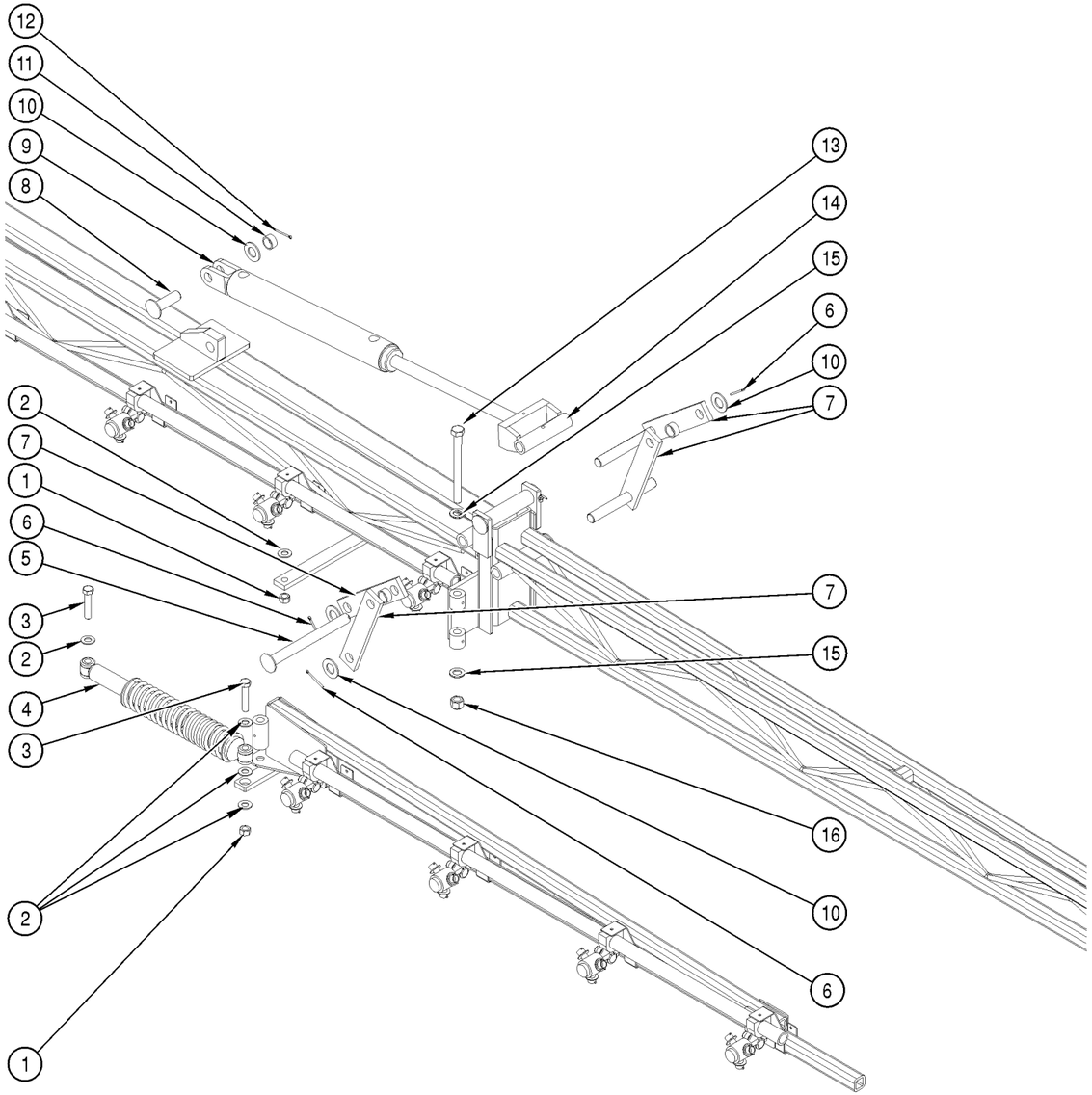
Boom Wing Breakaway



Item	Part Number	Qty	Description	Size	Comments
1	901000003	2	Nut, Nylock 9/16-12 ZP		
2	902201126	5	Washer, Flat 9/16 ZP		
3	900004008	2	Bolt, Hex 9/16-12 x 3 1/2 G5 ZP		
4	600901251	1	Shock, Boom		Breakaway only
5	600901260	1	Pin, Boom 1” OD x 10 1/2		
6	600901241	6	Cotter Pin, 5/32 OD x 2” long		
7	600901230	4	Linkage Arm		
8	600901520	1	Pin, Boom 1” OD x 3 1/2“		
9	600901511	1	Cylinder, Tip 2.5 x 16”		Seal Kit 600901516,Fitting # 800303022
9A	600901508	1	Cylinder, Tip 3 x 16 welded		100’ Boom only, Seal Kit # 600901507
10	902003080	6	Washer, Flat 1”		
11	600901244	3	Spacer, Boom Pin		
12	600901521	6	Cotter Pin		
13	900004005	1	Bolt, Hex 3/4-10 x 8” G5 ZP		
14	600901205	1	Clevis, Tip Cylinder		
15	902030070	2	Washer, Flat 3/4 ZP		
16	901003074	1	Nut, Nylock 3/4-10”		

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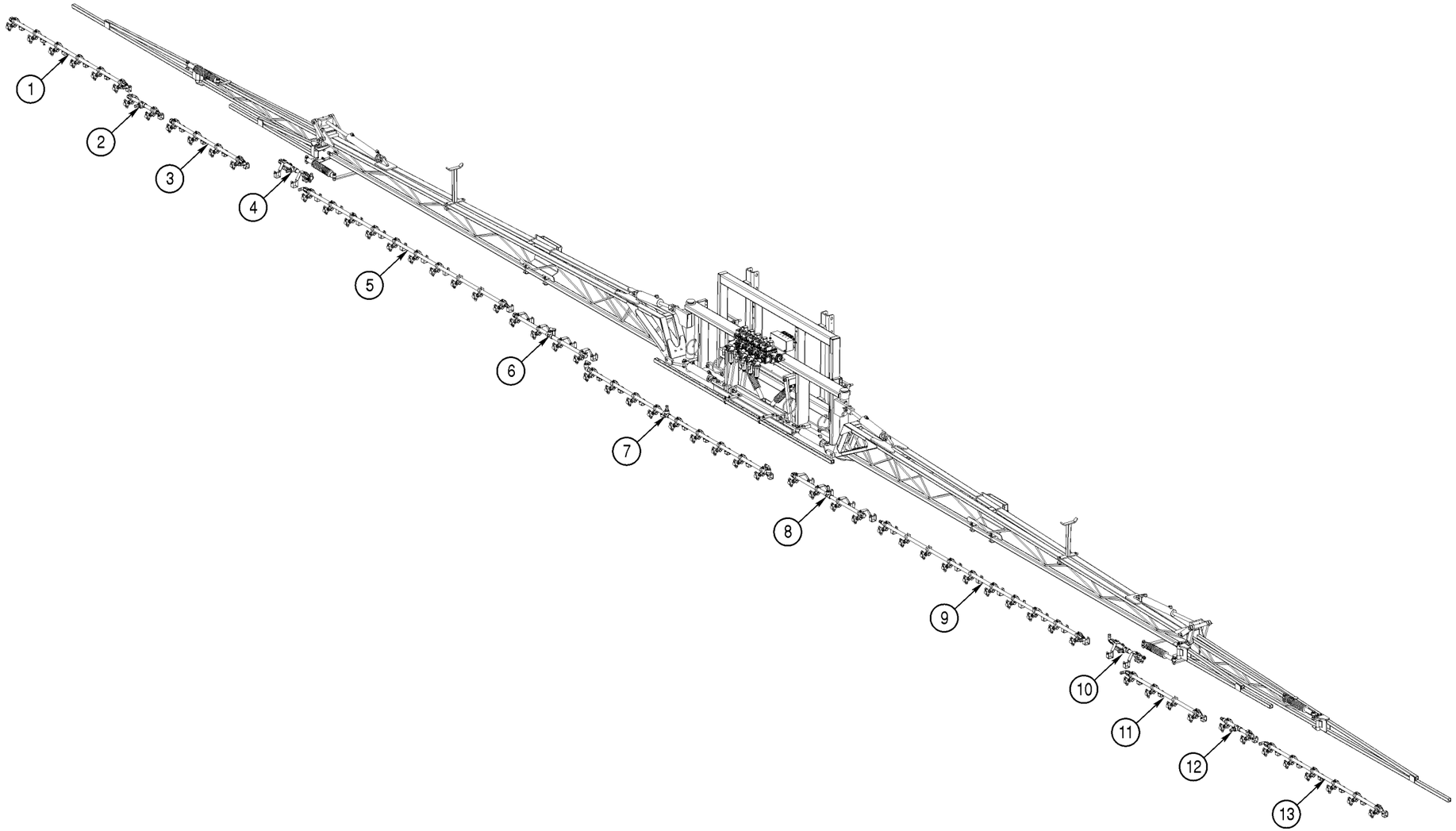
Station 4 Boom Plumbing • 5 Section Valve Block

Boom Plumbing
5 Section Valve Block

60’-80’ & Straight 80’ Boom (nozzle spacing 15” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001197	1	Spray Bar, Inter 15 RS 15 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Brkwy 15 RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001189	1	Spray Bar, Inner 15 RS 15 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
7	690001752	1	Spray Bar, Center 15 RS 120 LNG		Does not include nozzle body brackets & nozzle bodies
8	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
10	690001188	1	Spray Bar, Inner 15 RS 15 LNG RH		Does not include nozzle body brackets & nozzle bodies
11	690000190	1	Spray Bar, Brkwy 15 RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
12	690001196	1	Spray Bar, Inter 15 RS 15 LNG RH		Does not include nozzle body brackets & nozzle bodies
13	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001771	1	Boom Plumbing, Assy 60/80 15 RS		Includes 1 each of Items 1 - 13

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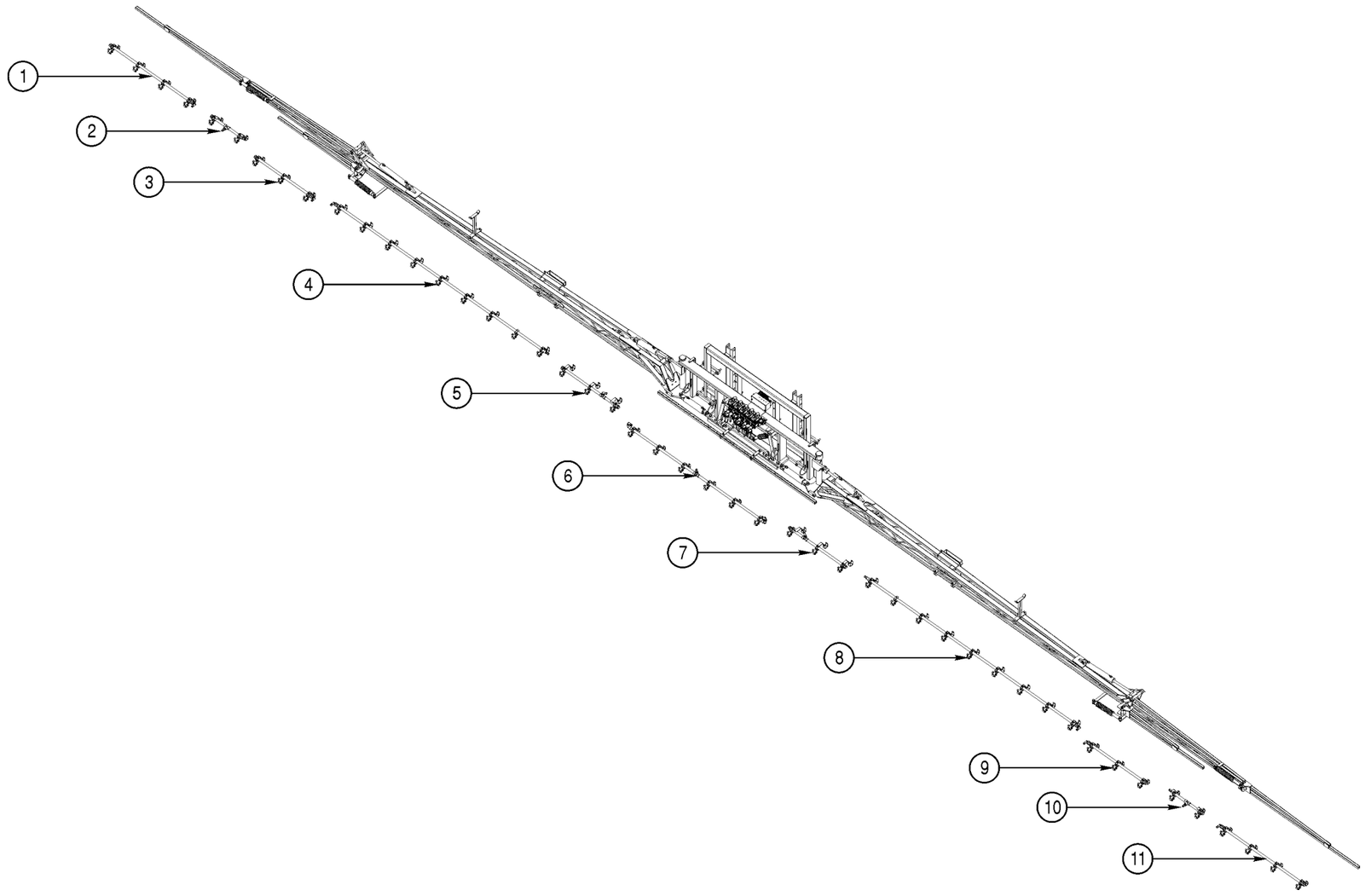
Boom Plumbing • 5 Section Valve Block

60’-80’ & Straight 80’ Boom (nozzle spacing 20” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001766	1	Spray Bar, Inter 20 RS 20 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001758	1	Spray Bar, Inner 20 RS 160 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG		Does not include nozzle body brackets & nozzle bodies
7	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
8	690001756	1	Spray Bar, Inner 20 RS 160 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001765	1	Spray Bar, Inter 20 RS 20 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
11	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001768	1	Boom Plumbing, Assy 60/80 20 RS		Includes 1 each of Items 1 - 11

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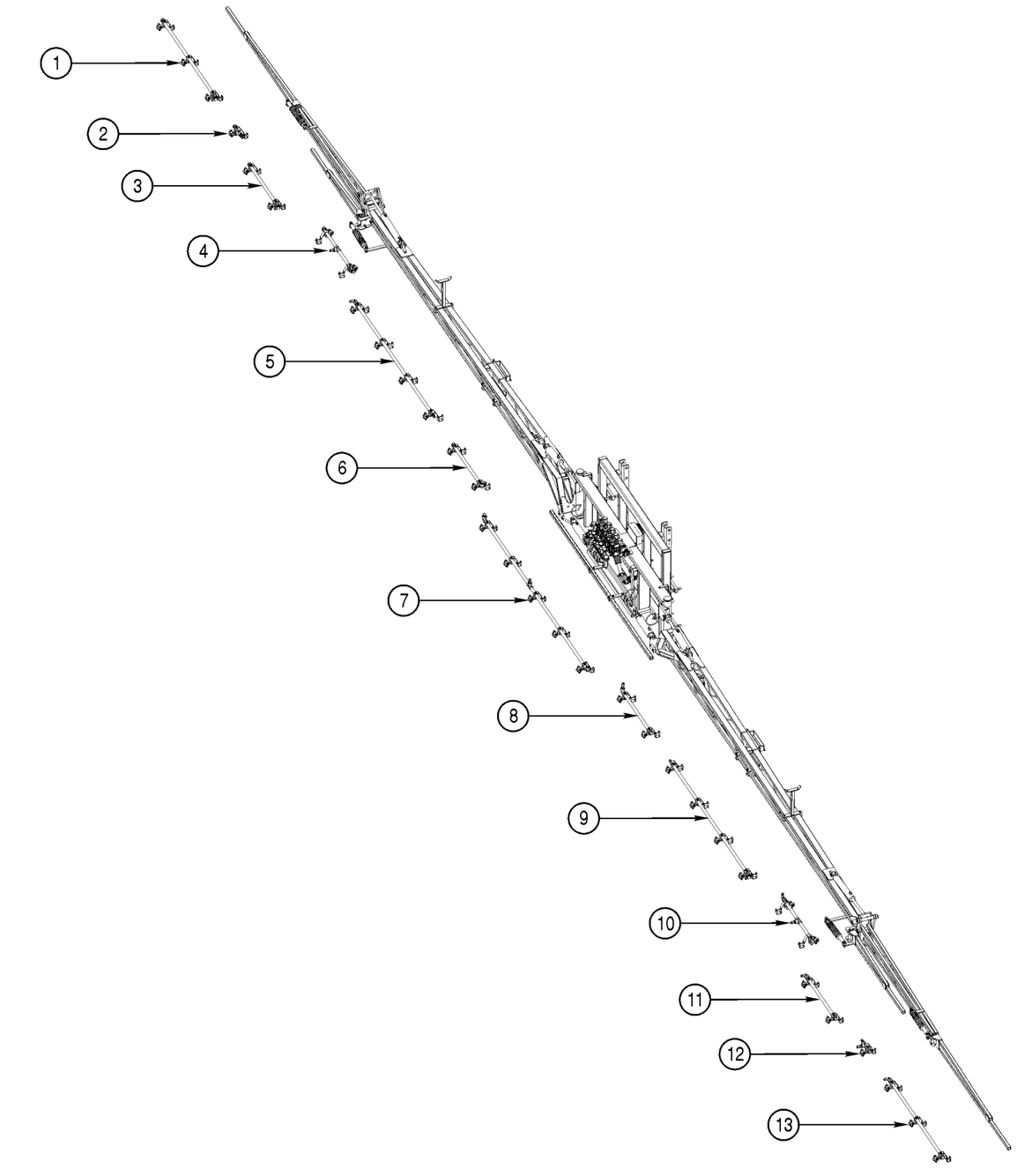
Station 4 Boom Plumbing • 5 Section Valve Block

60’-80’ & Straight 80’ Boom (nozzle spacing 30” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001215	1	Spray Bar, Inter 30 RS 1 Nozzle LH		Does not include nozzle body brackets & nozzle bodies
3	690001209	1	Spray Bar, Brkwy 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001207	1	Spray Bar, Inner 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001205	1	Spray Bar, Inner 30 RS 90 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
7	690001754	1	Spray Bar, Center 30 RS 120 LNG		Does not include nozzle body brackets & nozzle bodies
8	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001203	1	Spray Bar, Inner 30 RS 90 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001206	1	Spray Bar, Inner 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies
11	690001208	1	Spray Bar, Brkwy 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies
12	690001214	1	Spray Bar, Inter 30 RS 1 Nozzle RH		Does not include nozzle body brackets & nozzle bodies
13	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001774	1	Boom Plumbing, Assy 60/80 30 RS		Includes 1 each of Items 1 - 13

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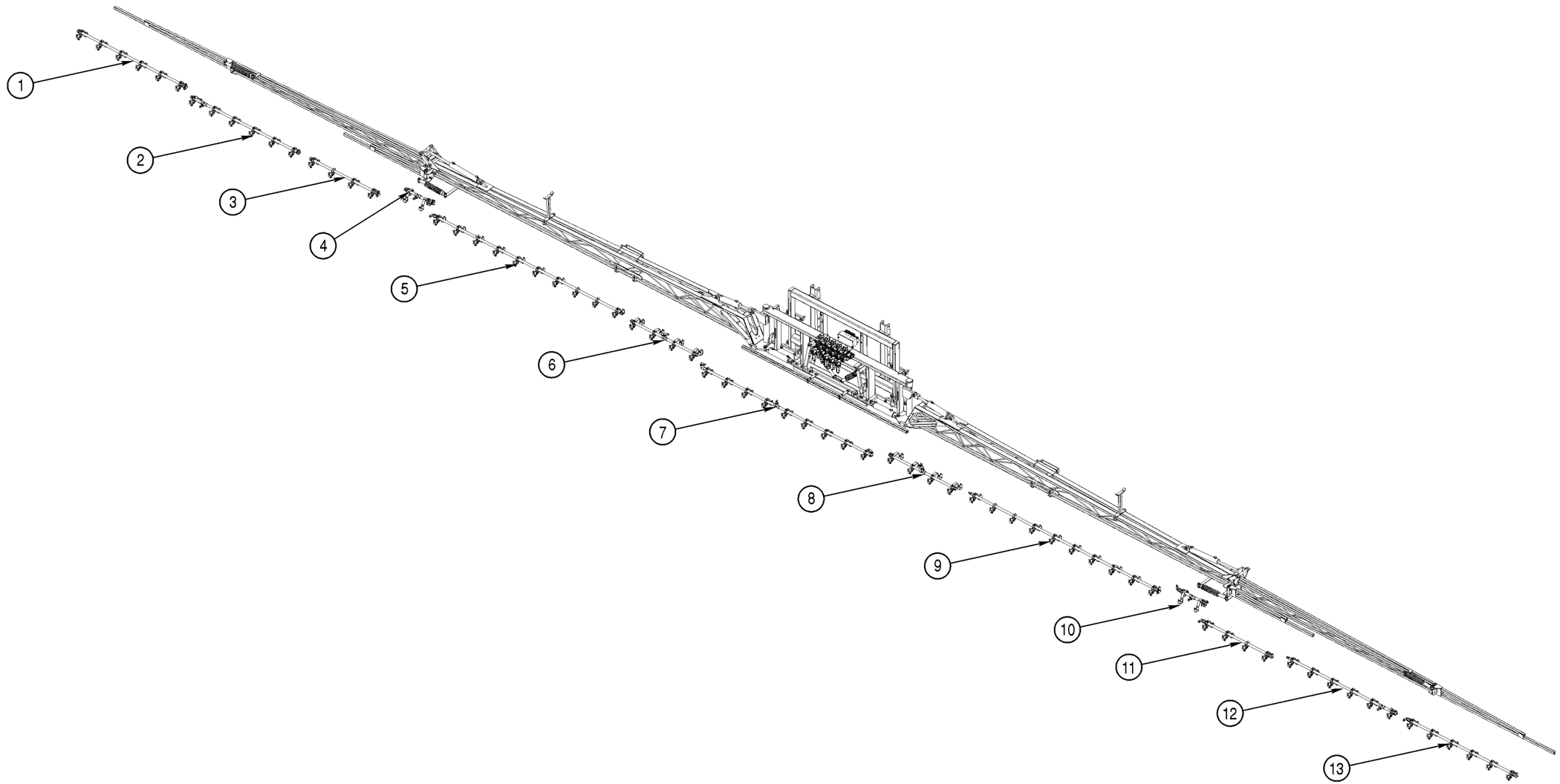
Station 4 Boom Plumbing • 5 Section Valve Block

60’-90’ & Straight 90’ Boom (nozzle spacing 15” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001193	1	Spray Bar, Inter 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Brkwy 15 RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001189	1	Spray Bar, Inner 15 RS 15 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
7	690001752	1	Spray Bar, Center 15 RS 120 LNG		Does not include nozzle body brackets & nozzle bodies
8	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001188	1	Spray Bar, Inner 15 RS 15 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
11	690001190	1	Spray Bar, Brkwy 15 RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
12	690001192	1	Spray Bar, Inter 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies
13	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001770	1	Boom Plumbing, Assy 60/90 15 RS		Includes 1 each of Items 1 - 13

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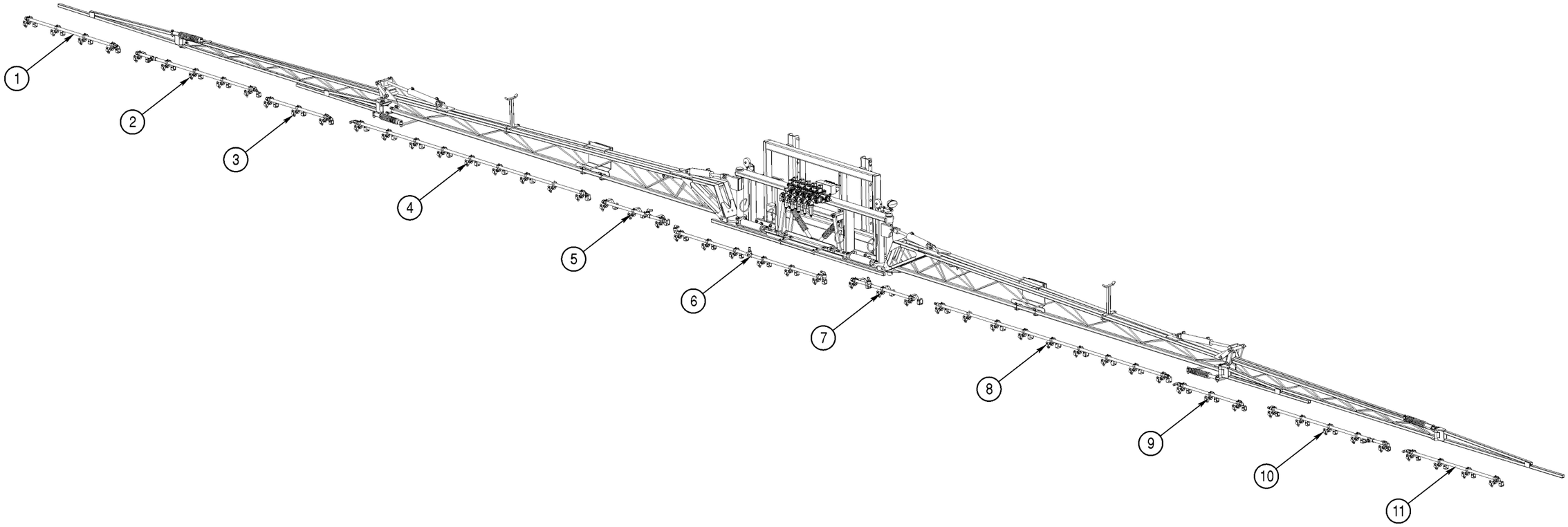
Boom Plumbing • 5 Section Valve Block

60’-90’ & Straight 90’ Boom (nozzle spacing 20” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001758	1	Spray Bar, Inner 20 RS 160 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG		Does not include nozzle body brackets & nozzle bodies
7	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
8	690001756	1	Spray Bar, Inner 20 RS 160 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001761	1	Spray Bar, Inter 20 RS 80 LNG RH		Does not include nozzle body brackets & nozzle bodies
11	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001767	1	Boom Plumbing, Assy 60/90 20 RS		Includes 1 each of Items 1 - 11

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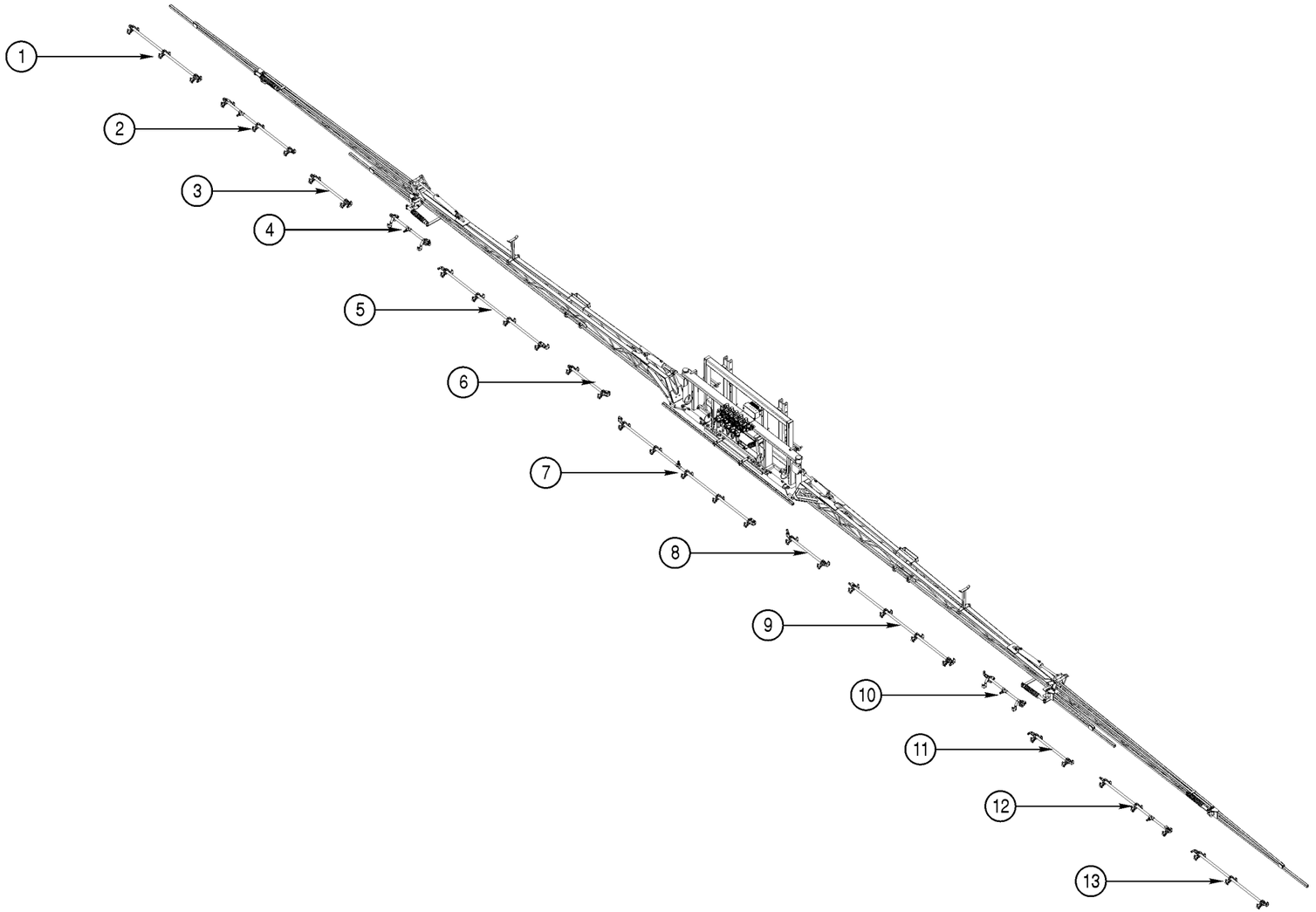
Station 4 Boom Plumbing • 5 Section Valve Block

60’-90’ & Straight 90’ Boom (nozzle spacing 30” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001211	1	Spray Bar, Inter 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001209	1	Spray Bar, Brkwy 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001207	1	Spray Bar, Inner 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001205	1	Spray Bar, Inner 30 RS 90 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
7	690001754	1	Spray Bar, Center 30 RS 120 LNG		Does not include nozzle body brackets & nozzle bodies
8	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001203	1	Spray Bar, Inner 30 RS 90 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001206	1	Spray Bar, Inner 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
11	690001208	1	Spray Bar, Brkwy 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies
12	690001210	1	Spray Bar, Inter 30 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
13	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001773	1	Boom Plumbing, Assy 60/90 30 RS		Includes 1 each of Items 1 - 13

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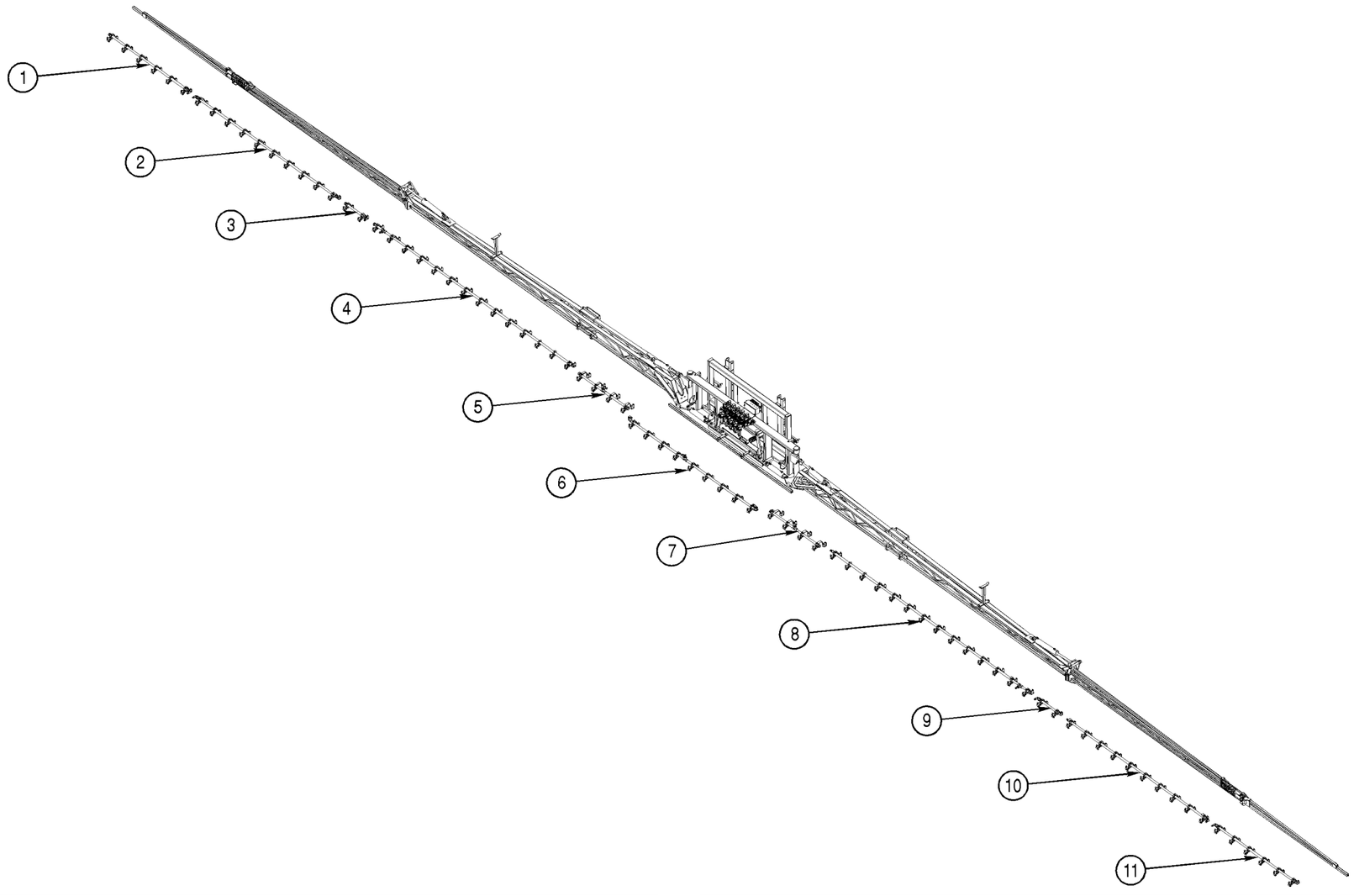
Station 4 Boom Plumbing • 5 Section Valve Block

100’ Boom (nozzle spacing 15” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001201	1	Spray Bar, Inter 15 RS 15 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001199	1	Spray Bar, Inner 15 RS 195 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001752	1	Spray Bar, Center 15 RS 120 LNG		Does not include nozzle body brackets & nozzle bodies
7	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
8	690001198	1	Spray Bar, Inner 15 RS 195 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001200	1	Spray Bar, Inter 15 RS 15 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
11	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001772	1	Boom Plumbing, Assy 100 15 RS		Includes 1 each of Items 1 - 11

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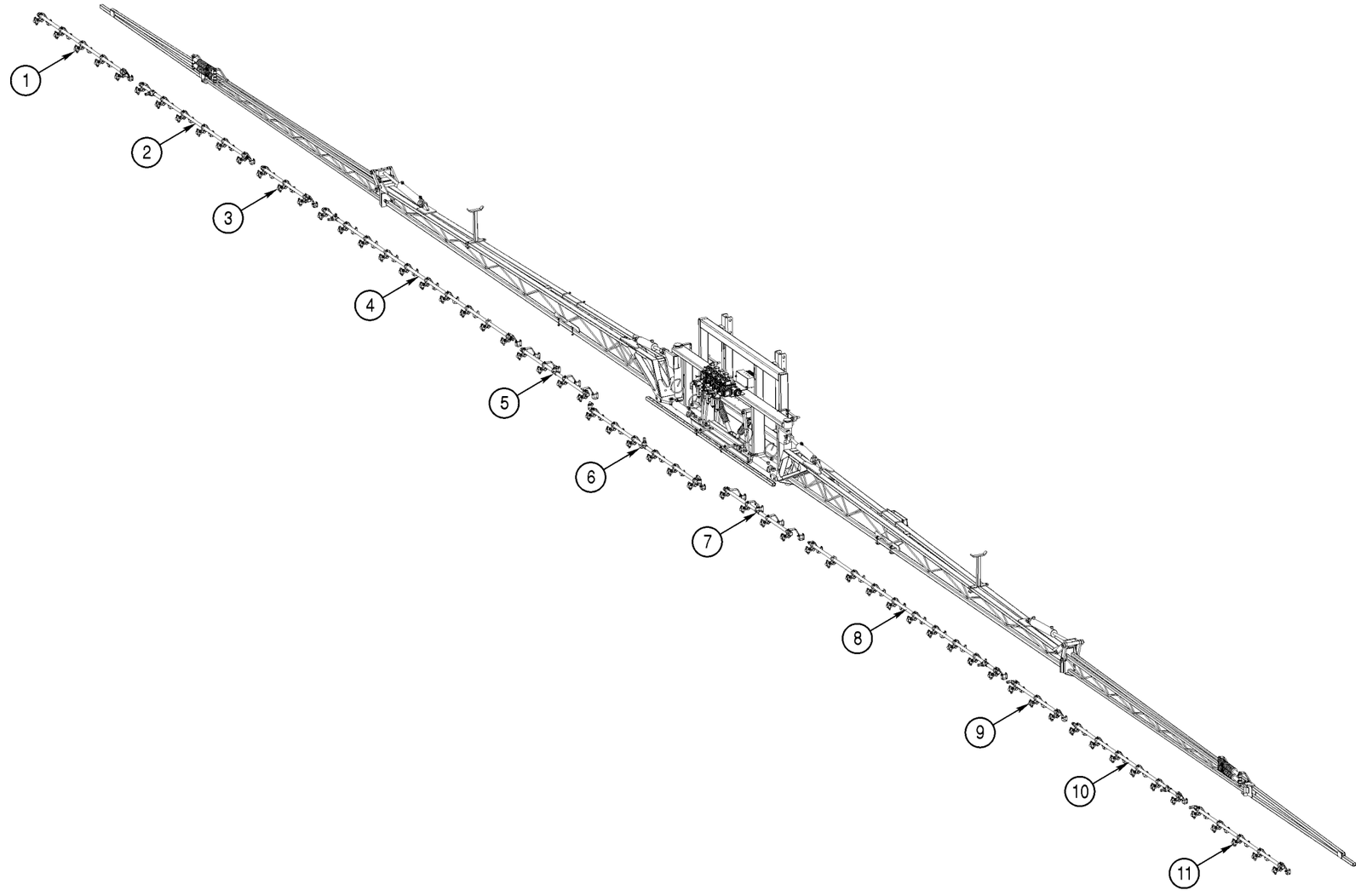
Station 4 Boom Plumbing • 5 Section Valve Block

100’ Boom (nozzle spacing 20” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001185	1	Spray Bar, Brkwy 20 RS 80 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001183	1	Spray Bar, Inter 20 RS 100 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001179	1	Spray Bar, Inner 20 RS 180 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001177	1	Spray Bar, Inner 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG		Does not include nozzle body brackets & nozzle bodies
7	690001176	1	Spray Bar, Inner 20 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
8	690001178	1	Spray Bar, Inner 20 RS 180 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001182	1	Spray Bar, Inter 20 RS 100 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
11	690001184	1	Spray Bar, Brkwy 20 RS 80 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001769	1	Boom Plumbing, Assy 100 20 RS		Includes 1 each of Items 1 - 11

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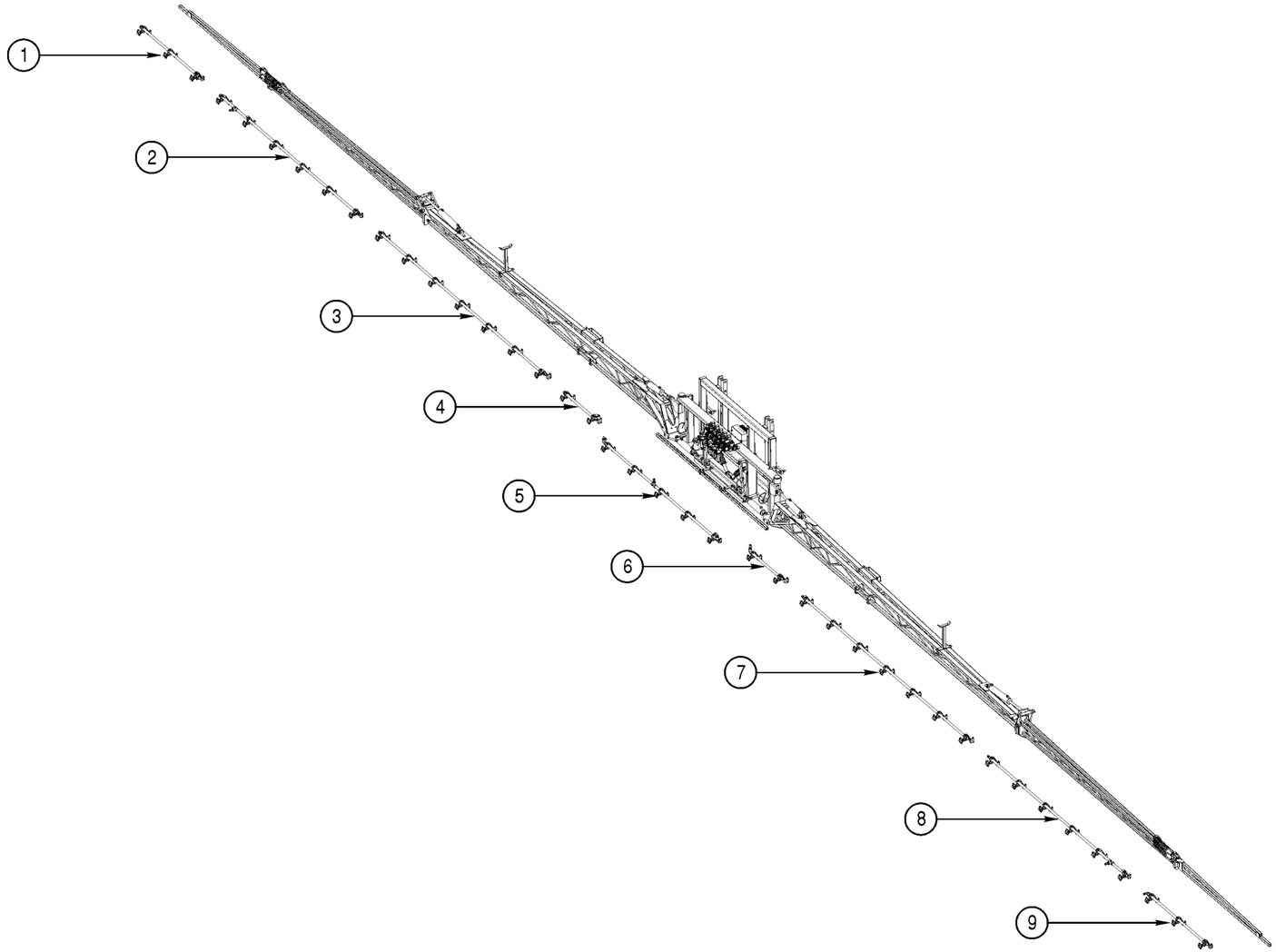
Boom Plumbing • 5 Section Valve Block

100’ Boom (nozzle spacing 30” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001221	1	Spray Bar, Inter 30 RS 150 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001217	1	Spray Bar, Inner 30 RS 120 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001754	1	Spray Bar, Center 30 RS 120 LNG		Does not include nozzle body brackets & nozzle bodies
6	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH		Does not include nozzle body brackets & nozzle bodies
7	690001216	1	Spray Bar, Inner 30 RS 120 LNG RH		Does not include nozzle body brackets & nozzle bodies
8	690001220	1	Spray Bar, Inter 30 RS 150 LNG RH		Does not include nozzle body brackets & nozzle bodies
9	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001775	1	Boom Plumbing, Assy 100 30 RS		Includes 1 each of Items 1 - 9

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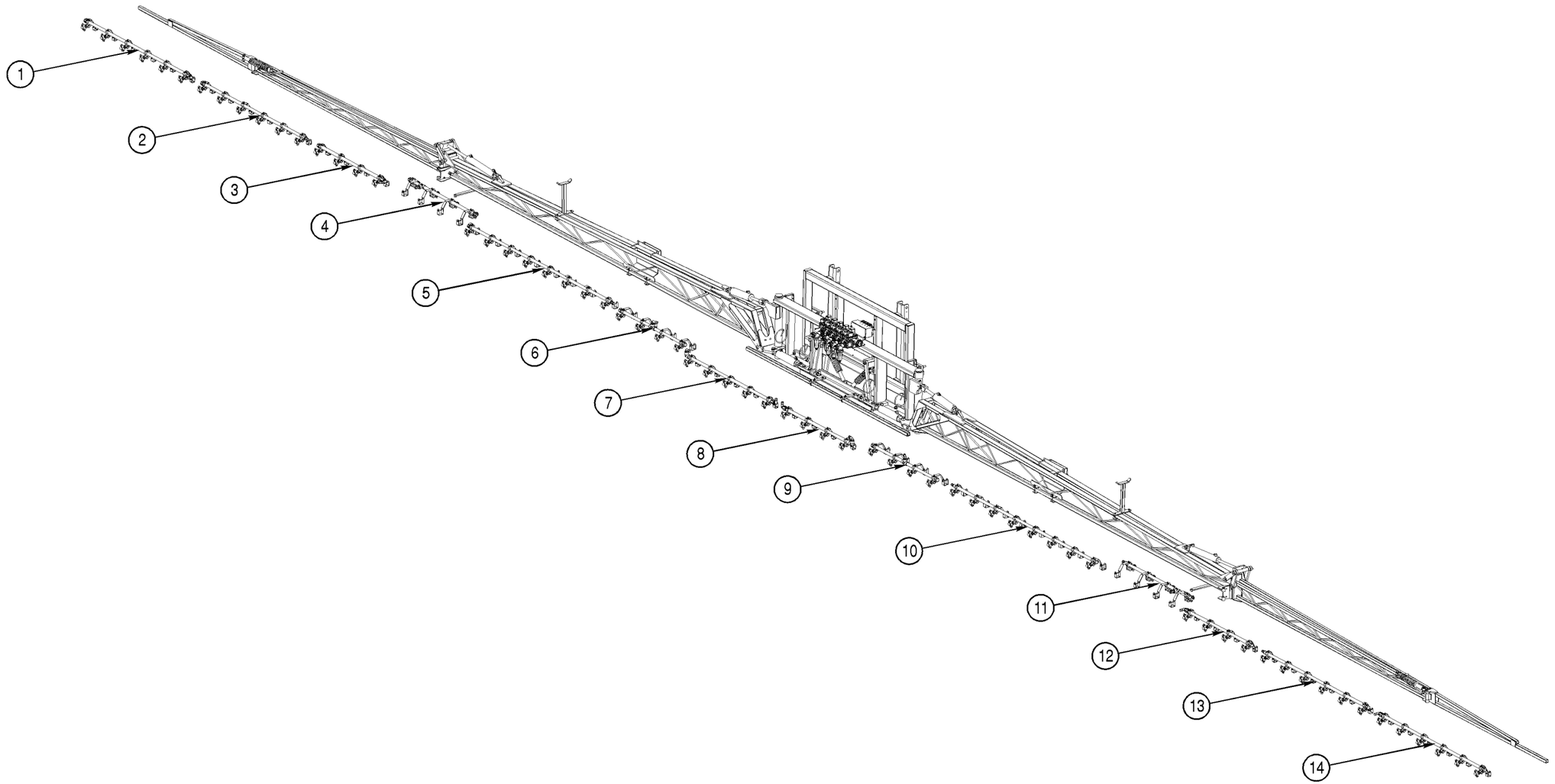
Boom Plumbing • 10 Section Valve Block

10 Section Valve Block

90’ Boom (nozzle spacing 15” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Brky 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001242	1	Spray Bar, Inter 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Brky 15 RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001240	1	Spray Bar, Inner 15RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001238	1	Spray Bar, Inner 15RS 105 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001186	1	Spray Bar, Inner 15RS 45 LNG LH		Does not include nozzle body brackets & nozzle bodies
7	690001236	1	Spray Bar, Center 15 RS 60 LNG		Does not include nozzle body brackets & nozzle bodies
8	690001235	1	Spray Bar, Center 15 RS 45 LNG		Does not include nozzle body brackets & nozzle bodies
9	690001180	1	Spray Bar, Inner 15RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001237	1	Spray Bar, Inner 15RS 105 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
11	690001239	1	Spray Bar, Inner 15RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
12	690001190	1	Spray Bar, Brky 15 RS 45 LNG RH		Does not include nozzle body brackets & nozzle bodies
13	690001241	1	Spray Bar, Inter 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies
14	690001194	1	Spray Bar, Brky 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001828	1	Boom Plumbing Assy 90 15RS 10 Sec.		Includes 1 each of Items 1-13

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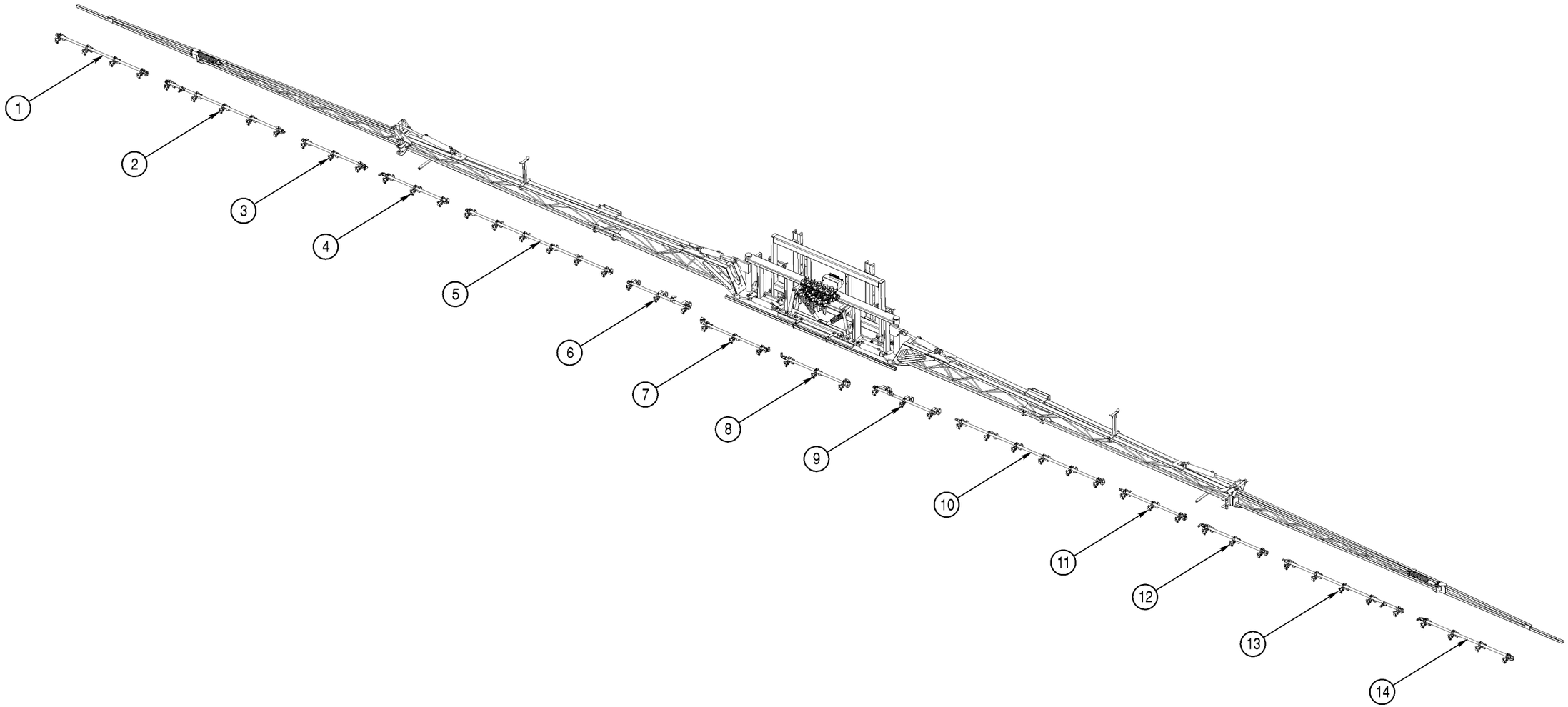
Boom Plumbing • 10 Section Valve Block

90’ Boom (nozzle spacing 20” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
4	690001231	1	Spray Bar, Inner 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001223	1	Spray Bar, Inner /Int 20 RS 100 LH		Does not include nozzle body brackets & nozzle bodies
6	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH		Does not include nozzle body brackets & nozzle bodies
7	690001228	1	Spray Bar, Center 20 RS 40 LNG		Does not include nozzle body brackets & nozzle bodies
8	690001229	1	Spray Bar, Center 20 RS 40 LNG		Does not include nozzle body brackets & nozzle bodies
9	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
10	690001222	1	Spray Bar, Inner /Int 20 RS 100 RH		Does not include nozzle body brackets & nozzle bodies
11	690001230	1	Spray Bar, Inner 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies
12	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
13	690001761	1	Spray Bar, Inter 20 RS 80 LNG		Does not include nozzle body brackets & nozzle bodies
14	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001826	1	Boom Plumbing, Assy 90 20 RS 10 Sec.		Includes 1 each of Items 1 - 14

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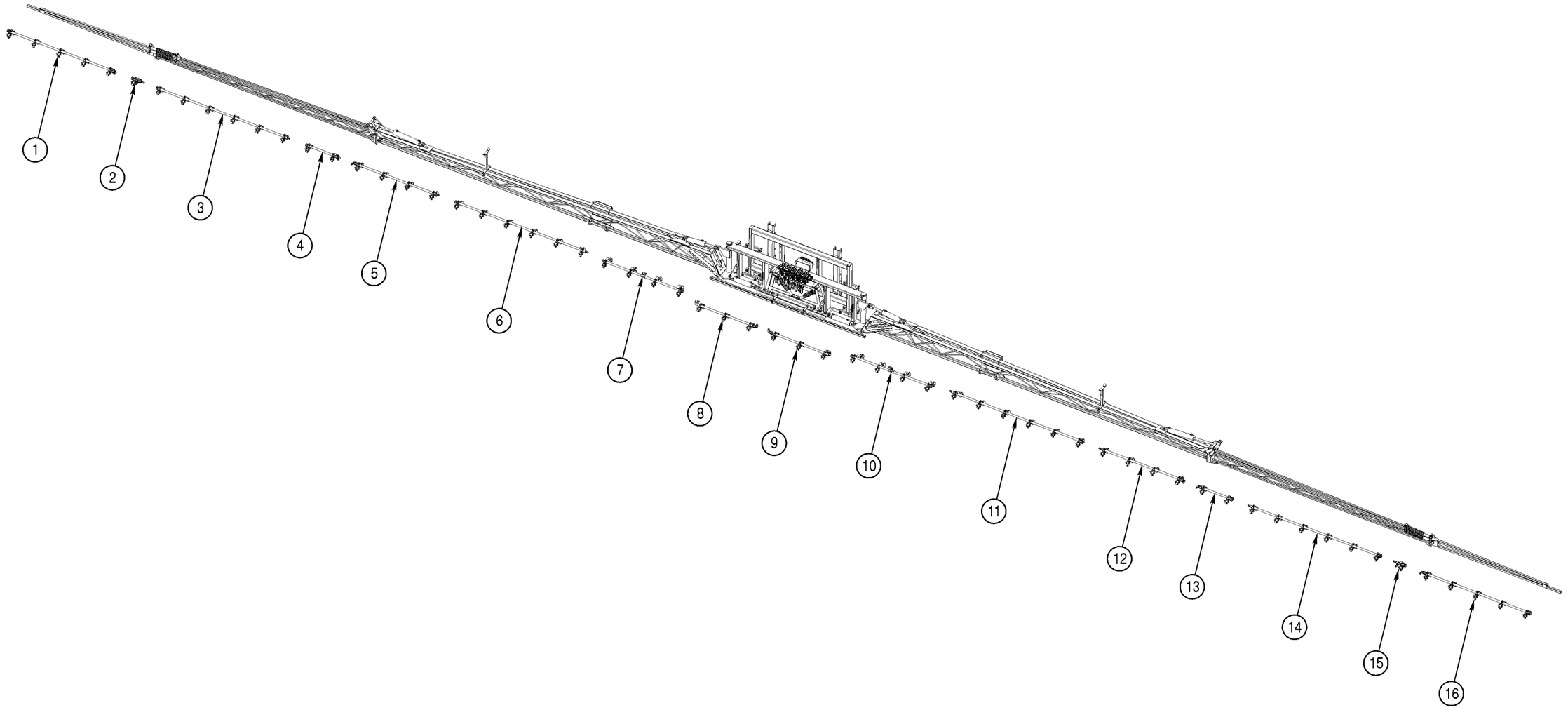
Boom Plumbing • 10 Section Valve Block

100’ Boom (nozzle spacing 20” on center)



Item	Part Number	Qty	Description	Size	Comments
1	690001185	1	Spray Bar, Brkwy 20 RS 80 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001215	1	Spray Bar, Inter 20 RS 1 Nozzle LH		Does not include nozzle body brackets & nozzle bodies
3	690001223	1	Spray Bar, Inner/Int 20 RS 100 LH		Does not include nozzle body brackets & nozzle bodies
4	690001227	1	Spray Bar, Int 20 RS 20 LNG LH		Does not include nozzle body brackets & nozzle bodies
5	690001225	1	Spray Bar, Inner 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
6	690001223	1	Spray Bar, Inner/Int 20 RS 100 LH		Does not include nozzle body brackets & nozzle bodies
7	690001177	1	Spray Bar, Inner 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
8	690001228	1	Spray Bar, Center 20 RS 40 LNG		Does not include nozzle body brackets & nozzle bodies
9	690001229	1	Spray Bar, Center 20 RS 40 LNG		Does not include nozzle body brackets & nozzle bodies
10	690001176	1	Spray Bar, Inner 20 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
11	690001222	1	Spray Bar, Inner/Int 20 RS 100 RH		Does not include nozzle body brackets & nozzle bodies

Item	Part Number	Qty	Description	Size	Comments
12	690001224	1	Spray Bar, Inner 20 RS 60 LNG RH		Does not include nozzle body brackets & nozzle bodies
13	690001226	1	Spray Bar, Int 20 RS 20 LNG RH		Does not include nozzle body brackets & nozzle bodies
14	690001222	1	Spray Bar, Inner/Int 20 RS 100 RH		Does not include nozzle body brackets & nozzle bodies
15	690001214	1	Spray Bar, Inter 20 RS 1 Nozzle RH		Does not include nozzle body brackets & nozzle bodies
16	690001184	1	Spray Bar, Brkwy 20 RS 80 LNG RH		Does not include nozzle body brackets & nozzle bodies
	690001825	1	Boom Plumbing, Assy 100 20 RS 10 Sec.		Includes 1 each of Items 1 - 16

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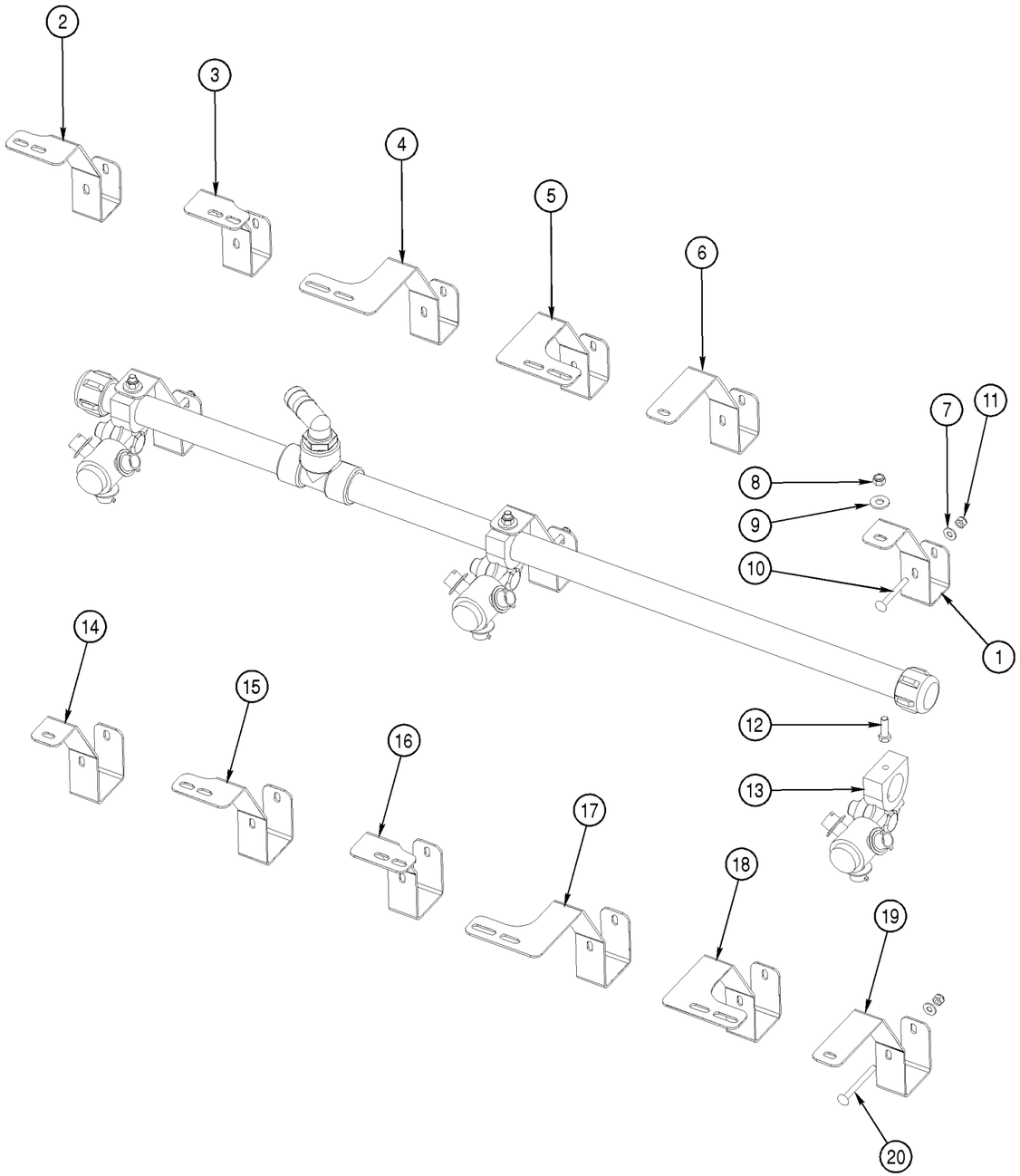
Nozzle Brackets



Item	Part Number	Qty	Description	Size	Comments
1	600000174	A/R	Bracket, Nozzle Body Standard SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
2	600000175	A/R	Bracket, Nozzle Body Offset Left SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
3	600000176	A/R	Bracket, Nozzle Body Offset Right SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
4	600000177	A/R	Bracket, Nozzle Body Ext Offset Left SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
5	600000178	A/R	Bracket, Nozzle Body Ext Offset Right SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
6	600000179	A/R	Bracket, Nozzle Body Ext Straight SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
7	902003030	A/R	Washer, Flat 1/4 SS		
8	901003011	A/R	Nut, Nylock 5/16-18 SS		
9	902003041	A/R	Washer, Flat 5/16 SS		
10	900031812	A/R	Bolt, Carriage 1/4-20 X 2 1/4 SS	1.5” Tube	Used on Intermediate boom, rear spray bar and breakaways
11	901003001	A/R	Nut, Nylock 1/4-20 SS		
12	900002611	A/R	Bolt, HHCS 5/16-18 X 1 SS		
13	610000151	A/R	Nozzle Body, Triple Outlet		
14	600000166	A/R	Bracket, Nozzle Body Standard SS	2” Tube	Used on Inner Booms with 2 ” bottom tube
15	600000167	A/R	Bracket, Nozzle Body Offset Left SS	2” Tube	Used on Inner Booms with 2 ” bottom tube
16	600000168	A/R	Bracket, Nozzle Body Offset Right SS	2” Tube	Used on Inner Booms with 2 ” bottom tube
17	600000169	A/R	Bracket, Nozzle Body Ext Offset Left SS	2” Tube	Used on Inner Booms with 2 ” bottom tube
18	600000170	A/R	Bracket, Nozzle Body Ext Offset Right SS	2” Tube	Used on Inner Booms with 2 ” bottom tube
19	600000171	A/R	Bracket, Nozzle Body Ext Straight SS	2 ” Tube	Used on Inner Booms with 2 ” bottom tube
20	900031811	A/R	Bolt, Carriage 1/4-20 X 2 3/4 SS	2” Tube	Used on Inner Booms with 2 ” bottom tube

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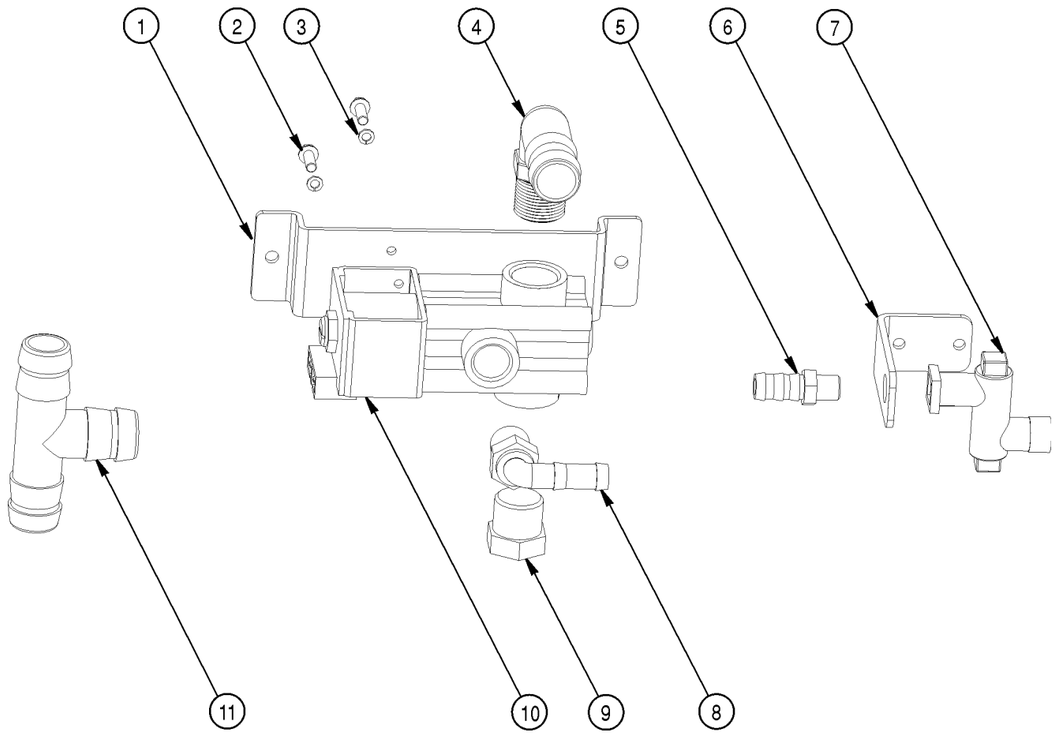
Fencerow Nozzle



Item	Part Number	Qty	Description	Size	Comments
1	690001530	1	Fence Row Solenoid Bracket		
2	400000327	2	Capscrew, Buttonhead #10-24 X 1/2		
3	901000243	2	Washer, Lock # 10		
4	640000620	1	Fitting, Elbow 3/4” Pipe to 1” Hose		
5	201410102	1	Fitting, 125HB 8-4		
6	690001538	1	Nozzle Bracket		
7	610000152	1	Nozzle, Fence Row		
8	640000410	1	Hose Barb, 90 1/2”		
9	800100620	1	Plug, HH 3/4”		
10	610000153	1	Valve, Control By-pass		
11	640000475	1	Tee, Hose Barb 1”		
	915001301	4	Screw, Self Tap Hex #12 X 3/4” long		Not Shown
	915000500	4	Clamp, Screw #16		Not Shown
	700060900	3 Feet	Cable 2 Wire 16 Gauge SJ Jacket		Not Shown
	RM800601	50 Feet	Hose, 1/2” pushlock Parker		Not Shown
	RM800850	4 Feet	Hose, 1” rubber AG 300		Not Shown
	K65000029		Kit, Fence Row Nozzle w/o Foamer		One side only, Field Ready with Hardware
	K65000037		Kit, Fence Row Nozzle with Foamer		One side only, Field Ready with Hardware

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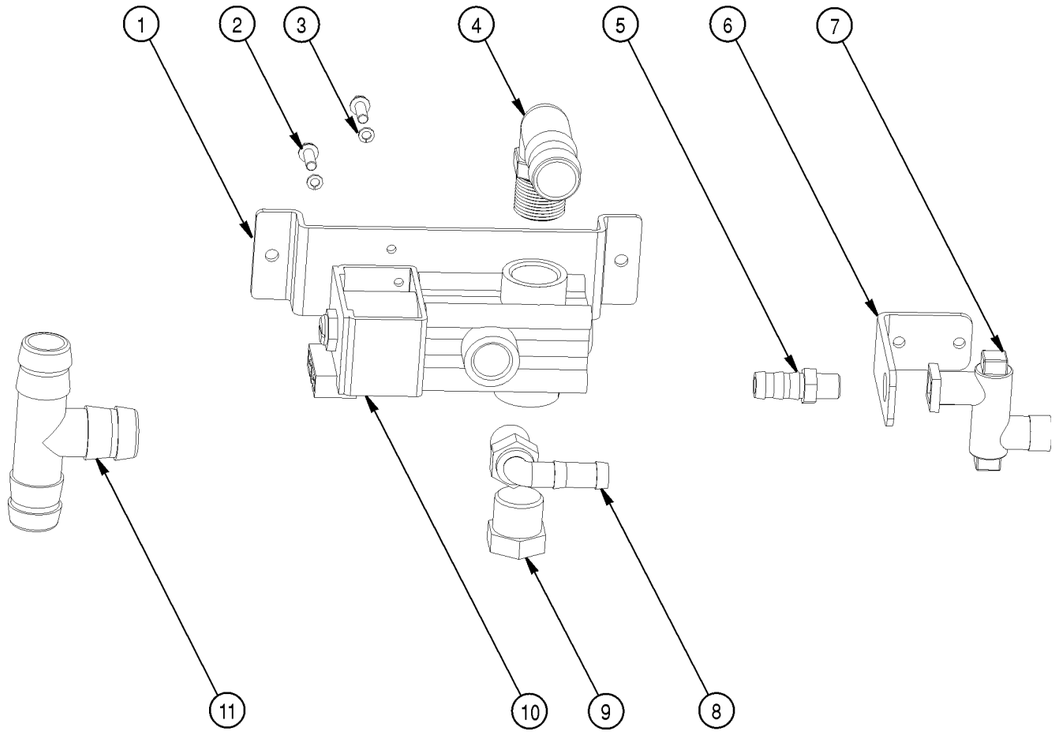
Fencerow Nozzle • AS710, AS1010 & AS1210

Fencerow Nozzle
AS710, AS1010 & AS1210



Item	Part Number	Qty	Description	Size	Comments
1	690001530	1	Fence Row Solenoid Bracket		
2	400000327	2	Capscrew, Buttonhead #10-24 X 1/2		
3	901000243	2	Washer, Lock # 10		
4	640000620	1	Fitting, Elbow 3/4” Pipe to 1” Hose		
5	201410102	1	Fitting, 125HB 8-4		
6	690001538	1	Nozzle Bracket		
7	610000152	1	Nozzle, Fence Row		
8	640000410	1	Hose Barb, 90 1/2”		
9	800100620	1	Plug, HH 3/4”		
10	610000153	1	Valve, Control By-pass		
11	640000475	1	Tee, Hose Barb 1”		
	915001301	4	Screw, Self Tap Hex #12 X 3/4” long		Not Shown
	915000500	4	Clamp, Screw #16		Not Shown
	700060900	3 Feet	Cable 2 Wire 16 Gauge SJ Jacket		Not Shown
	RM800601	50 Feet	Hose, 1/2” pushlock Parker		Not Shown
	RM800850	4 Feet	Hose, 1” rubber AG 300		Not Shown
	K65000029		Kit, Fence Row Nozzle w/o Foamer		One side only, Field Ready with Hardware
	K65000037		Kit, Fence Row Nozzle with Foamer		One side only, Field Ready with Hardware

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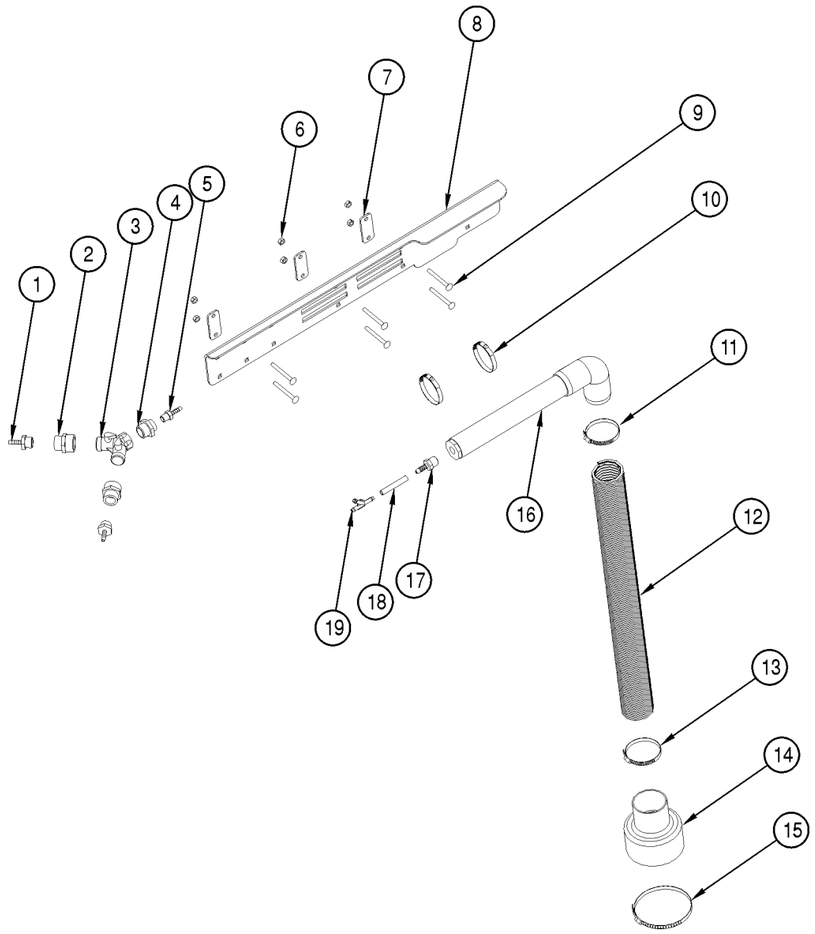
Foam Marker Equipment
AS710, AS1010 & AS1210
Foam Drop



Item	Part Number	Qty	Description	Size	Comments
1	540000520	2	Fitting, 1/2” PM x 1/4” HB		
2	540000521	2	Fitting, 1/2” PF x 3/4” Female Garden Hose		
3	540000522	1	Valve, 3-way 3/4” Garden Hose		
4	540000523	1	Fitting, 1/4” PF x 3/4” Male Garden Hose		
5	540000524	1	Fitting. 1/4” PM x 1/4” HB		
6	901003000	6	Nut, Nylock 1/4-20 ZP		
7	690001542	3	Plate, Clamp 1.5		
8	690001540	1	Bracket, Foam Drop Right		Bracket, Foam Drop Left P/N 690001541
9	900106521	6	Bolt, Carriage 1/4-20 x 2		
10	915001302	2	Clamp, Screw # 24		
11	915001303	1	Clamp, Screw # 32		
12	540000515	1	Hose, Drop Tube		
13	915001304	1	Clamp, Screw # 40		
14	540000514	1	Boot, Foam drop		
15	915001305	1	Clamp, Screw # 064		
16	540000503	1	Foam Chamber		Less nozzle & boot
17	540000518	1	Fitting, 3/8” PM x 1/4” HB		
18	540000519	1	Hose, 1/4” ID Clear Vinyl 3” long		
19	540000517	1	Hose Barb Y, 1/4” x 1/4” x 1/4”		

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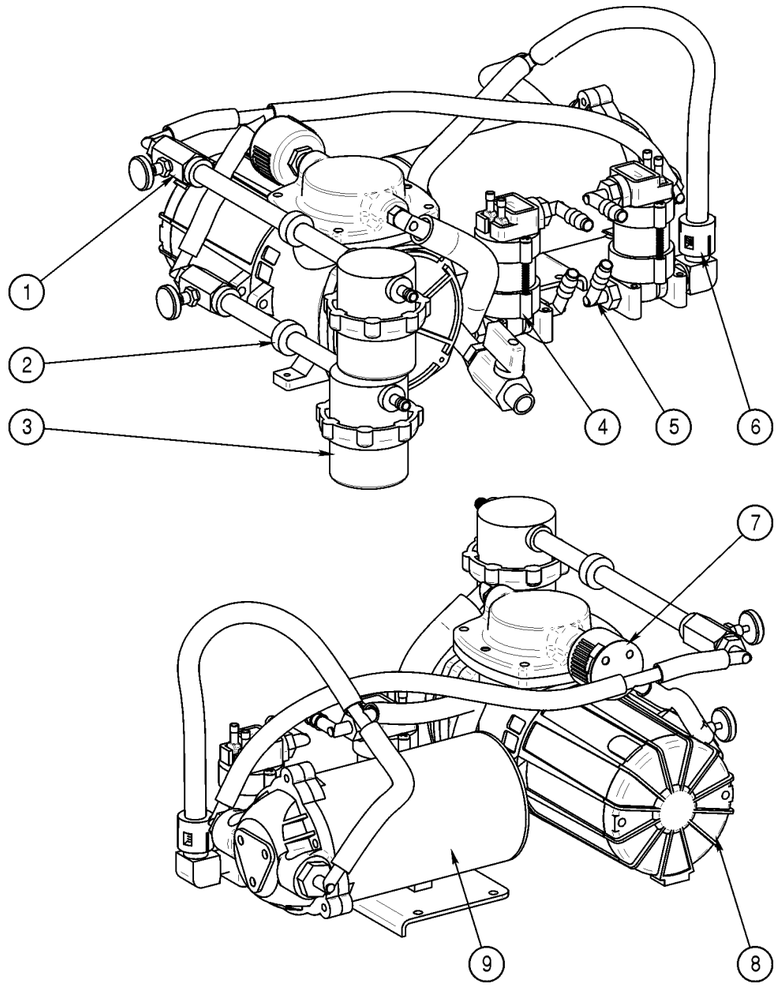
Foam Marker Compressor & Pump Assembly



Item	Part Number	Qty	Description	Size	Comments
1	540000527	2	Brass Needle Valve		
2	540000088	2	Check Valve, Foamer		
3	540000061	2	Strainer, RVM Threaded		
4	540000079	2	Valve, Foam Marker		
5	540000526	5	Fitting, 1/4" PM X 1/4" HB 90		
6	540000512	1	Valve, Check 1/2"" Thread Smucker		
7	540000005	1	Breather, Foamer Compressor		
8	540000506	1	Compressor, Air Foam Smucker		
9	540000510	1	Pump, Water Smucker		
	540000509	1	Housing, aluminum Smucker		Not shown
	540000501	as required	Split Boom Kit, Smucker Parts Only		Kit includes two foam drop and chamber assemblies
	540000513	as required	Harness, Foam Marker Smucker		Not shown
	K65000031	as required	Foam Marker Kit, Combo Boom		Field ready, complete with hardware
	K65000036	as required	Foam Marker Kit, Straight Boom		Field ready, complete with hardware
	540000500	1	Foam Marker, Smucker Landmark		Foamer assembly with two foam drops

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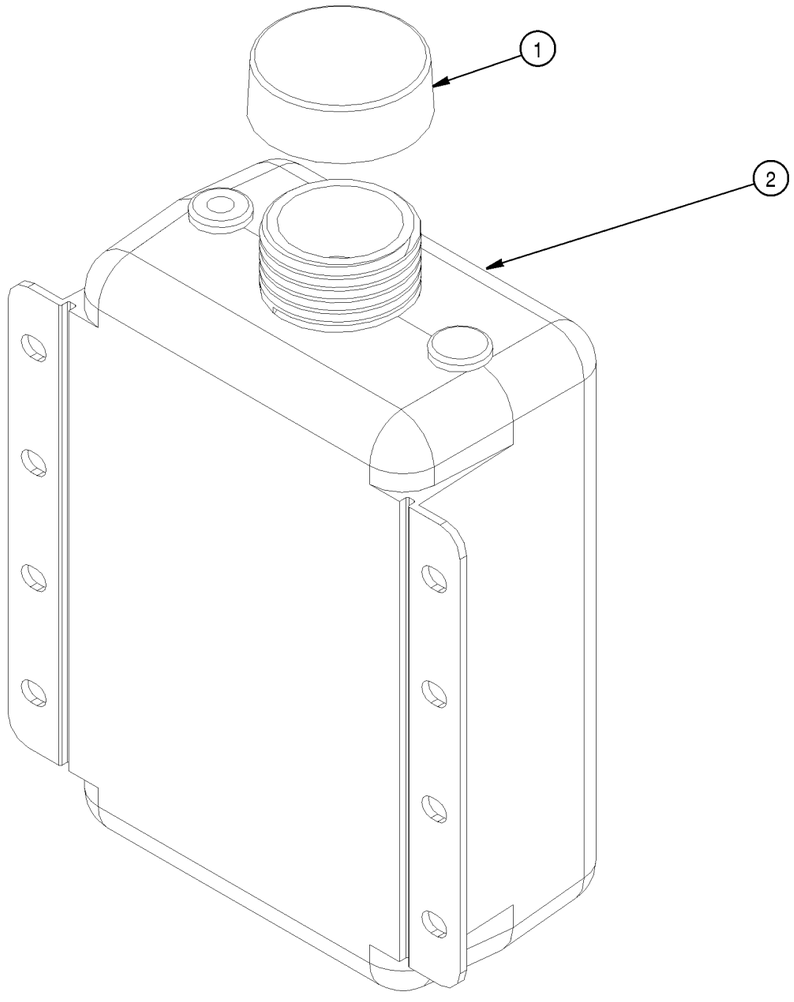
Foam Marker Concentrate Tank



Item	Part Number	Qty	Description	Size	Comments
1	540000516	1	Lid, Concentrate Tank		
2	540000507	1	Concentrate Tank, Smucker		

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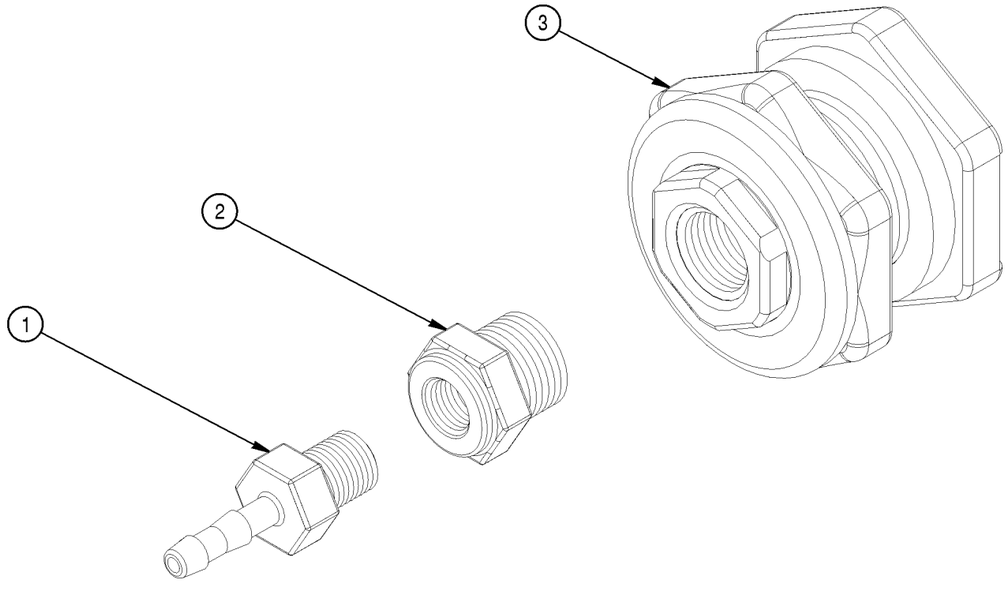
Foam Marker Rinse Tank Adapter (Smucker)



Item	Part Number	Qty	Description	Size	Comments
1	640100137	1	Fitting, Hose Barb 1/4 MPT-1/4 Barb		
2	640100136	1	Fitting, Reducer 1/2 to 1/4		
3	640100135	1	Fitting, Bulkhead 1/2”		

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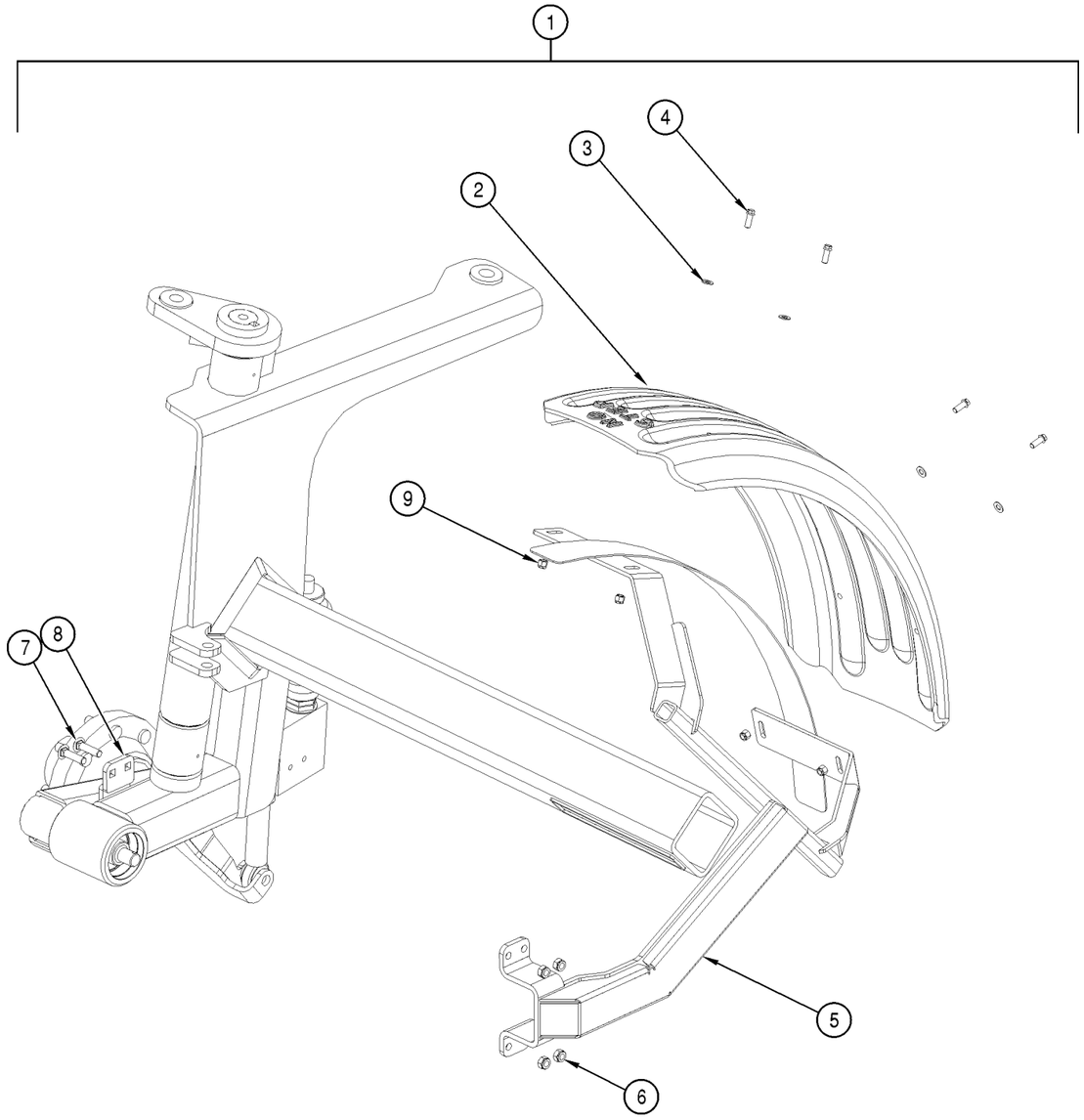
Fenders • AS710 & AS1010 (28” Front)

Fenders
ASAS710 & AS1010 (28” Front)



Item	Part Number	Qty	Description	Size	Comments
1	K65000614		"Kit, Fenders 28"" Front 710 & 1010		""Includes all Fenders, Brackets, & Hardware for both sides"
2	500200000	1	"Fender, Plastic 28"" Tire		"
3	902003045	4	"Washer, Flat 3/8 ZP		"
4	900106537	4	"Bolt, Flanged 3/8-16 X 1		"""
5	500200034	1	"Fender Bracket, Standard Front Right		""Fender Bracket, Standard Front Left P/N 500200033"
6	901003040	4	"Nut, Nylock 1/2-13 ZP		"
7	900106536	4	"Bolt, Carriage 1/2-13 X 2		"""
8	500200020	1	Fender Bolt Plate 4-4 Front		
9	901003020	4	"Nut, Nylock 3/8-16 ZP		"

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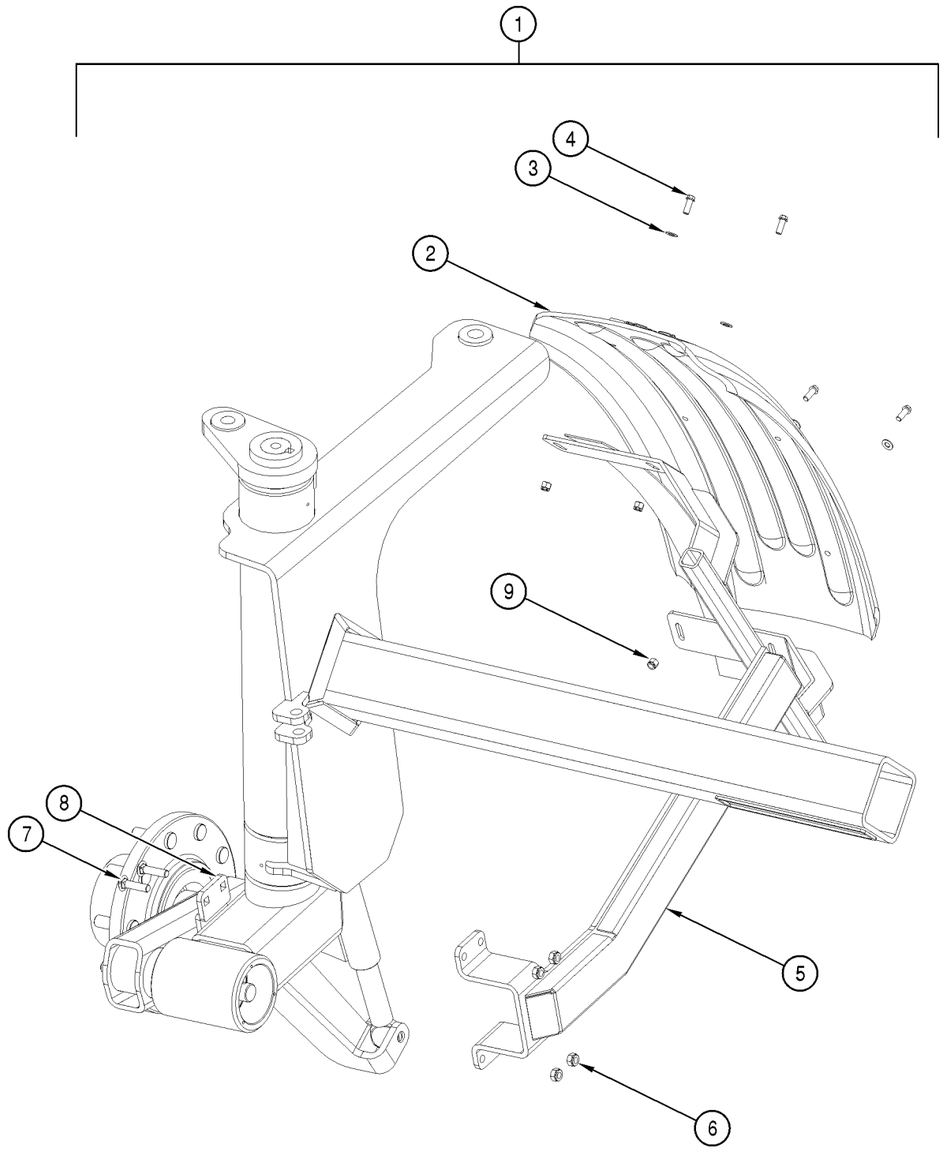
Fenders • AS1010 & AS1210 (38” Front)

AS1010 & AS1210 (38” Front)



Item	Part Number	Qty	Description	Size	Comments
1	K65000610		"Kit, Fenders 38"" Front 1010 & 1210		""Includes Fenders, Brackets, & Hardware for both sides"
2	500200001	1	"Fender, Plastic 38"" Tire		"
3	902003045	4	"Washer, Flat 3/8		"
4	900106537	4	"Bolt, Flanged 3/8-16 X 1		"""
5	500200030	1	"Fender Bracket, Heavy Front Right		""Fender Bracket, Heavy Front Left P/N 500200031"
6	901003040	4	"Nut, Nylock 1/2-13 ZP		"
7	900106536	4	"Bolt, Carriage 1/2-13 X 2		"""
8	500200021	1	"Fender Bolt Plate, 5-5 Front		"
9	901003020	4	"Nut, Nylock 3/8-16 ZP		"

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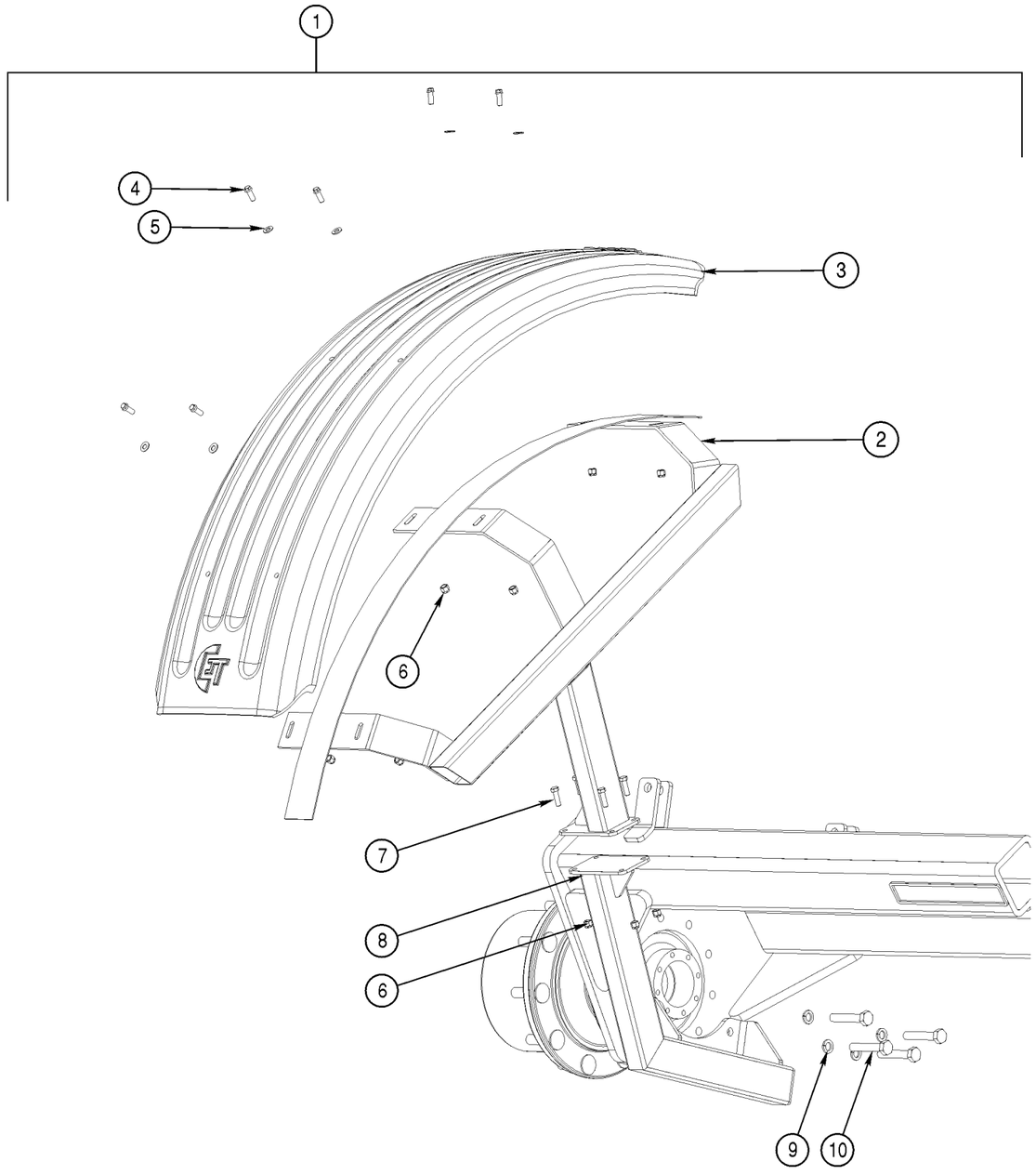
Fenders • AS710, AS1010 & AS1210 without Drop Box (46” Rear)

AS710, AS1010 & AS1210 without Drop Box (46” Rear)



Item	Part Number	Qty	Description	Size	Comments
1	K65000612	1	"Kit, Fender 46 Rear		""Includes Fenders, Brackets, & Hardware for both sides"
2	500200024	1	"Fender Bracket, Upper Left		""Fender Bracket, Upper Right P/N 500200025"
3	500200002	1	"Fender, Plastic 46"" Tire		"
4	900106537	6	"Bolt, Flanged 3/8-16 X 1		"""
5	902003045	6	"Washer, Flat 3/8 ZP		"
6	901003020	10	"Nut, Nylock 3/8-16 ZP		"
7	900006604	4	"Bolt, Hex 3/8-16 X 1 1/4		"""
8	500200023	1	"Fender Bracket, Lower Left		""Fender Bracket, Lower Right P/N 500200022"
9	902003046	4	"Washer, Lock M16		"
10	900100800	4	"Bolt, Hex M16 X 2.0 X 90		"

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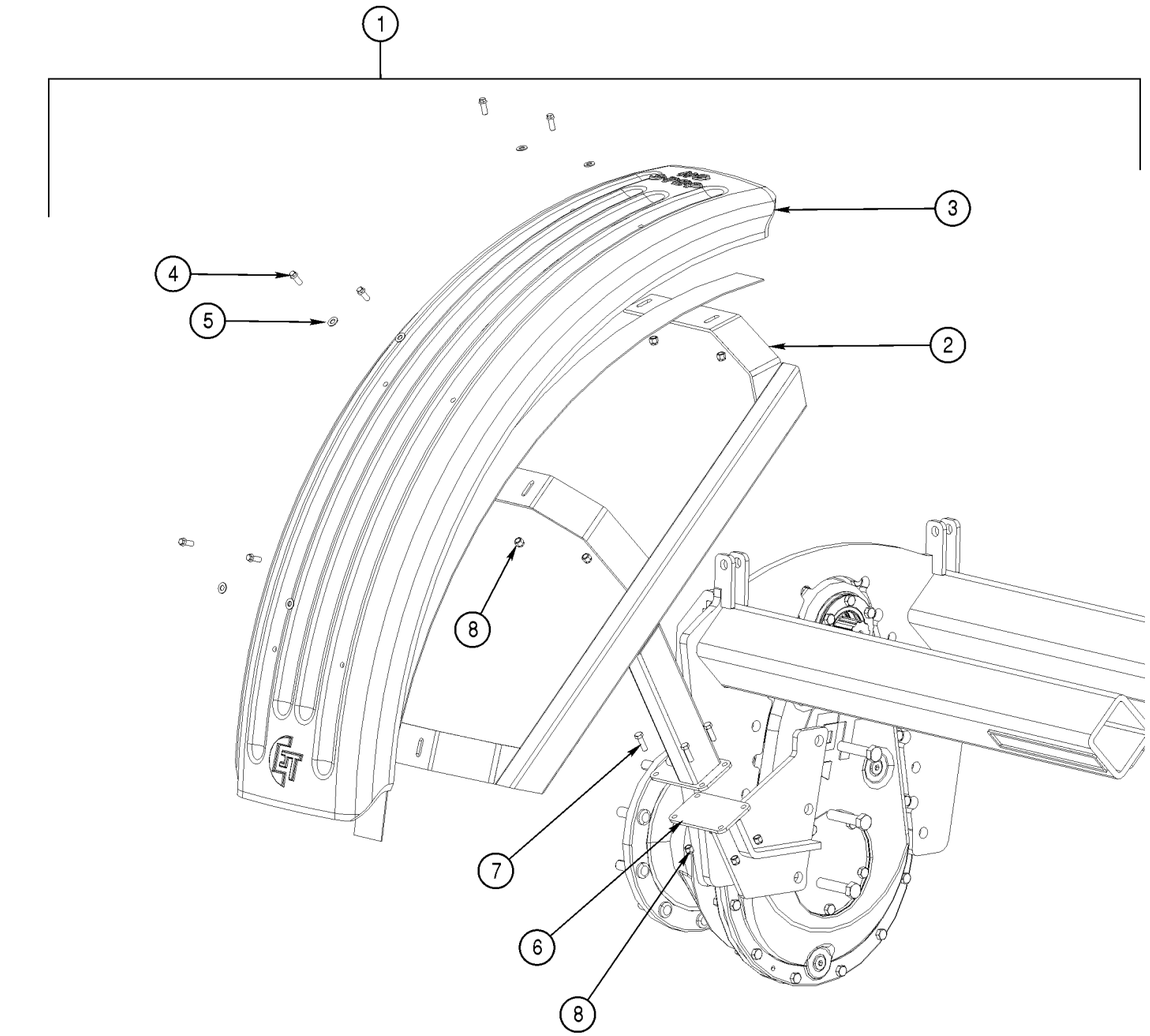
Fenders • AS1010 & AS1210 with Drop Box (46” Rear)

AS1010 & AS1210 with Drop Box (46” Rear)



Item	Part Number	Qty	Description	Size	Comments
1	K65000613		"Kit, Fender 46"" Rear 1010 & 1210 DB		""Includes Fenders, Brackets, & Hardware for both sides"
2	500200024	1	"Fender Bracket, Upper Left		""Fender Bracket, Upper Right P/N 500200025"
3	500200002	1	"Fender, Plastic 46"" Tire		"
4	900106537	6	"Bolt, Flanged 3/8-16 X 1		"""
5	902003045	6	"Washer, Flat 3/8 ZP		"
6	500200027	1	"Fender Bracket, Lower Left DB		""Fender Bracket, Lower Right DB P/N 500200026"
7	900006604	4	"Bolt, Hex 3/8-16 X 1 1/4		"""
8	901003020	10	"Nut, Nylock 3/8-16 ZP		"

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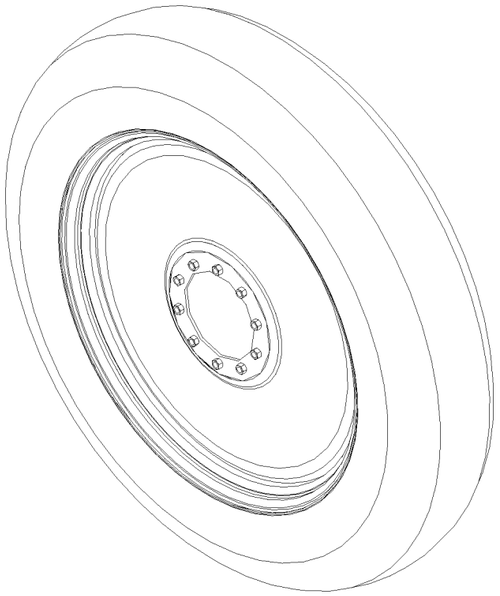

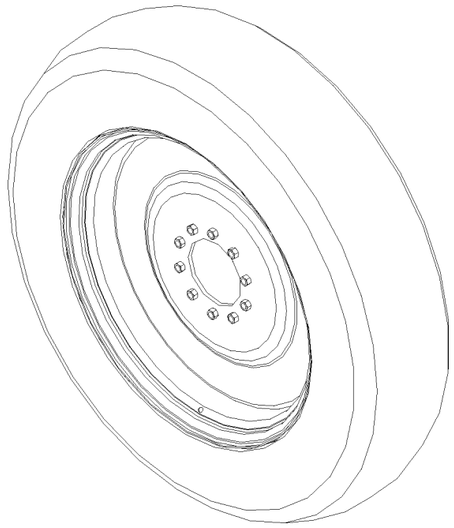

AS710 WITH 90” AXLE SPACING		
FRONT	500100000	FRONT RIM ONLY 28X10
	500100151	FRONT TIRE ONLY 12.4X28
	500100180	FRONT RIM & TIRE ASSEMBLY
	900003798	STUD, FRONT HUB
	901000980	NUT, LUG FRONT HUB
REAR	500100851	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100185	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB

AS710 WITH 120” AXLE SPACING STANDARD FRONT AXLE		
FRONT	500100000	FRONT RIM ONLY 28X10
	500100151	FRONT TIRE ONLY 12.4X28
	500100180	FRONT RIM & TIRE ASSEMBLY
	900003798	STUD, FRONT HUB
	901000980	NUT, LUG FRONT HUB
REAR	500100860	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100610	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB

AS710 WITH 120” AXLE SPACING HEAVY DUTY FRONT AXLE		
FRONT	500100001	FRONT RIM ONLY 38X12
	500100178	FRONT TIRE ONLY 380/90R38
	500100181	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB
FRONT NARROW	500100183	FRONT RIM ONLY 320/85R38
	500100186	FRONT TIRE ONLY 320/85R38
	500100930	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB
REAR	500100860	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100610	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB

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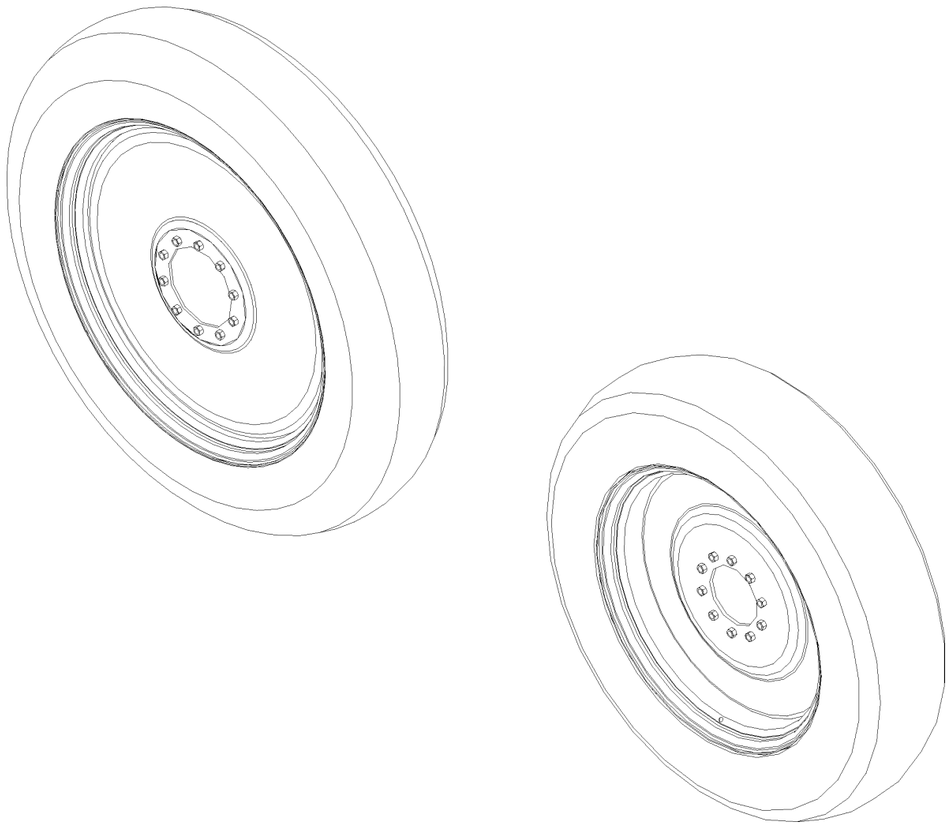

AS1010 WITH STANDARD FRONT AXLE (ALL AXLE SPACING) 36”& 42” CC		
FRONT	500100000	FRONT RIM ONLY 28X10
	500100151	FRONT TIRE ONLY 12.4X28
	500100180	FRONT RIM & TIRE ASSEMBLY
	900003798	STUD, FRONT HUB
	901000980	NUT, LUG FRONT HUB
REAR	500100865	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100611	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB"

AS1010 WITH STANDARD FRONT AXLE (ALL AXLE SPACING) 48” Crop Clearance		
FRONT	500100000	FRONT RIM ONLY 28X10
	500100151	FRONT TIRE ONLY 12.4X28
	500100180	FRONT RIM & TIRE ASSEMBLY
	900003798	STUD, FRONT HUB"
	901000980	NUT, LUG FRONT HUB"
REAR	500100865	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100611	REAR RIM & TIRE ASSEMBLY
	350000188	STUD, REAR HUB"
	900100037	NUT, LUG REAR HUB"
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000188	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB"

AS1010 WITH HEAVY DUTY FRONT AXLE (ALL AXLE SPACING) 36”& 42” Crop Clearance		
FRONT	500100001	FRONT RIM ONLY 38X12
	500100178	FRONT TIRE ONLY 380/90R38
	500100181	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB"
FRONT NARROW	500100183	FRONT RIM ONLY 320/85R38
	500100186	FRONT TIRE ONLY 320/85R38
	500100930	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB
REAR	500100865	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100611	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB"
	900100037	NUT, LUG REAR HUB"
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000190	STUD, REAR HUB
	900100037	NUT, LUG REAR HUB

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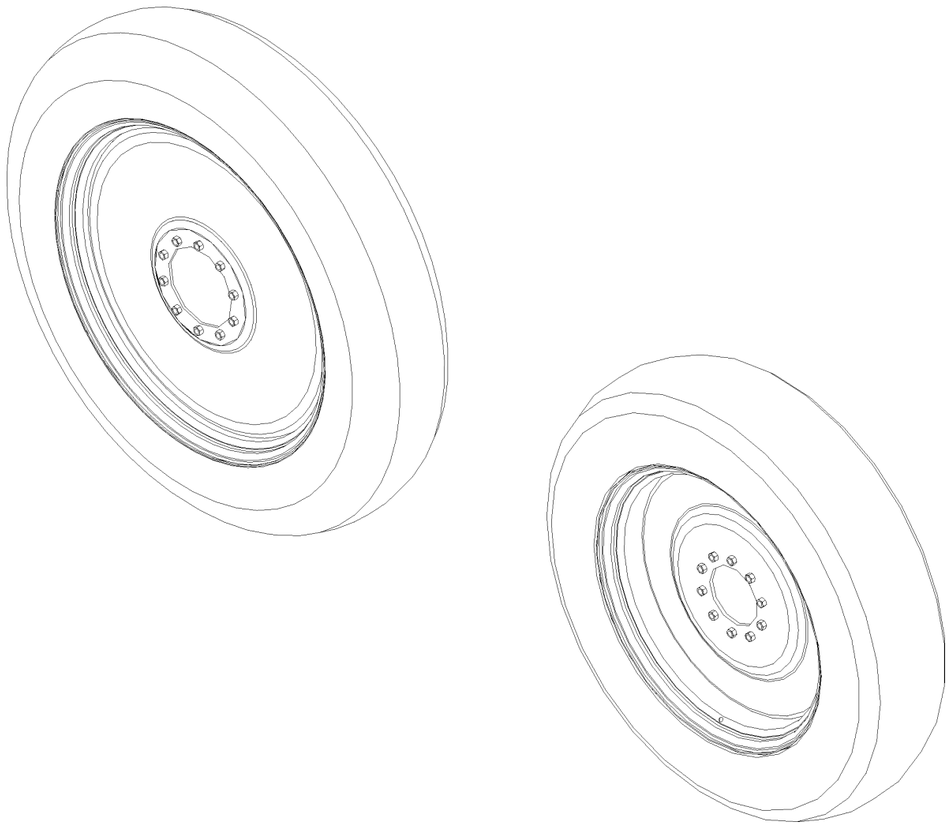

AS1010 WITH HEAVY DUTY FRONT AXLE (ALL AXLE SPACING) 48” Crop Clearance		
FRONT	500100001	FRONT RIM ONLY 38X12
	500100178	FRONT TIRE ONLY 380/90R38
	500100181	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB
FRONT NARROW	500100183	FRONT RIM ONLY 320/85R38
	500100186	FRONT TIRE ONLY 320/85R38
	500100930	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB
REAR	500100865	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100611	REAR RIM & TIRE ASSEMBLY
	350000188	"STUD, REAR HUB
	900100037	UT, LUG REAR HUB
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000188	STUD, REAR HUB"
	900100037	NUT, LUG REAR HUB"

DUAL EXTENSIONS 48” Crop Clearance		
DUAL EXTENSIONS 48” CC	500100403	DUAL EXTENSION
	350000189	STUDS FOR DUAL EXTENSION
	900100037	NUT, DUAL EXTENSION

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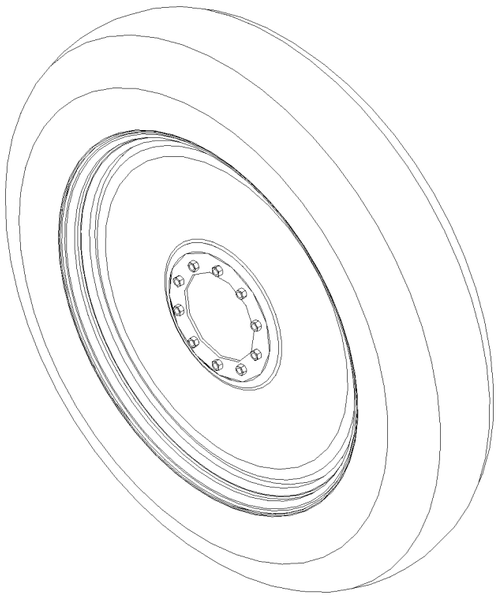

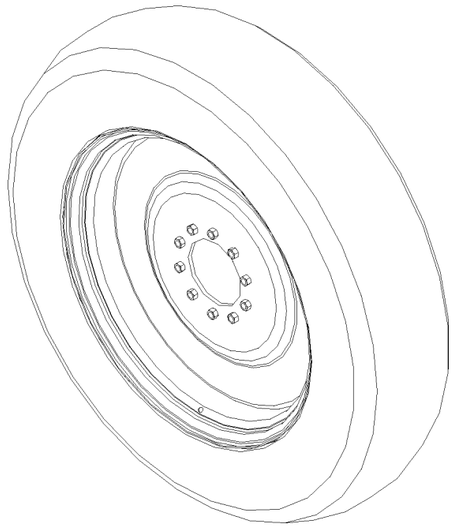

AS1210 WITH HEAVY DUTY FRONT AXLE (ALL AXLE SPACING) 48” Crop Clearance		
FRONT	500100001	FRONT RIM ONLY 38X12
	500100178	FRONT TIRE ONLY 380/90R38
	500100181	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD"
	900100037	NUT, LUG FRONT HUB"
FRONT NARROW	500100183	FRONT RIM ONLY 320/85R38
	500100186	FRONT TIRE ONLY 320/85R38
	500100930	FRONT TIRE & RIM ASSEMBLY
	900003799	STUD, FRONT HUB HD
	900100037	NUT, LUG FRONT HUB
REAR	500100865	REAR RIM ONLY 46X12
	500100177	REAR TIRE ONLY 380/90R46
	500100611	REAR RIM & TIRE ASSEMBLY
	350000188	STUD, REAR HUB"
	900100037	NUT, LUG REAR HUB"
REAR NARROW	500100854	REAR RIM ONLY 50X10
	500100184	REAR TIRE ONLY 320/90R46
	500100920	REAR RIM & TIRE ASSEMBLY
	350000188	STUD, REAR HUB"
	900100037	NUT, LUG REAR HUB"

"DUAL EXTENSIONS 48” Crop Clearance		
"DUAL EXTENSIONS 48” CC	500100403	DUAL EXTENSION
	350000189	STUDS FOR DUAL EXTENSION
	900100037	NUT, DUAL EXTENSION"

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AS710, AS1010 & AS1210
(Floatation)

Semi-Float

Full-Float

FLOATATION TIRES FOR AS710, AS1010, & AS1210

KIT NUMBER	DESCRIPTION	MODELS
K65000079	REAR, SEMI-FLOATATION TIRE SIZE 520/85R46	AS1010 36” OR 42” CC, OR AS710 W/ 120” AXLE SPACING
K65000080	FRONT, SEMI-FLOATATION TIRE SIZE 480/70R34	AS1010 OR AS1210 W/ HEAVY DUTY FRONT AXLE ALL CC
K65000081	REAR, SEMI-FLOATATION TIRE SIZE 520/85R46	AS1010 OR AS1210 W/ 48” CC (DROP BOXES)
K65000082	FRONT, FULL FLOATATION TIRE SIZE 23.1X26R-3	AS1010 OR AS1210 W/ HEAVY DUTY FRONT AXLE ALL CC
K65000083	REAR, FULL FLOATATION TIRE SIZE 30.5X32R-3	AS1010 OR AS1210 W/ 48” CC (DROP BOXES)
	ALL THE ABOVE KITS INCLUDE TWO TIRES MOUNTED TO RIMS, NEW WHEEL STUDS, AND LUG NUTS	

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Wiring Harnesses • AS710, AS1010 & AS1210

Wiring Harness
AS710, AS1010 & AS1210

Part Number	Qty	Description	Model #
700000441	1	Wire Kit, Deere Starter Relay	710
700000455	1	Harness, Cummins Cold Start	1010, 1210
700000437	1	Harness, Grid Heater/Alt Deere	710
700000456	1	Harness, Apache	710
700000450	1	Harness, Engine Cummins	1010, 1210
700000425	as required	Harness, Adjust on the Go	1010, 1210
700000436	1	Harness, Boom	710, 1010, 1210
700000000	1	Connector Raven Radar	710, 1010, 1210
700000004	2	Connector Flow Meter	710, 1010, 1210
700000449	1	Harness, Main	710, 1010, 1210
700000457	1	Harness, Console ITL/JCB 4 Speed Trans	710
700000452	1	Harness, Console ITL/JCB 6 Speed Trans	1010
700000435	as required	Harness, Transmission Funk	1010, 1210
700000454	as required	Harness, Console Funk Transmission	1010, 1210
720100010	1	Cable, Battery Positive	710, 1010, 1210
720100011	1	Cable, Battery Negative	710, 1010, 1210

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Hydraulic Hose with Fittings

Part Number	Qty	Description	Fitting #1	Fitting #2	Length	Size	Material
800200095	1	RACK TO ACCUMULATOR	6FLF	6FLF90	34	4	100R17
800200171	1	PROD P P TO SUSP BLOCK	8FLF	8FLF 90	87.5	8	100R17
800200171	1	PROD P T TO SUSP BLOCK	8FLF	8FLF 90	87.5	8	100R17
800200027	1	SUSP TO FILTER T	16FLF	16FLF90	46	16	100R3
800200028	1	SUSP TO JUNCTION P	12FLF	12FLF90 LONG DROP	91	12	100R17
800200029	1	FILTER TO JUNCTION T	16FLF	16FLF	34	16	100R4
800200005	2	RAM CYL TO FRAME	8FLF	8FLF	20.5	8	100R17
800200006	2	SWAY CYL TO FRAME	8FLF	8FLF	25.5	8	100R17
800200032	1	L1 TO FRAME	8FLF	8FLF90	15	8	100R17
800200033	1	L2 TO FRAME	8FLF	8FLF90	16.75	8	100R17
800200034	1	R1 TO FRAME	8FLF	8FLF	21	8	100R17
800200035	1	R2 TO FRAME	8FLF	8FLF	19	8	100R17
800200174	1	JUNCTION S TO COOLER	12FLF	12FLF	105	12	100R1-AT
800200037	1	LHC TO ST. CYL	6FLF	6FLF90	90.5	6	100R17
800200038	1	RHC TO ST. CYL	6FLF	6FLF90 LONG DROP	91.5	6	100R17
800200039	1	COOLER TO PUMP	16FLF	16FLF	30	16	100R4
800200040	1	PISTON S TO RES.	16FLF	16FLF90	76.75	16	100R4
800200041	1	GEAR S TO RES.	16FLF	16FLF90	62	16	100R4
800200042	1	PISTON P TO JUNCTION	12FLF	12FLF90 LONG DROP	88	12	100R17
800200043	1	CASE D TO JUNCTION	6FLF	6FLF90	96	6	100R17
800200143	1	JUNCTION TO TANK T	16FLF	16FLF	67	16	100R3
800200045	1	JUNCTION TO SPRING CAN	4FLF	6SLF 90	22.5	4	100R17
800200046	1	COOLER LH TO FRNT TRANS	12FLF	12FLF90	72.5	12	100R1-AT
800200047	1	COOLER RH TO REAR TRANS	12FLF	12FLF90 LONG DROP	81	12	100R1-AT
800200192	2	SWAY CYL ROD TO FRAME	6FLF	6FLF	25.5	4	100R17
800200193	1	LEFT FRAME TO RETURN	8FLF	6FLF 45	32	6	100R17
800200194	1	RIGHT FRAME TO RETURN	8FLF	6FLF	14	6	100R17
800200126	2	STEERING UNIT TO JUNCTION	6FLF 45	8FLF	38	6	100R17
800200127	1	STEERING UNIT TO JUNCTION RETURN	8FLF 45	8FLF	35	8	100R17
800200128	1	STEERING UNIT TO PUMP	8FLF 45	8FLF	57	8	100R17
800200129	1	JUNCTION TO STAIR BULKHEAD	6FLF	4FLF 90	54.5	4	100R17
800200130	1	STAIR BLKH TO LADDER CYL	6FLF	6FLF 90	18.5	4	100R17
800200131	2	MASTER CYL TO BLKH	2PF	4FLF 90	34	4	100R17
800200132	1	STEEL LINE TO DIFF RIGHT	4FLF 90	4 COMP	27.25	4	100R17
800200133	1	STEEL LINE TO DIFF LEFT	4FLF 90	4 COMP	37.25	4	100R17
800200134	1	LHC TO AUTO STEER	6FLF	6FLF 90	17	6	100R17
800200135	1	RHC TO AUTO STEER	6FLF	6FLF 90	20	6	100R17
800200136	1	AUTO STEER TO STEERING MOTOR	8FLF	8FLF 45	48.5	8	100R17
800200137	1	PRESSURE TO AUTO STEER	8FLF	8FLF	94	8	100R17
800200138	1	AUTO STEER TO RETURN	6FLF 45	8FLF	22	6	100R17
826000223	2	ACCUMULATOR TO RAM	20FLF	20FLF	43	20	100R2
800200051	1	BULKHEAD TO ROD	6FLF 90	6FLF 90	23	6	100R17
800200144	1	BULKHEAD TO BASE	6FLF	6FLF 90	31	6	100R17

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Non-Hydraulic Hoses

Part Number	Qty.	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800100	9 feet	Fuel Line, 1/4” H175	Deere Engine
RM800325	10 feet	Fuel Line, 3/8” H177	Deere Engine
RM800650	20 feet	Hose Heater H168	Deere Engine
420110005	1	Hose, A/C Evap to Comp	A/C
420110006	1	Hose, A/C Drier to Evap	A/C
420110004	1	Hose, A/C Cond to Drier	A/C
420110008	1	Hose, A/C Comp to Cond Deere	A/C, 420120001 Switch A/C Pressure Binary
520400103	1	Hose, Radiator Lower 2	Cooling Package
RM800100	4 feet	Fuel Line, 1/4” H175	Cooling Package
520400104	9 inch	Hose Coupling 1.75”	Cooling Package
RM800850	4 feet	Hose, 1” Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2” AG Suction EPDM 3	Rinse Tank
RM801050	3 feet	Hose, 2” AG Suction EPDM 3	Poly Product Tank
RM800950	16 feet	Hose, 1 1/2” AG Suction EPDM 3	Poly Product Tank
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump Vent
RM800850	15 feet	Hose, 1” Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2” AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump High Flow Vent
RM800850	15 feet	Hose, 1” Rubber AG300	Product Pump High Flow
RM801075	2 feet	Hose, 3” AG Suction EPDM 3	Product Pump High Flow
RM800876	21 feet	Hose, 1 1/2” Flat Inductor	Inductor
RM800850	30 feet	Hose, 1” Rubber AG300	Rotoflush
RM800850	20 feet	Hose, 1” Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1” Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2” Pushlock	Fence Row Nozzle
RM800850	6 feet	Hose, 1” Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4” Clear Vinyl	Foam Marker, Smucker

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Fittings

Part Number	Qty.	Description	Manufacturer Part Number	Comments, Where Used
800405000	4	FITTING, 8 FLM X 6 ORM	6400-08-06	SWAY CYL
800302450	2	FITTING, 20 FLM 24 ORM	6400-20-24	RAM CYL
800302147	2	FITTING, 16 FLM X 24 ORM	6400-16-24	HYD FILTER
800404265	1	FITTING, 16 FLM X 16 ORM 90	6801-16-16-NWO	RH COOLER
800302148	2	FITTING, 12 FLM X 12 PM LONG	2404-LL-12-12	TRANS COOLER
800304505	4	FITTING, 8 FLM X 8 FLM BLKHD	2700-LN-08-08	SUSP BLKHD
800302459	4	FITTING, 6 FLM X 6 FLM BLKHD	2700-LN-06-06	STEERING BLKHD
800302206	2	FITTING, 4 FLM X 4 FLLS BLKHD ST	C2707-LN-04-04	BRAKE BLKHD
800404254	1	FITTING, 12 FLM X 16 ORM 90	6801-12-16-NWO	LH COOLER
800302161	1	FITTING, 4 PM X 6 HB	2113-06-04	VENT LINE
800302445	2	FITTING, 8 FLM X 8 ORM	6400-O-8-8	PRODUCT PUMP
800403640	2	FITTING, 20 FLF X 20 FLM 90	6500-20-20	RAM CYL
800302196	2	FITTING, 4 FLF X 2 PF	6506-02-04	BRAKE PRESSURE SWITCH
800302168	2	FITTING, 4 FLM X 4 FLM X 4 FLF	6602-04-04-04	BRAKE PRESSURE SWITCH
800302207	2	FITTING, 8 FLM X 8 FLF 45	6502-8-8	PRODUCT PUMP
800303022	2	FITTING, 6 FLM X 6 ORM	6400-06-06	SWAY CYL RETURN
800302195	1	FITTING, 8 FLF X 8FLM X 8FLM	6602-08-08-08	SUSPENSION RETURN
800302453	2	FITTING 12 FLM X 8 BSPP	7002-12-8-BS	DEERE ENGINE
800302421	3	FITTING 18mmORM X 10 FLM	7005-10-18-ISO	DEERE ENGINE
800302426	2	FITTING, 10 HOSE BARB X 10FLF	2111-10-10	DEERE ENGINE
800302425	1	FITTING, 10 FLM X 10 FLF 90	6500-10-10	DEERE ENGINE
800460095	1	FITTING, 20 FLM X 32 CODE 61	1700-20-32	DEERE ENGINE
800302422	1	FITTING, 12FLM X 16 CODE 61	1700-12-16	DEERE ENGINE
800450020	1	1” CODE 61 FLANGE KIT	1901-16	DEERE ENGINE
800450050	1	KIT SPLIT FLG 2” CODE 61	1901-32	DEERE ENGINE
800404265	1	FITTING 16ORM X 16FLM 90	6801-16-16-NOW	DEERE ENGINE
800303032	1	FITTING, 8FLM X 10ORM ST	6400-O-08-10	DEERE ENGINE
800302403	1	FITTING, 6FLM X 10OM	6400-06-10-O	DEERE ENGINE
800302454	1	FITTING 20FLF X 16FLM	2406-20-16	DEERE ENGINE
800302149	1	FITTING 16FLM X 16FLF X 16FLM	6600-16-16-16	DEERE ENGINE
800302165	1	FITTING, 12FLF X 12HB	2111-12-12	DEERE ENGINE
800302175	1	FITTING 10FLF X 12FLM 90	6500-12-10	DEERE ENGINE
800302179	1	FITTING, 8PM X 6HB	2113-06-08	DEERE ENGINE
800403625	1	FITTING 12FLF X 12FLM 90	6500-12-12	DEERE ENGINE
860000005	1	STEERING UNIT, DANFOSS	OSPC 125 ON 150N2234	STEERING MOTOR
800302174	1	FITTING 8 FLM X 8 ORM 90 X LONG	6801-LL-NWO-08-08	STEERING MOTOR
800302445	1	FITTING 8 FLM X 8 ORM	6400-O-08-08	STEERING MOTOR
800303024	2	FITTING 6 FLM X 8 ORM	6400-O-06-08	STEERING MOTOR
800302170	1	FITTING, 6FLM X 6ORM 90 ORF .032	6801-06-06-NOW FG#R0.032	STATION TWO
800302194	1	FITTING 4PM X 4HB	2113-04-04	STATION TWO
800302172	2	4FLM X 12MM OM W/ WASHER	7005-04-LL08-12	STATION TWO
640020010	2	FITTING, 1/8NPT X 1/4 TUBE 90	A4ME4-MG	STATION TWO
800302173	1	FITTING, 1/8NPT NIPPLE	5404-02-02	STATION TWO
800302202	2	FITTING, 3/16COMP X 1/8PM	C2404-03-02	STATION TWO
800404215	2	FITTING, 6 FLM X 6 ORM 90	6801-06-06-NWO	STEERING CYLINDER
800501040	2	FITTING, 6FLM X 6FLM X 6FLF	6602-06-06-06	AUTO STEER

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Part Number	Qty.	Description	Manufacturer Part Number	Comments, Where Used
800302195	1	FITTING, 8FLM X 8FLM X 8FLF	6602-08-08-08	AUTO STEER
800302190	2	FITTING, 24 ORM X 24 ORM ST	3474-24-24-NCOO	REAR ACCUMULATOR
800302450	2	FITTING, 20 FLM X 24 ORM	6400-20-24-0	REAR ACCUMULATOR
800302177	1	FITTING, 1/8 NPT PLUG	5406-HP-02	LADDER CYLINDER
800303027	1	FITTING, 8ORM X 3/8" HB 90	4601-06-08-NWO	FUEL TANK
800303010	1	FITTING, 8ORM X 1/4" HB 90	4601-04-08-NWO	FUEL TANK
800000641	1	FITTING, 16ORM HEX HEAD PLUG	6408-H-16-O	FUEL TANK
800302459	1	FITTING 6 FLM X 6 FLM BLKHD	2700-LN-06-06	FUEL TANK
800302153	1	FITTING 32ORM X 20ORF BUSHING	6410-32-20-O	HYDRAULIC TANK
800302150	1	FITTING 16FLM X 20ORM 90	6801-16-20-NWO	HYDRAULIC TANK
800000641	2	FITTING, 16ORM HEX HEAD PLUG	6408-N-16-O	HYDRAULIC TANK
800302265	2	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NWO	HYDRAULIC TANK
800302154	1	FITTING, SIGHT GLASS 16ORM	LSP1301-16-02	HYDRAULIC TANK
800304070	1	FITTING, 16FLF X 16FLM 45	6502-16-16	HYDRAULIC TANK

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Hydraulic Hose with Fittings

Part Number	Qty	Description	Fitting #1	Fitting #2	Length	Size	Material
800200170	1	PUMP TO PRESSURE FILTER	8 FLF	8 FLF 45	24	8	100R17
800200095	1	RACK TO ACCUMULATOR	6FLF	6FLF90	34	4	100R17
800200171	1	PROD P P TO SUSP BLOCK	8FLF	8FLF 90	87.5	8	100R17
800200171	1	PROD P T TO SUSP BLOCK	8FLF	8FLF 90	87.5	8	100R17
800200027	1	SUSP TO FILTER T	16FLF	16FLF90	46	16	100R3
800200028	1	SUSP TO JUNCTION P	12FLF	12FLF90 LONG DROP	91	12	100R17
800200029	1	FILTER TO JUNCTION T	16FLF	16FLF	34	16	100R4
800200005	2	RAM CYL TO FRAME	8FLF	8FLF	20.5	8	100R17
800200006	2	SWAY CYL TO FRAME	8FLF	8FLF	25.5	8	100R17
800200032	1	L1 TO FRAME	8FLF	8FLF90	15	8	100R17
800200033	1	L2 TO FRAME	8FLF	8FLF90	16.75	8	100R17
800200034	1	R1 TO FRAME	8FLF	8FLF	21	8	100R17
800200035	1	R2 TO FRAME	8FLF	8FLF	19	8	100R17
800200182	1	JUNCTION TO COOLER	12FLF	12FLF90	121	12	100R1-AT
800200037	1	LHC TO ST. CYL	6FLF	6FLF90	90.5	6	100R17
800200038	1	RHC TO ST. CYL	6FLF	6FLF90 LONG DROP	91.5	6	100R17
800200173	1	COOLER TO PUMP	16FLF	16FLF	87	16	100R4
800200147	1	PISTON S TO RES.	16FLF45	16FLF	37	16	100R4
800200183	1	GEAR S TO RES.	16FLF	16FLF45	27	16	100R4
800200149	1	PISTON P TO JUNCTION	12FLF	12FLF90 LONG DROP	21.5	12	100R17
800200018	1	CASE D TO JUNCTION	6FLF	6FLF90	25.5	6	100R17
800200150	1	JUNCTION TO TANK T	16FLF	16FLF45	56	16	100R3
800200151	1	JUNCTION TO SPRING CAN	4FLF	6SLF 90 SHORT DROP	34.5	6	100R17
800200152	1	COOLER LH TO BTM TRANS	12FLF	12FLF45	73.5	12	100R1-AT
800200153	1	COOLER RH TO TOP TRANS	12FLF	12FLF	59.5	12	100R1-AT
800200192	2	SWAY CYL ROD TO FRAME	6FLF	6FLF	25.5	4	100R17
800200193	1	LEFT FRAME TO RETURN	8FLF	6FLF 45	32	6	100R17
800200194	1	RIGHT FRAME TO RETURN	8FLF	6FLF	14	6	100R17
800200154	1	REAR PRESSURE ADJ ON GO	6FLF	6FLF 90 LONG DROP	42.5	4	100R17
800200155	1	REAR RETURN ADJ ON GO	6FLF	6FLF 90	40.5	4	100R17
800200156	1	FRONT PRESSURE ADJ ON GO	6FLF	6FLF 45	22	4	100R17
800200157	1	FRONT RETURN ADJ ON GO	6FLF	6FLF 45	21	4	100R17
800200111	2	BUTT END CROSSOVER ADJ ON GO	6FLF 90	6FLF 90	36	4	100R17
800200112	2	ROD END CROSSOVER ADJ ON GO	6FLF 90	6FLF	42	4	100R17
800200160	1	RA TO CYL ADJ ON GO	6FLF	6FLF	91	4	100R17
800200161	1	RB TO CYL ADJ ON GO	6FLF	6FLF 90	108	4	100R17
800200115	1	LA TO CYL ADJ ON GO	6FLF	6FLF	110	4	100R17
800200116	1	LB TO CYL ADJ ON GO	6FLF	6FLF 90	127	4	100R17
800200117	2	RA AND LA TO FRONT BLKHD ADJ ON GO	6FLF	6FLF 90 LONG DROP	115	4	100R17
800200118	2	RB AND LB TO FRONT BLKHD ADJ ON GO	6FLF	6FLF 90	116	4	100R17
800200119	1	LA BLKHD TO RAM END ADJ ON GO	6FLF	6FLF 90 LONG DROP	29	4	100R17
800200167	1	LB BLKHD TO RAM END ADJ ON GO	6FLF	6FLF 90	41	4	100R17
800200121	1	RA BLKHD TO BUTT END ADJ ON GO	6FLF	6FLF 90 LONG DROP	67	4	100R17
800200122	1	RB BLKHD TO RAM END ADJ ON GO	6FLF	6FLF 90	81	4	100R17

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Hydraulic Hoses • AS1010

Part Number	Qty	Description	Fitting #1	Fitting #2	Length	Size	Material
800200061	2	STEERING UNIT TO JUNCTION	6FLF 45	8FLF	38	6	100R17
800200062	1	STEERING UNIT RETURN	8FLF 45	8FLF	35	8	100R17
800200063	1	STEERING UNIT PRESSURE	8FLF 45	8FLF	35	8	100R17
800200064	1	JUNCTION TO STAIR BULKHEAD	6FLF	4FLF 90	54.5	4	100R17
800200130	1	STAIR BLKH TO LADDER CYL	6FLF	6FLF 90	18.5	4	100R17
800200158	2	MASTER CYL TO BLKH	2PF	4FLF 90	34	4	100R17
800200067	1	STEEL LINE TO DIFF RIGHT	4FLF 90	4 COMP	27.25	4	100R17
800200068	1	STEEL LINE TO DIFF LEFT	4FLF 90	4 COMP	37.25	4	100R17
800200159	1	LHC TO AUTO STEER	6FLF	6FLF 90	17	6	100R17
800200162	1	RHC TO AUTO STEER	6FLF	6FLF 90	20	6	100R17
800200163	1	AUTO STEER TO STEERING MOTOR	8FLF	8FLF 45	48.5	8	100R17
800200164	1	PRESSURE TO AUTO STEER	8FLF	8FLF 90	39	8	100R17
800200165	1	AUTO STEER TO RETURN	6FLF 45	8FLF	22	6	100R17
826000222	2	ACCUMULATOR TO RAM	20FLF	20FLF	37	20	100R2
800200048	1	LEFT CYLINDER TO RIGHT CYLINDER	6FLF	6FLF	152	6	100R17
800200049	1	BULKHEAD TO RIGHT CYLINDER	6FLF	6FLF 90	128	6	100R17
800200050	1	BULKHEAD TO LEFT CYLINDER	6FLF	6FLF 90	59	6	100R17

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Non-Hydraulic Hoses

Part Number	Qty	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800325	8 feet	Fuel Line 3/8” H177	Cummins Engine
RM800500	6 feet	Fuel Line 1/2”	Cummins Engine
RM800650	21 feet	Hose Heater Black H168	Cummins Engine
420110005	1	Hose, A/C Evap to Comp	A/C
420110006	1	Hose, A/C Drier to Evap	A/C
420110007	1	Hose, A/C Comp to Cond Cummins	A/C, 420120001 Switch A/C Pressure Binary
420110009	1	Hose, A/C Cond to Drier Cummins	A/C
201199098	8 inch	Hose, 2” Silicone Hose for Charge Air	Cooling Package
201200007	4	Coupler, Nomex 3” ID 6” Long	Cooling Package
520400104	8 inch	Hose Coupling 1.75”	Cooling Package
RM800100	4 feet	Fuel Line, 1/4” H175	Cooling Package
RM800850	4 feet	Hose, 1” Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2” AG Suction EPDM 3	Rinse Tank
RM800950	16 feet	Hose, 1 1/2” AG Suction EPDM 3	Poly Product Tank
RM801050	8 feet	Hose, 2” AG Suction EPDM 3	Poly Product Tank
RM801075	4 feet	Hose, 3” AG Suction EPDM 3	Poly Product Tank High Flow
RM800950	16 feet	Hose, 1 1/2” AG Suction EPDM 3	Poly Product Tank High Flow
RM801050	8 feet	Hose, 2” AG Suction EPDM 3	Poly Product Tank High Flow
RM800850	16 feet	Hose, 1” Rubber AG300	Stainless Product Tank
RM800950	16 feet	Hose, 1 1/2” AG Suction EPDM 3	Stainless Product Tank
RM801050	4 feet	Hose, 2” AG Suction EPDM 3	Stainless Product Tank
RM800850	16 feet	Hose, 1” Rubber AG300	Stainless Product Tank High Flow
RM801050	16 feet	Hose, 2” AG Suction EPDM 3	Stainless Product Tank High Flow
RM801075	2 feet	Hose, 3” AG Suction EPDM 3	Stainless Product Tank High Flow
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump
RM800850	15 feet	Hose, 1” Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2” AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump High Flow
RM800850	15 feet	Hose, 1” Rubber AG300	Product Pump High Flow
RM801075	2 feet	Hose, 3” AG Suction EPDM 3	Product Pump High Flow
RM800876	21 feet	Hose, 1 1/2” Flat Inductor	Inductor
RM800850	30 feet	Hose, 1” Rubber AG300	Rotoflush
RM800850	20 feet	Hose, 1” Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1” Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2” Pushlock	Fence Row Nozzle
RM800850	6 feet	Hose, 1” Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4” Clear Vinyl	Foam Marker, Smucker

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Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments, Where Used
800302208	2	FITTING, 8 FLM X 12 ORM 90	6801-8-12	GEAR PUMP PRESSURE FILTER
800405000	4	FITTING, 8 FLM X 6 ORM	6400-08-06	SWAY CYL
800302450	2	FITTING, 20 FLM X 24 ORM	6400-20-24	RAM CYL
800302147	2	FITTING, 16 FLM X 24 ORM	6400-16-24	HYD FILTER
800404265	1	FITTING, 16 FLM X 16 ORM 90	6801-16-16-NWO	RH COOLER
800302148	2	FITTING, 12 FLM X 12 PM LONG	2404-LL-12-12	TRANS COOLER
800304505	4	FITTING, 8 FLM X 8 FLM BLKHD	2700-LN-08-08	SUSP BLKHD
800302459	4	FITTING, 6 FLM X 6 FLM BLKHD	2700-LN-06-06	STEERING BLKHD
800302206	2	FITTING, 4 FLM X 4 FLLS BLKHD ST	C2707-LN-04-04	BRAKE BLKHD
800404254	1	FITTING, 12 FLM X 16 ORM 90	6801-12-16-NWO	LH COOLER
800302161	1	FITTING, 4 PM X 6 HB	2113-06-04	VENT LINE
800302445	2	FITTING, 8 FLM X 8 ORM	6400-O-8-8	PRODUCT PUMP
800403640	2	FITTING, 20 FLF X 20 FLM 90	6500-20-20	RAM CYL
800302196	2	FITTING, 4 FLF X 2 PF	6506-02-04	BRAKE PRESSURE SWITCH
800302168	2	FITTING, 4 FLM X 4 FLM X 4 FLF	6602-04-04-04	BRAKE PRESSURE SWITCH
800302207	2	FITTING, 8 FLM X 8 FLF 45	6502-8-8	PRODUCT PUMP
800303022	2	FITTING, 6 FLM X 6 ORM	6400-06-06	SWAY CYL RETURN
800302195	1	FITTING, 8 FLF X 8 FLM X 8 FLM	6602-08-08-08	SUSPENSION RETURN
800302159	1	FITTING, 8PM X 10 BARB ST	2113-10-08	CUMMINS ENGINE
800404265	1	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NOW	CUMMINS ENGINE
800460095	1	FITTING, 20 FLM X 32 CODE 61	1700-20-32	CUMMINS ENGINE
800302145	1	FITTING, 12FLM X 16 CODE 61 90	1704-12-16	CUMMINS ENGINE
800450020	1	1” CODE 61 FLANGE KIT	1901-16	CUMMINS ENGINE
800450050	1	KIT SPLIT FLG 2” CODE 61	1901-32	CUMMINS ENGINE
800303032	1	FITTING, 8FLM X 10OM	6400-O-08-10	CUMMINS ENGINE
800302403	1	FITTING, 6FLM X 10OM	6400-06-10-O	CUMMINS ENGINE
800302454	1	FITTING 20FLF X 16FLM	2406-20-16	CUMMINS ENGINE
800302149	1	FITTING 16FLM X 16FLF X 16FLM	6600-16-16-16	CUMMINS ENGINE
800403640	1	FITTING, 20FLF X 20FLM 90	6500-20-20	CUMMINS ENGINE
800302162	1	FITTING, 12PM X 10HB 90	4501-10-12	CUMMINS ENGINE
800302453	2	FITTING 12 FLM X 8 BSPP	7002-12-8-BS	CUMMINS ENGINE
800403625	1	FITTING 12FLF X 12FLM 90	6500-12-12	CUMMINS ENGINE
800302181	1	FITTING, 8 FLM X 8 FLF 90	6500-08-08	CUMMINS ENGINE
800302459	4	FITTING, 6FLM X 6FLM BLKHD	2700-LN-06-06	ADJUST ON THE GO
800404215	12	FITTING, 6FLM X 6OR 90	6801-NOW-06-06	ADJUST ON THE GO
800302193	6	FITTING, 6FLM X 6ORM 90 X LONG	6801-LL-NOW-06-06	ADJUST ON THE GO
800303022	7	FITTING, 6FLM X 6ORM	6400-O-06-06	ADJUST ON THE GO
800303024	1	FITTING, 6FLM X 8ORM	6400-O-06-08	ADJUST ON THE GO
800501040	2	FITTING, 6FLF X 6FLM X 6FLM	6602-06-06-06	ADJUST ON THE GO
800404219	2	FITTING, 6FLM X 6ORM 90 .046 ORF.	6801-06-06-NOW FG#R0.046	ADJUST ON THE GO
800502805	4	FITTING, 6FLM X 6FLF X 6FLM	6600-06-06-06	ADJUST ON THE GO
800310330	1	FITTING, 6FLF X 6FLM 90	6500-06-06	ADJUST ON THE GO
860000005	1	STEERING UNIT, DANFOSS	OSPC 125 ON 150N2234	STEERING MOTOR
800302174	1	FITTING 8 FLM X 8 ORM 90 X LONG	6801-LL-NWO-08-08	STEERING MOTOR
800302445	1	FITTING 8 FLM X 8 ORM	6400-O-08-08	STEERING MOTOR
800303024	2	FITTING 6 FLM X 8 ORM	6400-O-06-08	STEERING MOTOR

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Part Number	Qty	Description	Manufacturer Part Number	Comments, Where Used
800302170	1	FITTING, 6FLM X 6ORM 90 ORF .032	6801-06-06-NOW FG#R0.032	STATION TWO
800302194	1	FITTING 4PM X 4HB	2113-04-04	STATION TWO
800302172	2	4FLM X 12MM OM W/ WASHER	7005-04-LL08-12	STATION TWO
640020010	2	FITTING, 1/8NPT X 1/4 TUBE 90	A4ME4-MG	STATION TWO
800302173	1	FITTING, 1/8NPT NIPPLE	5404-02-02	STATION TWO
800302202	2	FITTING, 3/16COMP X 1/8PM	C2404-03-02	STATION TWO
800404215	4	FITTING, 6 FLM X 6 ORM 90	6801-06-06-NWO	STEERING CYLINDER
800501040	2	FITTING, 6FLM X 6FLM X 6FLF	6602-06-06-06	AUTO STEER
800302195	1	FITTING, 8FLM X 8FLM X 8FLF	6602-08-08-08	AUTO STEER
800302190	2	FITTING, 24 ORM X 24 ORM ST	3474-24-24-NCOO	REAR ACCUMULATOR
800302450	2	FITTING, 20 FLM X 24 ORM	6400-20-24-0	REAR ACCUMULATOR
800302177	1	FITTING, 1/8 NPT PLUG	5406-HP-02	LADDER CYLINDER
800303027	2	FITTING, 8ORM X 3/8” HB 90	4601-06-08-NWO	FUEL TANK
800000641	1	FITTING, 16ORM HEX HEAD PLUG	6408-H-16-O	FUEL TANK
800302459	1	FITTING 6 FLM X 6 FLM BLKHD	2700-LN-06-06	FUEL TANK
800302153	1	FITTING 32ORM X 20ORF BUSHING	6410-32-20-O	HYDRAULIC TANK
800302150	1	FITTING 16FLM X 20ORM 90	6400-16-20-NWO	HYDRAULIC TANK
800000641	2	FITTING, 16ORM HEX HEAD PLUG	6408-H-16-O	HYDRAULIC TANK
800404265	1	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NWO	HYDRAULIC TANK
800302154	1	FITTING, SIGHT GLASS 16ORM	LSP1301-16-02	HYDRAULIC TANK
800302410	1	FITTING 16 ORM X 16 FLM ST	6400-16-16-O	HYDRAULIC TANK

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Hydraulic Hose with Fittings

Part Number	Qty	Description	Fitting #1	Fitting #2	Length	Size	Material
800200170	1	PUMP TO PRESSURE FILTER	8 FLF	8 FLF 45	24	8	100R17
800200095	1	RACK TO ACCUMULATOR	6FLF	6FLF90	34	4	100R17
800200171	1	PROD P P TO SUSP BLOCK	8FLF	8FLF 90	87.5	8	100R17
800200171	1	PROD P T TO SUSP BLOCK	8FLF	8FLF 90	87.5	8	100R17
800200027	1	SUSP TO FILTER T	16FLF	16FLF90	46	16	100R3
800200028	1	SUSP TO JUNCTION P	12FLF	12FLF90 LONG DROP	91	12	100R17
800200029	1	FILTER TO JUNCTION T	16FLF	16FLF	34	16	100R4
800200005	2	RAM CYL TO FRAME	8FLF	8FLF	20.5	8	100R17
800200006	2	SWAY CYL TO FRAME	8FLF	8FLF	25.5	8	100R17
800200032	1	L1 TO FRAME	8FLF	8FLF90	15	8	100R17
800200033	1	L2 TO FRAME	8FLF	8FLF90	16.75	8	100R17
800200034	1	R1 TO FRAME	8FLF	8FLF	21	8	100R17
800200035	1	R2 TO FRAME	8FLF	8FLF	19	8	100R17
800200172	1	JUNCTION TO COOLER	12FLF	12FLF	121	12	100R1-AT
800200037	1	LHC TO ST. CYL	6FLF	6FLF90	90.5	6	100R17
800200038	1	RHC TO ST. CYL	6FLF	6FLF90 LONG DROP	91.5	6	100R17
800200175	1	COOLER TO PUMP	16FLF	16FLF	92.5	16	100R4
800200015	1	PISTON S TO RES.	16FLF	16FLF45	29.75	16	100R4
800200016	1	GEAR S TO RES.	16FLF	16FLF45	29.75	16	100R4
800200176	1	PISTON P TO JUNCTION	12FLF	12FLF	22.5	12	100R17
800200177	1	CASE D TO JUNCTION	6FLF	6FLF90	25.5	6	100R17
800200019	1	JUNCTION TO TANK T	16FLF	16FLF90	61.75	16	100R3
800200178	1	JUNCTION TO SPRING CAN	4FLF	6SLF 90	22.5	4	100R17
800200179	1	COOLER LH TO BTM TRANS	16FLF	12FLF90	68.5	12	100R1-AT
800200180	1	COOLER RH TO TOP TRANS	16FLF	12FLF	53.5	12	100R1-AT
800200023	1	TRANS FILTER	12FLF	12FLF 90	10.75	12	100R17
800200024	1	TRANS FILTER	12FLF	12FLF	23	12	100R17
800200192	2	SWAY CYL ROD TO FRAME	6FLF	6FLF	25.5	4	100R17
800200193	1	LEFT FRAME TO RETURN	8FLF	6FLF 45	32	6	100R17
800200194	1	RIGHT FRAME TO RETURN	8FLF	6FLF	14	6	100R17
800200154	1	REAR PRESSURE ADJ ON GO	6FLF	6FLF 90 LONG DROP	42.5	4	100R17
800200155	1	REAR RETURN ADJ ON GO	6FLF	6FLF 90	40.5	4	100R17
800200156	1	FRONT PRESSURE ADJ ON GO	6FLF	6FLF 45	22	4	100R17
800200157	1	FRONT RETURN ADJ ON GO	6FLF	6FLF 45	21	4	100R17
800200111	2	BUTT END CROSSOVER ADJ ON GO	6FLF 90	6FLF 90	36	4	100R17
800200112	2	ROD END CROSSOVER ADJ ON GO	6FLF 90	6FLF	42	4	100R17
800200160	1	RA TO CYL ADJ ON GO	6FLF	6FLF	91	4	100R17
800200161	1	RB TO CYL ADJ ON GO	6FLF	6FLF 90	108	4	100R17
800200115	1	LA TO CYL ADJ ON GO	6FLF	6FLF	110	4	100R17
800200116	1	LB TO CYL ADJ ON GO	6FLF	6FLF 90	127	4	100R17
800200117	2	RA AND LA TO FRONT BLKHD ADJ ON GO	6FLF	6FLF 90 LONG DROP	115	4	100R17
800200118	2	RB AND LB TO FRONT BLKHD ADJ ON GO	6FLF	6FLF 90	116	4	100R17
800200119	1	LA BLKHD TO RAM END ADJ ON GO	6FLF	6FLF 90 LONG DROP	29	4	100R17
800200167	1	LB BLKHD TO RAM END ADJ ON GO	6FLF	6FLF 90	41	4	100R17

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Part Number	Qty	Description	Fitting #1	Fitting #2	Length	Size	Material
800200121	1	RA BLKHD TO BUTT END ADJ ON GO	6FLF	6FLF 90 LONG DROP	67	4	100R17
800200122	1	RB BLKHD TO RAM END ADJ ON GO	6FLF	6FLF 90	81	4	100R17
800200061	2	STEERING UNIT TO JUNCTION	6FLF 45	8FLF	38	6	100R17
800200062	1	STEERING UNIT RETURN	8FLF 45	8FLF	35	8	100R17
800200063	1	STEERING UNIT PRESSURE	8FLF 45	8FLF	35	8	100R17
800200064	1	JUNCTION TO STAIR BULKHEAD	6FLF	4FLF 90	54.5	4	100R17
800200130	1	STAIR BLKH TO LADDER CYL	6FLF	6FLF 90	18.5	4	100R17
800200158	2	MASTER CYL TO BLKH	2PF	4FLF 90	34	4	100R17
800200067	1	STEEL LINE TO DIFF RIGHT	4FLF 90	4 COMP	27.25	4	100R17
800200068	1	STEEL LINE TO DIFF LEFT	4FLF 90	4 COMP	37.25	4	100R17
800200159	1	LHC TO AUTO STEER	6FLF	6FLF 90	17	6	100R17
800200162	1	RHC TO AUTO STEER	6FLF	6FLF 90	20	6	100R17
800200163	1	AUTO STEER TO STEERING MOTOR	8FLF	8FLF 45	48.5	8	100R17
800200164	1	PRESSURE TO AUTO STEER	8FLF	8FLF 90	39	8	100R17
800200165	1	AUTO STEER TO RETURN	6FLF 45	8FLF	22	6	100R17
826000222	2	ACCUMULATOR TO RAM	20FLF	20FLF	37	20	100R2
800200048	1	LEFT CYLINDER TO RIGHT CYLINDER	6FLF	6FLF	152	6	100R17
800200049	1	BULKHEAD TO RIGHT CYLINDER	6FLF	6FLF 90	128	6	100R17
800200050	1	BULKHEAD TO LEFT CYLINDER	6FLF	6FLF 90	59	6	100R17

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Non-Hydraulic Hoses

Part Number	Qty	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800325	8 feet	Fuel Line 3/8” H177	Cummins Engine
RM800500	6 feet	Fuel Line 1/2”	Cummins Engine
RM800650	21 feet	Hose Heater Black H168	Cummins Engine
420110005	1	Hose, A/C Evap to Comp	A/C
420110006	1	Hose, A/C Drier to Evap	A/C
420110007	1	Hose, A/C Comp to Cond Cummins	A/C, 420120001 Switch A/C Pressure Binary
420110009	1	Hose, A/C Cond to Drier Cummins	A/C
201199098	8 inch	Hose, 2” Silicone Hose for Charge Air	Cooling Package
201200007	4	Coupler, Nomex 3” ID 6” Long	Cooling Package
520400104	8 inch	Hose Coupling 1.75”	Cooling Package
RM800100	4 feet	Fuel Line, 1/4” H175	Cooling Package
RM800850	4 feet	Hose, 1” Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2” AG Suction EPDM 3	Rinse Tank
RM800850	16 feet	Hose, 1” Rubber AG300	Stainless Product Tank High Flow
RM801050	16 feet	Hose, 2” AG Suction EPDM 3	Stainless Product Tank High Flow
RM801075	4 feet	Hose, 3” AG Suction EPDM 3	Stainless Product Tank High Flow
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump
RM800850	15 feet	Hose, 1” Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2” AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump High Flow
RM800850	15 feet	Hose, 1” Rubber AG300	Product Pump High Flow
RM801075	2 feet	Hose, 3” AG Suction EPDM 3	Product Pump High Flow
RM800876	21 feet	Hose, 1 1/2” Flat Inductor	Inductor
RM800850	30 feet	Hose, 1” Rubber AG300	Rotoflush
RM800850	20 feet	Hose, 1” Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1” Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2” Pushlock	Fence Row Nozzle
RM800850	6 feet	Hose, 1” Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4” Clear Vinyl	Foam Marker, Smucker

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Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments, Where Used
800302208	2	FITTING, 8 FLM X 12 ORM 90	6801-8-12	GEAR PUMP PRESSURE FILTER
800405000	4	FITTING, 8 FLM X 6 ORM	6400-08-06	SWAY CYL
800302450	2	FITTING, 20 FLM X 24 ORM	6400-20-24	RAM CYL
800302147	2	FITTING, 16 FLM X 24 ORM	6400-16-24	HYD FILTER
800404265	1	FITTING, 16 FLM X 16 ORM 90	6801-16-16-NWO	RH COOLER
800302148	2	FITTING, 12 FLM X 12 PM LONG	2404-LL-12-12	TRANS COOLER
800304505	4	FITTING, 8 FLM X 8 FLM BLKHD	2700-LN-08-08	SUSP BLKHD
800302459	4	FITTING, 6 FLM X 6 FLM BLKHD	2700-LN-06-06	STEERING BLKHD
800302206	2	FITTING, 4 FLM X 4 FLLS BLKHD ST	C2707-LN-04-04	BRAKE BLKHD
800404254	1	FITTING, 12 FLM X 16 ORM 90	6801-12-16-NWO	LH COOLER
800302161	1	FITTING, 4 PM X 6 HB	2113-06-04	VENT LINE
800302445	2	FITTING, 8 FLM X 8 ORM	6400-O-8-8	PRODUCT PUMP
800403640	2	FITTING, 20 FLF X 20 FLM 90	6500-20-20	RAM CYL
800302196	2	FITTING, 4 FLF X 2 PF	6506-02-04	BRAKE PRESSURE SWITCH
800302168	2	FITTING, 4 FLM X 4 FLM X 4 FLF	6602-04-04-04	BRAKE PRESSURE SWITCH
800302207	2	FITTING, 8 FLM X 8 FLF 45	6502-8-8	PRODUCT PUMP
800303022	2	FITTING, 6 FLM X 6 ORM	6400-06-06	SWAY CYL RETURN
800302195	1	FITTING, 8 FLF X 8FLM X 8FLM	6602-08-08-08	SUSPENSION RETURN
800302159	1	FITTING, 8PM X 10 BARB ST	2113-10-08	Cummins Engine
800302416	1	FITTING 20 FLM X 20 PM ST	2404-20-20	Cummins Engine
800404265	2	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NOW	Cummins Engine
800460095	1	FITTING, 20 FLM X 32 CODE 61	1700-20-32	Cummins Engine
800302145	1	FITTING, 12FLM X 16 CODE 61 90	1704-12-16	Cummins Engine
800450020	1	1” CODE 61 FLANGE KIT	1901-16	Cummins Engine
800450050	1	KIT SPLIT FLG 2” CODE 61	1901-32	Cummins Engine
800303032	1	FITTING, 8FLM X 10OM	6400-O-08-10	Cummins Engine
800302403	1	FITTING, 6FLM X 10OM	6400-06-10-O	Cummins Engine
800404254	3	FITTING 12FLM X 16ORM 90	6801-12-16-NOW	Cummins Engine
800302454	1	FITTING 20FLF X 16FLM	2406-20-16	Cummins Engine
800302149	1	FITTING 16FLM X 16FLF X 16FLM	6600-16-16-16	Cummins Engine
800302419	1	FITTING, 16FLM X 16ORM 90 EXT	6801-LL-16-16-NOW	Cummins Engine
800303060	1	FITTING, 12FLM X 16 ORM	6400-12-16-O	Cummins Engine
800403640	1	FITTING, 20FLF X 20FLM 90	6500-20-20	Cummins Engine
800302162	1	FITTING, 12PM X 10HB 90	4501-10-12	Cummins Engine
800302187	1	FITTING, 20 PM X 6 PF BUSHING	5406-20-06	Cummins Engine
800302459	4	FITTING, 6FLM X 6FLM BLKHD	2700-LN-06-06	ADJUST ON THE GO
800404215	12	FITTING, 6FLM X 6OR 90	6801-NOW-06-06	ADJUST ON THE GO
800302193	6	FITTING, 6FLM X 6ORM 90 X LONG	6801-LL-NOW-06-06	ADJUST ON THE GO
800303022	7	FITTING, 6FLM X 6ORM	6400-O-06-06	ADJUST ON THE GO
800303024	1	FITTING, 6FLM X 8ORM	6400-O-06-08	ADJUST ON THE GO
800501040	2	FITTING, 6FLF X 6FLM X 6FLM	6602-06-06-06	ADJUST ON THE GO
800404219	2	FITTING, 6FLM X 6ORM 90 .046 ORF.	6801-06-06-NOW FG#R0.046	ADJUST ON THE GO
800502805	4	FITTING, 6FLM X 6FLF X 6FLM	6600-06-06-06	ADJUST ON THE GO
800310330	1	FITTING, 6FLF X 6FLM 90	6500-06-06	ADJUST ON THE GO
860000005	1	STEERING UNIT, DANFOSS	OSPC 125 ON 150N2234	STEERING MOTOR
800302174	1	FITTING 8 FLM X 8 ORM 90 X LONG	6801-LL-NWO-08-08	STEERING MOTOR

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Part Number	Qty	Description	Manufacturer Part Number	Comments, Where Used
800302445	1	FITTING 8 FLM X 8 ORM	6400-O-08-08	STEERING MOTOR
800303024	2	FITTING 6 FLM X 8 ORM	6400-O-06-08	STEERING MOTOR
800302170	1	FITTING, 6FLM X 6ORM 90 ORF .032	6801-06-06-NOW FG#R0.032	STATION TWO
800302194	1	FITTING 4PM X 4HB	04/04/13	STATION TWO
800302172	2	4FLM X 12MM OM W/ WASHER	7005-04-LL08-12	STATION TWO
640020010	2	FITTING, 1/8NPT X 1/4 TUBE 90	A4ME4-MG	STATION TWO
800302173	1	FITTING, 1/8NPT NIPPLE	02/02/04	STATION TWO
800302202	2	FITTING, 3/16COMP X 1/8PM	C2404-03-02	STATION TWO
800404215	4	FITTING, 6 FLM X 6 ORM 90	6801-06-06-NWO	STEERING CYLINDER
800501040	2	FITTING, 6FLM X 6FLM X 6FLF	6602-06-06-06	AUTO STEER
800302195	1	FITTING, 8FLM X 8FLM X 8FLF	6602-08-08-08	AUTO STEER
800302190	2	FITTING, 24 ORM X 24 ORM ST	3474-24-24-NCOO	REAR ACCUMULATOR
800302450	2	FITTING, 20 FLM X 24 ORM	6400-20-24-0	REAR ACCUMULATOR
800302177	1	FITTING, 1/8 NPT PLUG	5406-HP-02	LADDER CYLINDER
800303027	2	FITTING, 8ORM X 3/8” HB 90	4601-06-08-NWO	FUEL TANK
800000641	1	FITTING, 16ORM HEX HEAD PLUG	6408-H-16-O	FUEL TANK
800302459	1	FITTING 6 FLM X 6 FLM BLKHD	2700-LN-06-06	FUEL TANK
800302153	1	FITTING 32ORM X 20ORF BUSHING	6410-32-20-O	HYDRAULIC TANK
800302150	1	FITTING 16FLM X 20ORM 90	6400-16-20-NWO	HYDRAULIC TANK
800000641	2	FITTING, 16ORM HEX HEAD PLUG	6408-H-16-O	HYDRAULIC TANK
800404265	1	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NWO	HYDRAULIC TANK
800302154	1	FITTING, SIGHT GLASS 16ORM	LSP1301-16-02	HYDRAULIC TANK
800302410	1	FITTING 16 ORM X 16 FLM ST	6400-16-16-O	HYDRAULIC TANK

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Part Number	Qty.	Description	Fitting #1	Fitting #2	Length	Size	Material
800200187	1	RIGHT LIFT CYLINDER ROD TO TEE	6FLF	6FLF90	40	4	100R17
800200188	1	LEFT LIFT CYLINDER ROD TO TEE	6FLF	6FLF90	46	4	100R17
800200189	1	LIFT CYLINDER TEE TO RETURN TEE	8FLF	6FLF	30	6	100R17
800200093	1	SUSP BLK TO BOOM BLK RET.	6FLF	6FLF90	108.5	6	100R17
800200094	1	SUSP BLK TO BOOM BLK PRES.	8FLF	8FLF90	108.5	8	100R17
800200095	1	RACK TO ACCUMULATOR	6FLF	6FLF90	34	4	100R17
800200096	1	ACCUMULATOR TO LEFT LIFT CYL	6FLF	6FLF	24	4	100R17
800200097	1	ACCUMULATOR TO RIGHT LIFT CYL	6FLF	6FLF	30	4	100R17
800200098	2	BOOM BLK TO TILT CYL	6FLF	6FLF	153	6	100R17
800200099	1	BOOM BLK TO LEFT TIP “IN”	6FLF	6FLF	345	4	100R17
800200100	1	BOOM BLK TO RIGHT TIP “IN”	6FLF	6FLF	324	4	100R17
800200101	1	BOOM BLK TO LEFT TIP “OUT”	6FLF	6FLF	328	4	100R17
800200102	1	BOOM BLK TO RIGHT TIP “OUT”	6FLF	6FLF	307	4	100R17
800200103	1	BOOM BLK TO LEFT FOLD “OUT”	6FLF	6FLF	78	4	100R17
800200104	1	BOOM BLK TO RIGHT FOLD “OUT”	6FLF	6FLF	76	4	100R17
800200105	1	BOOM BLK TO LEFT FOLD “IN”	6FLF	6FLF	68	4	100R17
800200106	1	BOOM BLK TO RIGHT FOLD “IN”	6FLF	6FLF	66	4	100R17
826010011	2	TILT ACCUMULATION TO CYLINDER	8FLF	8FLF	36	8	100R17
800200181	2	HOSE 100’ BOOM	6FLF	6FLM	26	4	100R17

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Parts Information Bulletin
#06-1A (Option Kits)

Equipment Technologies
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Parts Information

2006 #06-01A

From: Kevin Covey-Product Support Manager **Subject:** Option Kits
Email: kevin.covey@et-inc.biz

Models Affected: 2006 & Newer Apache Option Kits **Date:** February 13, 2006

This is an informational bulletin only.

The following is a list of kits to add options to the 2006 Apaches after market. The kits include all parts to add the option to the Apache including mounting brackets and hardware.

ET Part Number	Description
K65000027	Chemical Eductor Kit for AS 710, AS1010 & AS1210
K65000029	Fence row nozzle Kit all 2006 & newer, one side w/out foamer
K65000031	Foam marker kit (Smucker Injection) combo booms
K65000032	Auto steer kit (Raven Smartrax) AS1010 or AS1210
K65000033	Roto-flush kit all poly tanks
K65000034	Second rinse tank kit all 2006 and newer
K65000035	Hydraulic adjust on go kit AS1010 & AS1210
K65000036	Foam marker kit (Smucker Injection) straight boom
K65000037	Fence row nozzle Kit all 2006 & newer one side with foamer
K65000038	Auto steer kit (Raven Smartrax) AS510 or AS710
K65000039	Auto boom kit G1 (wheel) all 2006 and newer
K65000040	Auto boom kit G2 (eye) all 2006 and newer
K65000041	Light bar kit (Raven RGL600T Invicta 115)
K65000042	Boom conversion kit 80 to 90 2004-2006 on 15” centers
K65000043	Boom conversion kit 80 to 90 2004-2006 on 20” centers
K65000609	Fender kit front with 28” tires AS710, or AS1010
K65000614	Fender kit front with 28” tires on fixed 90”
K65000610	Fender kit front with 38” tires AS1010 or AS1210
K65000611	Fender kit rear fixed 90” axle only
K65000612	Fender kit rear 42” CC AS710 or AS1010
K65000613	Fender kit rear 48” CC AS1010 or AS1210

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Parts Information

2006 #06-02

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Hydraulic Cylinders

Models Affected: All Apache's

Date: February 13, 2006

This is an informational bulletin only.

The following are a list of hydraulic cylinders and seal kits used on Apache Sprayers. If a cylinder is leaking and the machine is still under the first year of warranty then replace the entire cylinder.

ET Cylinder Part #	Description	Seal Kit Part #
600901509	Boom tilt up/ down cyl 2006 and newer	600901515
600901510	Boom fold in/out cyl 2006 and newer	600901515
600901511	Boom tip cyl 80' & 90' booms 2006 and newer	600901516
600901104**	Boom tip cyl. 100' booms 2002-2004	600901111
600901106	Boom tip cyl 100' booms 2005-2006	N/A
600901508	Boom tip cyl 100' booms 2006 after 3-1-06	N/A
600901402*	Boom rack up/down cyl early 2007 and older	600901404
600901405	Boom rack up/down cyl early 2007 and newer	600901408
100106052	Rear suspension leveling cyl	100106056
100106058	Rear suspension load cyl 510 & 710	100106047
100106059	Rear suspension load cyl 1010 & 1210	100106062
850000123	Ladder cylinder 2005 and newer	N/A
100106500	Front suspension assembly	N/A

*600901402 cylinder on 2004 thru 2006 Apaches have 1 ½" shaft and use seal kit 600901404, 2001-2003 Apaches used the same cylinder with 1 1/8" shaft and use seal kit 600901403. If you order a new cylinder 600901402 it will come with the 1 ½" shaft.

**600901104 is a 3X16" cross tie rod cylinder. Used on 100' boom tips 2002-2004 and some 2006 Apaches. This cylinder would have four bolts running the length on the barrel.

NOTE: Cylinder 600901101 was the part number for the boom fold in/out and tilt up/down for 2001-2005 Apaches. That was a 3X10 cylinder uses seal kit 600901115. Due to multiple cylinder venders on this same cylinder, it maybe possible that this seal kit will not work in a 600901101 cylinder, if that is the case there is not a seal kit for that cylinder and one must replace the cylinder. Boom tip cylinders that are 2 ½" diameter used in 2004 and earlier use seal kit 600901114.

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Parts Information

2006 #06-04

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Steering Cylinders

Models Affected: All Apache's

Date: February 22, 2006

This is an informational bulletin only.

This bulletin is to outline changes in part numbers and cylinders for steering on Apaches.

ET part #	Description	Seal kit #
850000000	Steering cylinder used on 1997-2001 Apaches w/ 110hp or 130hp Cummins engines; also used for all adjust on go cylinders 2002-2006	850000001
850000050	Steering cylinder used on 2004-2006 500 series, AS500, AS510, & AS710 Apaches	850000051
850000118	Steering cylinder used on all 2004-2006 Apaches w/ 170hp, 200hp, 205hp, or 275hp engines. 1" cylinder rephrasing, no longer a stocked cylinder	850000114
850000115	Steering cylinder used on all 2001-2003 Apaches w/ 170hp, 200hp, 275hp engines. No longer a stocked cylinder	850000011
850000110	Steering cylinder ¾" rod used on early Cherokees and 2000 790 Apaches with rephase steering. No longer a stock cylinder must change up to 850000126, change ball joints, & mounts	850000111
850000129*	Steering cylinder used on 2006 and newer Apaches (AS1010 & AS1210) after 2-1-06 this cylinder replaces 850000110, 850000115, & 850000118 this is a 1" cylinder rephasing.	850000132

*If a 2005 or 2006 Apache (AS850, AS1000, AS1010, or AS1210) front wheels are toeing in while the machine is turned off and parked, then replace the cylinders with the 850000129. In doing so you must replace both cylinders at the same time and reset toe in.

If a cylinder is leaking and the machine is still under the first year of warranty coverage, then replace the cylinder do NOT install a seal kit. ET part numbers are stamped on the barrel of each cylinder.

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Parts Information

2006 #06-05

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Boom Accumulators

Models Affected: All Apache's

Date: February 24, 2006

This is an informational bulletin only.

This bulletin is to outline the changes recently made in part numbers for boom accumulators used on 1999 to current Apaches. Part #'s 600901512 (rear center rack) and 600901513 (boom wing) are the new accumulators. They will directly replace the 600901300 & 600901301 accumulators. When ordering the new accumulator 600901512 you will need to order clamp #201300001. When ordering 600901513 you will need to order fitting # 800303030 and clamp #600901522.

All accumulators listed below are charged at 200-PSI; there are no repair kits available for any of these accumulators. The rear boom rack accumulators are larger in physical size (round & fat) and the boom wing accumulator smaller in size and longer (skinnier).

The boom accumulators 600901300 & 600901301 were used on 1999-2005 Apaches with the precision booms. Use charging kit part # 980000403. Note the red caps on accumulators are a way to identify this accumulator. Once the spare parts stock is gone on these two accumulators then we will only stock the new style accumulators.

Boom rear center rack accumulator
Part# 600901301

Boom wing accumulator
Part# 600901300

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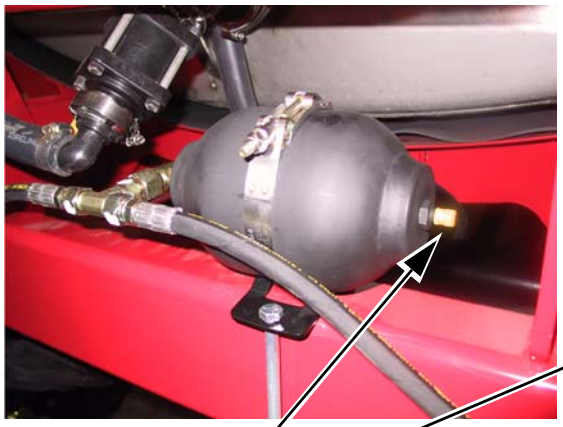
The boom accumulators 600901512 & 600901513 are used on 2006 & newer Apaches. There are two versions of these accumulators used on 2006 Apaches.

Boom rear center rack accumulator
Part# 600901512 version # 1

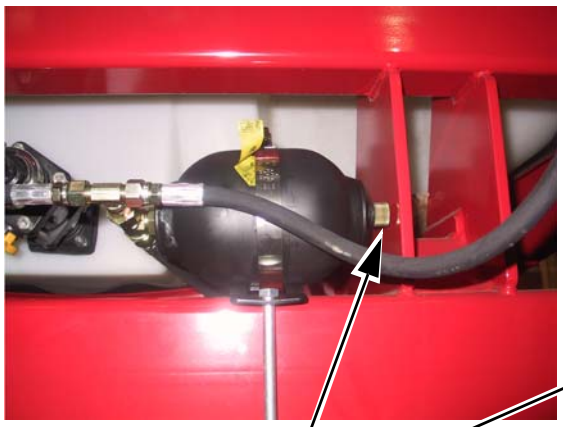


Boom wing accumulator part# 600901513
version # 1

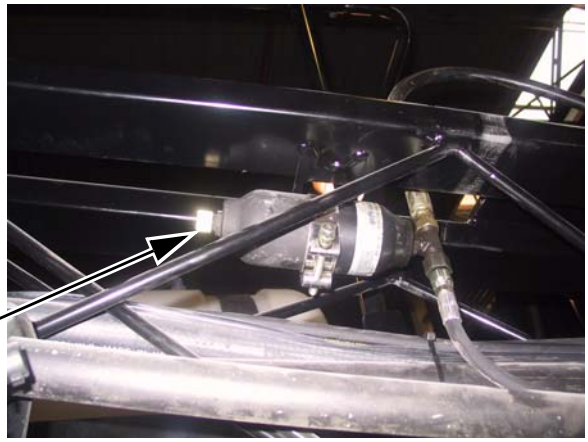
Note the yellow caps on these accumulators. This is indication of being version # 1 and that it has a standard Schrader valve. This version uses charging kit part # 550000000.

Version #2 will be the only stocked accumulators for spare parts. This version will be cut in on production February 2006. Use charging kit part # 980000403.

Boom rear rack accumulator
Part# 600901512 version # 2



Boom wing accumulator part # 600901513
version # 2



Note the caps on these accumulators are gold in color and have grooved edges for tightening.

Note: Accumulators cannot be shipped via UPS charged. If you ship one on UPS you must first drain all the nitrogen out of the accumulator and make sure to communicate to the receiving party that they will need to charge the accumulator prior to installation.

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Parts Information

2006 #06-06

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Front Suspension Assemblies

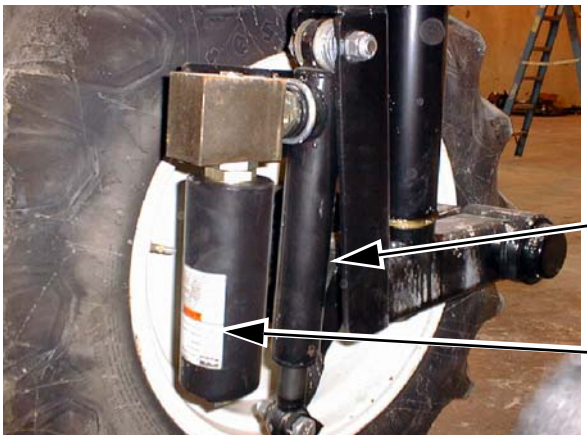
Models Affected: All Apache's

Date: March 29, 2006

<u>This is an informational bulletin only.</u>

This bulletin is to outline changes in the front suspension assembly for all Apaches with suspension. Additional information please ref to Service Bulletin #03-08 and Service Bulletin #05-06

The original front suspension assembly version # 1 used model year 1999- mid 2004
The recharging kit for this version is part # 550000000



Block # 100106110
Piston # 100106120
Spring # 100106130
Fitting #800302180
Plug # 800000600
100106050 Cylinder
Seal kit # 100106046*

100106054 Accumulator
Seal kit # 100106049

The parts for this style are still available for replacements and are sold separately.
*This seal kit is the only one available for these cylinders and may not work on all cylinders.
These parts can NOT be purchased as an assembly

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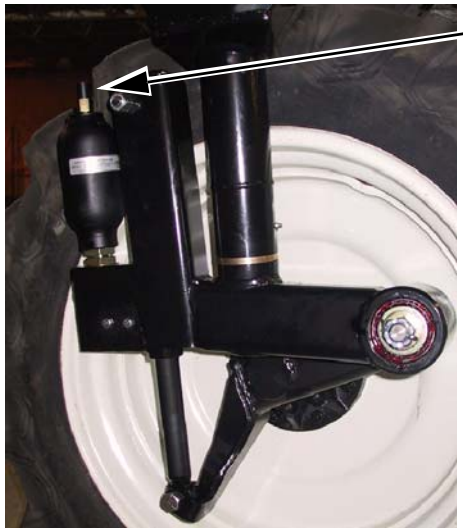
Front suspension assembly 100106500 versions # 2 used late model year mid 2004-mid 2006
The recharging kit for this version is part # 550000000



Standard Schrader Valve

Rebuilt part # 100106510 complete assembly
Cap # for Schrader valve 100106503
Accumulator only # 100106502
Cylinder only # 100106501
Cylinder seal kit # 100106508
*Currently we only stock complete assembly
#'S 100106500 & 100106510
Piston # 100106120
Spring # 100106130
Fitting # 800100621
Plug # 800100622

Front suspension assembly 100106500 versions # 3 used model year mid 2006 thru current
Recharging kit for this version part # 980000403

European style valve

Cap part # 100106511
Accumulator only # 100106502
Cylinder only # 100106501
Cylinder seal kit # 100106508
Cap and Valve part #100106512
Piston # 100106120
Spring # 100106130
Fitting # 800100621
Plug # 800100622

If a front strut assembly fails and the machine is still under warranty please follow this outline:

- If the strut assembly is completely collapsed, then first try to recharge the accumulator as outlined in the 2006 service manual on page 5-13
- If the cylinder is leaking externally or the accumulator will not hold a charge then replace the complete assembly.
- Remember these come shipped fully charged at 850PSI, so they cannot be shipped via UPS. Also some model Apaches requires more or less charge, see service manual.
- See service manual pages 5-13 thru 5-15 for additional service information

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Parts Information

2007 #07-01

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Double Acting Boom Lift Cylinders

Models Affected: All Apaches

Date: February 20, 2007

This is an informational bulletin only.

This bulletin is to inform you of a new part being used on 2007 Apache sprayers and the procedure to follow when installing onto existing Apaches.

Effective 2-12-07 on serial number 907 3249 and after will be using double acting boom rack lift cylinders part number 600901405.

These cylinders replace the former boom rack lift cylinders part number 600901402. We will continue to stock the 600901402 cylinder for replacement parts on older Apaches.

Kit number to use when replacing 600901402 cylinders with the new 600901405:
K65000095 kit contains 2 cylinders (600901405), hydraulic hoses, and fittings needed to install the new style cylinders.

If replacing under first year of warranty:
If replacing a 600901402 cylinder under the first year of warranty coverage with a 600901405 you must replace both cylinders and follow the installation instructions given below. Warranty will cover the entire cost of the repairs under the first year of warranty.

If replacing on any 2006 Apache:
If the Apache is still under first year of warranty then follow the above procedure. If the machine is out of the first year of warranty but still under the second, then we will cover cost of parts only for repairs being made.

If machine is out of warranty:
The customer has the option of staying with the 600901402 when replacing or upgrading to the new 600901405 cylinders at their expense. Remember if replacing a 600901402 with the 600901405 you must replace both cylinders.

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Instructions for replacing 600901402 cylinders with 600901405 cylinders:

1. Place a jack stand under the back rack. Lower the boom to remove weight from the lift cylinders.
2. Remove cylinders.
3. Install new cylinders using existing pins and hardware.
4. Install 90 hose end of 800200188 on the rod end of the left lift cylinder.
5. Install 90 hose end of 800200187 on the rod end of the right lift cylinder.
6. Connect the straight ends of 800200187 and 800200188 using 800302191. Install the #6 hose end of 800200189 to 800302191.
7. Remove the #8 boom valve return hose from the suspension block. Install 800302195 and reattach the return hose.
8. Install #8 hose end of 800200189 to 800302195.

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Parts Information

2007 #07-02

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Rear Wheel Lug Studs

Models Affected: 2004 & Newer Apaches

Date: August 17, 2007

This is an informational bulletin only.

This bulletin is to outline a part and part number change for rear wheel lug studs for 2004 and newer Apaches. This bulletin supersedes all other printed material (i.e. parts books).

Rear wheel lug stud part numbers:

Current Number	Description	New Part Number
301200115*	JCB plantary studs (36” & 42” CC)	350000190
350000185	Drop box stud duals (48” CC)	350000188
350000186	Drop box stud (48’ CC)	350000188
	Dual spacer stud (48’CC)	350000189

*This stud is still available for 2003 and older Apache’s with JCB plantary’s and all Apache 500 gallon models with 31” CC and fixed rear axle.

NOTE: CC means crop clearance height on Apache sprayer.

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Parts Information

2007 #07-03

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Auxiliary Fuse Box

Models Affected: 2007 & Newer Apaches

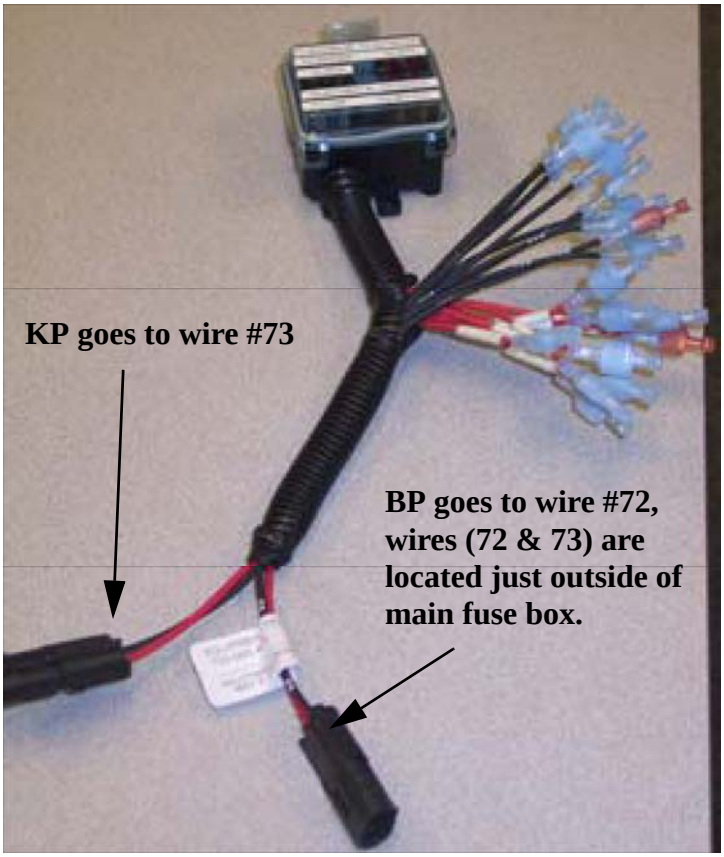
Date: August 17, 2007

This is an informational bulletin only.

This bulletin is to outline the addition of an auxiliary fuse box to be used when adding precision ag equipment to any 2007 or newer Apache. This fuse box provides clean power and ground to any precision equipment that maybe added to an Apache.

This is available for purchase thru spare parts under part number 700000475.

This fuse box can be located on the outside of the fuse box cover in the right rear cab corner. All fuses are labeled and can be used in adding any precision products to your Apache sprayer.



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Parts Information

2007 #07-04

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: 2008 Filter List

Models Affected: 2008 Model Year Apaches

Date: November 12, 2007

This is an informational bulletin only.

Apache 2008 AS710 (155hp John Deere)

Description	ET Part #	Vendor	Part #
Engine oil filter	201450300	John Deere	RE504836
Engine fuel filter	201450302	John Deere	RE509031
Engine in-line fuel filter	201450290	Fleetguard	FF5006
Primary air filter	201300078	Donaldson	P527484
Secondary air filter	201300079	Donaldson	P527680
Transmission filter	300000100	ITL (JCB)	32/915500
Transmission Strainer (inside tran)	300000095	ITL (JCB)	32/902200
Hydraulic filter	840000013	cross not available	
Hydraulic Strainer (in tank)	840000010 (1 7/8”)	cross not available	
Hydraulic Strainer (in tank)	840000011 (3 3/8”)	cross not available	
Cab filter charcoal	490003650	cross not available	
Cab filter (behind seat)	490006660	cross not available	

Apache 2008 AS1010 (215hp Cummins)

Description	ET Part #	Vendor	Part #
Engine oil filter	201450241	Fleetguard	LF3970
Engine fuel filter (between engine & tank)	201450242	Fleetguard	FS19732
Engine fuel filter (mounted on engine)	201450243	Cummins	3978040
Primary air filter (large)	201300116	Donaldson	P608676
Safety air filter (small)	201300117	Donaldson	321925753
Transmission filter	300000101	ITL (JCB)	581/18092
*Transmission filter (Funk Trans)	300100110	Fleetguard	HF6641
Hydraulic filter	840000013	cross not available	
Hydraulic Strainer (in tank)	840000010 (1 7/8”)	cross not available	
Hydraulic Strainer (in tank)	840000011 (3 3/8”)	cross not available	
Cab filter charcoal	490003650	cross not available	
Cab filter (behind seat)	490006660	cross not available	

*This is an optional transmission in the 2008 AS1010 12

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Apache 2008 AS1210 (275hp Cummins)

Description	ET Part #	Vendor	Part #
Engine oil filter	201450241	Fleetguard	LF3970
Engine fuel filter(between engine & tank)	201450242	Fleetguard	FS19732
Engine fuel filter (mounted to engine)	201450243	Cummins 3	978040
Primary air filter (large)	201300116	Donaldson	P608676
Safety air filter (small)	201300117	Donaldson	321925753
Transmission filter	300100110	Fleetguard	HF6641
Hydraulic filter	840000013	cross not available	
Hydraulic Strainer (in tank)	840000010 (1 7/8”)	cross not available	
Hydraulic Strainer (in tank)	840000011 (3 3/8”)	cross not available	
Cab filter charcoal	490003650	cross not available	
Cab filter (behind seat)	490006660	cross not available	

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Parts Information

2007 #07-05

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Hood Ornament

Models Affected: 2005 & Newer Apaches

Date: November 19, 2007

This is an informational bulletin only.

This bulletin is to inform you of a new part available for all 2005 and newer Apache Sprayers.
We are pleased to announce the new Apache hood ornament to help in centering the Apache down rows while spraying.
This ornament is made of pewter and nickel plated for a great finish and durability. The ornament will be held in place with high quality 3M two-sided tape.
Part number 420000126 will get the ornament with the tape already installed. $22.68 is dealer cost for both U.S. and Canadian dealers plus shipping. Ornaments must be ordered from ET thru spare parts. This is not a factory installed option. Mounting instructions can be downloaded from www.apachesprayer.com, see picture below of ornament.

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Parts Information

2007 #07-07

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Boom Assemblies

Models Affected: All Apaches

Date: November 19, 2007

This is an informational bulletin only.

This bulletin is to inform of recent changes in boom wing assemblies and their part numbers.
All 2008 Apache's are built with a refined version of boom wings that have they following features:

- 2"X2" bottom boom tube on the inner boom wings
- New flag pin style "pins" connecting the boom pieces together.
- Improved cylinder mounts on the inner boom wing
- Stainless steel nozzle brackets and hardware
- Improved hinge points at intermediate and breakaway's
- Two bolt adjustments on breakaway's

These booms are used on all 2008 Apache's and were also used on the final 2007 Apache's built in the summer of 2007. There is no clean serial number break for the 2007 models. The best way to tell is by the size of the bottom tube on the inner boom wing and will also use the flag pin style pins to connect the boom pieces together. These new style booms are not interchangeable with the older style booms unless you change both complete boom wing assemblies and hanger brackets. See pictures and part number break downs below for complete details.
See parts list and picture on attached pages

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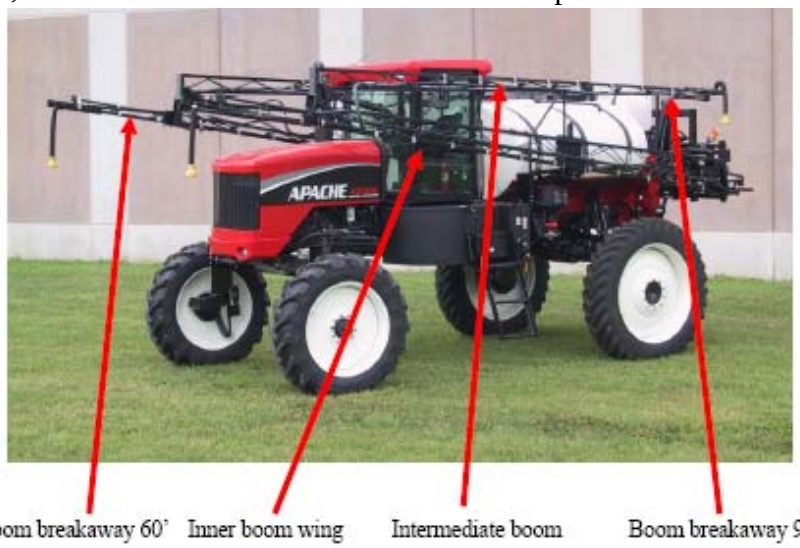
New Style Booms

Part Number	Description
600901124	Pin, Flag pin style inner boom to back rack
600901125	Pin, Flag pin style intermediate boom to inner boom
600901126	Pin, Flag pin style breakaway to intermediate boom
600901232	Boom hanger assembly
600901233	Right hand inner boom wing for 60’, 80’, and 90’ booms
600901234	Left hand inner boom wing for 60’, 80’, and 90’ booms
600901235	Right hand intermediate boom for 80’ booms
600901236	Inner boom wing for 100’ booms for both left & right sides
600901237	Linkage connecting the inner boom to intermediate boom
600901238	Left hand intermediate boom for 80’ booms
600901239	Right hand intermediate boom for 90’ booms
600901246	Left hand intermediate boom for 90’ booms
600901247	Right hand intermediate boom for 100’ booms
600901248	Left hand intermediate boom for 100’ booms
600901251	Boom breakaway and boom back rack shock
Nozzle body brackets for inner boom wings	
600000166	Bracket, nozzle body stainless steel straight (standard) 2”
600000167	Bracket, nozzle body stainless steel offset left hand 2”
600000168	Bracket, nozzle body stainless steel offset right hand 2”
600000169	Bracket, nozzle body stainless steel offset extended left hand 2”
600000170	Bracket, nozzle body stainless steel offset extended right hand 2”
600000171	Bracket, nozzle body stainless steel extended straight) 2”
Nozzle body brackets for intermediate booms and breakaways	
600000174	Bracket, nozzle body stainless steel straight (standard) 1”
600000175	Bracket, nozzle body stainless steel offset left hand 1”
600000176	Bracket, nozzle body stainless steel offset right hand 1”
600901177	Bracket, nozzle body stainless steel offset extended left hand 1”
600000178	Bracket, nozzle body stainless steel offset extended right hand 1”
600000179	Bracket, nozzle body stainless steel extended straight 1”
900031811	Carriage bolt stainless steel for nozzle body brackets
901003001	Nut, nylock stainless steel for 900031811 bolt
600901519	Pin, connecting barrel end of boom tilt & boom fold cyl. to boom
600901520	Pin, connecting rod end clevis of boom tilt & boom fold cyl. to boom
600901521	Pin, cotter for both 600901519 & 600901520 pin



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Parts Information

2007 #07-08

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Field Lighting

Models Affected: 2005 & Newer Apaches

Date: November 20, 2007

This is an informational bulletin only.

This bulletin is to inform you of a new option for 2005 and newer Apache sprayers.

Auxiliary lighting kits are now available for purchase and installations on 2005 and newer Apache sprayers. With this kit you can add up to 8 working lights to the Apache. Each light are 55-watt dual beam halogens with 6 mounting to the cab top and 2 mounting on the rear boom rack pointing to the end of the boom. The cab top lights are completely adjustable and can be located anywhere on the mounting bar.

These kits come with all parts required for installation, on some models it is necessary to replace the alternator and the alternator is included in those kits.

Kit Part Number	Description
K65000109	Kit for 2007 and newer AS1010, AS1210 models
K65000110	Kit for 2005 and newer models AS500, AS510, AS850, AS710
K65000111	Kit for 2005-2006 models AS1010 and AS1210
K65000112	Kit for rear boom rack lights only for 2007 and newer models

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Parts Information

2007 #07-09

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Front Bumper

Models Affected: 2005 & Newer Apaches

Date: November 28, 2007

This is an informational bulletin only.

This bulletin is to inform you of a part and part number change to the front bumper for the 2005 and newer Apaches.

Part number 420000112 is now replaced by part number K65000125.

The new part is on all 2008 Apaches serial number 9083450 and later.

K65000125 includes the bumper and bracket required for mounting to the Apache.

The new bumper is improved to be durable and forgiving, the new bumper can be identified by the two seams that appear on each side (see picture below)

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Parts Information

2007 #07-10

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Chemical Eductor

Models Affected: 2005 & Newer Apaches

Date: December 27, 2007

This is an informational bulletin only.

This bulletin is to inform you of a part and part number change on the chemical educator hose.

Part number RM800875 is now replaced by part number RM800876 and is sold by the foot and uses 12 feet per Apache. Then uses 7 feet of RM800950 1 ½" ag hose for the remained.

Dealers install chemical educator kits for 2005 & newer Apaches will now be K65000126.

This new hose is of a lay-flat material that is more forgiving in the bends off the educator.

New lay flat Eductor hose

The valve handle has changed from red to blue, however the part # 640500031 remains the same

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Service Bulletin
#06-02 (Autosteer Info)

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Service Bulletin

2006 #06-02

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Apache Steering

Models Affected: 1997-Current Apaches

Date: March 15, 2006

This is an informational bulletin only.

The following is information on the steering circuits for all ET products. This should help with the installation of auto steer systems.

2006 & Newer Apaches:
AS510, AS710, AS1010, & AS1210 all use an open center Sauer Danfoss steering motor model # OSPC 125 ON, 7.63 [in^3/ rev.] (ET# 860000005). The oil is supplied from the gear pump to the steering motor.

2005 Apaches:
AS500, AS850, AS1000, & AS1200 all use an open center Sauer Danfoss steering motor model # OSPC 125 ON, 7.63 [in^3/ rev.] (ET# 860000005). The oil is supplied from the gear pump to the steering motor.

2004 Apaches:
500 Series, 850 Series, & 859 use an open center Sauer Danfoss steering motor model#: OSPD 160 ON, 9.76 [in^3 /rev.] (ET# 420500103). The oil is supplied from the gear pump to the steering motor.

1000 Series & 1200 Series use a closed center Sauer Danfoss steering motor model#: OSPB 160 CN, 9.76 [in^3 / rev.] (ET# 420500104). The oil is supplied from the piston pump to the steering motor.

2003 Apaches:
760, 780, 790, 7100, & 859 use an open center Sauer Danfoss steering motor model# 150-N0028 (ET# 420500103). The oil is supplied from the gear pump to the steering motor.

860 Plus, 880 plus, 890 plus, 8100 plus, 1080 plus, 1090 plus, 1280, & 1290 use a closed center Sauer Danfoss steering motor model# 150-0128 (ET# 420500104). The oil is supplied from the piston pump to the steering motor.

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2002 Apaches:
760, 780, 790, 7100, & 859 use an open center Sauer Danfoss steering motor model# 150-N0028 (ET# 420500103). The oil is supplied from the gear pump to the steering motor.
860 Plus, 880 plus, 890 plus, 8100 plus, 1080 plus, 1090 plus, 1280, & 1290 use a closed center Sauer Danfoss steering motor model# 150-0128 (ET# 420500104). The oil is supplied from the piston pump to the steering motor.

2001 Apaches:
760, 780, 790, 7100, & 859 with John Deere 170 hp engines use an open center Sauer Danfoss steering motor model# 150-N0028 (ET# 420500103). The oil is supplied from the gear pump to the steering motor.

860 Plus, 880 Plus, 890 Plus, 8100 Plus, & 790 Plus use a closed center Parker steering motor model# HGF20324 (ET # 420500102). The oil is supplied from the piston pump to the steering motor.

560, 580, 760, 780, & 790 with Cummins 130 hp engines use an open center Parker steering motor model # HGF 20380 (ET# 420500100). The oil is supplied from a tandem pump on the engine.

2000 Apaches:
560, 580, 760, 780, & 790 with Cummins 130 hp engines use an open center Parker steering motor model # HGF 20380 (ET# 420500100). The oil is supplied from a tandem pump on the engine.

1999 Apaches:
560, 580, 760, 780, & 790 with Cummins 130 hp engines use an open center Parker steering motor model # HGF 20380 (ET# 420500100). The oil is supplied from a tandem pump on the engine.

1997-1998 Apaches:
560, 580, with Cummins 110 or 130 hp engines use an open center Parker steering motor model # HGF 20380 (ET# 420500100). The oil is supplied from a tandem pump on the engine.

1999-2001 Cherokee & Cherokee Deluxe:
560, 575, 580 with Cummins 100 or 130 hp engines use an closed center Parker steering motor model # HGA12128 (ET # 420500101). The oil comes from the piston pump.

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Service Bulletin

2006 #06-06

From: Kevin Covey-Product Support Manager
Email: kevin.covey@et-inc.biz

Subject: Fluid and Lubricant Change

Models Affected: All Apaches

Date: December 6, 2006

This is an informational bulletin only.

In an effort to continuously improve the performance and reliability of the Apache sprayer, we at Equipment Technologies are pleased to announce Lucas Oil as our new supplier of fluids and lubricants. All Apaches built on or after December 1, 2006 (serial #907 3145) will be shipped from the factory with Lucas fluids and lubricants. For Apaches built before December 1, 2006 we recommend switching to the following Lucas products at your next service interval:

- Hydraulic System- Lucas Universal Hydraulic Fluid Cat T/04
- Engine- 15w-40 Lucas Magnum
- Transmission- Lucas Universal Hydraulic Fluid Cat T/04
- Differential- Lucas 80/90 Gear Oil
- Brake System- Lucas Universal Hydraulic Fluid
- 90” Fixed Rear Axle- Lucas 80/90 Gear Oil
- Planetary - Lucas 80/90 Gear Oil (AS710 & 42” CC)
- Drop Boxes- Lucas 80/90 Gear Oil (48” CC)
- All Grease Points- X-Tra Heavy Duty Grease

The changing in fluids is most notable in the following components:

1. Both the transmission and hydraulic systems will be using Lucas Universal Hydraulic Fluid.
2. Both the drop box assemblies (48” CC) and the planetary’s (AS710 & 42” CC) will be using Lucas 80/90 Gear Oil.
3. The engine coolant will now be “green” in color.

Lucas Oil is well known for long life and durability in heavy use and high stress applications. The Lucas Oil family of products brings many advantages to the overall life of the Apache. Such as reducing operating temperatures and extending the life of internal bearings.

NOTE: Any fluids used in machines built on or after December 1, 2006 must meet or exceed the Lucas oil specifications. A complete list of Lucas Oil specifications will be available in the coming weeks on our web site.

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Spare Parts Return Policy

Equipment Technologies Inc. (ETI) will accept spare parts returned from our dealers under the following conditions:

- The returning dealer must obtain return goods authorization number (RGA) by contacting the Product Support Manager at ETI Prior to returning any parts.
- The RGA # must be visible on the outside of the shipping container and on any accompanying paper work.
- Any parts returned without an RGA # will be returned to the dealer. The dealer will be responsible for any freight charges
- All parts returned must be clean, new, and in original packaging.
- Parts must have been purchased from ETI within the last twelve months.
- The returning dealer will pay all freight.
- A 15% restocking fee will be charged to the returning dealer on all spare parts returned.
- ETI will allow a dealer to return up to 20% of the total spare parts purchased from ETI in the last calendar year.
- ETI will not accept any returns of any special order parts.
- Any spare parts shipped to a dealer mistakenly by ETI maybe returned to ETI without a restocking fee. ETI will ship the correct parts freight free. The dealer must still obtain an RGA # before returning the parts.
- Any parts ordered by a dealer for work required by a service bulletin/update that were unused maybe returned to ETI without a restocking fee. The parts must be returned within six months of purchase. The dealer must obtain an RGA # prior to returning the parts.
- ETI will inspect all returned parts. ETI will determine the condition of all returned parts. ETI reserves the right to refuse any parts that do not meet the above guidelines.

Any questions concerning the spare parts return policy or to return spare parts please contact Kevin Covey Product Support Manager at (317) 834-4500 Ext. 32 or Email: kevin.covey@et-inc.biz

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Parts Book Update Form

Equipment Technologies
Home of the Apache Sprayer
2201 Hancel Parkway
Mooresville, IN 46158
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Parts Information

All ET Parts Books

From: Derrek Carter-Parts Representative
Email: Derrek.Carter@etsprayers.com

Subject: Parts Book Update

Models Affected: Parts Book, All Years

Please take the time to make good use of this tool.
We are supplying this form so that we can get both feedback, and find any changes that may be necessary. You may use this form for any parts book, both present and future. If you have an idea on how to improve the presentation of the information, we would appreciate the input. If you come across a change that needs to be made, please email or fax a completed copy of this form to the attention of Derrek Carter.

From:…… **Date:**……..

Phone: (___)-___-____ **Year of Parts Book:**……..

Please include part numbers and reference a page number per correction.
Comments:

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