

2005 APACHETM

A5500, A5850, A51000 & A51200 Series

Parts Book

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EQUIPMENT TECHNOLOGIES

2005 APACHETM

AS500, AS850, AS1000 & AS1200 Series

Parts Book

Foreword

The contents of this book contain parts information for all 2005 model Apaches (AS500, AS850, AS1000, and AS1200). This book requires acrobat reader to be installed on your computer to operate. The book is divided into several sections and sub sections. Please pay close attention to the page header and the comments section to determine which parts go on which Apache model. There could be possible errors or omissions in the book. If you find any error and/or omission please contact ETI, so any future revisions can be corrected.

Definitions

The following list provides an explanation of part number codes, acronyms and terms used in this manual.

100, part number prefix for frame, axle & suspension brackets

200, part number prefix for engine parts

300, part number prefix for drive line components, transmissions, differentials, planetary, drop box & drive shafts

400, part number prefix for cab, hood, decals & glass

500, part number prefix for wheels, tires & manuals

600, part number prefix for wet system

700, part number prefix for electrical components

800, part number prefix for hydraulic components

900, part number prefix for hardware & rebuilt components

K, part number prefix for parts available in kit form

CC, Crop Clearance

31" CC, Crop Clearance

34" CC, 34" Crop Clearance

42" CC, 42" Crop Clearance

48" CC, 48" Crop Clearance

Standard front axle, 28" front tires with 8,000 lb. hubs

Heavy Duty front axle, 38" front tires with 12,000 lb. hubs, larger king pins and outer flex's

120"-144", Axle is adjustable from 120" to 144" from center of tire to center of tire

88"-114", Axle is used on machines with these wheel spacing (center of tire to center of tire)

120" fixed, Axle is not adjustable and is center of tire to center of tire

90" fixed, Axle is not adjustable and is center of tire to center of tire

FP, Full port

STD, Standard port

HB, Hose barb

ZP, Zinc plated

SS, Stainless steel

QDC, Quick disconnect

LHC, Left hand cylinder

RHC, Right hand cylinder

AP, Apache

A/R, As Required

FLF, Flared female fitting

FLM, Flared male fitting

ORM, O-ring male

ORF, O-ring female

PM, Pipe male

PF, Pipe female

HHCS, Hex head cap screw

FHCS, Flat head cap screw

Specifications

Apache AS500 and AS850 Series Specifications

	AS500	AS850
Tank Capacity	500 gallons	850 gallons
Engine	140 hp Tier II John Deere 367 ft-lb @ 1400 rpm	170 hp Tier II John Deere 429 ft-lb @ 1400 rpm
Transmission	ITL/JCB Powershift 4-speed, torque converted	
Speeds	1st 0-5 m.p.h. 2nd 0-9 m.p.h. 3rd 0-16 m.p.h. 4th 0-28 m.p.h.	
Brakes	Internal, wet disc self-adjusting	
Suspension	Front Axle Center oscillation with independent hydraulic accumulation. Rear Axle Patented hydraulic load suspension with compensating anti-sway control, self-adjusting for diminishing/increasing load.	
Crop Clearance	31"	34", 42", 48"
Axles	90" Fixed	Narrow fixed: 88" to 90". 48" crop clearance only. Wide adjustable: 120" to 144" (Optional hydraulic adjust)
Final Drive	ITL/JCB Model PD70	Standard: Fairfield all gear drop box Optional: ITL/JCB planetary gear set
Cab	ET custom	ET custom
Weight	15,100 lbs. (approximate) Dry weight with poly tank.	18,033 lbs. (approximate) Dry weight with poly tank.
Width	144" (12')	
Length	22'6"	23'
Height	129" (10'9")	148" (12'4")
Booms	60', 75', 80' 90', 100' 60/80, 60/90	
Boom Height	10" to 70" (approximate)	20" to 80" (48" crop clearance)
Wheel Base	162" (13'6")	173" (14'5")
Tires	Front: 12.4x28 Rear: 380/90R46 Rear: 320/90R50 (optional)	Front: 12.4x28 Front: 380/80R38 (optional) Rear: 380/90R46 Rear: 320/90R50 (optional)
Turning Radius	175" (14'7")	17' (approximate)
Fuel Capacity	100 gallons	
Product Pump	Ace 244 gpm, hydraulically driven centrifugal pump	

Specifications

AS1000 and AS1200 Series Specifications

	AS1000	AS1200
Tank Capacity	1000 gallons	1200 gallons
Engine	205 Cummins Tier II 625 ft-lb @ 1500 rpm	275 Cummins Tier II 730 ft-lb @ 1500 rpm
Transmission	Funk Powershift 6-speed, torque converted	Funk Powershift 6-speed, torque converted
Speeds	1st 0-6 mph 2nd 0-9 mph 3rd 0-11 mph 4th 0-15mph 5th 0-22 mph 6th 0-35 mph	
Brakes	Internal, wet disc self-adjusting	
Suspension	Front Axle: Center oscillation with independent hydraulic accumulation. Rear Axle: Patented hydraulic load suspension with compensating anti-sway control, self-adjusting for diminishing/increasing load.	
Crop Clearance	34", 42", 48"	48"
Axles	Narrow fixed: 88" to 90". 48" crop clearance only. Wide adjustable: 120" to 144" (Optional hydraulic adjust)	Wide adjustable: 120" to 144". (Optional hydraulic adjust)
Final Drive	Standard: Fairfield all gear drop box Optional: ITL/JCB planetary gear set	Fairfield all gear drop box
Cab	ET custom	ET custom
Weight	19,474 lbs. (approximate) Dry weight with poly tank.	20,170 lbs. (approximate) Dry weight with stainless steel tank.
Width	144" (12')	
Height	148"	
Length	23'	
Booms	60', 75', 80', 90', 100' 60/80, 60/90	
Boom Height	20" to 80" (48" crop clearance)	
Wheel Base	173" (14'5")	
Tires	Front: 380/80R38 Rear: 380/90R46	
Turning Radius	17'	
Fuel Capacity	100 gallons	
Product Pump	Ace 244 gpm, hydraulically driven centrifugal pump	

Specifications



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Quick List

2005 Apache Filters, Hydraulic Cylinders, Seal Kits & Belts Filters

ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
201450300	Engine Oil Filter	John Deere	RE504836	AS500 & AS850
201450241	Engine Oil Filter	Fleetguard	LF3970	AS1000 & AS1200
201450301	Engine Fuel Filter	John Deere	RE509031	AS500
201450302	Engine Fuel Filter	John Deere	RE509031	AS850
201450203	Engine Fuel Filter	Fleetguard	FS19519	AS1000
201450201	Engine Fuel Filter	Fleetguard	FS19616	AS1200
201450290	Engine In-Line Fuel Filter	Fleetguard	FF5006	AS500 & AS850
201450202	Engine In-Line Fuel Filter	NAPA	3299	AS1000 & AS1200
201300078	Air Filter Primary	Donaldson	P527484	All Models
201300079	Air Filter Secondary	Donaldson	P527680	All Models
300000100	Transmission Filter	ITL(JCB)	32/915500	AS500 & AS850
300000095	Transmission Strainer	ITL(JCB)	32/902200	AS500 & AS850
300100110	Transmission Filter	Fleetguard	HF6641	AS1000 & AS1200
840000013	Hydraulic Return Filter	Cross not available		All Models
840000010	Hydraulic Strainer (in tank)	Cross not available		All Models
840000011	Hydraulic Strainer (in tank)	Cross not available		All Models
490003650	Cab Filter Charcoal	Cross not available		All Models
490006660	Cab Filter (behind seat)	Cross not available		All Models

Hydraulic Cylinders & Seal Kits

ET Part Number	Description	Seal Kit Part Number	Apache Model
850000050	Steering Cylinder	850000001	AS500
850000129*	Steering Cylinder	850000132	AS850, AS1000 & AS1200
100106500	Front Suspension Assembly	100106510 (rebuilt)	All Models
850000123	Ladder Cylinder	N/A	All Models
100106052	Rear Suspension Leveling (small)	100106056	All Models
100106058	Rear Suspension Load (large)	100106047	AS500 & AS850
100106059	Rear Suspension Load (large)	100106062	AS1000 & AS1200
600901101 (replaced by 600901510, also need 2 each of 800303022 & 800404214 fitting & orifices)	Boom Inner Fold Cylinders	600901115 (This is only kit offered for this cylinder. If it does not work, then cylinder must be replaced.)	All Models
600901101 (replaced by 600901509, also need 1 of 800303020)	Boom Tilt Cylinders	600901115 (This is only kit offered for this cylinder. If it does not work, then cylinder must be replaced.)	All Models
600901201 (replaced by 600901511, also need 2 each of 800303022 & 800404214 fitting & orifices)	Boom Breakaway Cylinders 60', 80', 90' Booms	600901114 (This is only kit offered for this cylinder. If it does not work, then cylinder must be replaced.)	All Models
600901106 (replaced by 600901508)	Boom Breakaway Cylinders 100' Booms	N/A	All Models
600901402**	Boom Rear Rack Lift Cylinders	600901404	All Models

*Note: Steering cylinder 850000118 (seal kit 850000114) on some machines should be replaced with 850000129 (seal kit 850000132).

**Note: You may replace both cylinders at the same time with kit # K65000095. This has the barrel end of cylinder to hydraulic return.

Note: Part numbers are not stamped on the barrel of the boom cylinders on 2005 Apaches.

Quick List

Belts

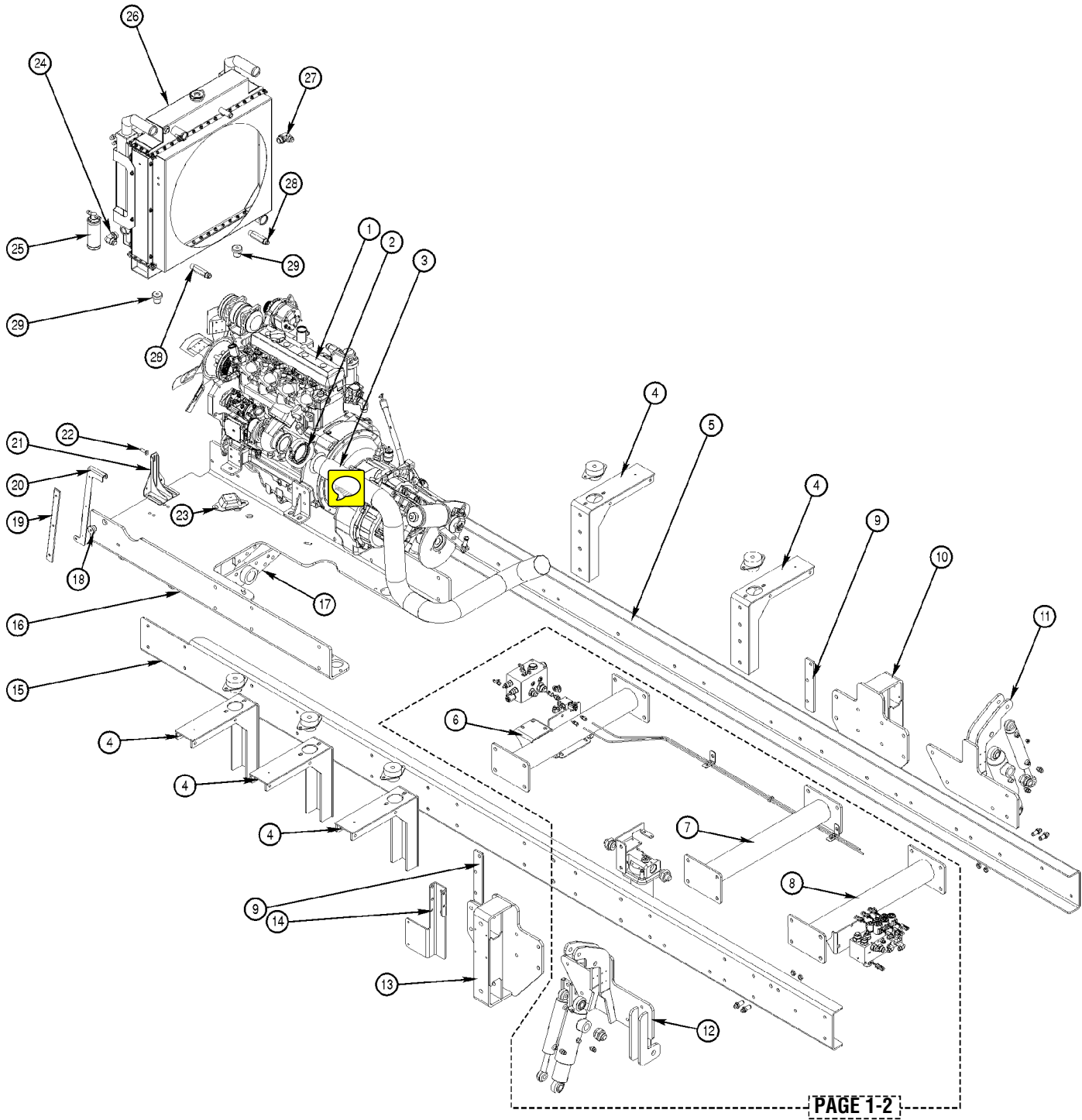
ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
201450502	Engine Fan	John Deere	R123439	AS500
201450506	Engine Fan	John Deere	R122126	AS850
200100027	Engine Fan	Cummins	3289257	AS1000 & AS1200
420130006	A/C Belt	NAPA	257460	AS500 & AS850
420130004	A/C Belt	NAPA	9455	AS1000 & AS1200

Station 1

FRAME • AS500 & AS850

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Frame
AS500 & AS850



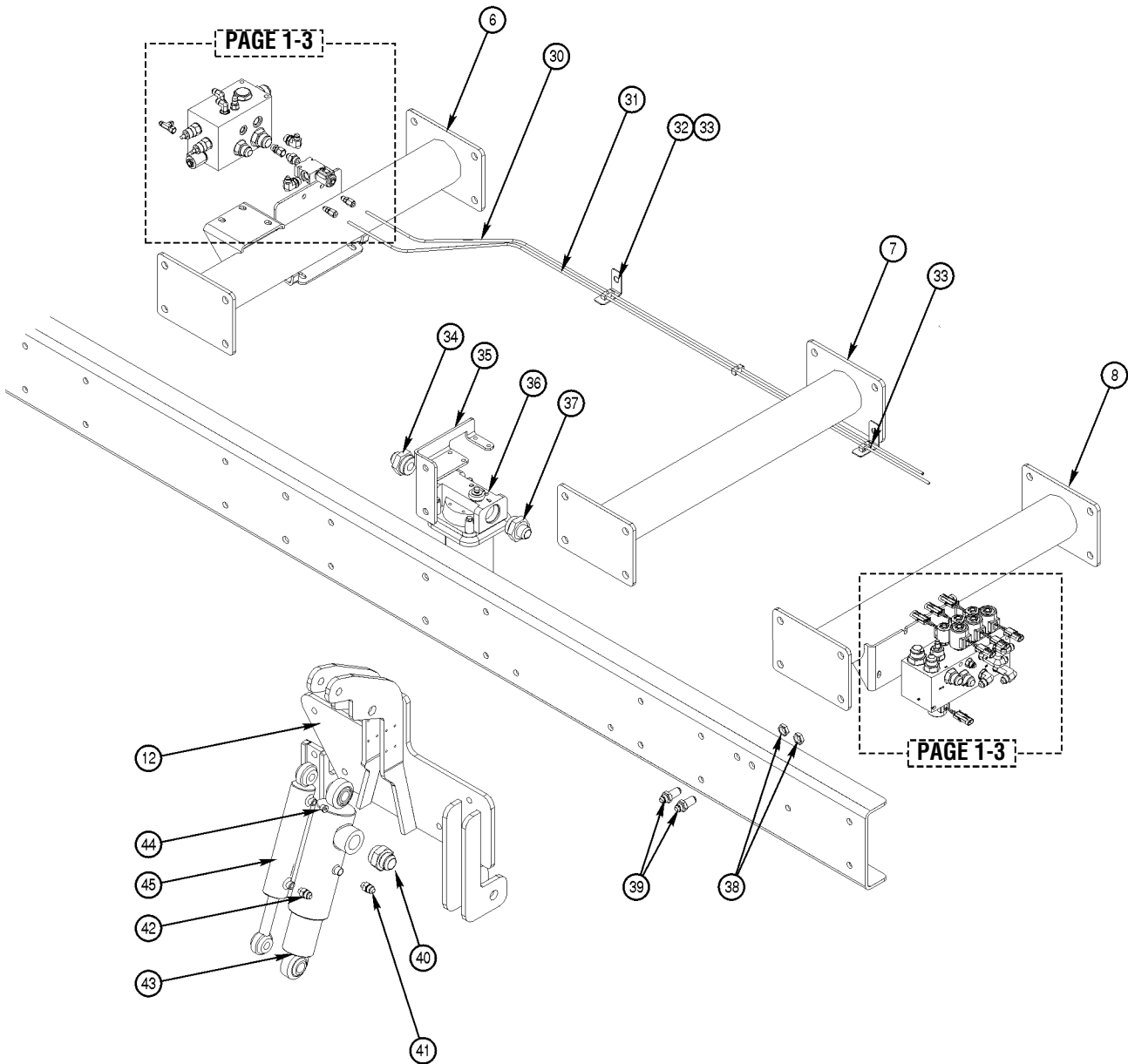
Item	Part Number	Qty	Description	Size	Comments
1A	ENGJD170 (05)	1	AS850 Series Engine		AS850 only
1B	ENGJD140 (05)	1	AS500 Series Engine		AS500 only
2	290000752	1	Exhaust clamp		
3	201100003	1	Front exhaust pipe		
4	100100601	5	Tank mounts, hyd & fuel		
5	100100020	1	Frame rail, RH		
6	100100101	1	Front frame cross-member		
7	100100100	1	Middle frame cross-member		
8	100100102	1	Rear frame cross-member		
9	100100615	2	Backing plate		
10A	100105058	1	Front suspension bracket		AS850 only
10B	100105057	1	Front suspension bracket		AS500 only Can also use 100108058 as replacement.
11A	100108018	1	Suspension bracket right		AS850 only
11B	100108000	1	Suspension bracket right		AS500 only
12A	100108017	1	Suspension bracket left		AS850 only
12B	100108010	1	Suspension bracket left		AS500 only
13A	100108058	1	Front suspension bracket		AS850 only
13B	100108057	1	Front suspension bracket		AS500 only Can also use 100108058 as replacement.
14	690000004	1	Product pump bracket		
15	100100000	1	Frame rail, LH		
16	100100201	1	Engine bolster		
17	100100221	2	Bearing carrier front bolster		100100286 is bushing for carrier
18	201200009	2	Bushing		
19	201200071	2	Wear strip		Obsolete, per update 25013
20A	201200073	1	Hood guide, left		
20B	201200074	1	Hood guide, right		
21	420000109	1	Hood bracket		
22	420000115	1	Hood striker		
23	290001000	2	Front engine isolator mount		
24	800404265	1	Fitting, 16 FLM X 16 ORM		
25	420120500	1	Dryer, air conditioner		
26	201200063	1	Radiator assembly		
27	800404254	1	Fitting, 12 FLM X 16 ORM 90		
28	800302148	2	Fitting, 12 FLM X 12NPT X LONG		
29	490002610	2	Radiator isolator mount		
	490002640	1	Rear cab isolator		Not shown
	100100507	1	Rear cab support bracket		Not shown
	200100310		Intake tube, blue		Not shown

Station 1

FRAME • AS500 & AS850

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Frame Detail 1



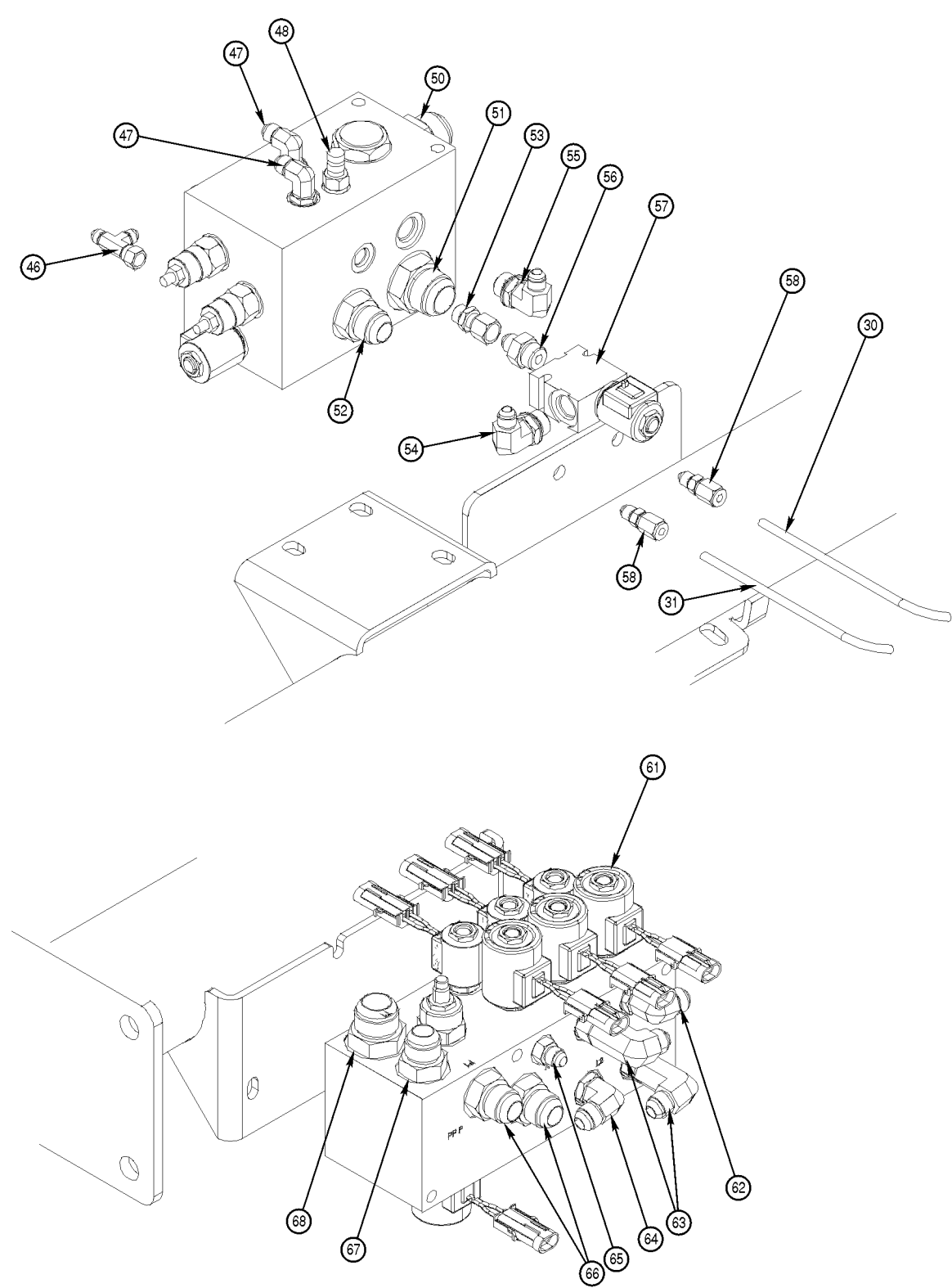
Item	Part Number	Qty	Description	Size	Comments
6	100100101	1	Front frame cross-member		
7	100100100	1	Frame cross-member		
8	100100102	1	Rear frame cross-member		
12	100108010	1	Suspension bracket assembly LH		AS500 only
12A	100108017	1	Suspension bracket assembly LH		AS850 only
30	825000100	1	Brake line		
31	825000200	1	Brake line		
32	190100200	1	Brake line bracket		
33	915002000	1	Brake line bracket (plastic)		
34	800302147	1	Fitting		Fitting 16 FLM X 24 ORM
35	100100603	1	Filter bracket		
36	840000012	1	Hydraulic filter assembly		
36A	840000060	1	Hydraulic filter head		
36B	840000061	1	O-ring		
36C	840000062	1	Hydraulic filter can		
36D	840000013	1	Hydraulic replacement filter		
37	800302147	1	Straight o-ring to JIC		
38	800304505	4	Fitting		Fitting 8 FLM X 8 FLM BLKHD
39	800304505	4	Fitting		Fitting 8 FLM X 8 FLM BLKHD
40	800302450	2	Straight o-ring to JIC		
41	800405000	2	Straight o-ring to JIC		
42	800405000	2	Straight o-ring to JIC		
43	100106058	2	Suspension cylinder large load		Seal kit #100106047
44	800000690	2	Straight o-ring to JIC		
45	100106052	2	Rear suspension cylinder small leveling		Seal kit #100106056
	100109005	1	Bracket tracking rod rear axle		AS850 only, not shown
	100108070	1	Tracking rod		AS850 only, not shown

Station 1

FRAME • AS500, AS850, AS1000 & AS1200

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Frame Detail 2

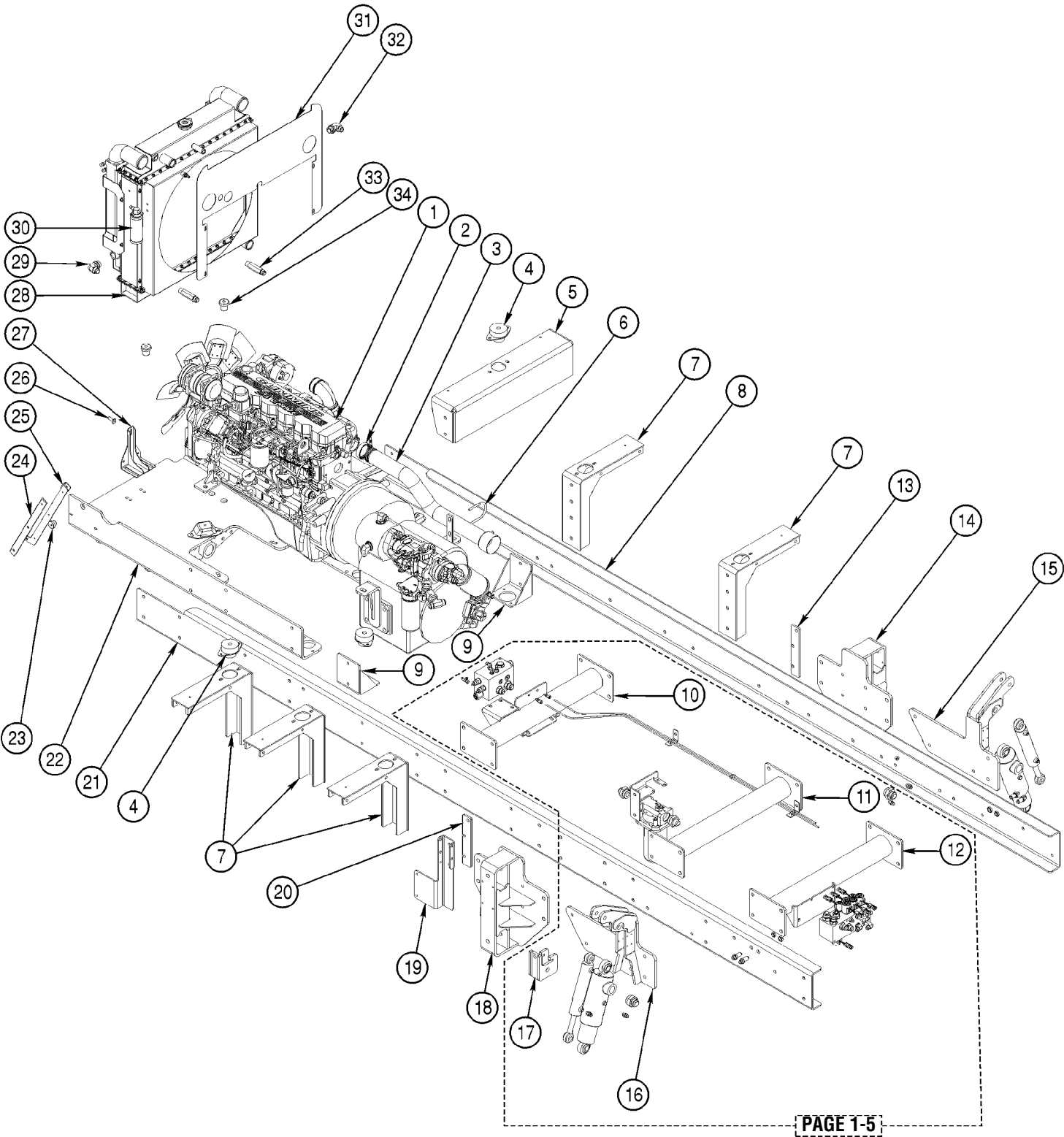


Item	Part Number	Qty	Description	Size	Comments
30	825000100	1	Brake line		
31	825000200	1	Brake line		
46	800302168	1	Fitting, 4 FLM X 4 FLM X 4 FLF		
47	800404215	2	Fitting, 6 FLM X 6 ORM 90		
48	800302146	1	Fitting, QDC PRESSURE PORT		
50	800302410	1	Fitting, 16 ORM X 16 FLM ST		
51	800302410	1	Fitting, 16 ORM X 16 FLM ST		
52	800303120	1	Fitting, 12 FLM X 12 ORM ST		
53	800302182	1	Fitting, 6 FLF X 6 ORM		
54	800404220	1	Fitting, 6 FLM X 8 ORM 90 DEG		
55	800404220	1	Fitting, 6 FLM X 8 ORM 90 DEG		
56	800303024	1	Fitting, 6 FLM X 8 ORM ST		
57	800302183	1	Dump valve		AS500 only
58	800302206	2	Fitting, 4 FLM X 4 FLLS BLKHD ST		
61	700100136	4	Coil, large		
62	800404230	1	Fitting, 8 FLM X 8 ORM 90		
63	800302152	1	Fitting, 8 FLM X 8 ORM 90 EXT		
64	800404230	1	Fitting, 8 FLM X 8 ORM 90		
65	800303120	1	Fitting, 12 FLM X 12 ORM ST		
66	800303120	1	Fitting, 12 FLM X 12 ORM ST		
67	800303120	1	Fitting, 12 FLM X 12 ORM ST		
68	800302410	1	Fitting, 16 ORM X 16 FLM ST		
	840000007	1	Junction manifold under cab		Complete w/ all fittings and coils
	840000008	1	Suspension manifold rear cross-member		Complete w/ all fittings and coils

Station 1 **FRAME • AS1000 & AS1200**

FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200 · FRAME • AS1000 & AS1200

AS1000 & AS1200



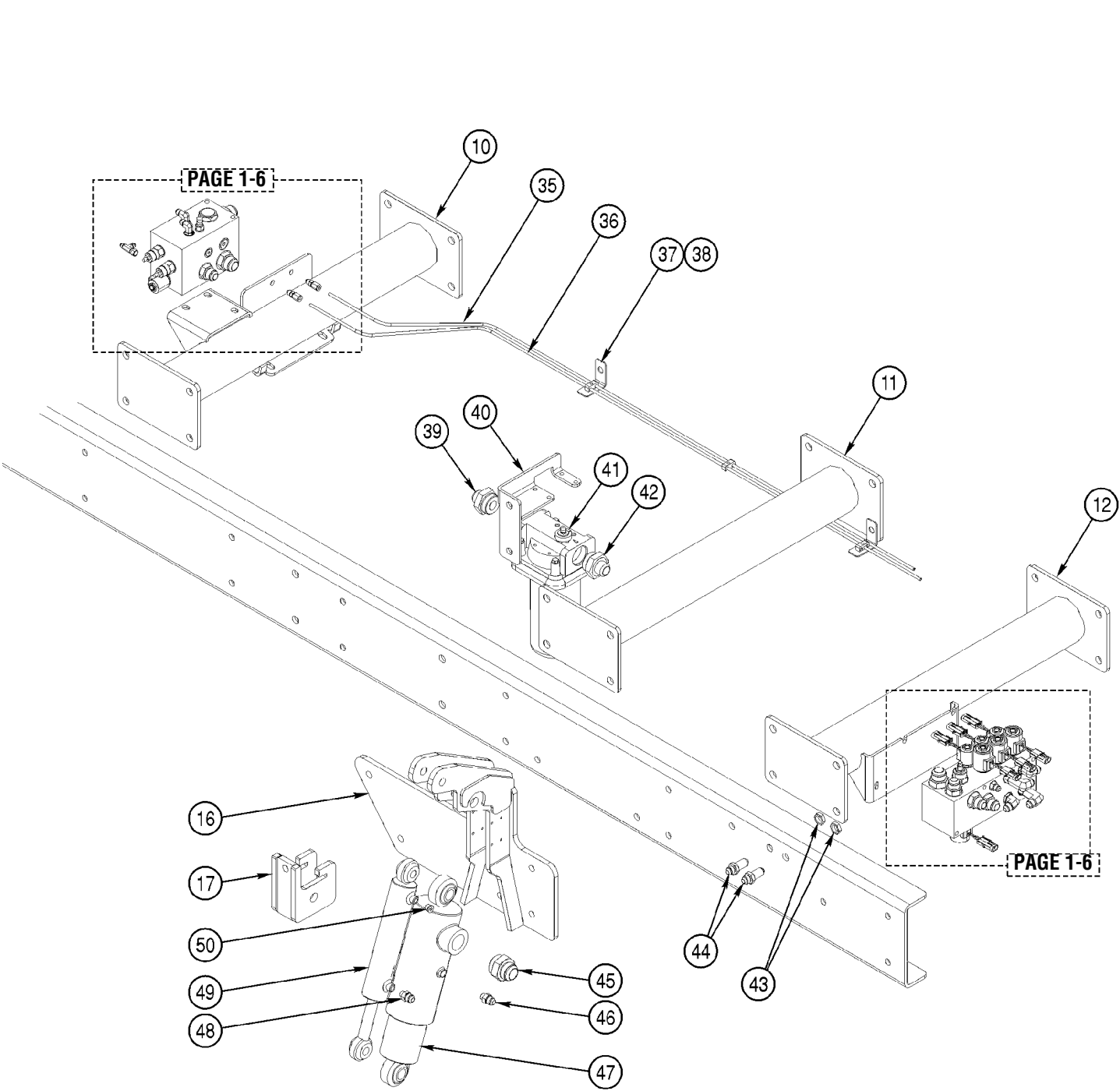
Item	Part Number	Qty	Description	Size	Comments
1A	ENG CUM205 (05)	1	205HP Cummins engine		AS1000 only
1B	ENG CUM275 (05)	1	275HP Cummins engine		AS1200 only
2	201200008	1	Exhaust clamp		
3	201100005	1	Front exhaust pipe		
4	490002600	2	Front cab mount isolator		
5	100100507	1	Rear cab support		
6	290001700	1	Exhaust clamp		
7	100100601	5	Tank supports, fuel/hyd		
8	100100020	1	Right frame rail		
9	200500100	2	Transmission mount bracket		
10	100100101	1	Front frame cross-member		
11	100100100	1	Middle frame cross-member		
12	100100102	1	Rear frame cross-member		
13	100100615	1	Backing plate		
14	100108058	1	Front suspension bracket		
15	100108018	1	Suspension bracket assembly, right		
16	100108017	1	Suspension bracket assembly, left		
17	100109005	1	Bracket tracking bar		
18	100108058	1	Front suspension bracket		
19	690000004	1	Product pump bracket		
20	100100615	1	Backing plate		
21	100100000	1	Left frame rail		
22	100100201	1	Engine bolster		
23	201200009	2	Radiator isolator		
24	201200070	2	Wear strip		Obsolete, per update 25013
25A	201200073	1	Hood guide left		
25B	201200074	1	Hood guide right		
26	420000115	1	Hood striker		
27	420000109	1	Hood bracket		
28	201200065	1	Radiator assembly		
29	800404265	1	Fitting, 16 FLM X 16 ORM		
30	420120500	1	Dryer, air conditioner		
31	201200106	1	Air dam		
32	800404265	1	Fitting, 16 FLM X 16 ORM		
33	800302148	1	Fitting, 12 FLM X 12 NPT X LONG		
34	490002610	2	Radiator isolators		

Station 1

FRAME • AS1000 & AS1200

FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200 • FRAME • AS1000 & AS1200

Frame Detail 1



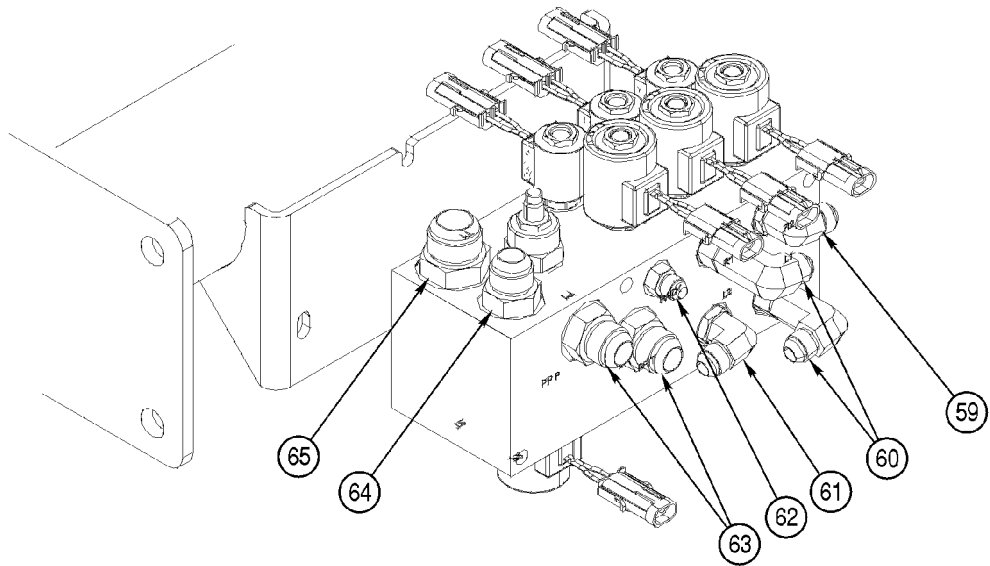
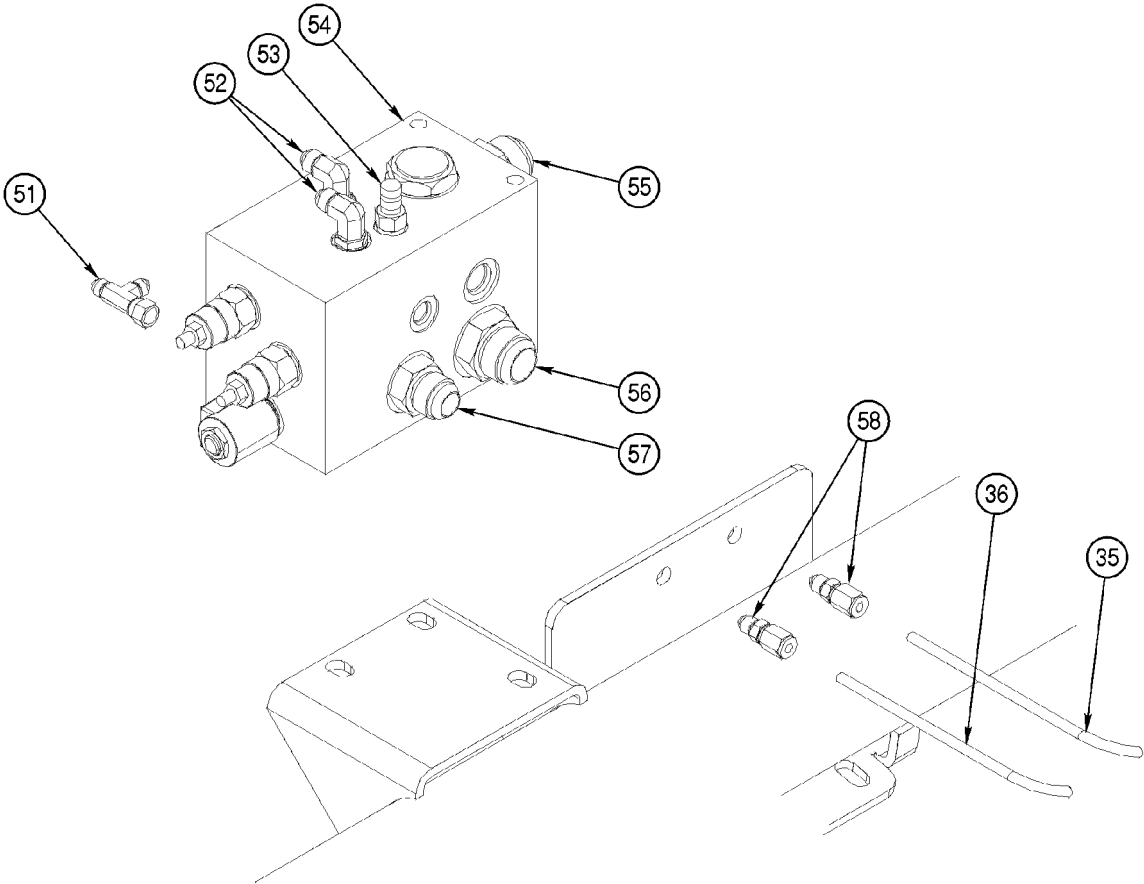
Item	Part Number	Qty	Description	Size	Comments
10	100100101	1	Front frame cross-member		
11	100100100	1	Middle frame cross-member		
12	100100102	1	Rear frame cross-member		
16	100108017	1	Suspension bracket assembly, LH		
17	100109005	1	Bracket tracking bar		
35	825000100	1	Brake line		
36	825000200	1	Brake line		
37	190100200	1	Brake line bracket		
38	915002000	2	Brake line bracket (plastic)		
39	800302147	1	Fitting, 16 FLM X 24 ORM		
40	100100603		Filter bracket		
41	840000012	1	Hydraulic filter assembly		
41A	840000060	1	Hydraulic filter head		
41B	840000061	1	O-ring		
41C	840000062	1	Hydraulic filter can		
41D	840000013	1	Hydraulic replacement filter		
42	800302147	1	Fitting, 16 FLM X 24 ORM		
43	N/A		Included with # 46		
44	800304505	4	Fitting, 8 FLM X 8 FLM BLKHD		
45	800302450	2	Fitting, 20 FLM X 24 ORM		
46	800405000	2	Fitting, 8 FLM X 6 ORM ST		
47	100106059	2	Cylinder suspension		Seal kit # 100106062
48	800405000	4	Fitting, 8 FLM X 6 ORM ST		
49	100106052	2	Cylinder rear suspension		Seal kit # 100106056
50	800000690	2	Plug, ST THD O/R HEX 6408-6		
	100108070	1	Tracking rod		Not shown

Station 1

FRAME • AS500, AS850, AS1000 & AS1200

FRAME • AS500, AS850, AS1000 & AS1200 • FRAME • AS500, AS850, AS1000 & AS1200 • FRAME • AS500, AS850, AS1000 & AS1200 • FRAME • AS500, AS850, AS1000 & AS1200 • FRAME • AS500, AS850, AS1000 & AS1200 • FRAME • AS500, AS850, AS1000 & AS1200 • FRAME

Frame Detail 2



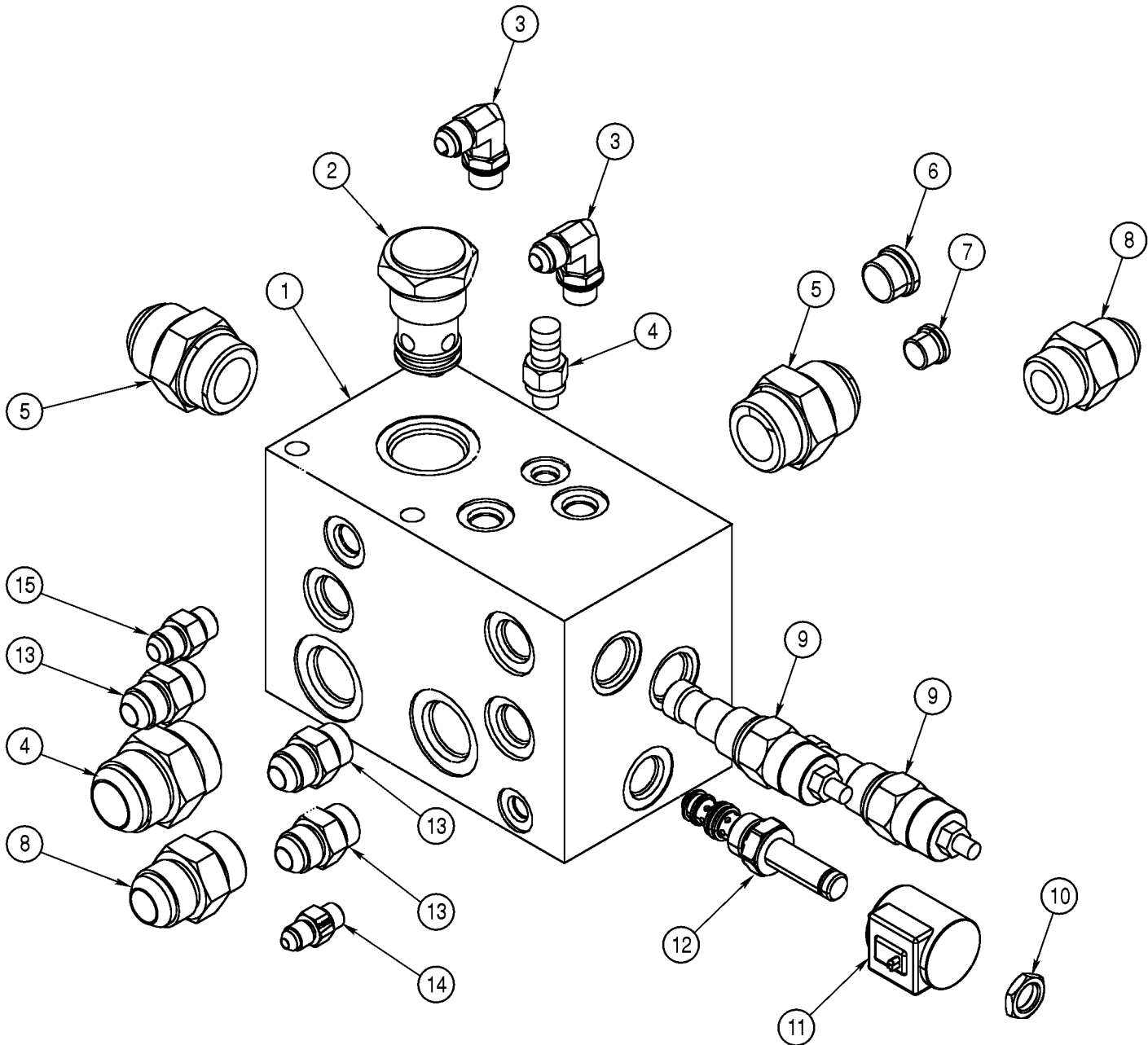
Item	Part Number	Qty	Description	Size	Comments
35	825000100	1	Brake line		
36	825000200	1	Brake line		
51	800302168	1	Fitting, 4 FLM X 4 FLM X 4 FLF		
52	800404215	2	Fitting, 6 FLM X 6 ORM 90		
53	800302146	1	Fitting, QDC pressure port		
54	840000007	1	Junction manifold under cab		Complete assembly includes fittings and coils
55	800302410		Fitting, 16 ORM X 16 FLM ST		
56	800302410		Fitting, 16 ORM X 16 FLM ST		
57	800303120		Fitting, 12 FLM X 12 ORM ST		
58	800302206	2	Fitting, 4 FLM X 4 FLLS BLKHD ST		
59	800404230		Fitting, 8 FLM X 8 ORM 90		
60	800302152		Fitting, 8 FLM X 8 ORM 90 EXT		
61	800404230		Fitting, 8 FLM X 8 ORM 90		
62	800303022	2	Fitting, 6 FLM X 6 ORM ST		
63	800303120		Fitting, 12 FLM X 12 ORM ST		
64	800303120		Fitting, 12 FLM X 12 ORM ST		
65	800302410		Fitting, 16 ORM X 16 FLM ST		

Station 1

Junction Manifold (under cab) • AS500, AS850, AS1000 & AS1200

JUNCTION MANIFOLD (UNDER CAB) • AS500, AS850, AS1000 & AS1200 · JUNCTION MANIFOLD (UNDER CAB) • AS500, AS850, AS1000 & AS1200 · JUNCTION MANIFOLD (UNDER CAB) • AS500, AS850, AS1000 & AS1200 · JUNCTION MANIFOLD (UNDER CAB) • AS500, AS850, AS1000 & AS1200

Hydraulic Manifolds
AS500, AS850, AS1000 & AS1200
Junction Manifold (under cab)



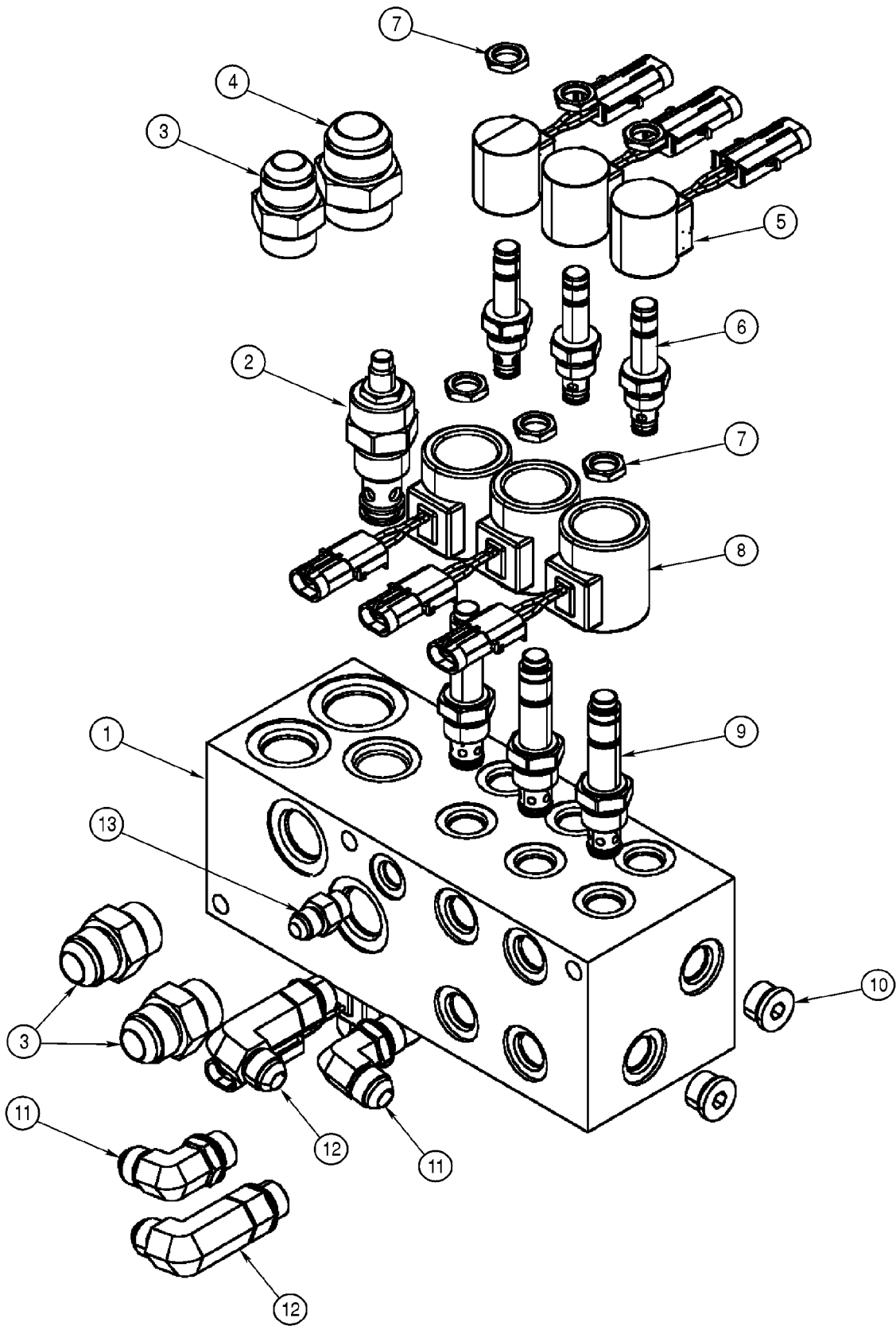
Item	Part Number	Qty	Description	Size	Comments
1	840000007	1	Hydraulic junction block		Complete assembly w/ fittings and coils
2	840000045	1	Check valve, 30-psi		Seal kit # 830000017
3	800404215	2			
4	800302146	1	Fitting, QDC pressure port		
5	800302410	3	Fitting, 16 ORM X 16 FLM ST		
6	800000590	1	Plug, ST O/R Socket 1/2		
7	800000690	1	Plug, ST THD O/R Hex 6408-6		
8	800303120	2	Fitting, 12 FLM X 12 ORM ST		
9	840000017	2	Cartridge, valve CBV-10-S-0-B-50		Seal kit # 830000016
10	840000054	1	Nut, coil		
11	700100135	1	Coil		For parking brake and ladder
12	800000330	1	Cartridge, manifold boom SV08-30-N-0		For parking brake and ladder seal kit #830000018
13	800302445	3	Fitting, 8 FLM X 8 ORM ST		
14	800302184	1	Fitting, 4 FLM X 4 ORM Check .015 ORF		
15	800303022	1	Fitting, 6 FLM X 6 ORM ST		

Station 1

Suspension Manifold (on last frame cross member) • AS500, AS850, AS1000 & AS1200

SUSPENSION MANIFOLD (ON LAST FRAME CROSS MEMBER) · AS500, AS850, AS1000 & AS1200 · SUSPENSION MANIFOLD (ON LAST FRAME CROSS MEMBER) · AS500, AS850, AS1000 & AS1200 · SUSPENSION MANIFOLD (ON LAST FRAME CROSS MEMBER) · AS500, AS850, AS1000 & AS1200 · SUSPENSION MANIFOLD (ON LAST FRAME CROSS MEMBER) · AS500, AS850, AS1000 & AS1200

Suspension Manifold (on last frame cross member)



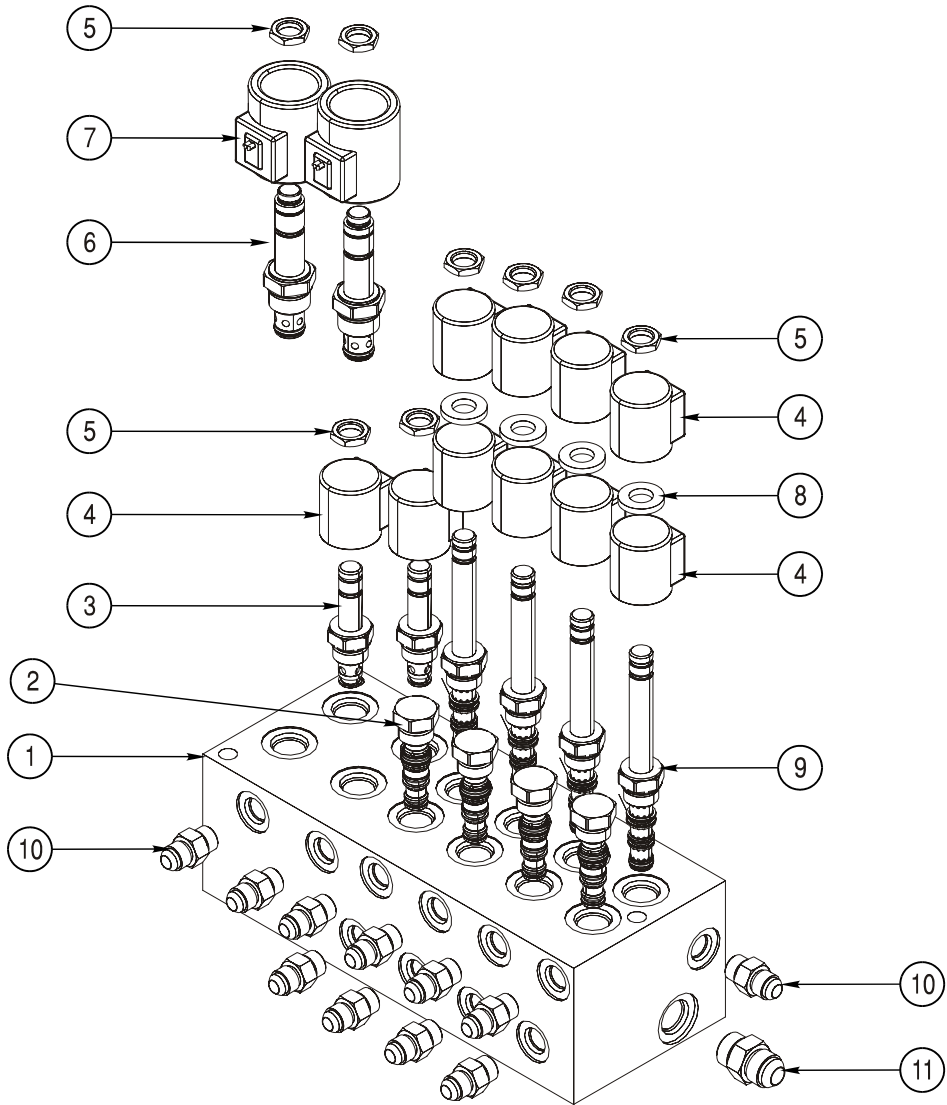
Item	Part Number	Qty	Description	Size	Comments
1	840000008	1	Suspension block assembly		Complete w/ fittings and coils
2	840000531	1	Cartridge, needle valve		Regulates flow to product pump seal kit #830000009
3	800303120	3	Fitting, 12 FLM X 12 ORM ST		
4	800302410	1	Fitting, 16 ORM X 16 FLM ST		
5	700100135	3	Coil, small		
6	840000031	3	Cartridge, valve		
7	840000054	7	Nut, coil		
8	700100136	4	Coil, large		
9	840000015	3	Cartridge, valve		Boom mast up & down, seal kit # 830000007
10	800000590	2	Plug, ST O/R Socket 1/2		
11	800404230	2	Fitting, 8 FLM X 8 ORM 90		
12	800302152	2	Fitting, 8 FLM X 8 ORM 90 EXT		
13	800303022	2	Fitting, 6 FLM X 6 ORM ST		
	840000014	1	Spool		Not shown, located on bottom of block for product pump
	800302445	1	Fitting, 8 FLM X 8 ORM ST		Not shown, located on bottom of block

Station 1

Boom Manifold (on rear boom rack) • AS500, AS850, AS1000 & AS1200

BOOM MANIFOLD (ON REAR BOOM RACK) • AS500, AS850, AS1000 & AS1200 • BOOM MANIFOLD (ON REAR BOOM RACK) • AS500, AS850, AS1000 & AS1200 • BOOM MANIFOLD (ON REAR BOOM RACK) • AS500, AS850, AS1000 & AS1200 • BOOM MANIFOLD (ON REAR BOOM RACK)

Boom Manifold (on rear boom rack)



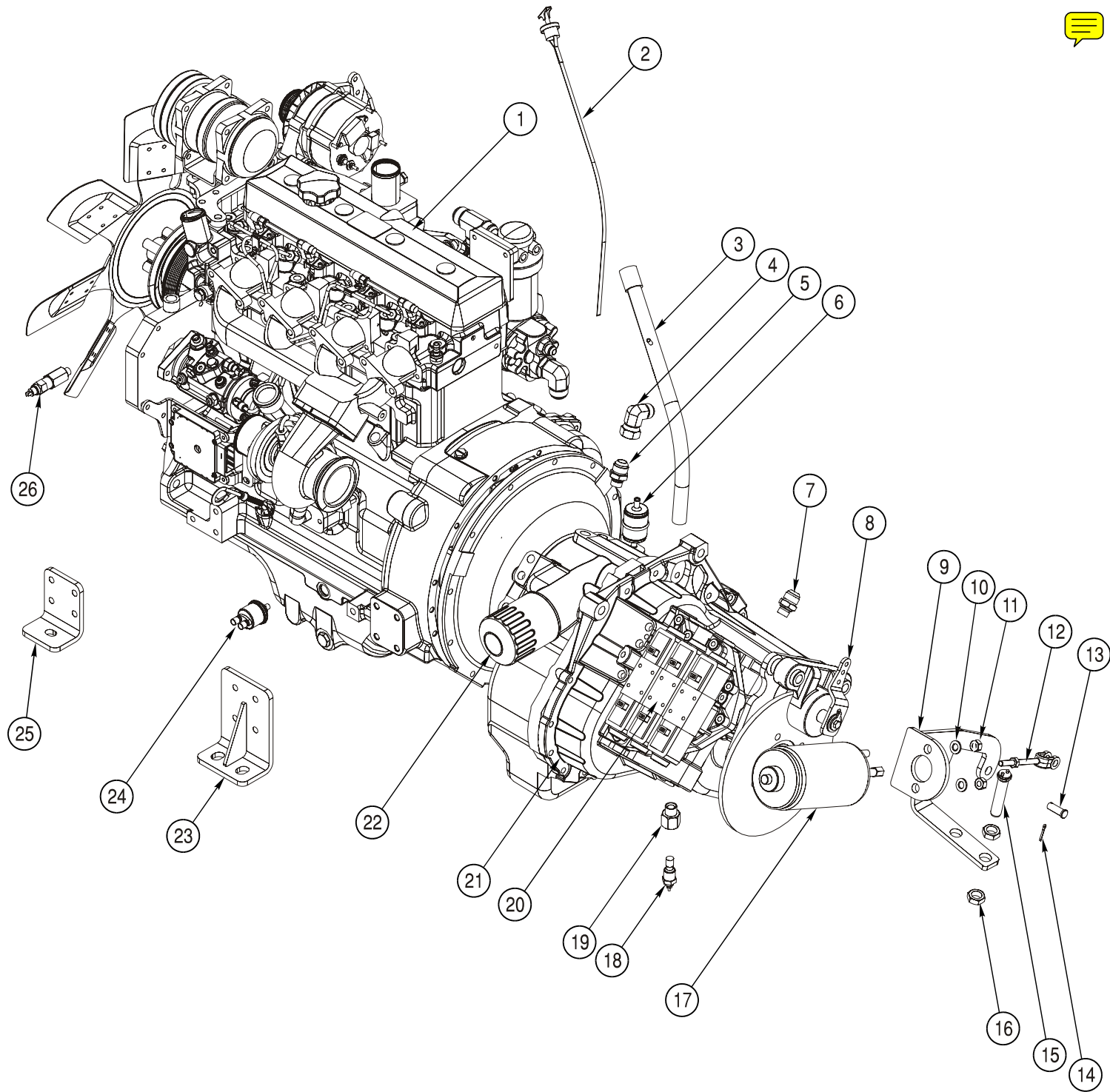
Item	Part Number	Qty	Description	Size	Comments
1	840000009	1	Boom manifold block		Complete with fittings, spools and coils
2	840000016	4	Check valve		Seal kit part #830000020, Torque to 18-20 ft-lbs
3	840000031	2	Cartridge valve		Seal kit part #830000001, Torque to 18-20 ft-lbs
4	700100135	10	Solenoid Coil Hydroforce	08 small	
5	840000054	8	Nut, Spool valve on all manifolds		Torque to 18 in-lbs
6	840000015	2	Cartridge valve		Seal kit part #830000007
7	700100136	2	Solenoid Coil Hydroforce	08 large	
8	830000022	4	Spacer between small coil		
9	800000331	4	Cartridge valve		Seal kit part #830000004, Torque to 18-20 ft-lbs
10	800303022	11	Fitting, 6 FLM X 6 ORM ST		
11	800302445	1	Fitting, 8 FLM X 8 ORM ST		

Station 1

Engine & Transmission • AS500 & AS850

ENGINE & TRANSMISSION · AS500 & AS850 · ENGINE & TRANSMISSION · AS500 & AS850 · ENGINE & TRANSMISSION · AS500 & AS850 · ENGINE & TRANSMISSION · AS500 & AS850 · ENGINE & TRANSMISSION · AS500 & AS850

Engine & Transmission
AS500 & AS850
Left Rear View

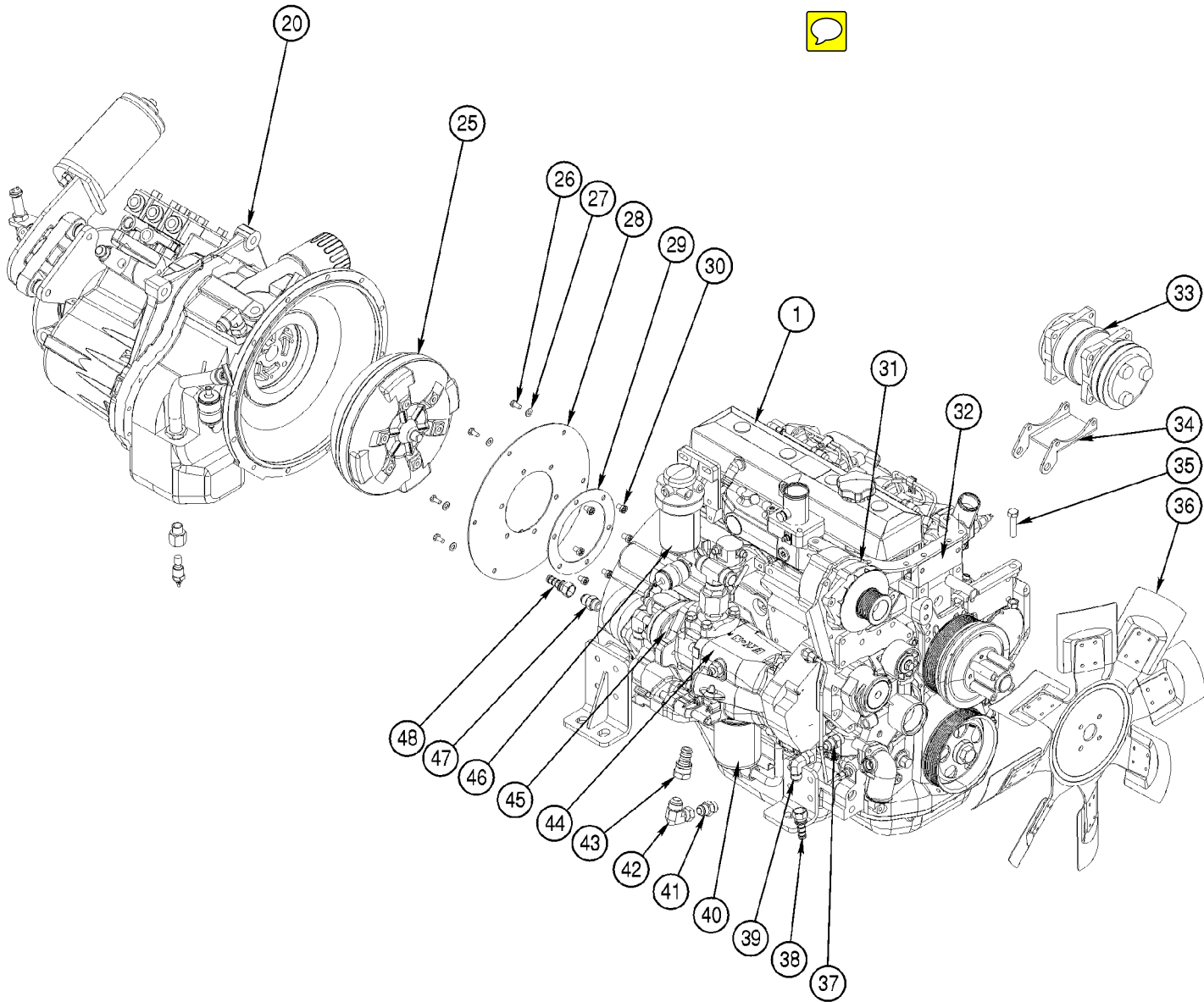


Item	Part Number	Qty	Description	Size	Comments
1A	ENGJD140 (05)	1	140 hp John Deere tier II engine		AS500 only
1B	ENGJD170 (05)	1	170 hp John Deere tier II engine		AS850 only
2	300000021	1	Dipstick, transmission		
3	300000011	1	Dipstick, tube transmission		
4	800403625	1	Elbow fitting		Fitting, 12 FLM X 12 FLF 90
5	800302453	1	Plug		Fitting, 12 FLM X 8 BSPM
6	201450280	1	Filter		
7	800302453	1	Adapter		Fitting, 12 FLM X 8 BSPM
8	301300064	1	Park brake assembly		Kit pads 301300061
9	390000512	1	Bracket, park brake		Bolts 5/8" X 3 1/4"
10	N/A	2	Washer		Sold w/ 350000351
11	N/A	2	Nut		Sold w/ 350000351
12	350000353	1	Clevis & pin		Sold w/ 350000351
13	N/A	1	Pivot pin		Sold w/ 350000351
14	N/A		Cotter pin		Sold w/ 350000351
15	700010100	1	Speed sensor		
16	901002117	2	3/4-16 jam nut		
17	350000351	1	Park brake can		
18	390001200	1	Transmission temp. sending unit		
19	800302427		Adapter for trans. temp. sending unit		
20	300500074	1	Spool & coil assembly		
21	350000250	1	Transmission, JCB 4spd		Includes converter and filter
22	300000100	1	Filter, transmission		
23	290000909	2	Rear engine mount bracket		Bolt bracket to engine M12 X 1.75 X 30; bracket to isolator bolt 3/4-16 X 5
24	290001400	1	Sensor, engine oil pressure		
25	290000908	2	Front engine mount bracket		Bolt bracket to engine M12 X 1.75 X 30
26	700010200	1	Sensor, coolant temperature		
	301400200	1	Speed sensor bottom trans.		Not shown
	300000095	1	Strainer, inside trans. at drain plate		Not shown, gasket part# 300000430"
	290000911	1	Dipstick, engine		Not shown
	200100200	1	Pan, engine oil		Not shown, gasket part# 201100201, plug part# 201100202 AS500 only
	200100300	1	Pan, engine oil		Not shown, gasket part# 200100301, plug part# 201100302 AS850 only
	200100310		Intake tube, blue		

Station 1 Engine & Transmission • AS500 & AS850

ENGINE & TRANSMISSION • AS500 & AS850 • ENGINE & TRANSMISSION • AS500 & AS850 • ENGINE & TRANSMISSION • AS500 & AS850 • ENGINE & TRANSMISSION • AS500 & AS850 • ENGINE & TRANSMISSION • AS500 & AS850

Right Front View



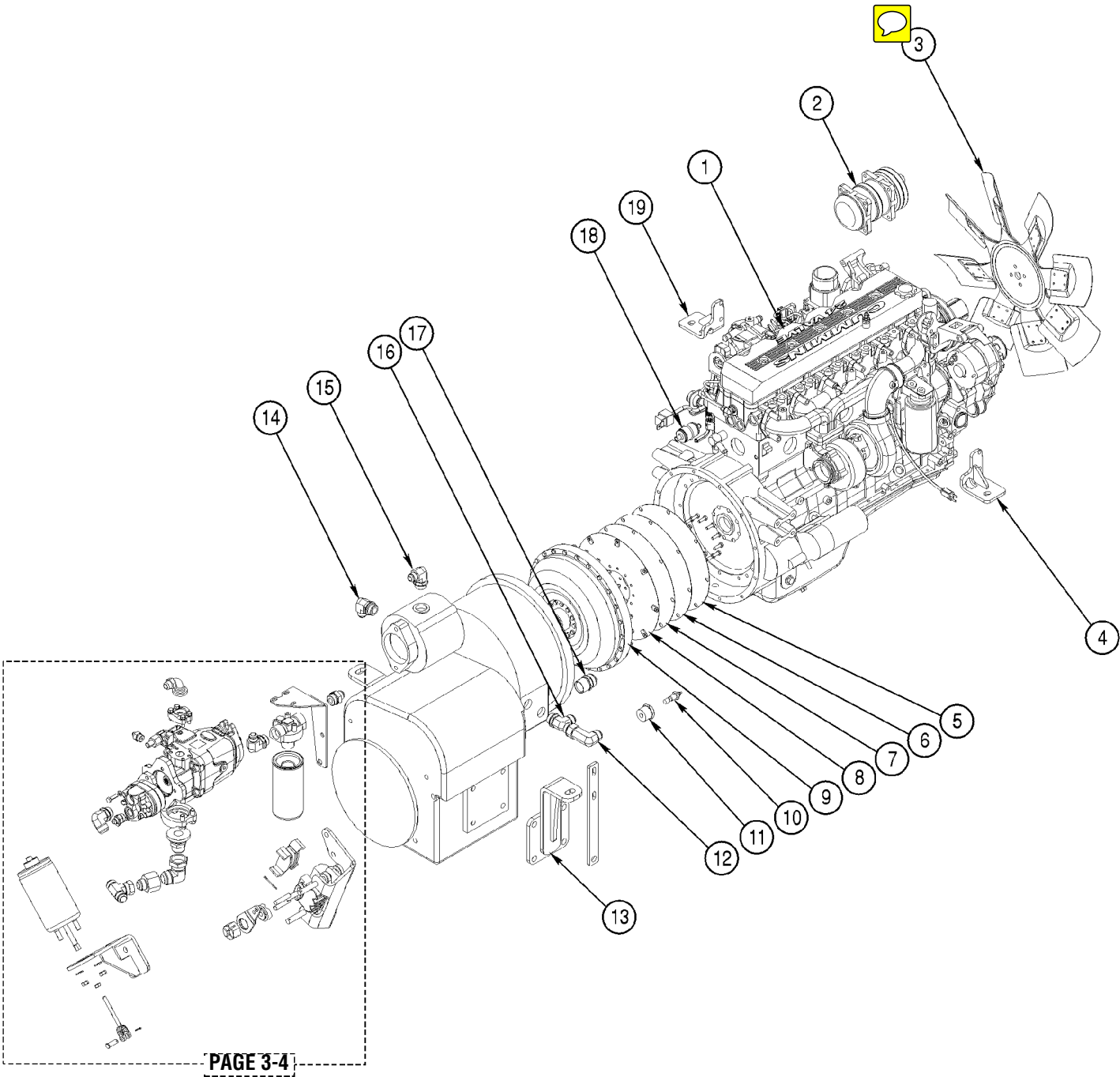
Item	Part Number	Qty	Description	Size	Comments
1	ENGJD140 (05)	1	140 hp John Deere tier II engine		AS500 only
1A	ENGJD170 (05)	1	170 hp John Deere tier II engine		AS850 only
20	350000250	1	Transmission, JCB 4 spd pwr shift		Includes converter and filter
25	301010000	1	Torque converter		
26	900002600	6	Bolt	5/16-18 X 3/4	
27	902003040	6	Flat washer	5/16	
28	301010100	1	Flexplate, kit		Includes #29
29	N/A	1	Ring		Sold w/ 301010100
30	900002805	6	Bolt		3/8-24 X 3/4 fine thread
31	201450501	1	Alternator		Included w/ pulley
32	200100004	1	Lower a/c compressor bracket		Bolt M10x150x25 bracket to engine; M10 lock washer
33	420100005	1	A/C compressor		Bolt 3/8-16 X 1 1/4 compressor to bracket
34	200100005	1	A/C compressor mount bracket		Bolt 5/8-11 X 4 bracket to bracket
35	900003285	1	Screw, adjusting		1/2-13 X 3 1/2
36A	200100051	1	Engine fan		AS500 only
36B	201100052	1	Engine fan		AS850 only
37	800302421	1	Adapter		Fitting, 18mm ORM X 10 FLM
38	900108671	2	Bolt, engine to isolator		M16 X 2 X40
39	800302425	1	Fitting		10 FLM X 10 FLF 90
40	201450300	1	Engine oil filter		
41	800302421	1	Adapter		Fitting, 18mm ORM X 10 FLM
42	800302175	1	Elbow fitting		
43	800302165	1	Fitting		12 FLF X 12 HB
44A	K65000163	1	Kit, piston pump		Kit includes case drain hose, fittings and o-rings
44B	K65000158		Kit, complete hydraulic pump assembly		Kit includes both pumps, case drain hose, fitting and o-ring
45	860000002	1	Gear pump		O-ring on gear pump # 840000065
46	201450302	1	Engine fuel filter		In-line filter # 201450290 not shown AS850 only
47	800302421	1	Adapter		Fitting, 18mm ORM X 10 FLM
48	800302426	1	Hose barb for heater hose		Fitting, 10 Hose Barb X 10 FLF
	201450301	1	Engine fuel filter		In-line filter # 201450290 not shown AS500 only
	840000065	1	O-ring between pumps		
	200001006	1	Auxiliary drive on engine		Not shown
	420130006	1	A/C belt		Not shown
	201450502	1	Fan belt		Not shown AS500 only
	201450506	1	Fan belt		Not shown AS850 only
	200100304	1	Starter		Not shown AS500 only
	200100303	1	Starter		Not shown AS850 only
	720001006	1	Alternator pulley only		
	200100310		Intake tube, blue		Not shown

Station 1

Engine & Transmission • AS1000 & AS1200

ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200

AS1000 & AS1200
Right Rear View



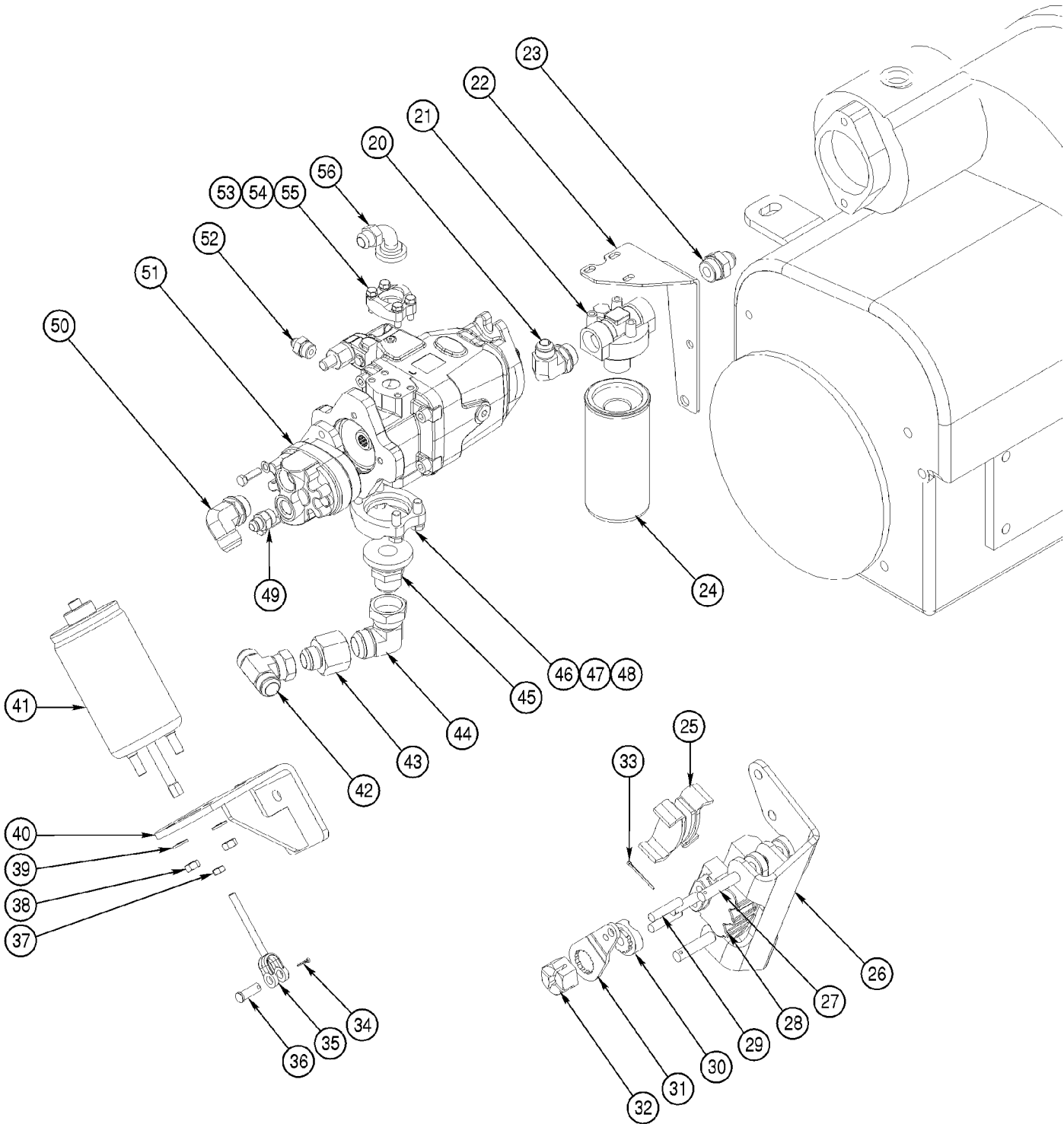
Item	Part Number	Qty	Description	Size	Comments
1A	ENG CUM205 (05)	1	205HP Cummins Engine		AS1000 only
1B	ENG CUM275 (05)	1	275HP Cummins engine		AS1200 only
2	420100005	1	A/C Compressor		
3	200100053	1	Fan		
4	290000913	1	Front engine mount, RH		
5	300400148	1	Flex plate		
6	N/A		Included w/ # 5		
7	N/A		Included w/ # 5		
8	N/A		Included w/ # 5		
9	300400147	1	torque convertor		
10	390001200	1	Transmission temperature sender		
11	800302187	1	Bushing for transmission temp sender		
12	800302419	1	Elbow, street		
13	290000914	2	Rear engine mount		
14	800404254	1	FITTING 12 FLM X 16 ORM 90		
15	800404254	1	FITTING 12 FLM X 16 ORM 90		
16	800404265	1	FITTING 16 FLM X 16 ORM		
17	800302416	1	FITTING 20 FLM X 20 PM ST		
18	201450203	1	Fuel filter, primary		In-line filter 201450202
19	290000910	1	Front engine mount LH		
	200100027	1	Fan belt		Not Shown
	300000010	1	Transmission dipstick tube		Not Shown
	300000022	1	Transmission dipstick		Not Shown
	201450241	1	Engine oil filter		Not Shown
	290001400	1	Engine oil pressure sender		Not Shown
	700010200	1	Engine water temp sender		Not Shown

Station 1

Engine & Transmission • AS1000 & AS1200

ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200 • ENGINE & TRANSMISSION • AS1000 & AS1200

Engine & Transmission Detail 1



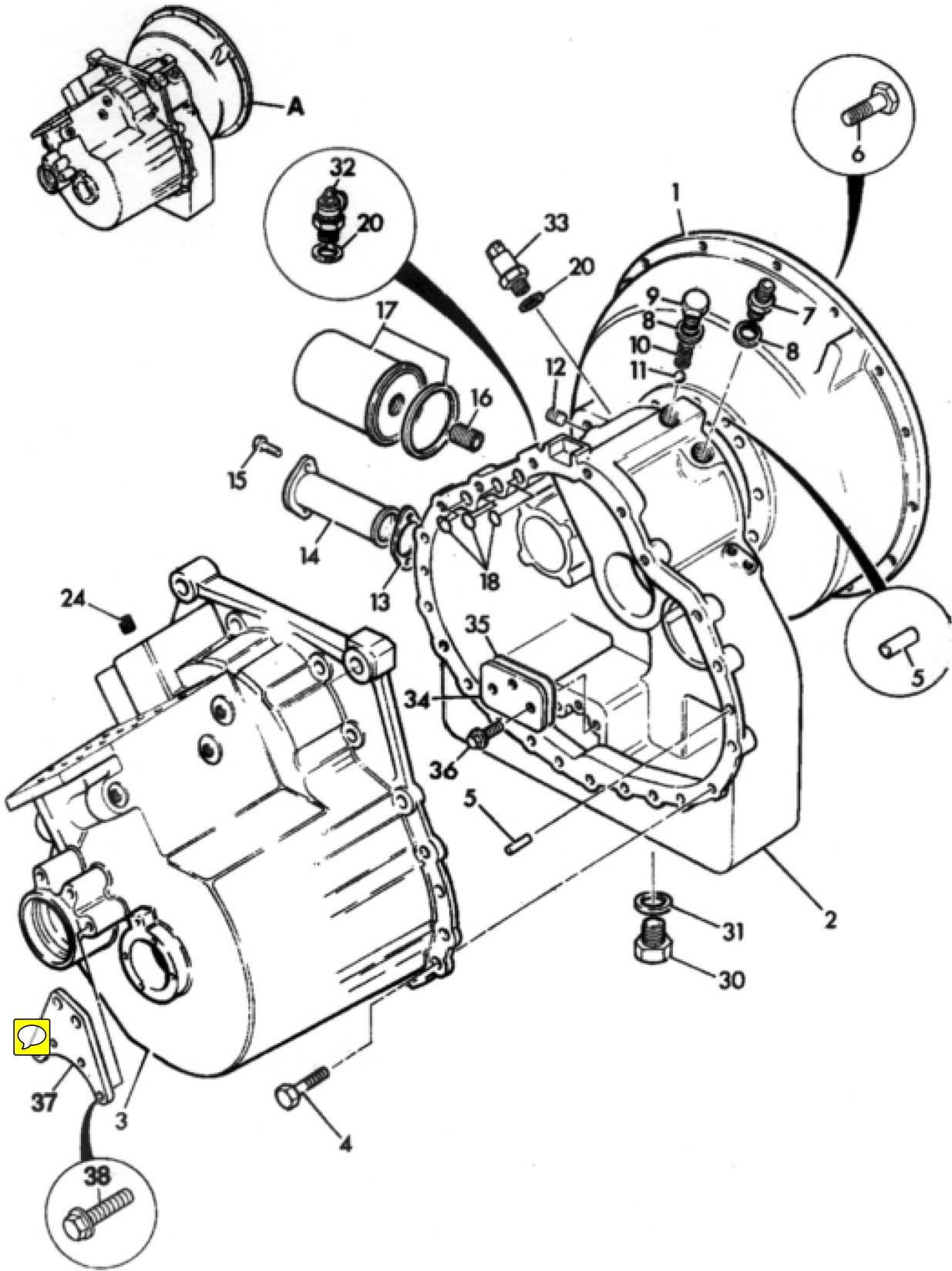
Item	Part Number	Qty	Description	Size	Comments
20	800404254	1	Elbow fitting		12 FLM X 16 ORM 90
21	840000060	1	Filter head		
22	390000511	1	Filter bracket		
23	800303060	1	Adapter		2 FLM X 16 ORM ST
24	300100110	1	Filter, transmission		
25	301300062	2	Brake pads		
26	301300028	1	Park brake assembly		
27	N/A		Pin		Included w/ item # 28
28	N/A		Caliper		Included w/ item # 28
29	N/A		Pin		Included w/ item # 28
30	N/A		Spacer		Included w/ item # 28
31	N/A		Lever		Included w/ item # 28
32	N/A		Nut		Included w/ item # 28
33	N/A		Cotter pin		Included w/ item # 28
34	N/A		Cotter pin		Included w/ item # 43
35	350000353		Clevis & pin		Included w/ item # 43
36	N/A		Pin		Included w/ item # 43
37	N/A		Nut		Included w/ item # 43
38	N/A		Nut		Included w/ item # 43
39	N/A		Washer		Included w/ item # 43
40	390000513	1	Bracket, brake cylinder		
41	350000351	1	Park brake can		No repair parts available
42	800302149	1	Tee fitting		16 FLM X 16 FLF X 16 FLM
43	800302454	1	Adapter, fitting		20 FLF X 16 FLM
44	800403640	1	Elbow fitting		Nut swivel 90 ELBOW H 1 1/4
45	800460095	1	Adapter		Adapter 61 Straight -20-32
46	800450050	1	Adapter, collar		Kit split FLG 2 Code 61
47	800450050	1	Adapter, collar washer		Kit split FLG 2 Code 61
48	800450050	1	Adapter, collar capscrew		Kit split FLG 2 Code 61
49	800303032	1	Adapter, fitting		8 FLM X 10 ORM ST
50	800404265	1	Elbow, fitting		16 FLM X 16 ORM
	K65000160	1	Kit, piston and gear pump assembly		Kit includes both pumps, fitting and o-ring
	K65000161	1	Kit, piston pump		Kit includes piston pump, fitting and o-rings
51	860000002	1	Gear pump		O-ring on pump part # 840000065
52	800302403	1	Adapter, fitting		6 FLM X 10 ORM ST
53	800450020	1	Adapter, collar		1 Code 61 flange kit
54	800450020	1	Adapter, collar washer		1 Code 61 flange kit
55	800450020	1	Adapter, collar capscrew		1 Code 61 flange kit
56	800302145	1	Adapter, 90 degree		12 FLM X 16 Code 61 90

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN

Transmission & Drivetrain
AS500 & AS850 (PowerShift 750 4 Speed Transmission)
Assembly



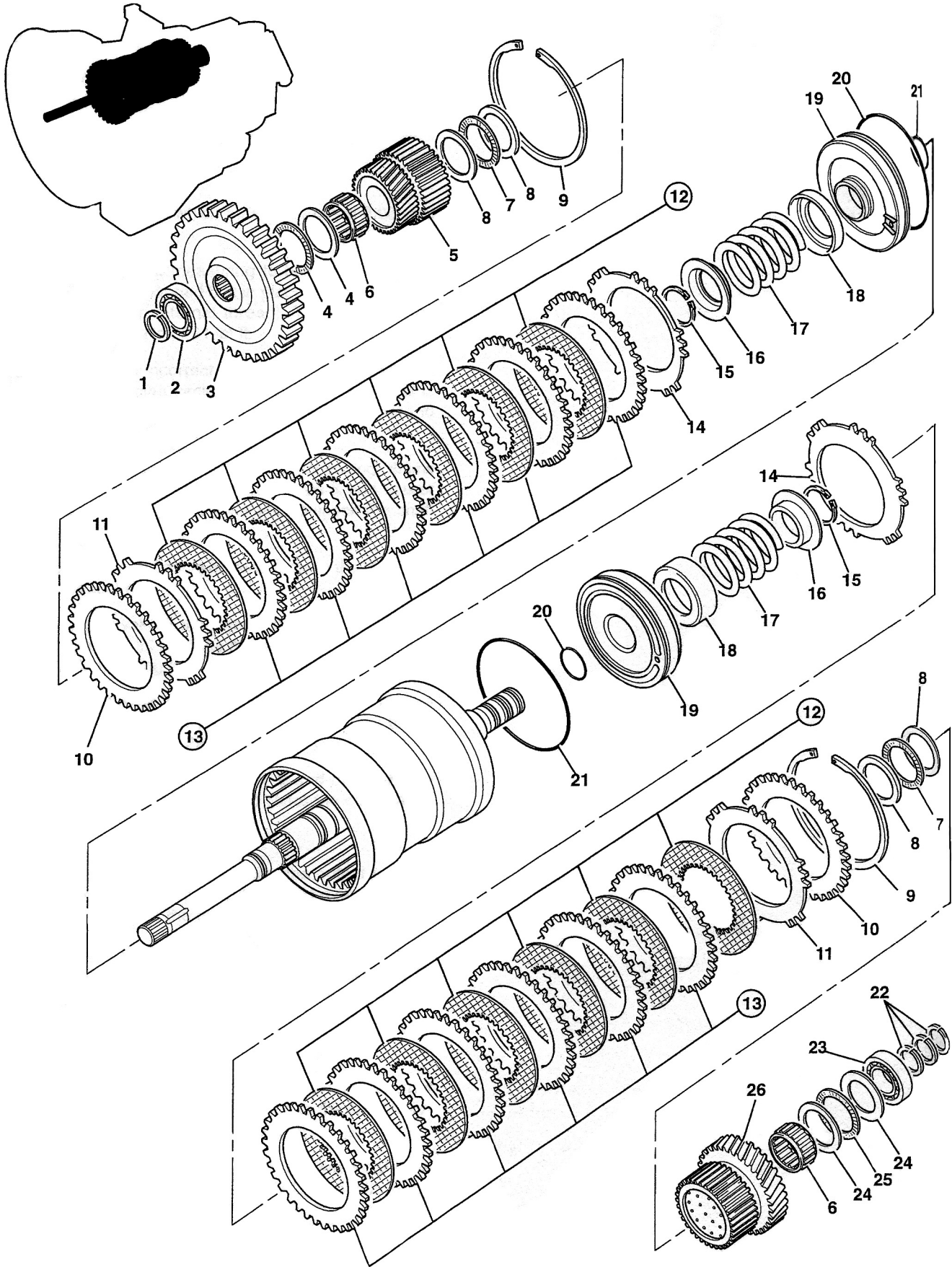
Item	Part Number	Qty	Description	Size	Comments
A	350000250	1	Transmission, Assembly, PS750		🗨️
1	300500001	1	Housing, Flywheel		
2	300500002	1	Casing, Front, PS750		
3	300500003	1	Casing, Rear, PS750		
4	300000391	19	Casing Joint Bolt		
5	300000310	2	Dowel		
6	300500006	11	Screw, M10 X 35		
7	300000060	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		

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN

Input Clutch



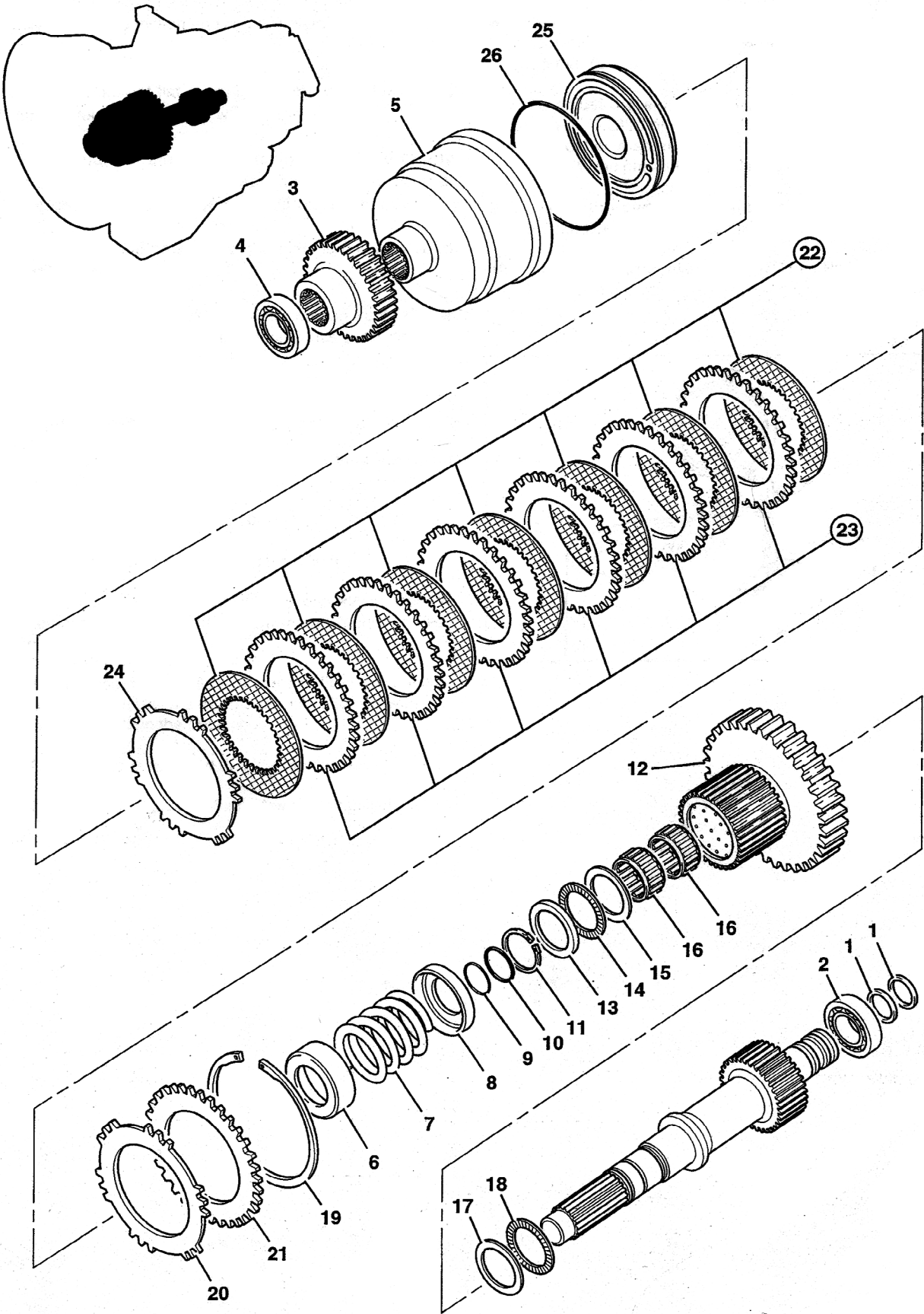
Item	Part Number	Qty	Description	Size	Comments
1	300000245	2	Washer, Thrust		
2	300000643	1	Bearing, Taper Roll, 35 X 65 X 18		
3	300500081	1	Gear, 48 T		
4	300500031	2	Bearing, Thrust		
5	300500034	1	Housing, Plate Carrier, 22T and 45T		
6	300000605	2	Bearing		
7	300500031	4	Bearing, Thrust		
8	300500032	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		

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN

Layshaft Clutch



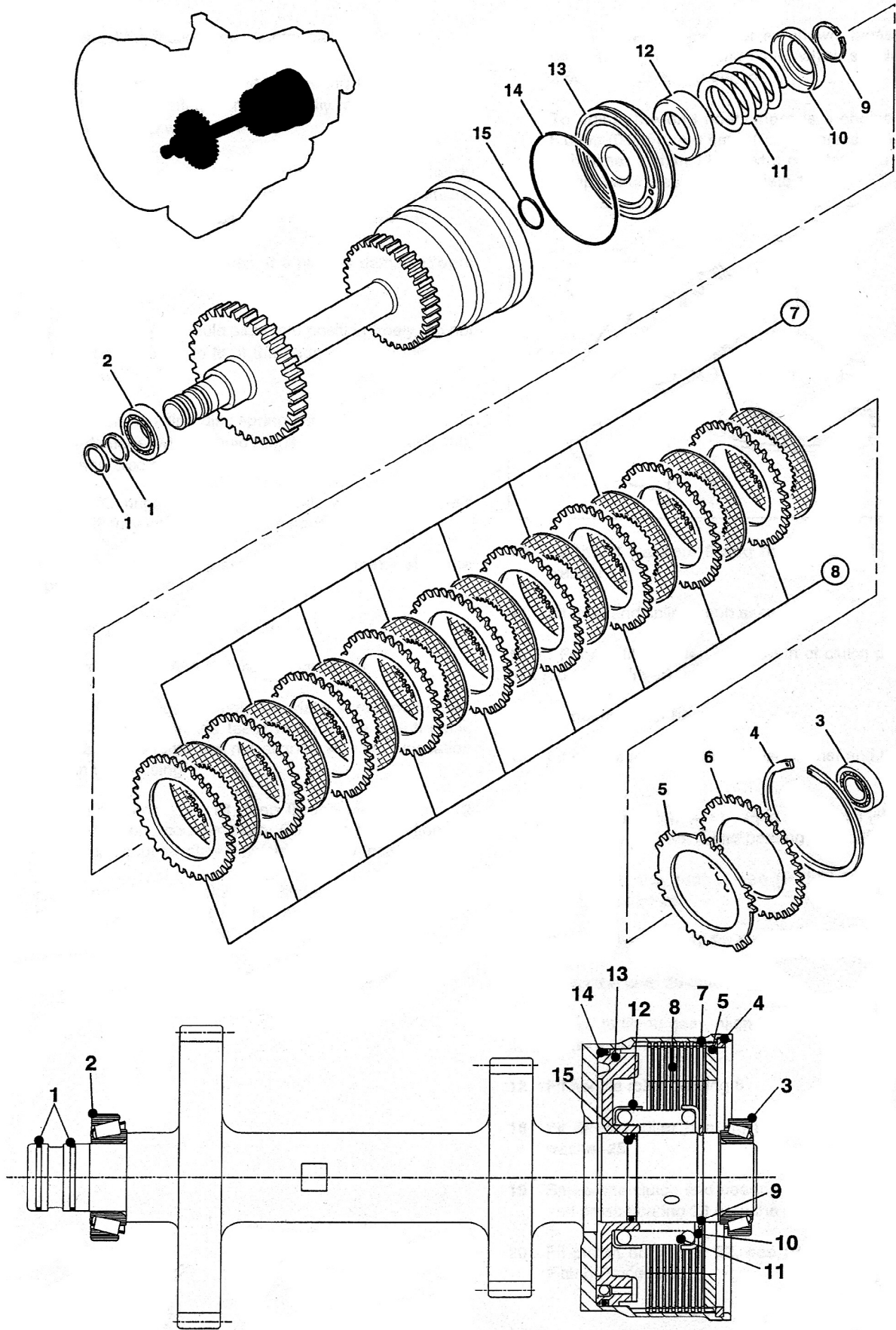
Item	Part Number	Qty	Description	Size	Comments
1	300000545	2	Seal Ring		
2	300500058	1	Bearing, 35 X 73 X 24		
3	300000140	1	Gear		
4	300500068	1	Bearing, 35 X 73 X 24		
5	300500067	1	Layshaft Clutch Housing		
6	300000255	1	Baffle, Oil		
7	300000460	1	Spring		
8	300000250	1	Spring Retainer		
9	300500066	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		

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN • AS500 & AS850 · TRANSMISSION & DRIVETRAIN

Mainshaft Clutch



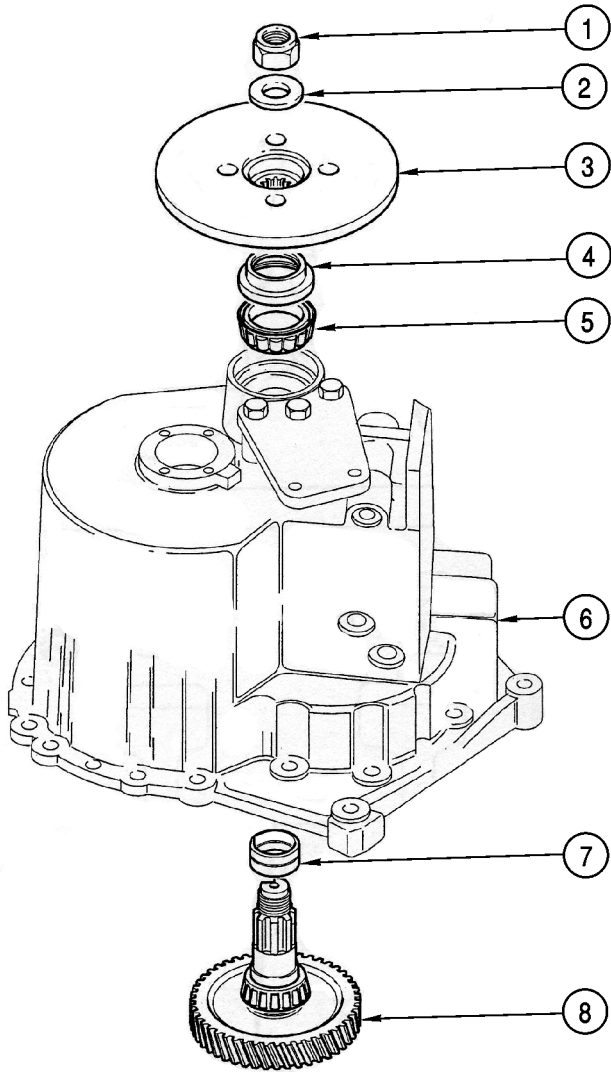
Item	Part Number	Qty	Description	Size	Comments
1	300000545	2	Seal, Ring		
2	300000575	1	Bearing, 35 X 65 X 18		
3	300500050	1	Bearing		
4	300000085	1	Circlip		
5	300500015	1	Pressure Plate	6.0 MM	
5A	300500016	1	Pressure Plate	6.5 MM	
6	300000270	as required	Shim Plate, Toothed		
7	300000170	9	Friction 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		

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN · AS500 & AS850 · TRANSMISSION & DRIVETRAIN

Transfer Gear to Brake Disc



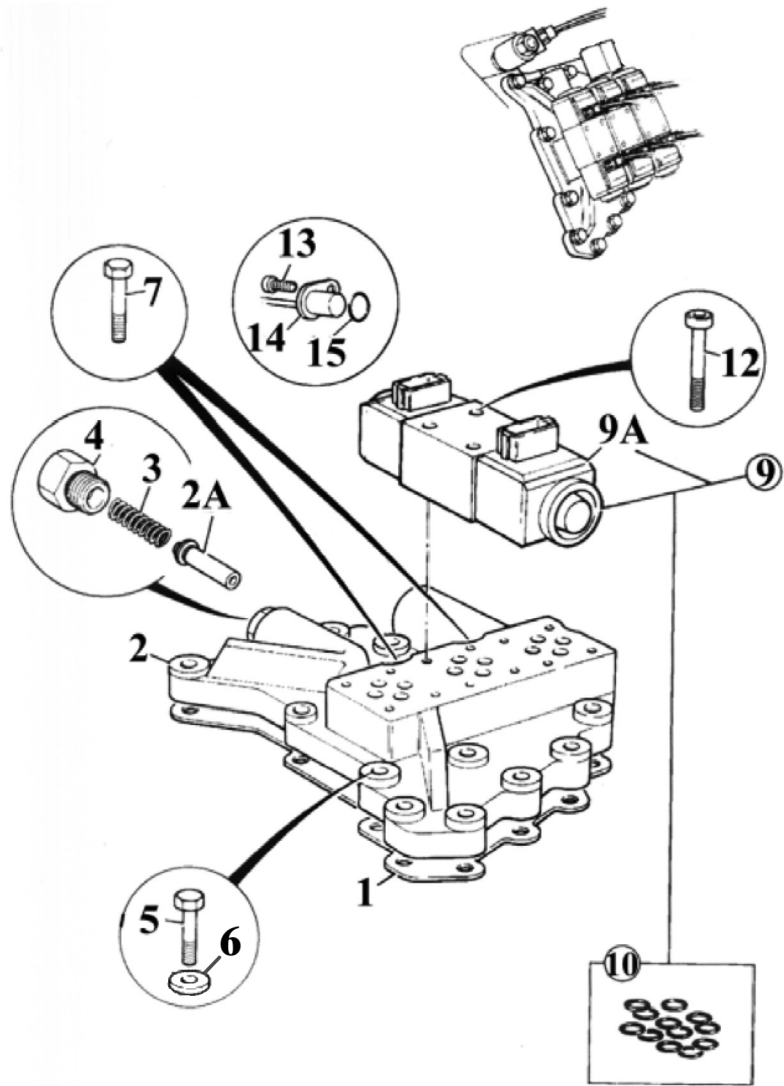
Item	Part Number	Qty	Description	Size	Comments
1	301200215	1	Nut, Stake M30 with Washer		
2	N/A	1	Washer		Included with #1
3	300500042	1	Flange, Brake Disc		
4	30000050	1	Seal, Main shaft		
5	300500043	1	Bearing, Transfer Gear		
6	300500003	1	Case, Rear		
7	301200190	1	Spacer Kit, Collapsible		
8	300500046	1	Gear, Transfer, 45 Tooth		

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

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Valve Block



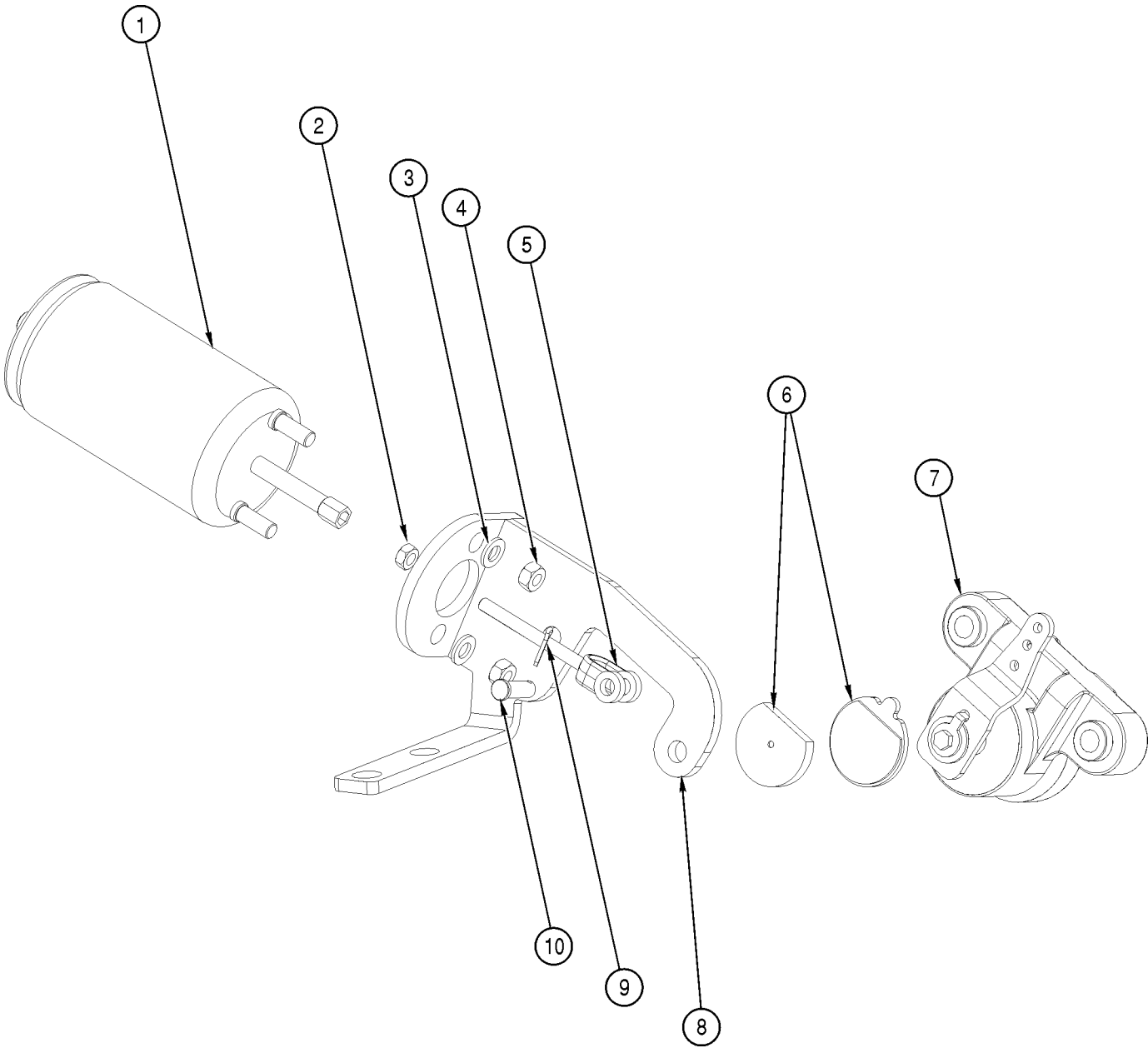
Item	Part Number	Qty	Description	Size	Comments
1	301300001	1	Gasket, Shift Solenoid Manifold Block		
2	300500070	1	Manifold Block, Adapter		
2A	300500071	1	Spool, Adapter Solenoid		
3	300000450	1	Spring, Spool Adapter		
4	300000220	1	Plug, Adapter Spool		
5	300500072	14	Bolt, M8		
6	300500073	16	Washer, 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		

Station 1

Transmission & Drivetrain • AS500 & AS850 (PowerShift 750 4-Speed)

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Parking Brake Assembly



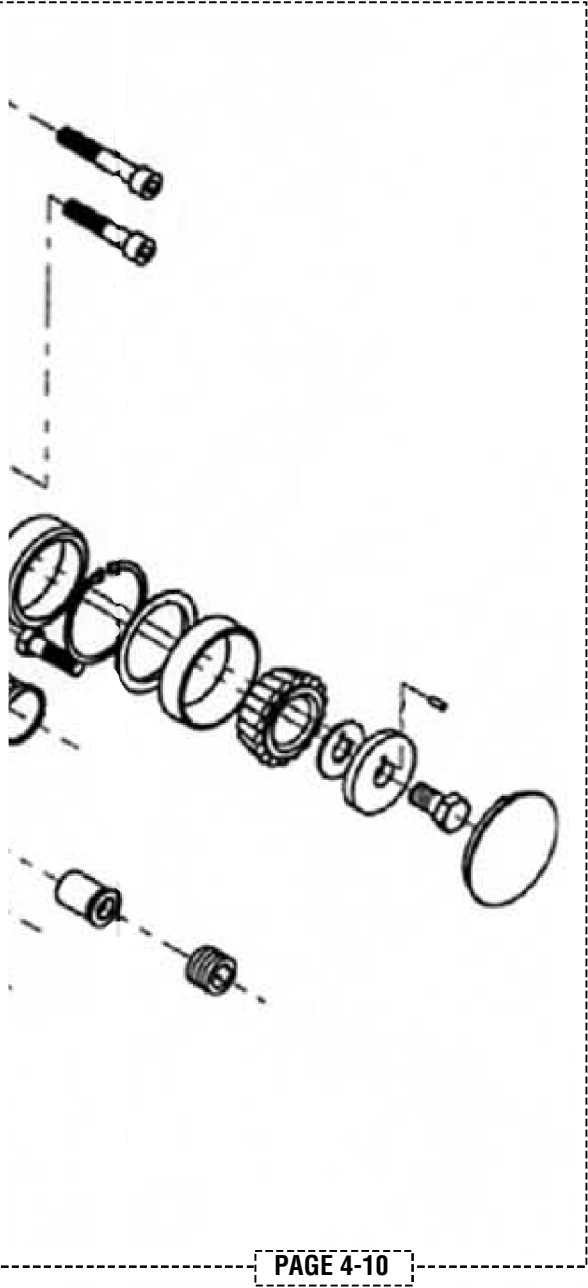
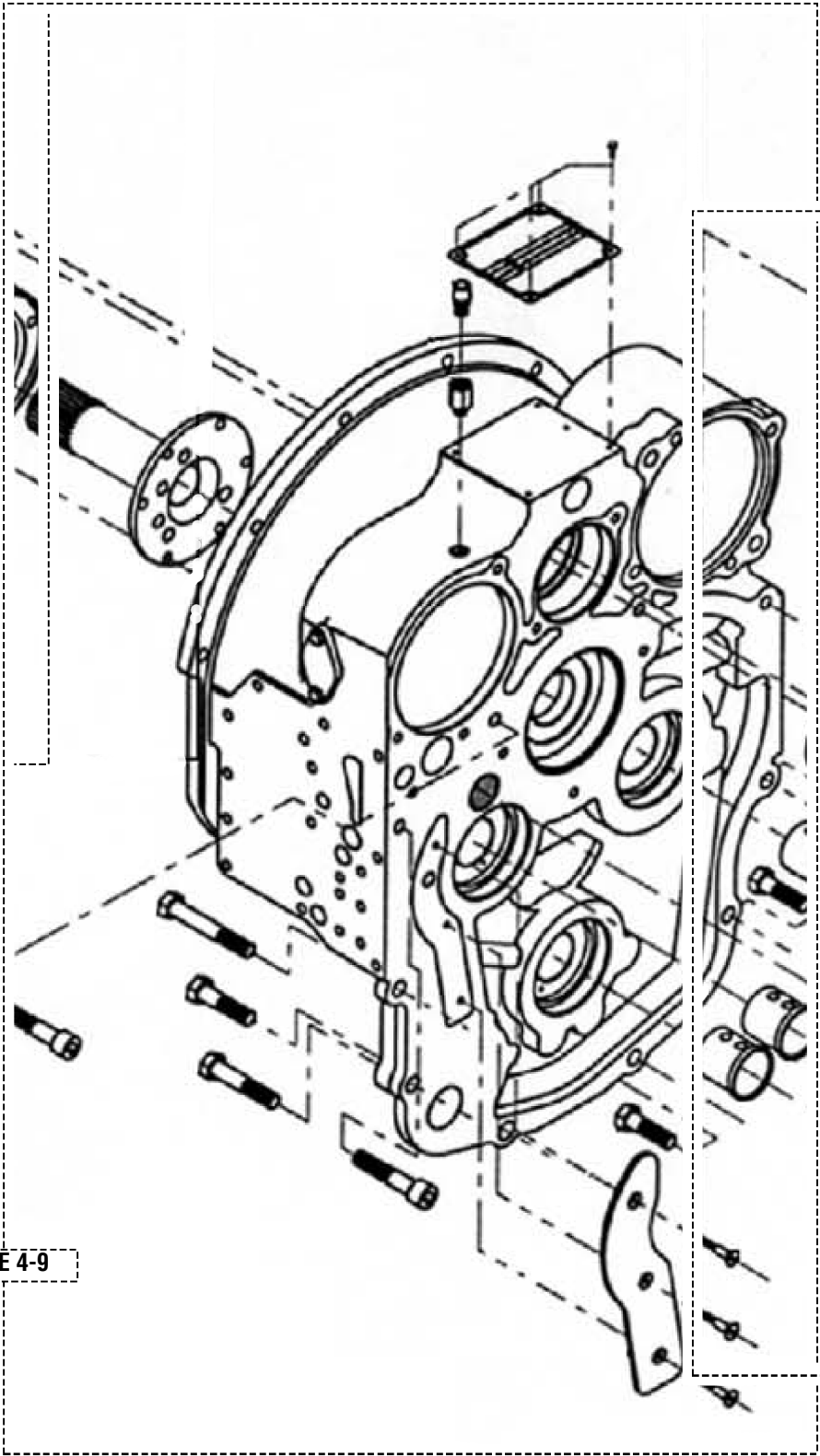
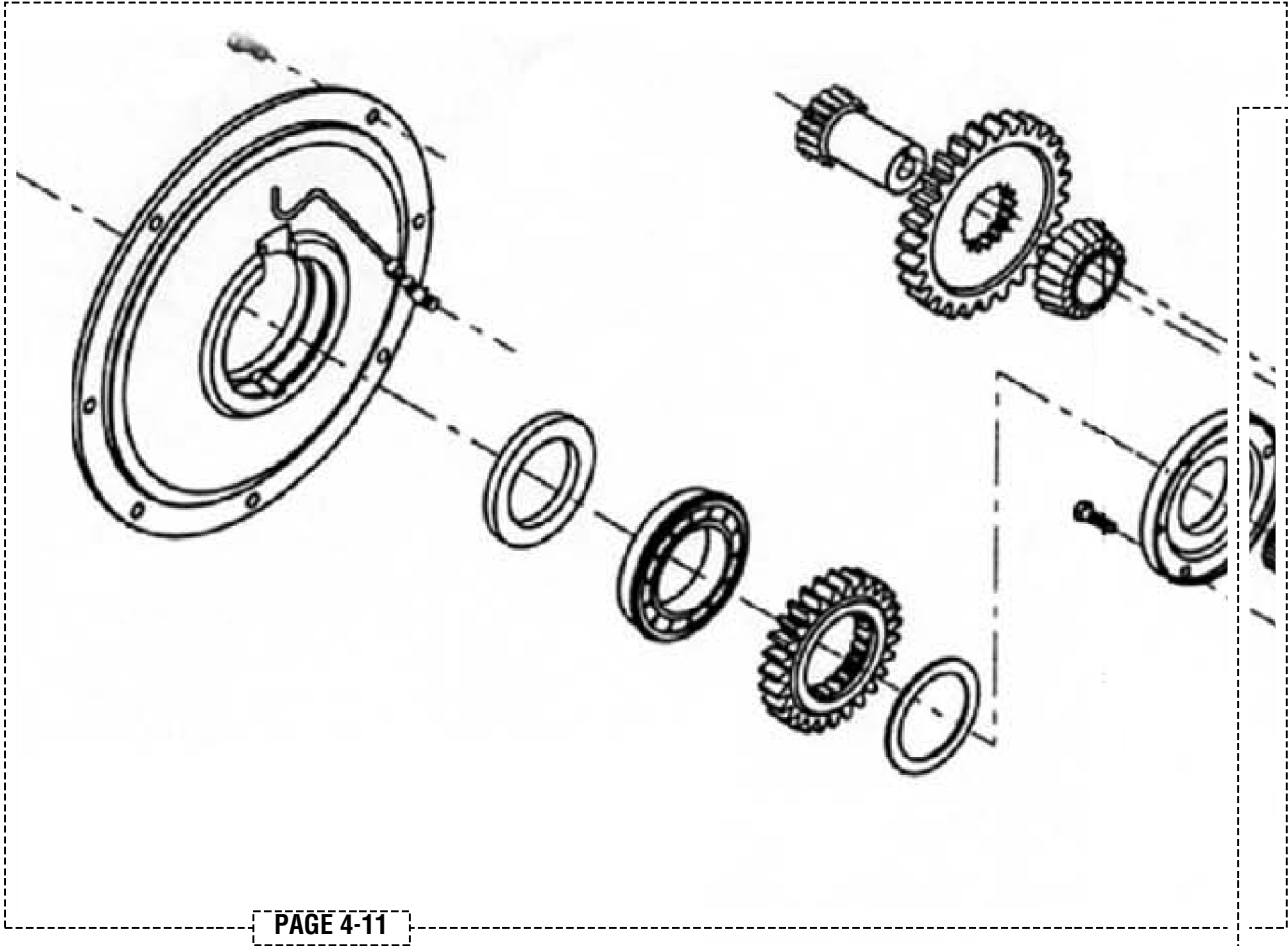
Item	Part Number	Qty	Description	Size	Comments
1	350000351	1	Parking Brake Can		Spring applied
2	901100460	1	Nut, Jam M10 X 1.50		
3	902003047	2	Washer, Lock M12		
4	901100466	2	Nut, M12 X 1.75		
5	350000353	1	Clevis, Adjuster for Park Brake Can		Includes Pin & Cotter Pin, Not used on ITL 6 SPD
6	301300061	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

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

AS1000 & AS1200 (Funk Transmission)
Overview

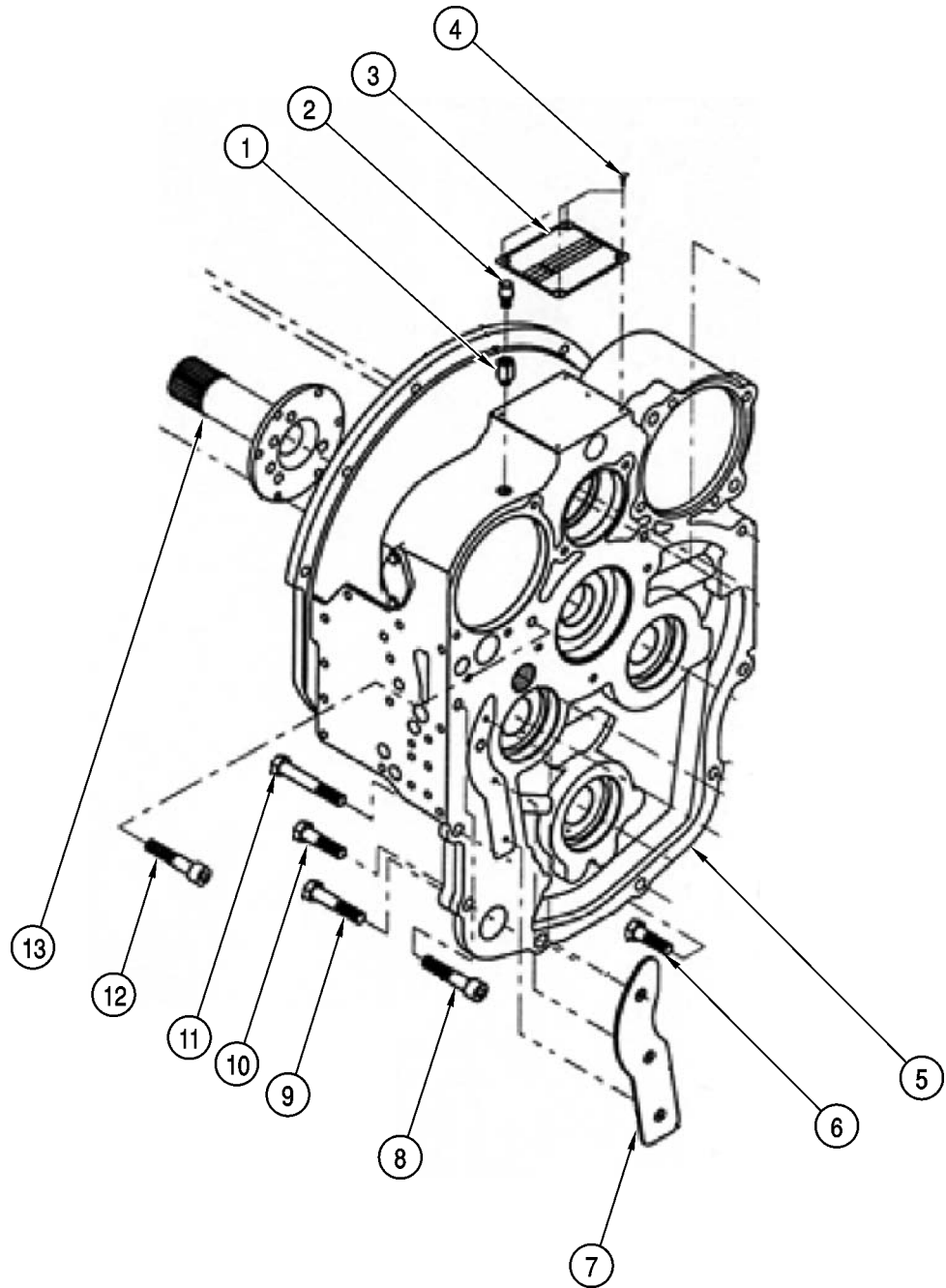


Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Stator Tube, ID Plate, Breather & Oil Passage Cover



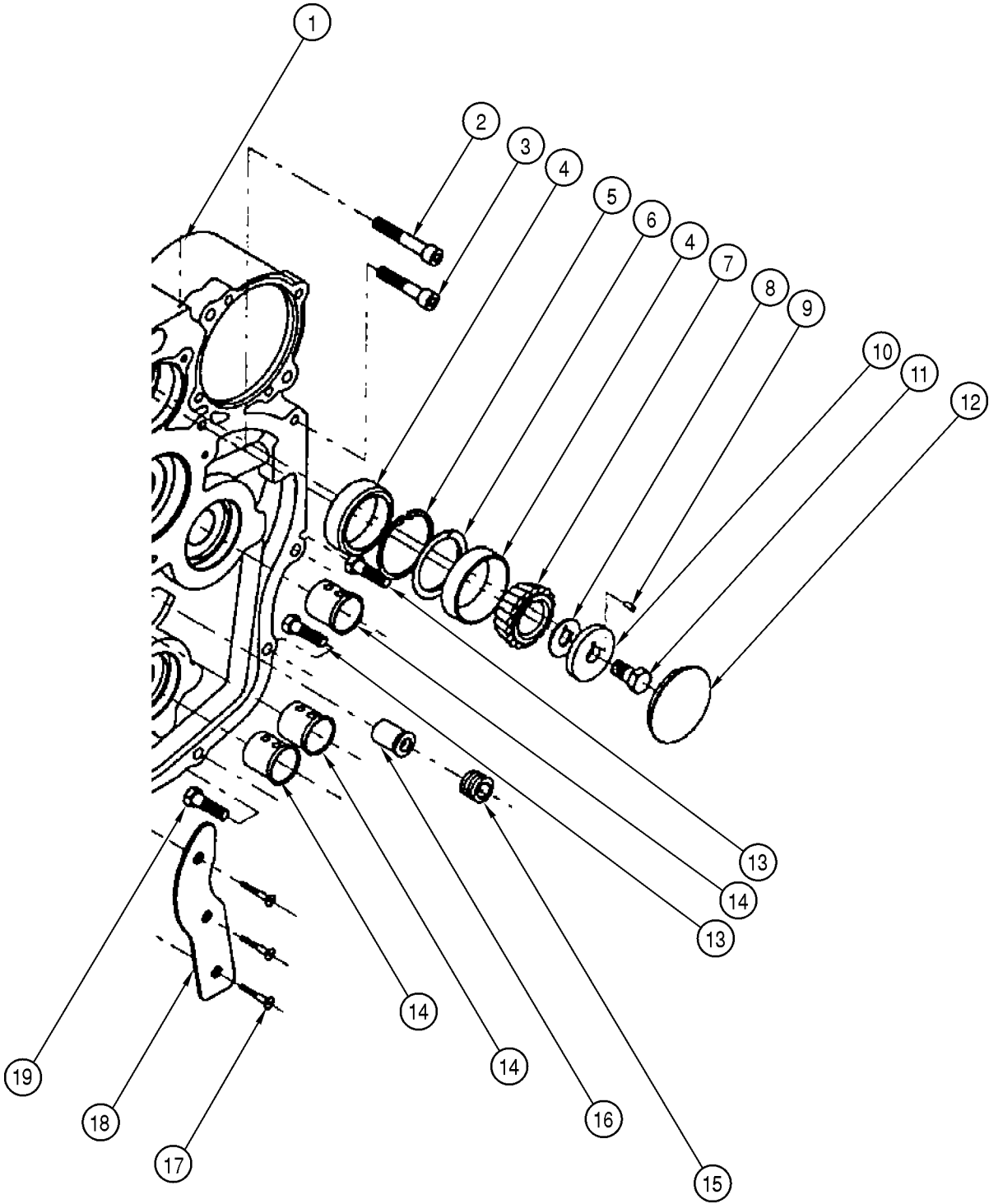
Item	Part Number	Qty	Description	Size	Comments
1	NSS	1	Adapter, Breather		Included with #2
2	300400127	1	Breather, Funk Transmission		
3	300400125	1	Serial Tag		
4	300400126	4	Screw, Mount		
5	300400101	1	Front Cover, Funk		
6	300400130	3	Capscrew, Case		
7	300400102	1	Cover, Oil Passage		
8	300400129	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		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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Idler Gearshaft Components & Bore Sleeves



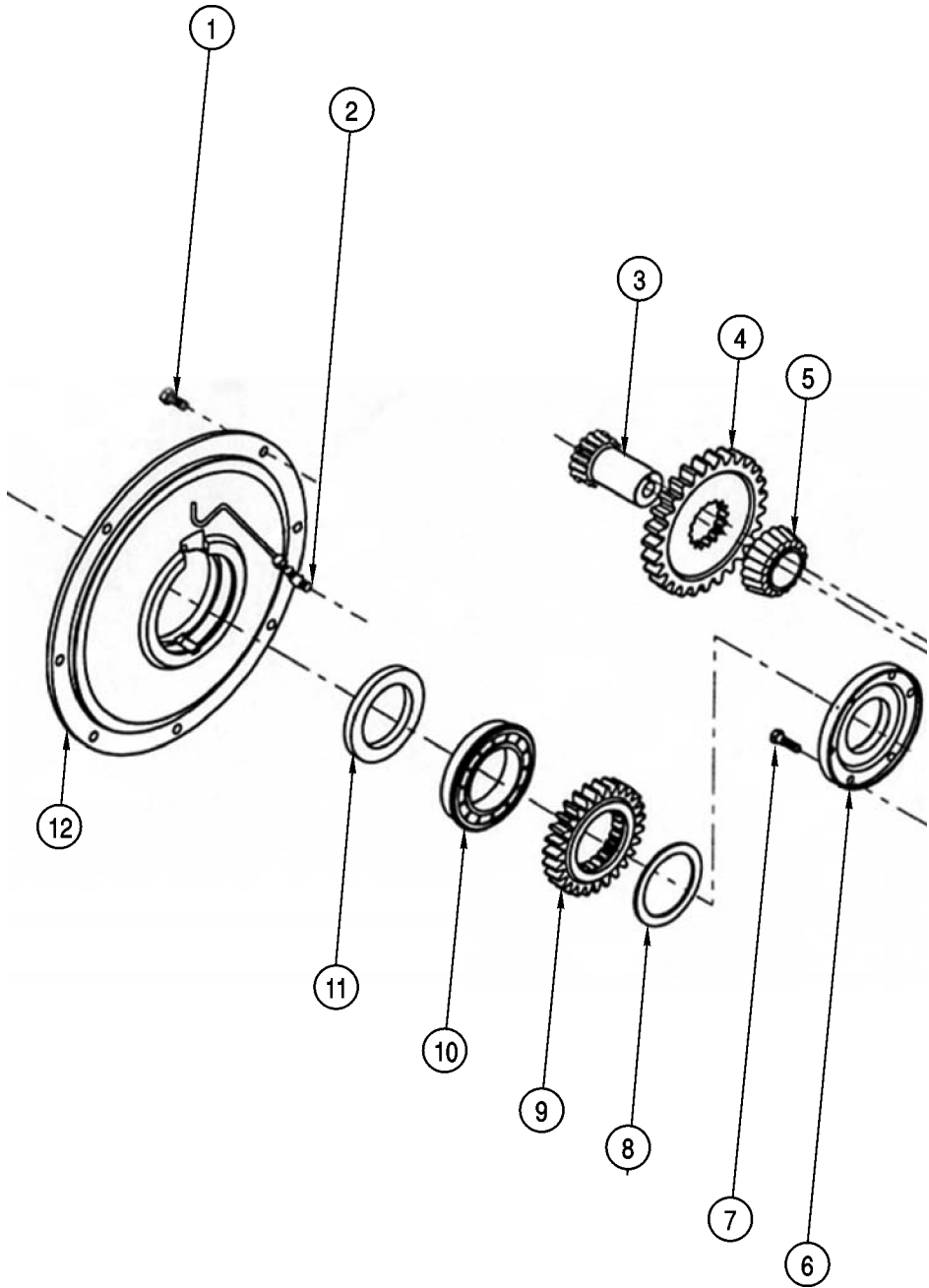
Item	Part Number	Qty	Description	Size	Comments
1	300400101	1	Front Cover, Funk		
2	300400128	1	Capscrew, Case		
3	300400129	3	Capscrew, Case		
4	300400109	2	Cup, Idler Gear Bearing		
5	300400110	1	Snap Ring		
6	300400113	1	Spacer		
7	300400134	2	Bearing, Idler Gear		
8	NSS	1	Spacer, Retainer		Included 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		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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Bearing Retainer & Idler Assembly



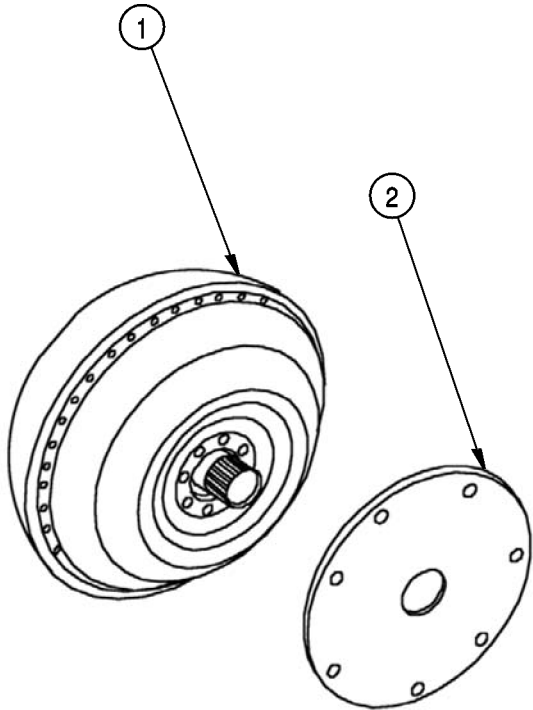
Item	Part Number	Qty	Description	Size	Comments
1	300400118	7	Capscrew, Bearing Retainer		
2	300400141	1	Elbow, Oil Tube		
3	300400108	1	Idler Gear Shaft		
4	300400107	1	Idler Gear		
5	300400134	2	Bearing, Idler Gear		
6	300400117	1	Retainer, Stator Tube		
7	300400118	6	Capscrew, Retainer		
8	300400119	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		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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Torque Converter



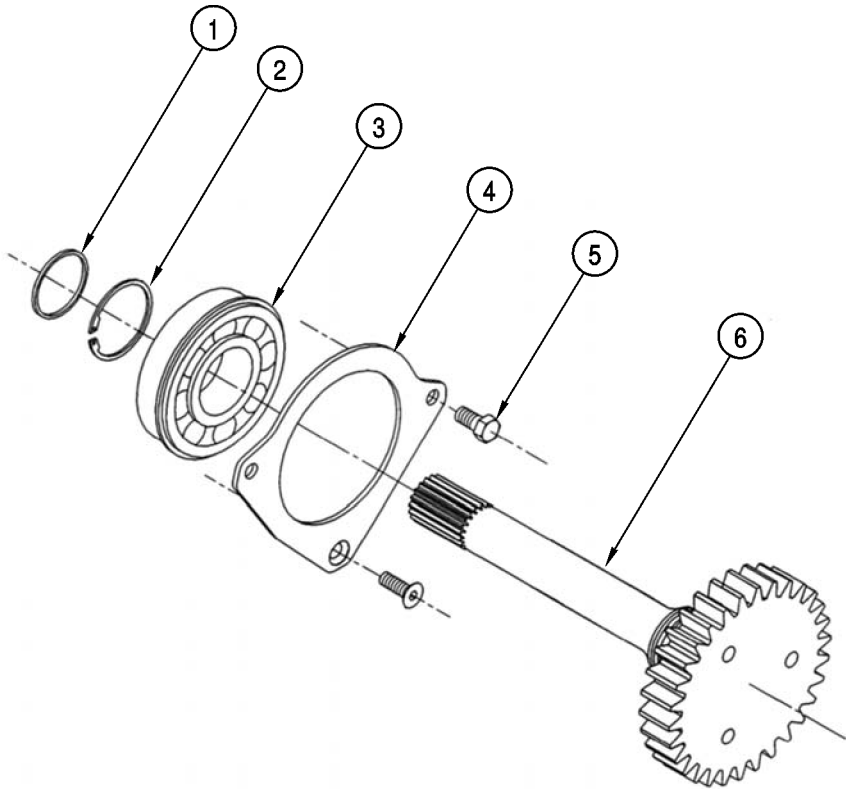
Item	Part Number	Qty	Description	Size	Comments
1	300400147	1	Torque Converter, Funk Transmission		
2	300400148	1	Flex Plate Assembly		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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Input Shaft



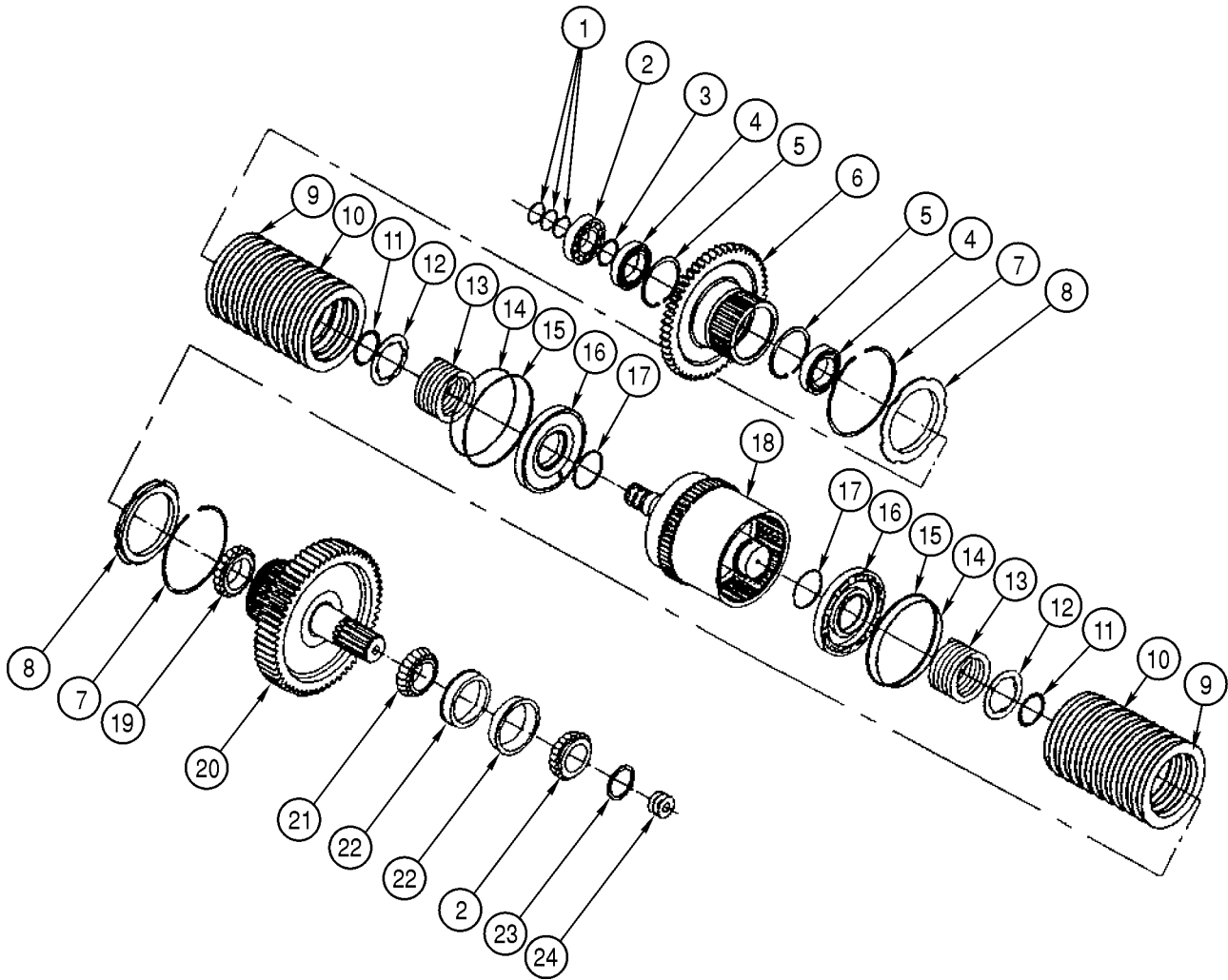
Item	Part Number	Qty	Description	Size	Comments
1	300400154	1	Seal Ring		
2	300400153	1	Snap Ring		
3	300400150	1	Bearing, Input Shaft		
4	300400151	1	Retainer, Bearing and Shaft		
5	300400152	3	Capscrew, Retainer		
6	300400149	1	Input Shaft		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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First Stage Clutch



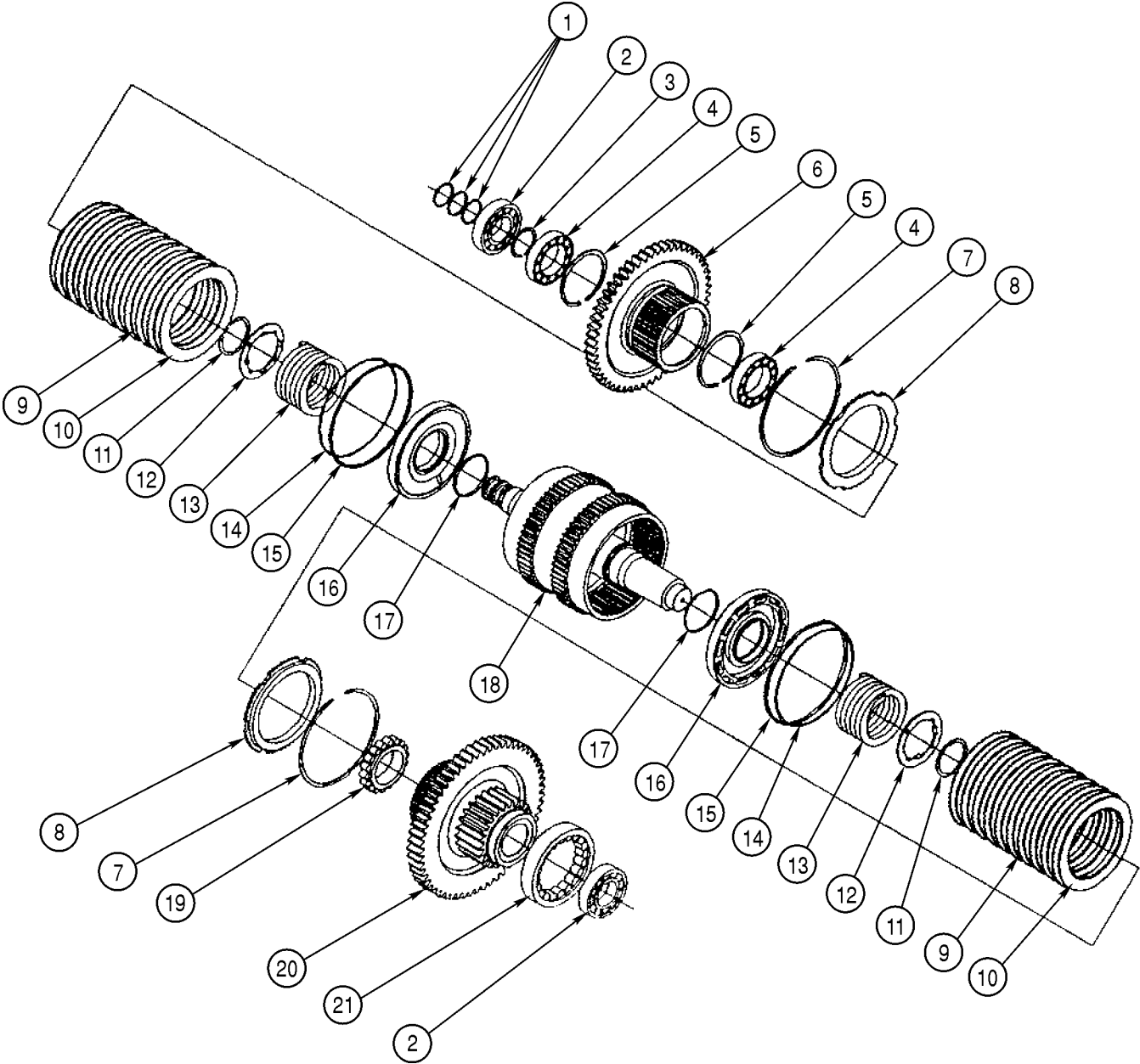
Item	Part Number	Qty	Description	Size	Comments
1	300400184	3	Sealing Ring		
2	300400183	2	Bearing		
3	300400200	1	Snap Ring		
4	300400169	2	Bearing		
5	300400170	2	Snap Ring		
6	300400168	1	Gear and Hub, Forward High Range		
7	300400167	2	Snap Ring		
8	300400166	2	Retainer, Clutch Plate		
9	300400165	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

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Second Stage Clutch



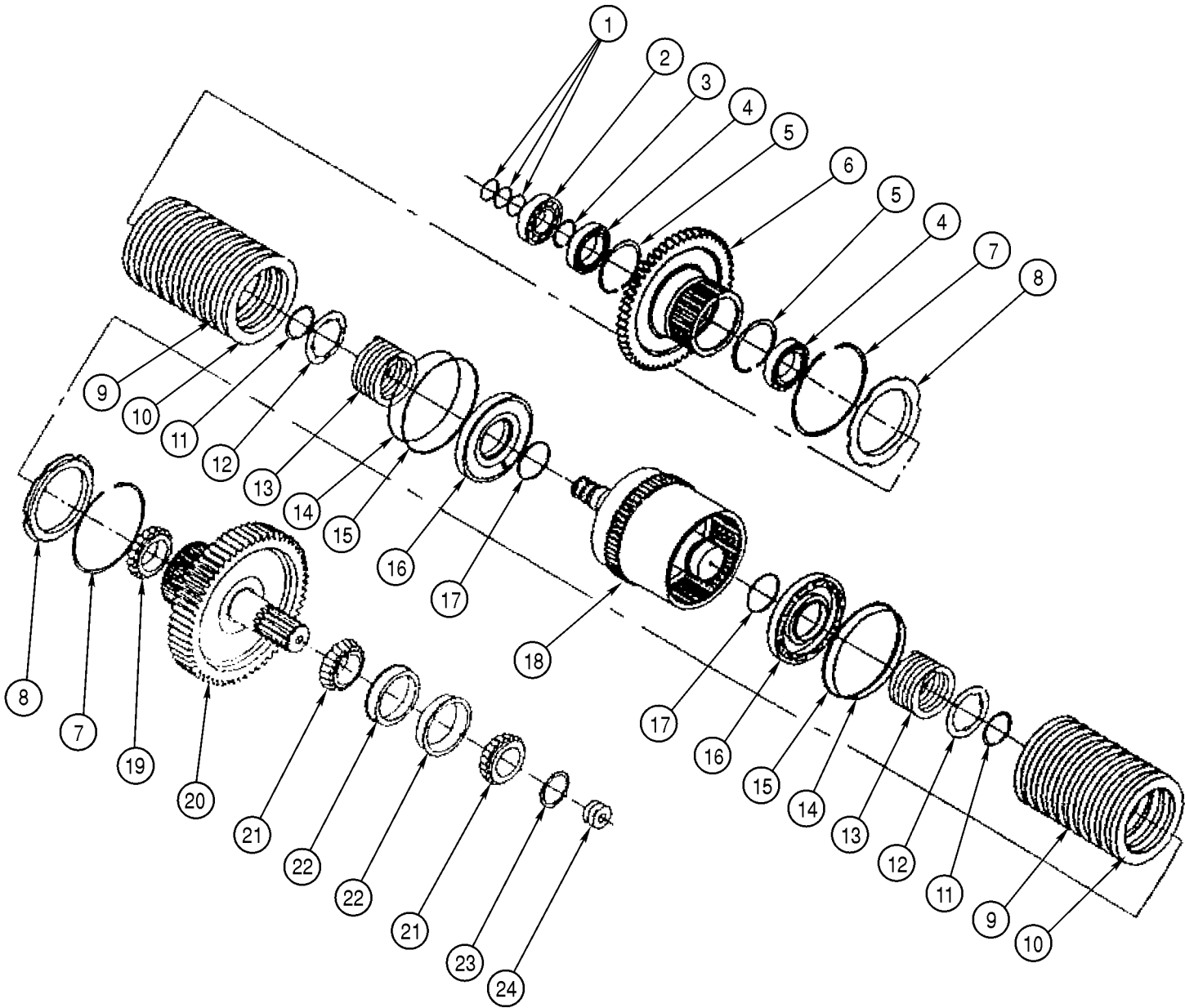
Item	Part Number	Qty	Description	Size	Comments
1	300400184	3	Seal Ring		
2	300400183	2	Bearing		
3	300400182	1	Snap Ring		
4	300400169	2	Bearing		
5	300400170	2	Snap Ring		
6	300400168	1	Gear and Hub, Forward Low Range		
7	300400167	2	Snap Ring		
8	300400166	2	Clutch Plate Retainer		
9	300400165	20	Separator 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

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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Third Stage Clutch



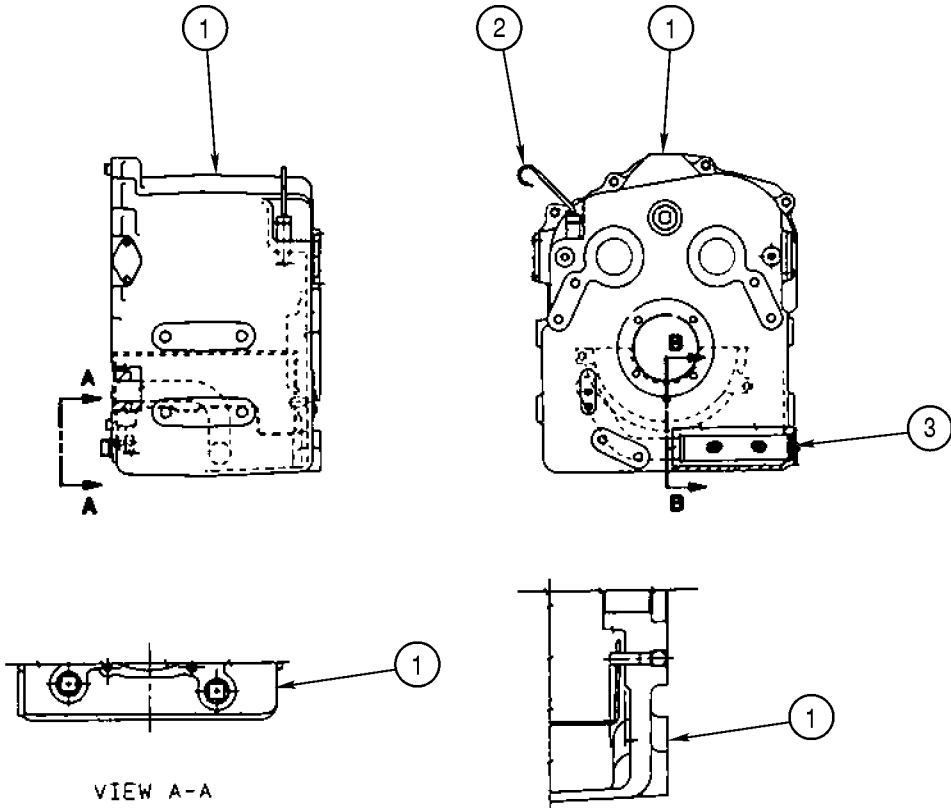
Item	Part Number	Qty	Description	Size	Comments
1	300400184	3	Seal Ring		
2	300400183	1	Bearing		
3	300400220	1	Snap Ring		
4	300400198	2	Bearing		
5	300400170	2	Snap Ring		
6	300400218	1	Gear and Hub, Reverse		
7	300400167	2	Snap Ring		
8	300400195	2	Clutch Plate Retainer		
9	300400215	20	Separator Plate		
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

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Rear Case



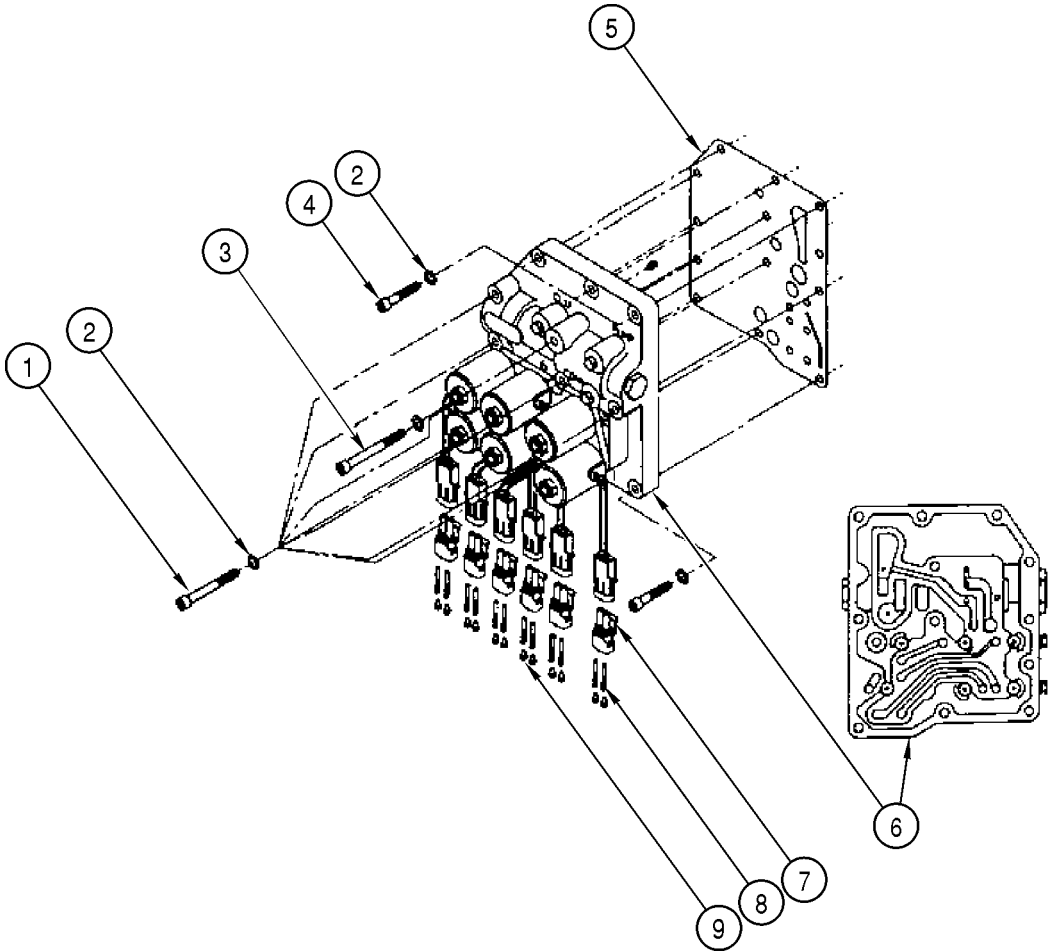
Item	Part Number	Qty	Description	Size	Comments
1	300400235	1	Case Assembly, Main Funk		
2	300000022	1	Dipstick, Funk		
3	300400243	1	Suction Strainer Assembly		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

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Manifold Assembly



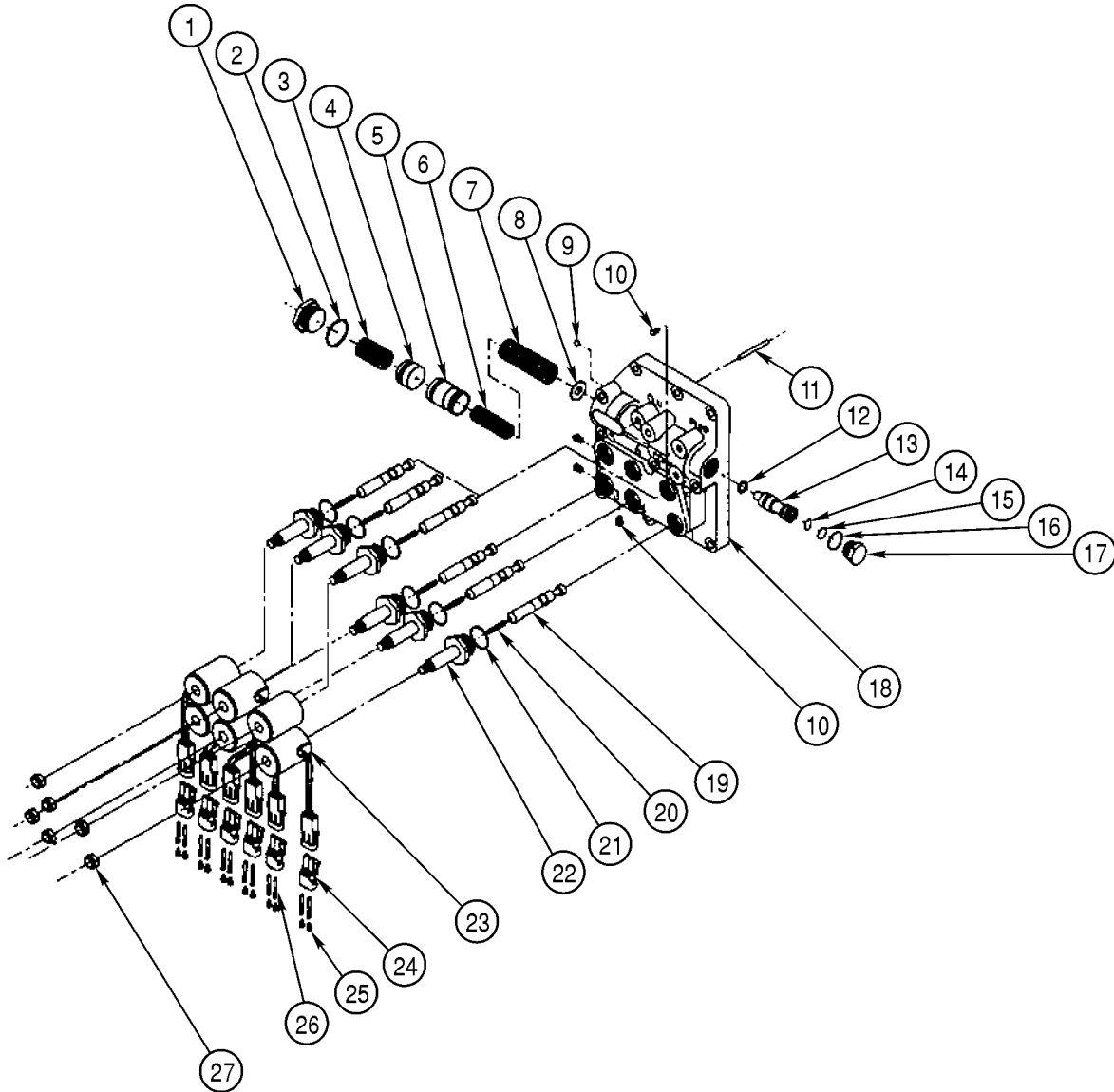
Item	Part Number	Qty	Description	Size	Comments
1	300400257	7	Capscrew		
2	350400252	12	Washer, Flat		
3	300400261	1	Capscrew		
4	300400256	4	Capscrew		
5	300400260	1	Gasket, Valve Body		
6	300400255	1	Body, Valve Assembly		
7	300400286	6	Connector Kit		
8	NSS	12	Pins		Included with #7
9	NSS	12	Seal	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

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Manifold Components



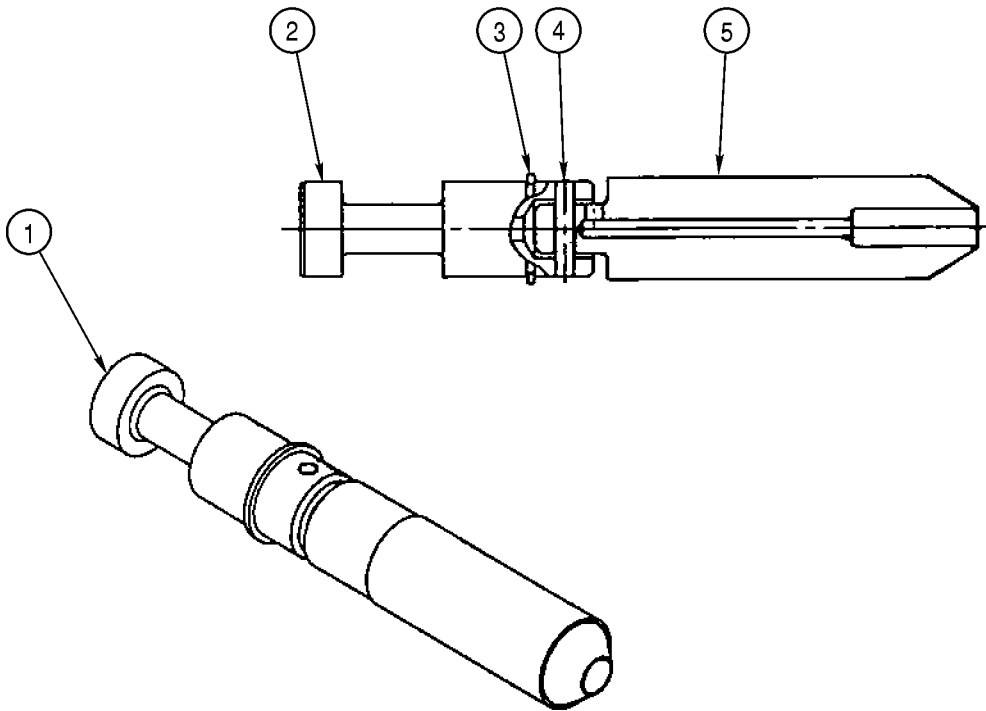
Item	Part Number	Qty	Description	Size	Comments
1	300400272		Plug, Dump Valve		
2	300400271		O Ring		
3	300400270		Spring, Dump		
4	300400269		Valve		
5	300400267		Piston Accumulator		
6	300400266		Spring, Inner		
7	300400265		Spring, Outer		
8	300400264		Washer		
9	300400263		Ball		
10	300400285	6	Plug		
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		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200

Solenoid



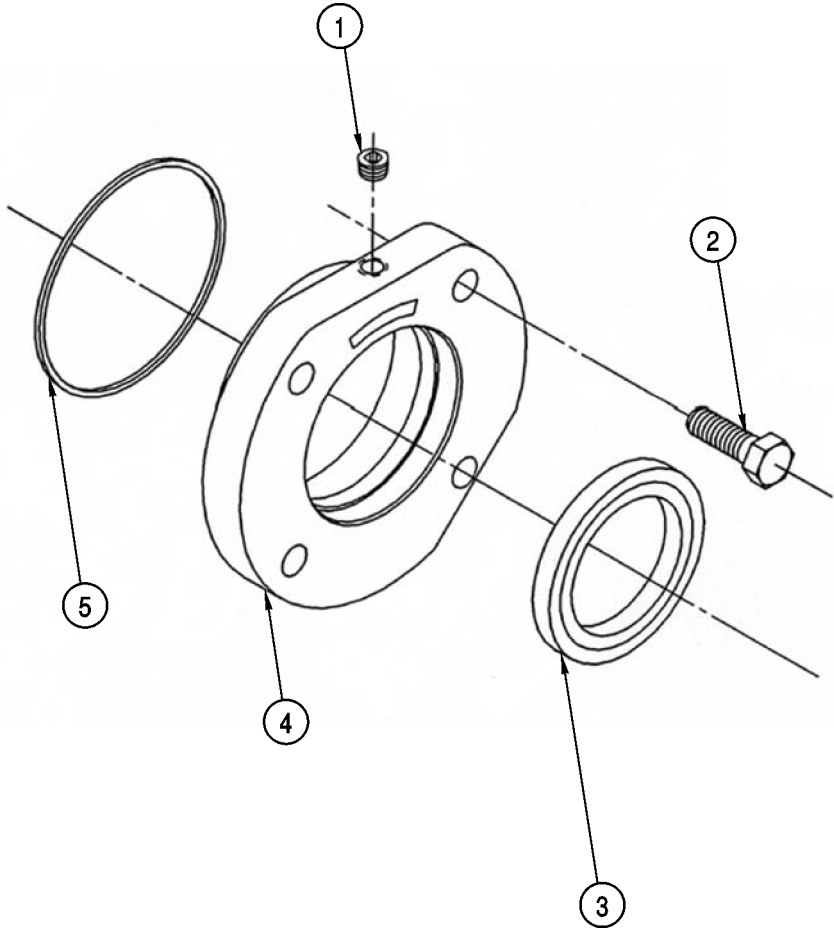
Item	Part Number	Qty	Description	Size	Comments
1	300400279	1	Plunger & Spool Assembly		
2	300400287	1	Spool, Solenoid		
3	300400290	1	Snap Ring		
4	300400289	1	Pin, Roll		
5	300400288	1	Plunger, Solenoid		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200

Output Retainer



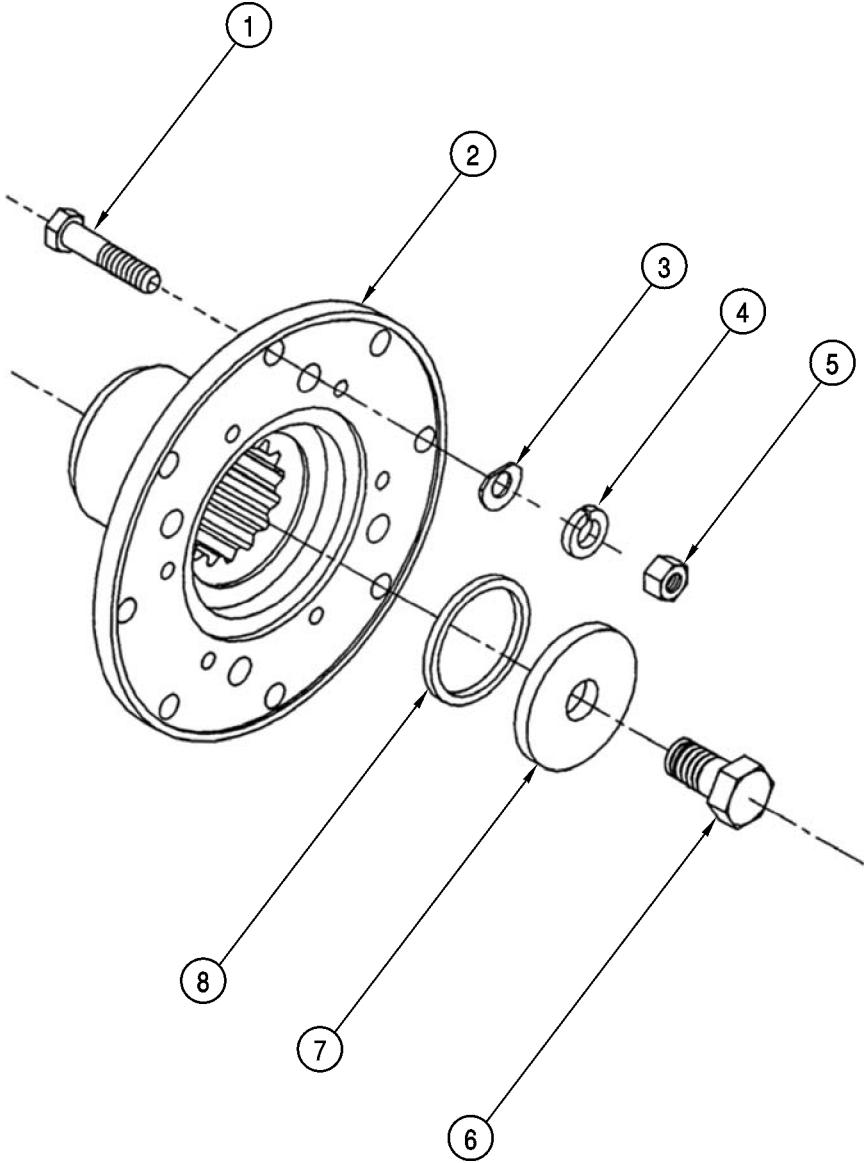
Item	Part Number	Qty	Description	Size	Comments
1	300400295	1	Plug		
2	300400294	4	Capscrew, Output Retainer		
3	300400292	1	Oil Seal, Output		
4	300400291	1	Retainer, Output Bearing		
5	300400293	1	O Ring		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Companion Flange



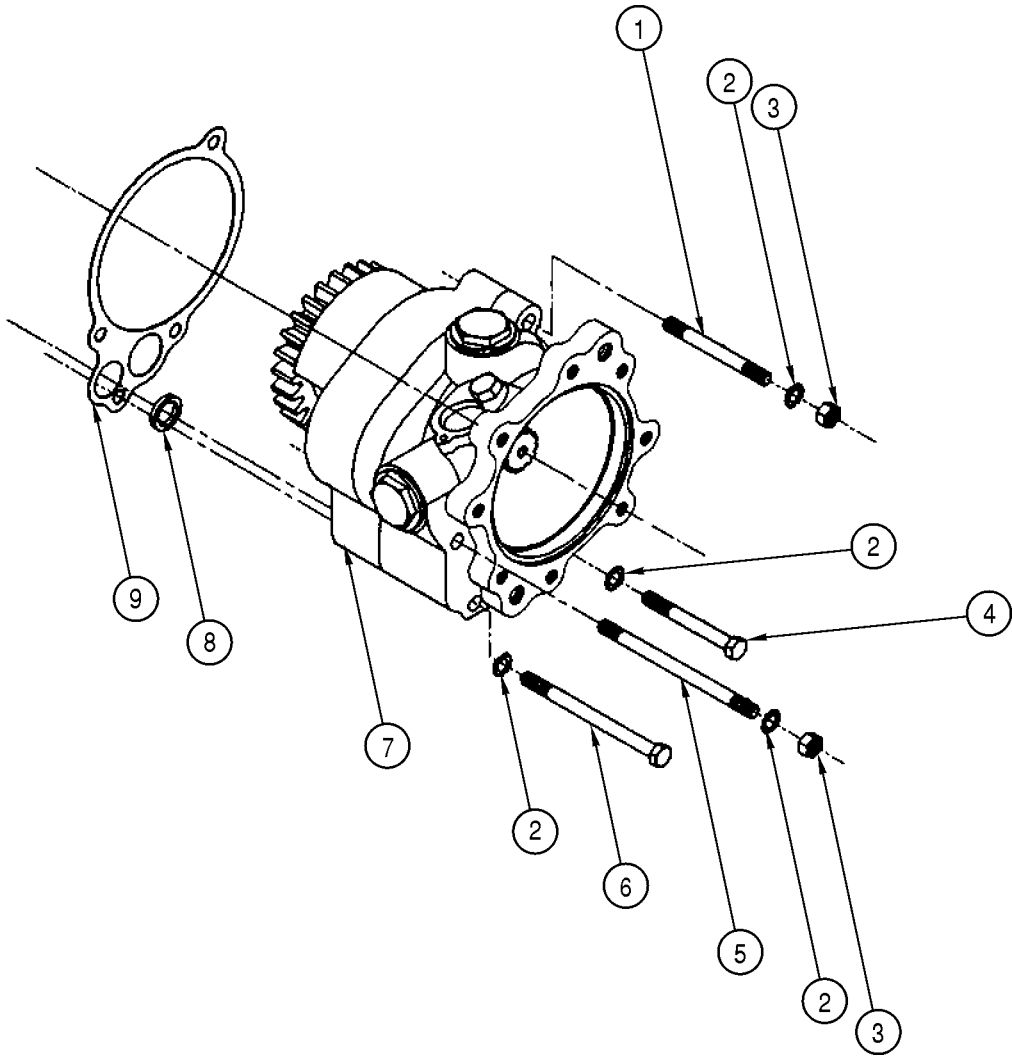
Item	Part Number	Qty	Description	Size	Comments
1	300400300	8	Cap Screw		
2	300400296	1	Companion Flange		
3	300400303	8	Washer, Clipped		
4	300400302	8	Washer, Lock		
5	300400301	8	Nut		
6	300400299	1	Cap Screw		
7	300400298	1	Washer, Yoke		
8	300400297	1	O Ring		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200

Charge Pump Assembly



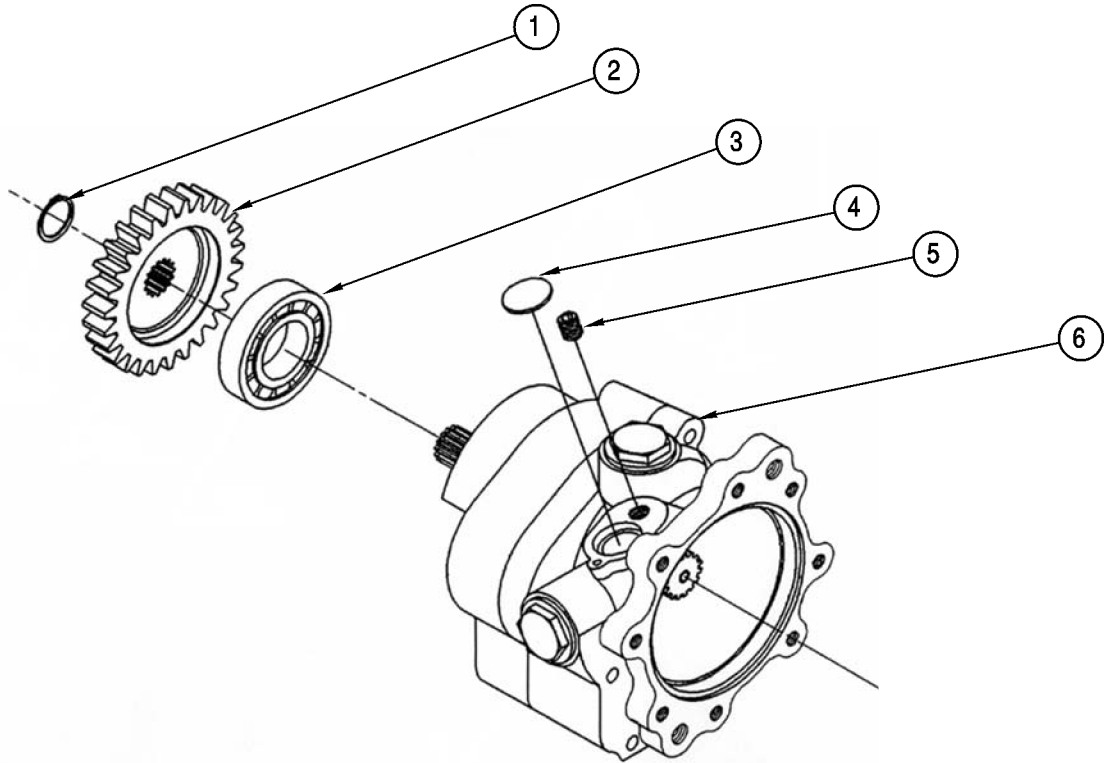
Item	Part Number	Qty	Description	Size	Comments
1	300400311	1	Stud		
2	300400302	4	Washer, Lock		
3	300400310	2	Nut		
4	300400306	1	Capscrew		
5	300400308	1	Stud		
6	300400307	1	Capscrew		
7	300400304	1	Charge Pump Assembly		
8	300400312	1	O Ring		
9	300400305	1	Gasket, Charge Pump		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Charge Pump Gear



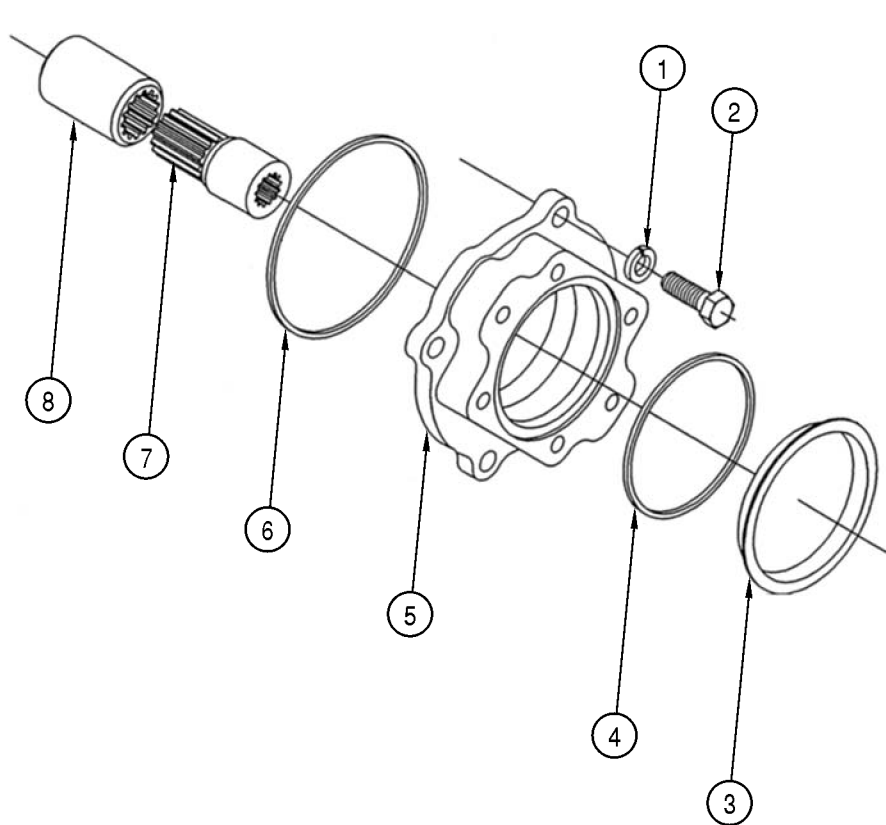
Item	Part Number	Qty	Description	Size	Comments
1	300400317	1	Snap Ring		
2	300400316	1	Gear, Charge Pump Drive		
3	300400315	1	Bearing, Drive Gear		
4	300400319	1	Expansion Plug		
5	300400318	1	Capscrew for Expansion Plug		
6	300400304	1	Charge Pump Assembly		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Auxiliary Pump Adapter



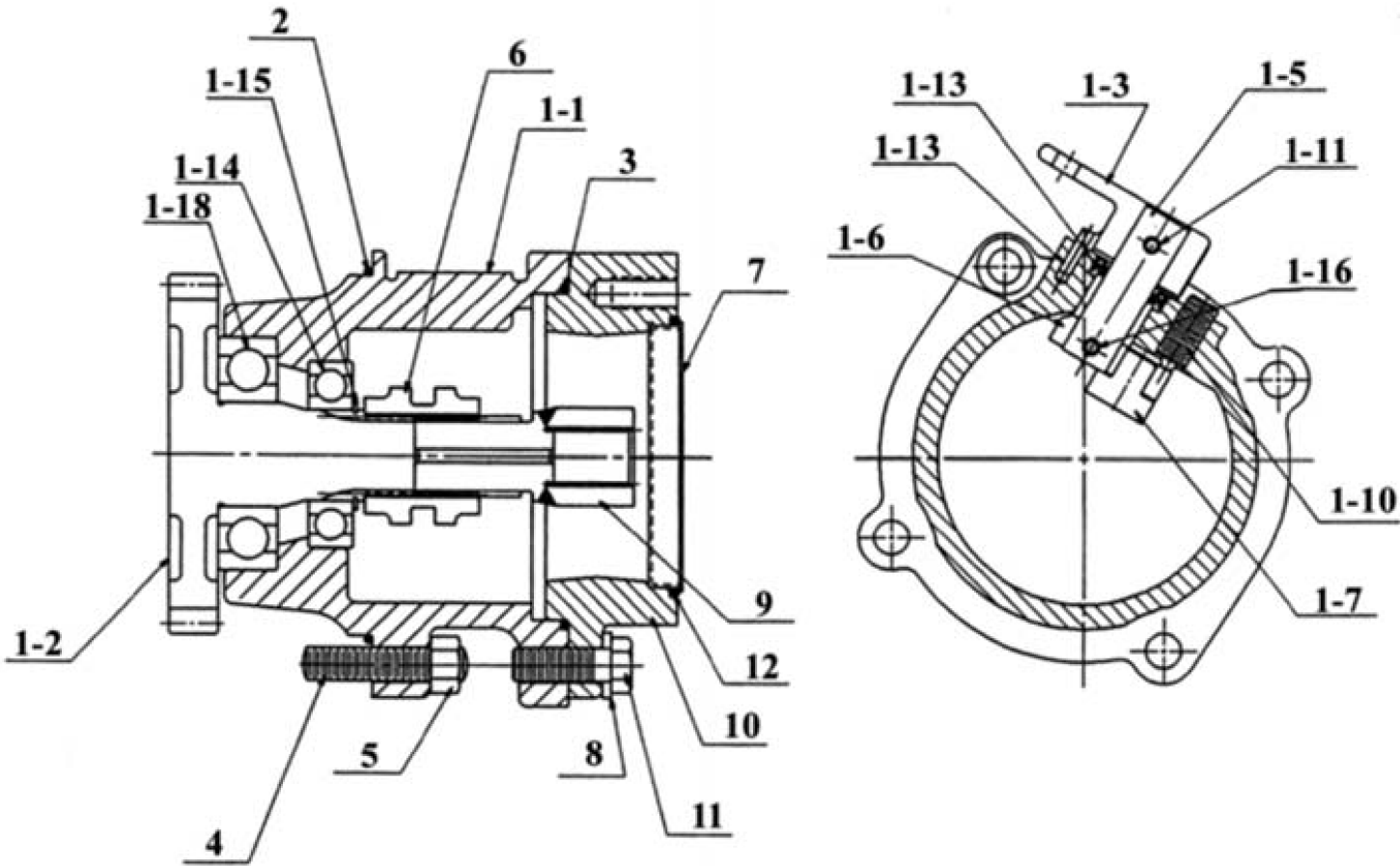
Item	Part Number	Qty	Description	Size	Comments
1	300400327	4	Washer, Lock		
2	300400130	4	Capscrew		
3	300400322	1	Plug, Shipping		
4	300400324	1	O Ring		
5	300400323	1	Adapter Plate, Auxiliary Pump Drive		
6	300400325	1	O Ring		
7	300400321	1	Sleeve Adapter, Inner		
8	300400320	1	Sleeve Adapter		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Auxiliary Pump with Adapter Assembly



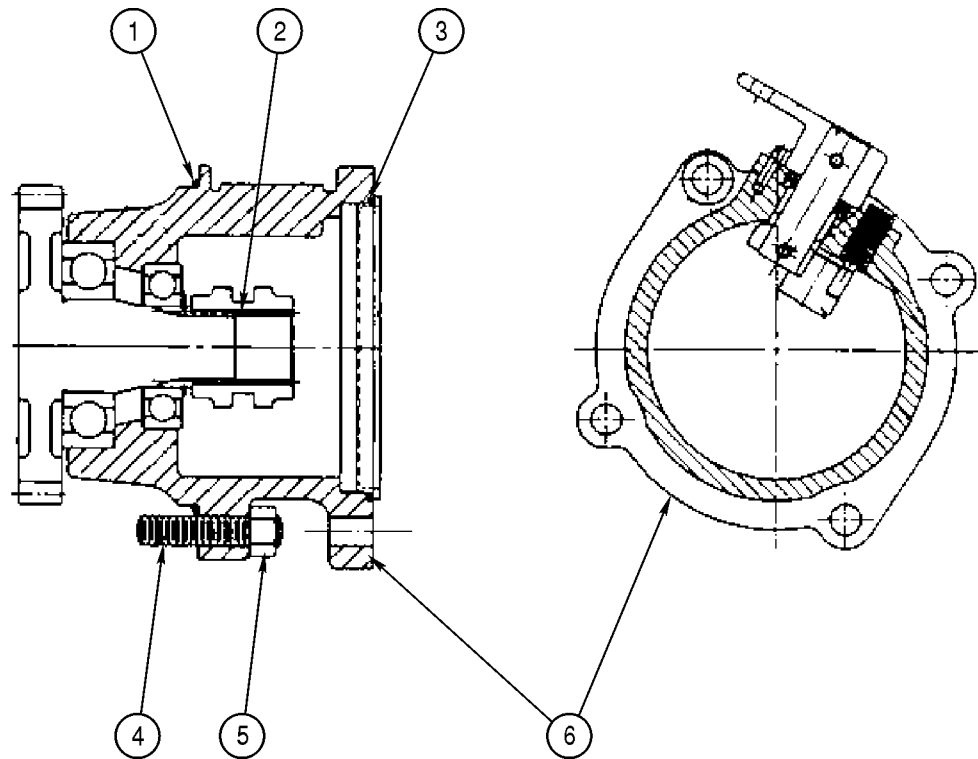
Item	Part Number	Qty	Description	Size	Comments
1-1	300400331	1	Housing, Auxiliary Pump Drive		
1-2	300400332	1	Drive Gear, Auxiliary Pump		
1-3	300400333	1	Arm, Shift, Disconnect		
1-5	300400334	1	Shaft, Disconnect		
1-6	300400335	1	Block Detent		
1-7	300400336	1	Fork, Disconnect		
1-10	300400344	1	Spring 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		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200 · TRANSMISSION & DRIVETRAIN · AS1000 & AS1200

Auxiliary Pump Drive Housing



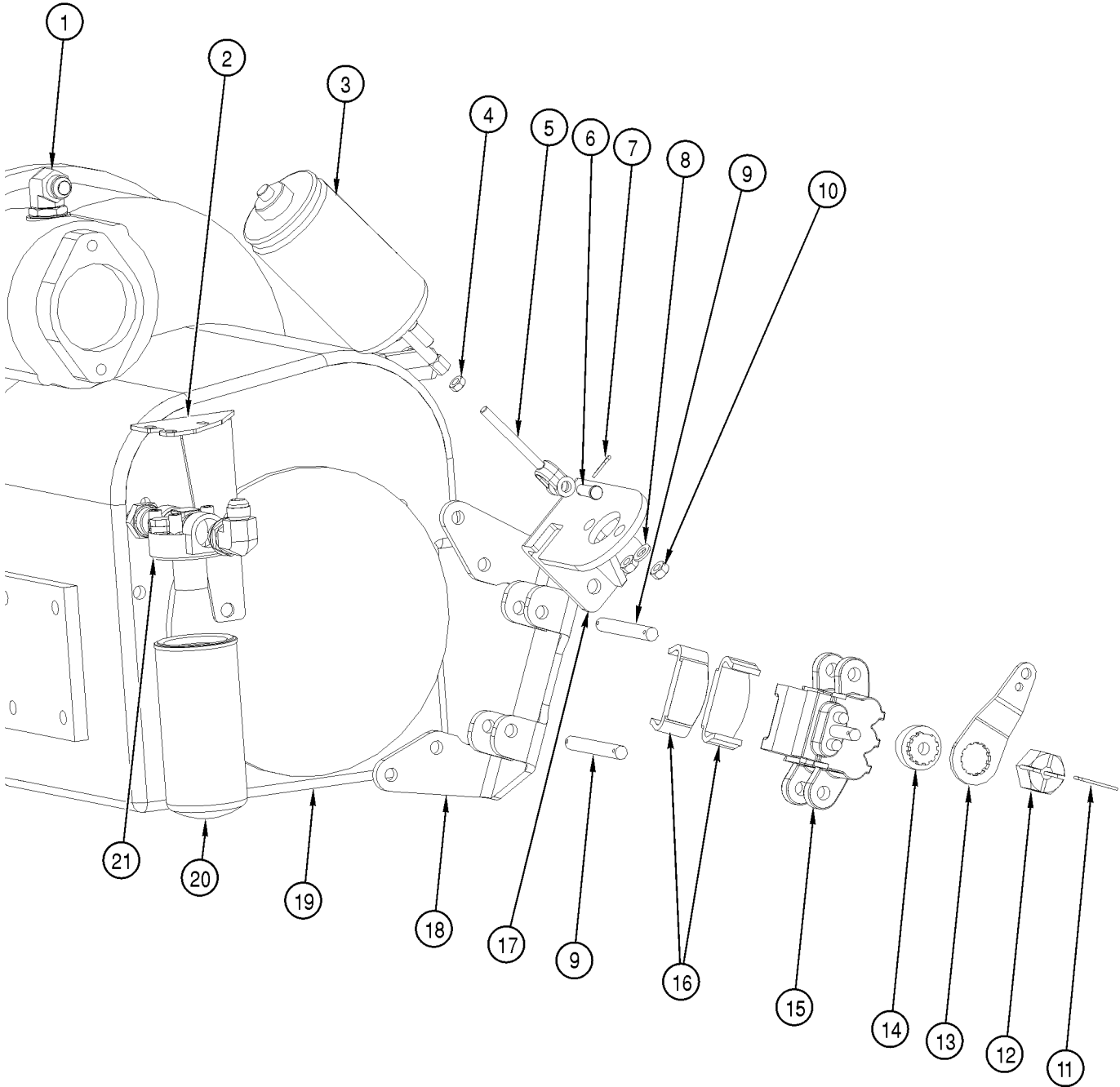
Item	Part Number	Qty	Description	Size	Comments
1	300400325	1	O Ring		
2	300400330	1	Disconnect Sleeve		
3	300400326	1	O Ring		
4	300400355	4	Stud		
5	300400329	4	Nut		
6	300400328	1	Complete Auxiliary Pump Drive Assy		

Station 1

Transmission & Drivetrain • AS1000 & AS1200 (Funk Transmission)

TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200 • TRANSMISSION & DRIVETRAIN • AS1000 & AS1200

Parking Brake Assembly

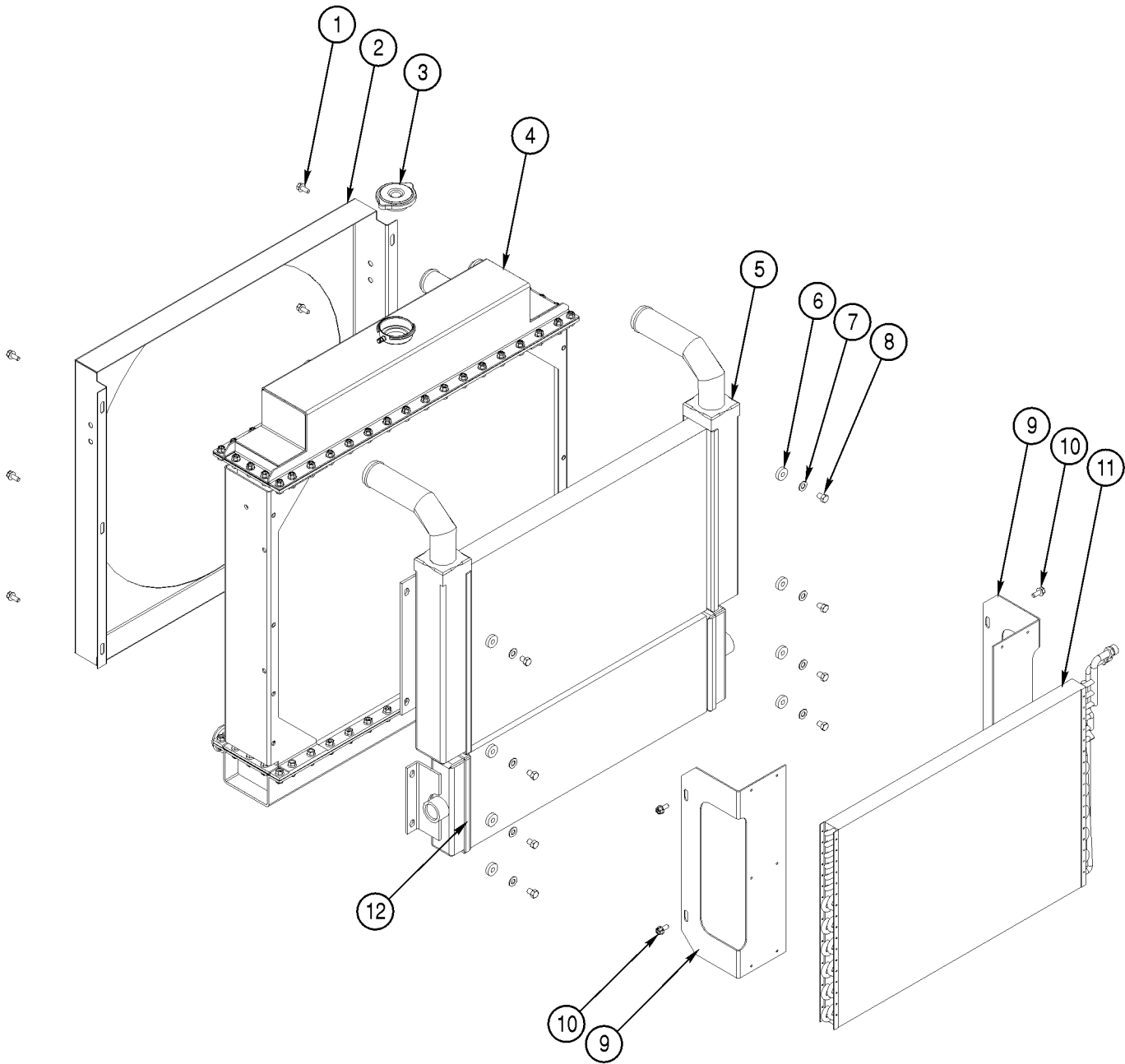


Item	Part Number	Qty	Description	Size	Comments
1	800404254	1	Fitting, 12 FLF X 16 ORM 90		
2	390000511	1	Bracket, Transmission Filter		
3	350000351	1	Parking Brake Can		
4	901100460	1	Nut, Jam M10 X 1.50		
5	350000353	1	Clevis, Adjuster for Park Brake Can		Includes Pin & Cotter Pin, Not used on ITL 6 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		

Station 1 Cooling Package • AS500

COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500 • COOLING PACKAGE • AS500

Cooling Package
AS500

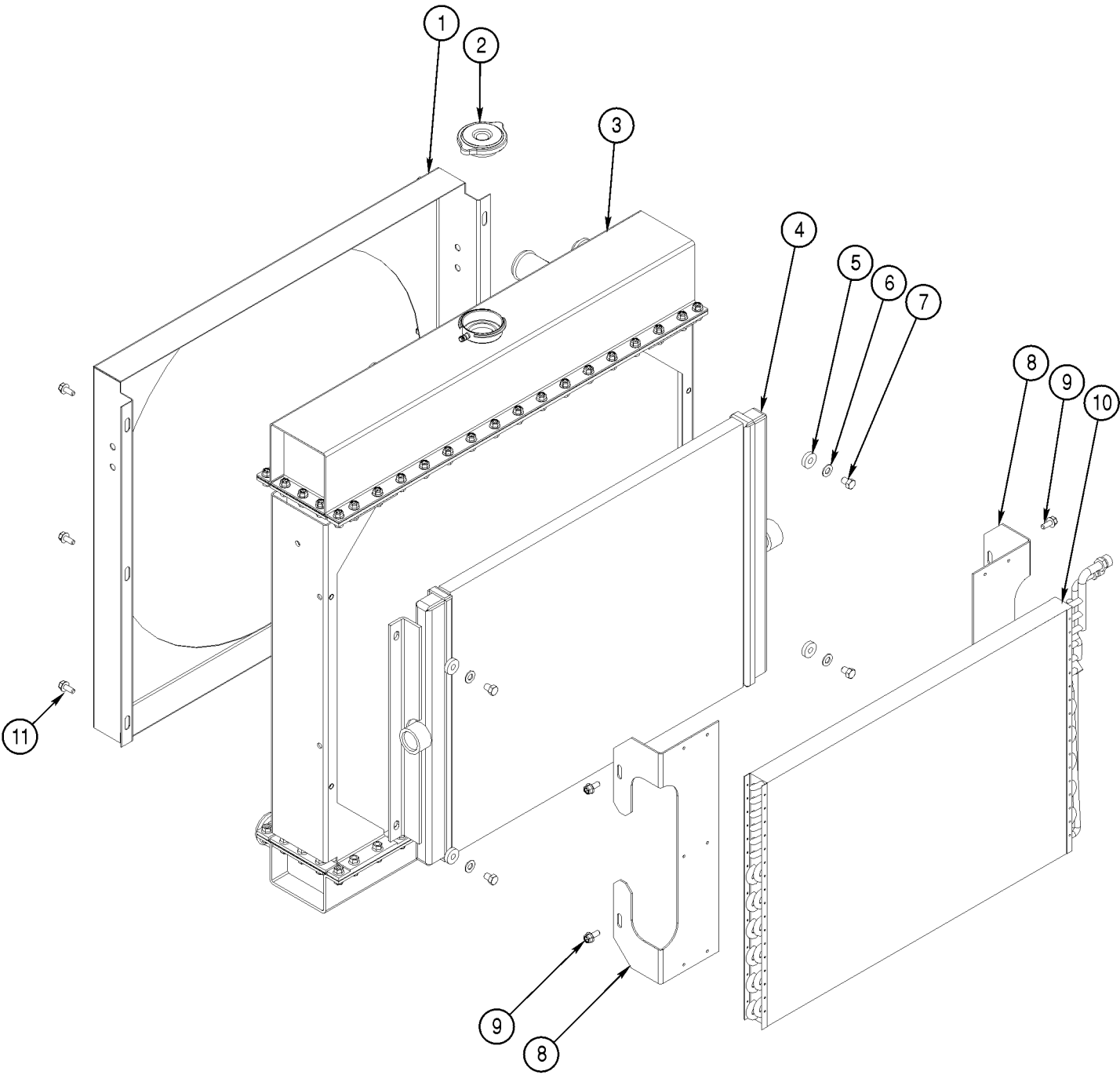


Item	Part Number	Qty	Description	Size	Comments
1	901000511	6	Mounting bolt	5/16-18 x .50	
2	201200085	1	Fan shroud		
3	201200092	1	Radiator cap		
4	201200077	1	Radiator/transmission cooler		Transmission cooler is part of the bottom tank
5	201200080	1	Cooler, charge air		
6	201200090	8	Rubber washer	5/16 X 1/4	
7	902003040	8	Mounting washer	5/16 flat	
8	901000511	4	Mounting bolt	5/16-18 x .50	
9	201200088	2	Support bracket		For a/c condenser
10	901000511	4	Mounting bolt	5/16-18 x .50	
11	201200087	1	A/C condenser		
12	201200083	1	Cooler, hydraulic		
	201200063	1	Complete cooling package		Includes everything on this page

Station 1 Cooling Package • AS850

COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850 • COOLING PACKAGE • AS850

AS850

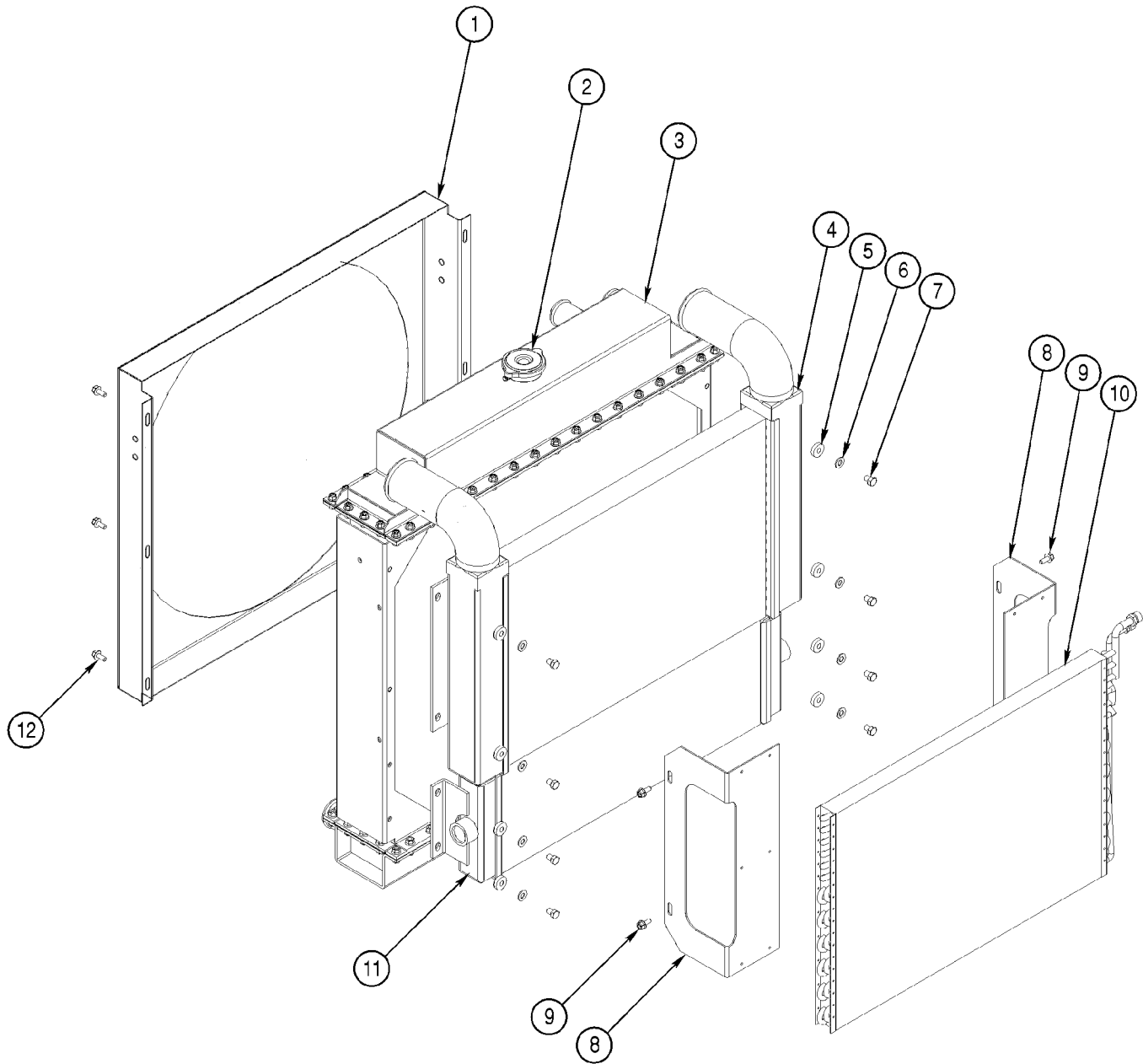


Item	Part Number	Qty	Description	Size	Comments
1	201200085	1	Fan shroud		
2	201200093	1	Radiator cap		
3	201200078	1	Radiator/transmission cooler		Transmission cooler is part of bottom tank
4	201200084	1	Hydraulic cooler		
5	201200090	4	Washer, rubber	3/8 x 1/4	
6	902003040	4	Washer, flat	5/16	
7	901000511	4	Mounting bolt	5/16-18 x .50	
8	201200089	1	Support bracket		For a/c condenser
9	901000511	4	Mounting bolt	5/16-18 x .50	
10	201200087	1	A/C condenser		
11	901000511	6	Mounting bolt	5/16-18 x .50	
	201200064	1	Complete cooling package		Includes everything on this page

Station 1 Cooling Package • AS1000 & AS1200

COOLING PACKAGE • AS1000 & AS1200 • COOLING PACKAGE • AS1000 & AS1200 • COOLING PACKAGE • AS1000 & AS1200 • COOLING PACKAGE • AS1000 & AS1200 • COOLING PACKAGE • AS1000 & AS1200 • COOLING PACKAGE • AS1000 & AS1200 • COOLING PACKAGE • AS1000 & AS1200

AS1000 & AS1200

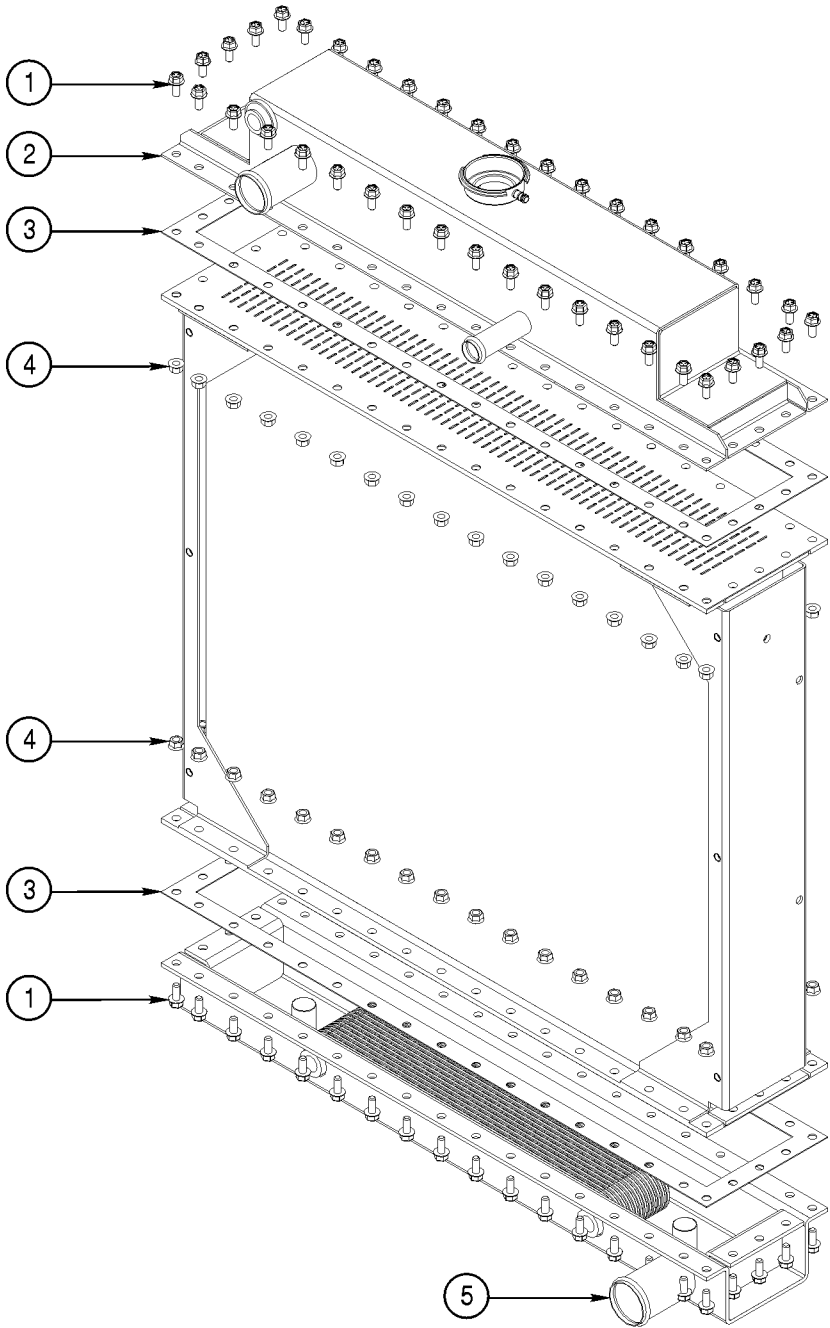


Item	Part Number	Qty	Description	Size	Comments
1	201200086	1	Fan shroud		
2	201200093	1	Radiator cap		
3	201200079	1	Radiator/transmission cooler		
4	201200082	1	Cooler, charge air		
5	201200090	8	Washer, rubber	5/16 X 1/4	
6	902003040	8	Washer, flat	5/16	
7	901000511	6	Mounting bolt	5/16-18 x .50	
8	201200088	2	Support bracket		
9	901000511	4	Mounting bolt	5/16-18 x .50	
10	201200087	1	A/C condenser		
11	201200083	1	Cooler, hydraulic		
12	901000511	8	Mounting bolt	5/16-18 x .50	
	201200065	1	Cooling package complete		Includes everything on this page

Station 1 Radiator • AS500

RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500 • RADIATOR • AS500

Radiator
AS500

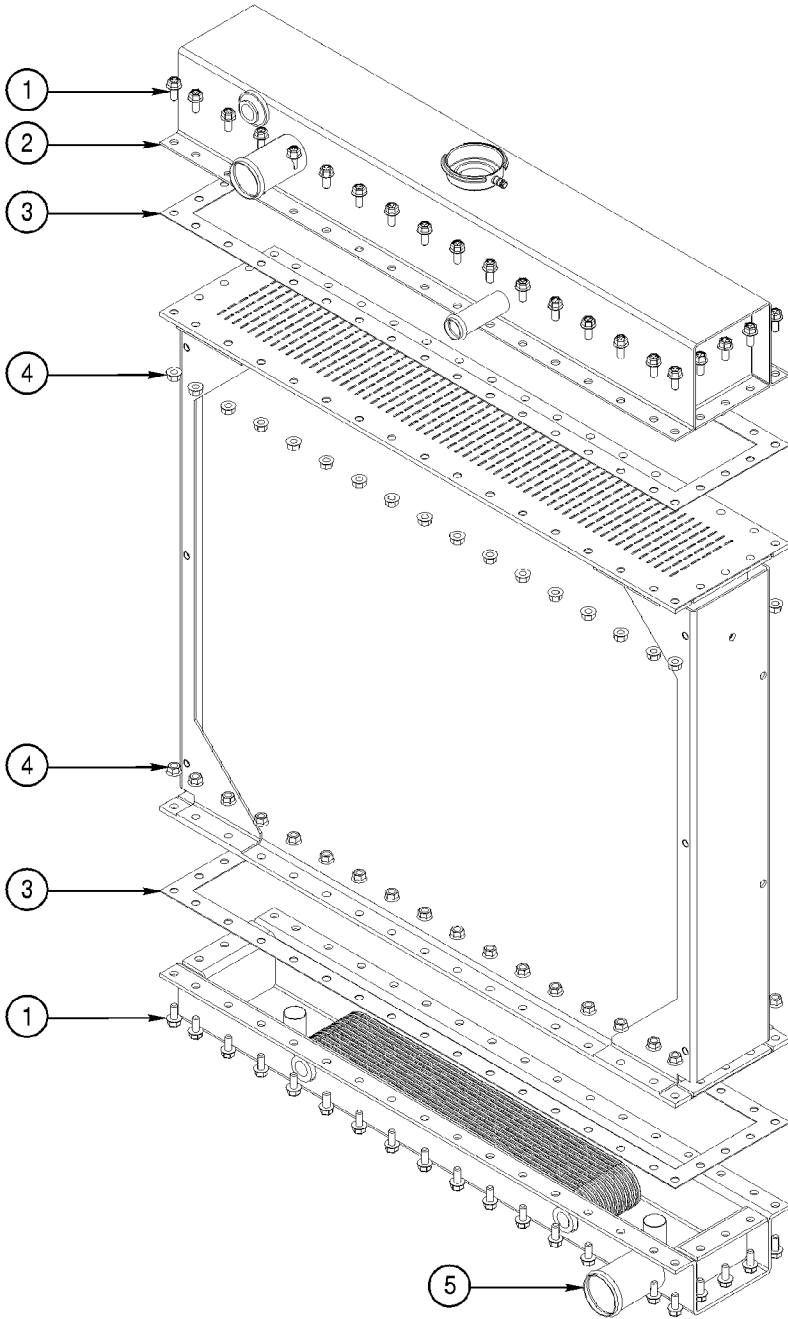


Item	Part Number	Qty	Description	Size	Comments
1	901000511	80	Mounting bolt, flanged	5/16-18 x .50	
2	201200132	1	Top tank		
3	201200091	2	Gasket		
4	901000512	80	Mounting nut, flanged	5/16-18	
5	201200133	1	Bottom tank		

Station 1 Radiator • AS850

RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850 • RADIATOR • AS850

AS850



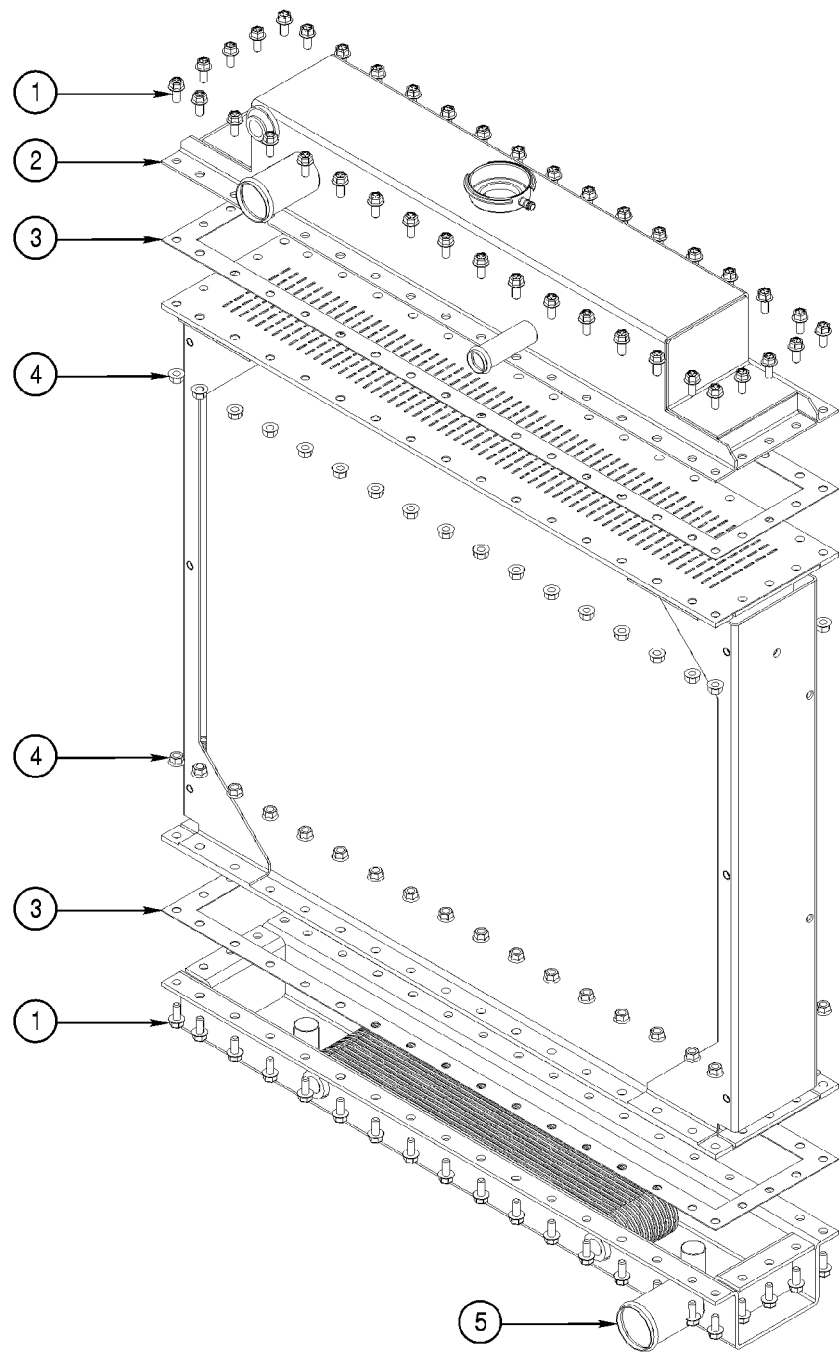
Item	Part Number	QTY	Description	Size	Comments
1	901000511	80	Mounting bolt, flanged	5/16-18 x .50	
2	201200132	1	Top tank		
3	201200091	2	Gasket		
4	901000512	80	Mounting nut, flanged	5/16-18	
5	201200133	1	Bottom tank		

Station 1

RADIATOR • AS1000 & AS1200

RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200 • RADIATOR • AS1000 & AS1200

AS1000 & AS1200

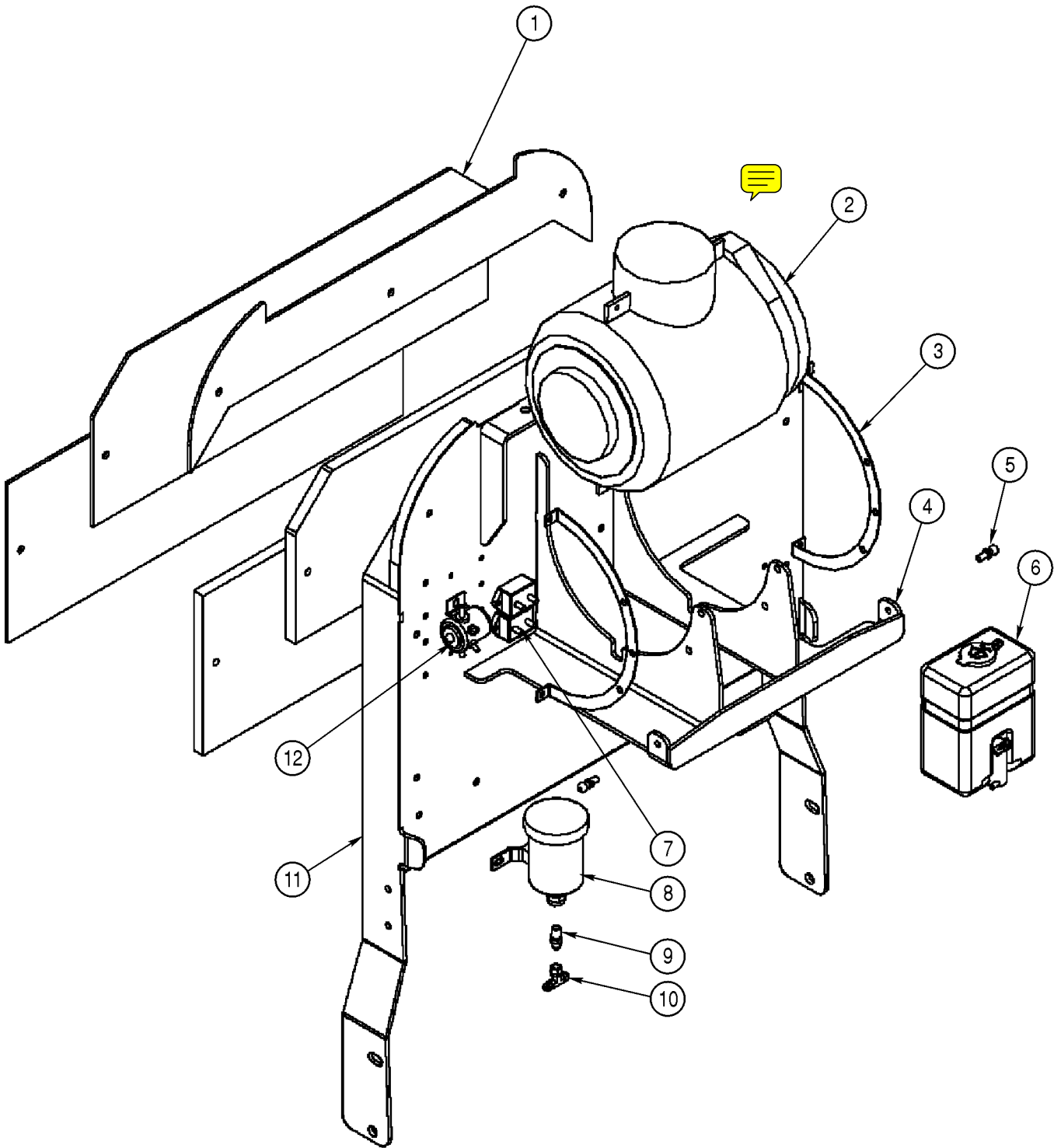


Item	Part Number	Qty	Description	Size	Comments
1	901000511	80	Mounting bolt, flanged	5/16-18 x .50	
2	201200134	1	Top tank		
3	201200135	2	Gasket		
4	901000512	80	Mounting nut, flanged	5/16-18	
5	201200136	1	Bottom tank		

Station 2 Firewall • AS500 & AS850

FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850 • FIREWALL • AS500 & AS850

Station 2
Firewall
AS500 & AS850

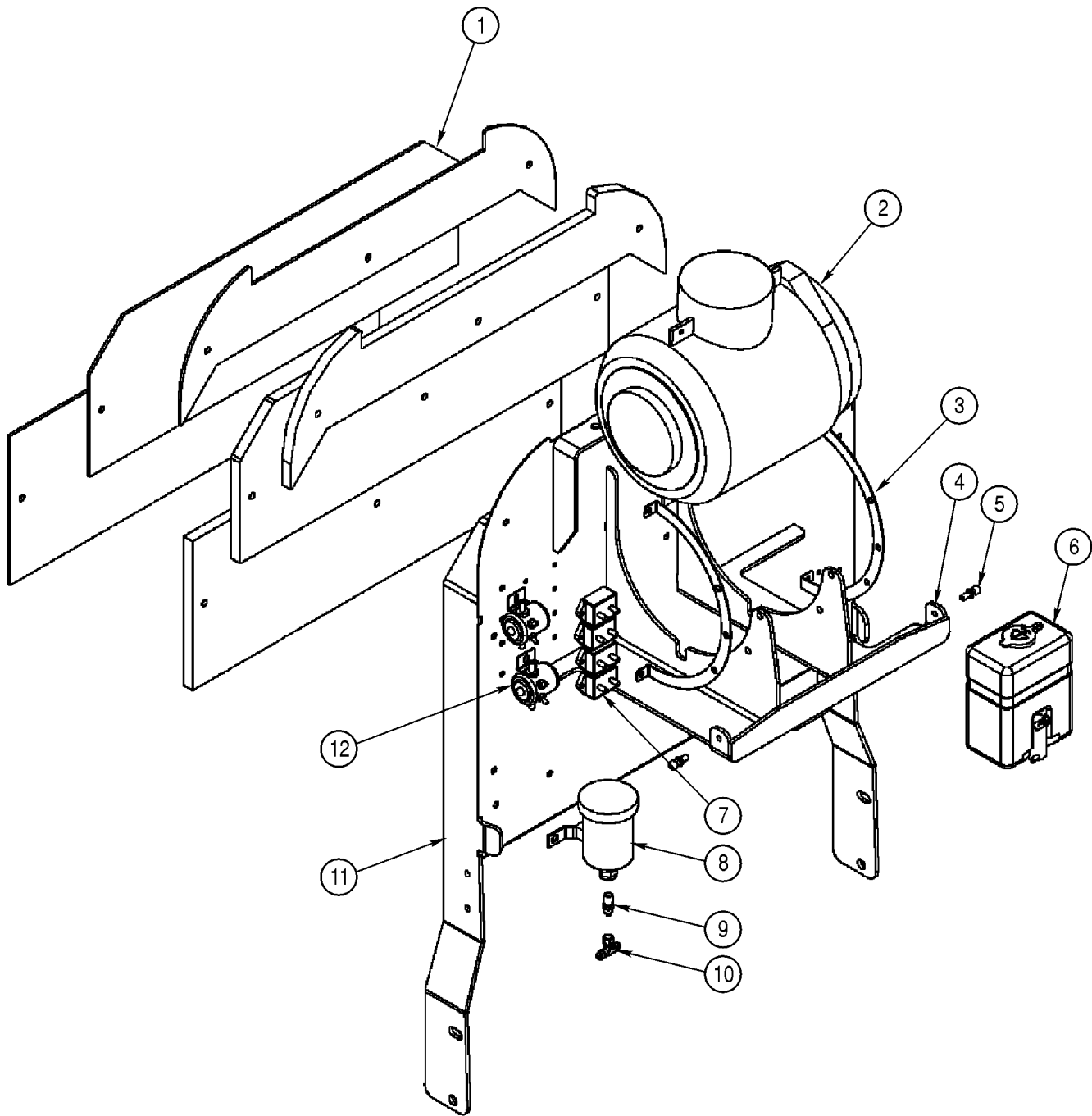


Item	Part Number	Qty	Description	Size	Comments
1	100100403	1	Foam kit		Includes all foam & rubber pieces
2	201300056	1	Air cleaner assembly w/filters		201300078 primary & 201300079 secondary
3	201300075	2	Brackets for air cleaner		
4	N/A		Included w/ #13		
5	490000115	2	Male studs for hood shocks		
6	400000456	1	Windshield wash bottle		
7	700100250	2	Circuit breakers		120 amp self resetting
8	301302000	1	Brake reservoir		Lid not sold separately
9	800302487	1	Fitting		
10	800302176	1	Fitting		
11	100100401	1	Firewall		
12	700100125	1	Solenoids		
	420001400	2	Weather stripping		Not shown, need 2 feet
	700060750	1	Wiring kit cold start		Wires on breakers and solenoids not shown

Station 2 Firewall • AS1000 & AS1200

FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200 • FIREWALL • AS1000 & AS1200

AS1000 & AS1200

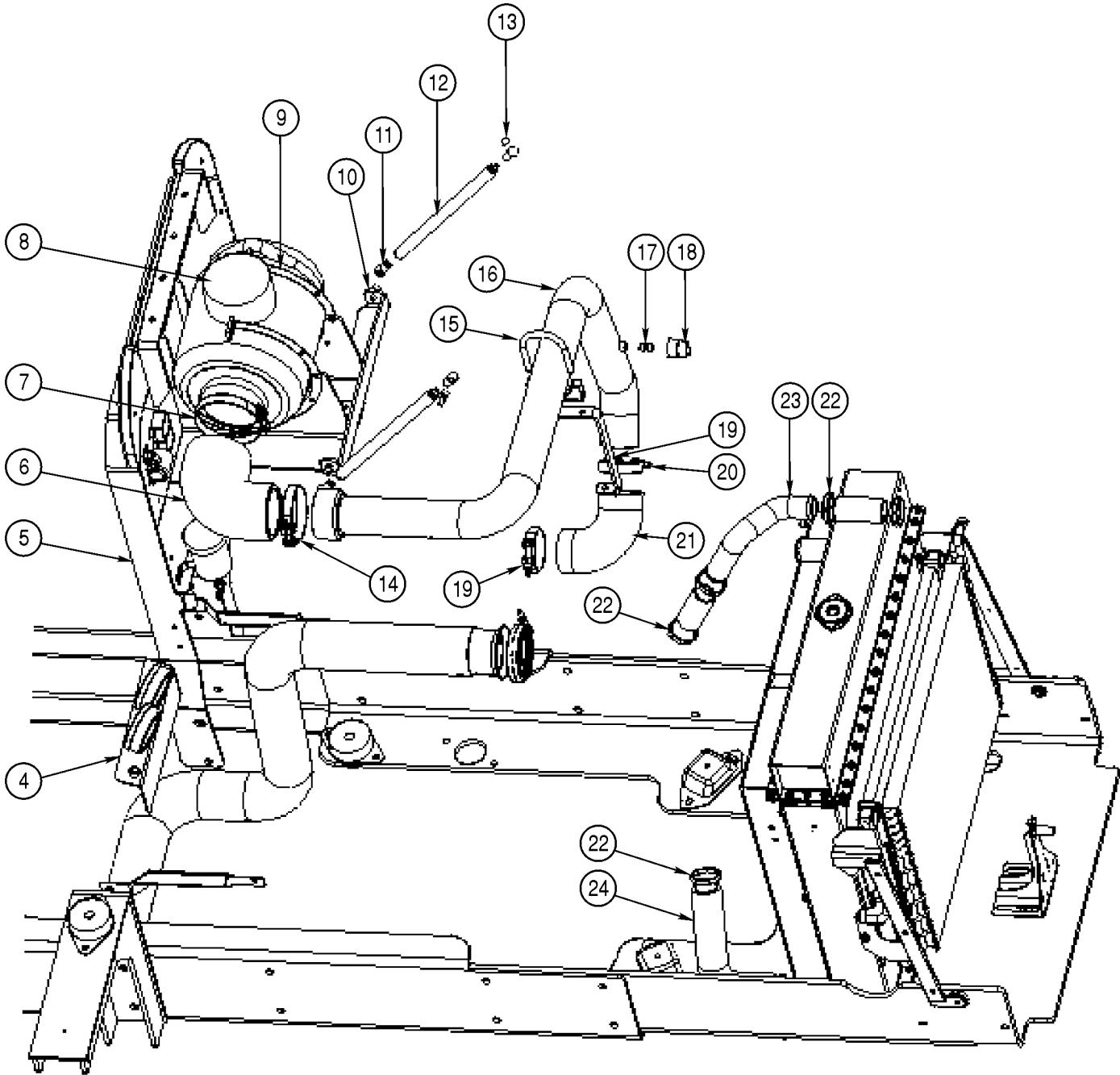


Item	Part Number	Qty	Description	Size	Comments
1	100100403	1	Foam kit		Includes all foam & rubber pieces
2	201300056	1	Air cleaner assembly w/filters		201300078 primary & 201300079 secondary
3	201300075	2	Brackets for air cleaner		
4	N/A		Included w/ # 13		
5	490000115	2	Male studs for hood shocks		
6	400000456	1	Windshield wash bottle		
7	700100250	4	Circuit breakers		120 amp self resetting
8	301302000	1	Brake reservoir		Lid not sold separately
9	800302487	1	Fitting		
10	800302176	1	Fitting		
11	100100401	1	Firewall		
12	700100125	2	Solenoids		
	420001400	2	Weather stripping		Not shown, need 2 feet
	700060750	1	Wiring kit cold start		Wires on breakers and solenoids not shown
	700000413	1	Grid heater harness		Not shown

Station 2 Engine Intake & Exhaust • AS500 & AS850

ENGINE INTAKE & EXHAUST • AS500 & AS850 • ENGINE INTAKE & EXHAUST • AS500 & AS850 • ENGINE INTAKE & EXHAUST • AS500 & AS850 • ENGINE INTAKE & EXHAUST • AS500 & AS850 • ENGINE INTAKE & EXHAUST • AS500 & AS850 • ENGINE INTAKE & EXHAUST • AS500 & AS850

Engine Intake & Exhaust
AS500 & AS850

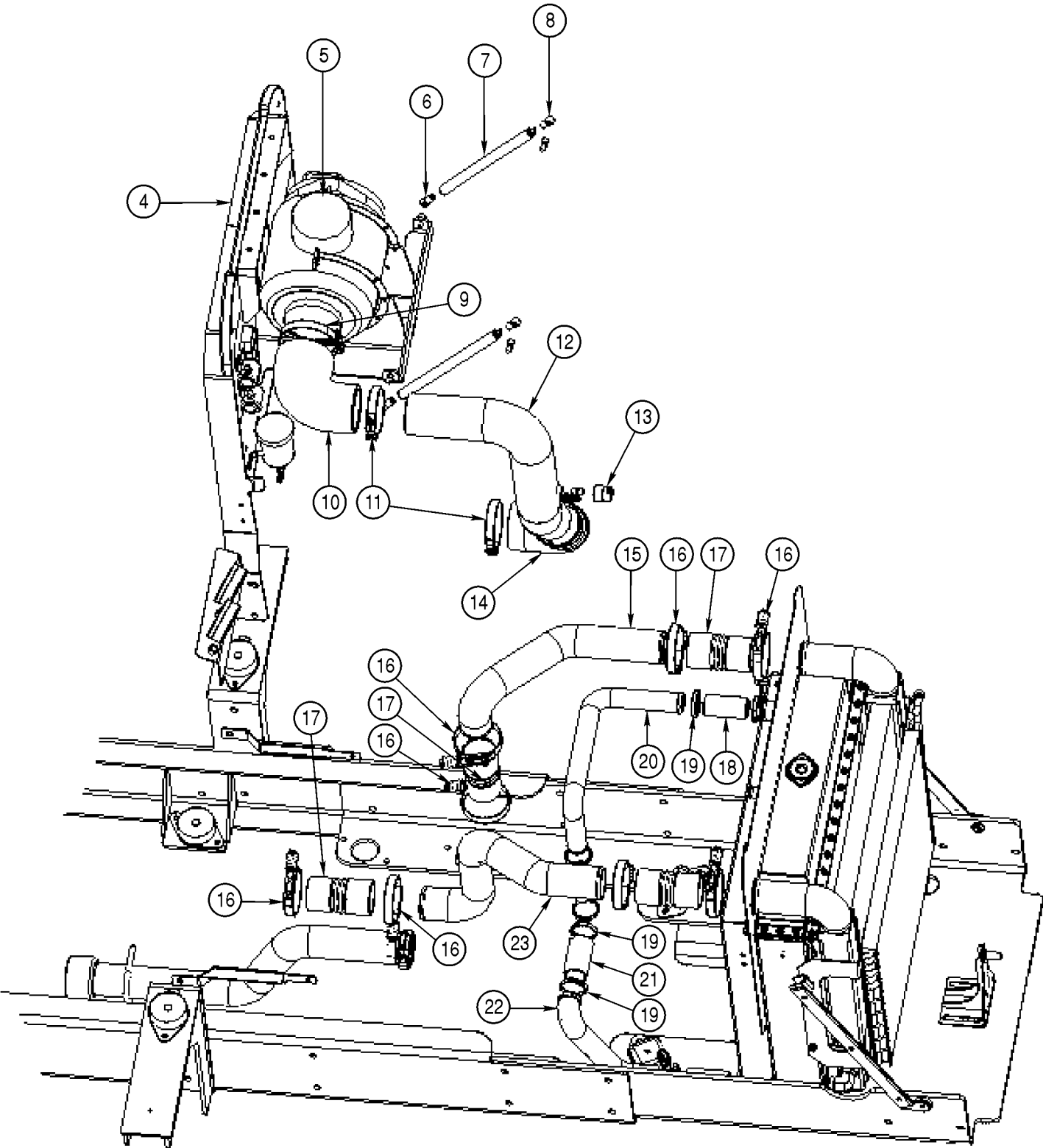


Item	Part Number	Qty	Description	Size	Comments
4	100100402	2	Brace firewall		
5	100100401	1	Firewall		
6	201300071	1	Elbow		
7	201300002	1	Clamp		
8	201300056	1	Air cleaner assembly		Primary filter 201300078, secondary 201300079
9	201300075	2	Bracket air cleaner		
10	490000115	4	Ball stud		
11	490000114	4	Ball socket		
12	490000113	2	Hood shock (Includes ends)		Gas spring 175 lbs 12.8 stroke
13	490000116	4	Clip		
14	201300001	1	Band clamp		
15	290000700	1	Clamp		
16A	201200032	1	Intake pipe 3"		AS500
16B	201200039		Intake pipe 4"		AS850
17	N/A		Air restriction indicator adapter		1/8 npt
18	201300095	1	Intake air restriction indicator		
19A	200100006	1	Bracket intake pipe 3"		AS500
19B	200100007	1	Bracket intake pipe 4"		AS850
20	201300000	2	Clamp		
21A	201300061	1	3" Elbow		AS500
21B	201300096	1	4" Elbow		AS850
22	201199099	4	Clamp		
23	201200029	1	Radiator hose, upper		
24	520400103	1	Radiator tube, lower		

Station 2 Engine Intake & Exhaust • AS1000 & AS1200

ENGINE INTAKE & EXHAUST • AS1000 & AS1200 • ENGINE INTAKE & EXHAUST • AS1000 & AS1200 • ENGINE INTAKE & EXHAUST • AS1000 & AS1200 • ENGINE INTAKE & EXHAUST • AS1000 & AS1200 • ENGINE INTAKE & EXHAUST • AS1000 & AS1200

AS1000 & AS1200

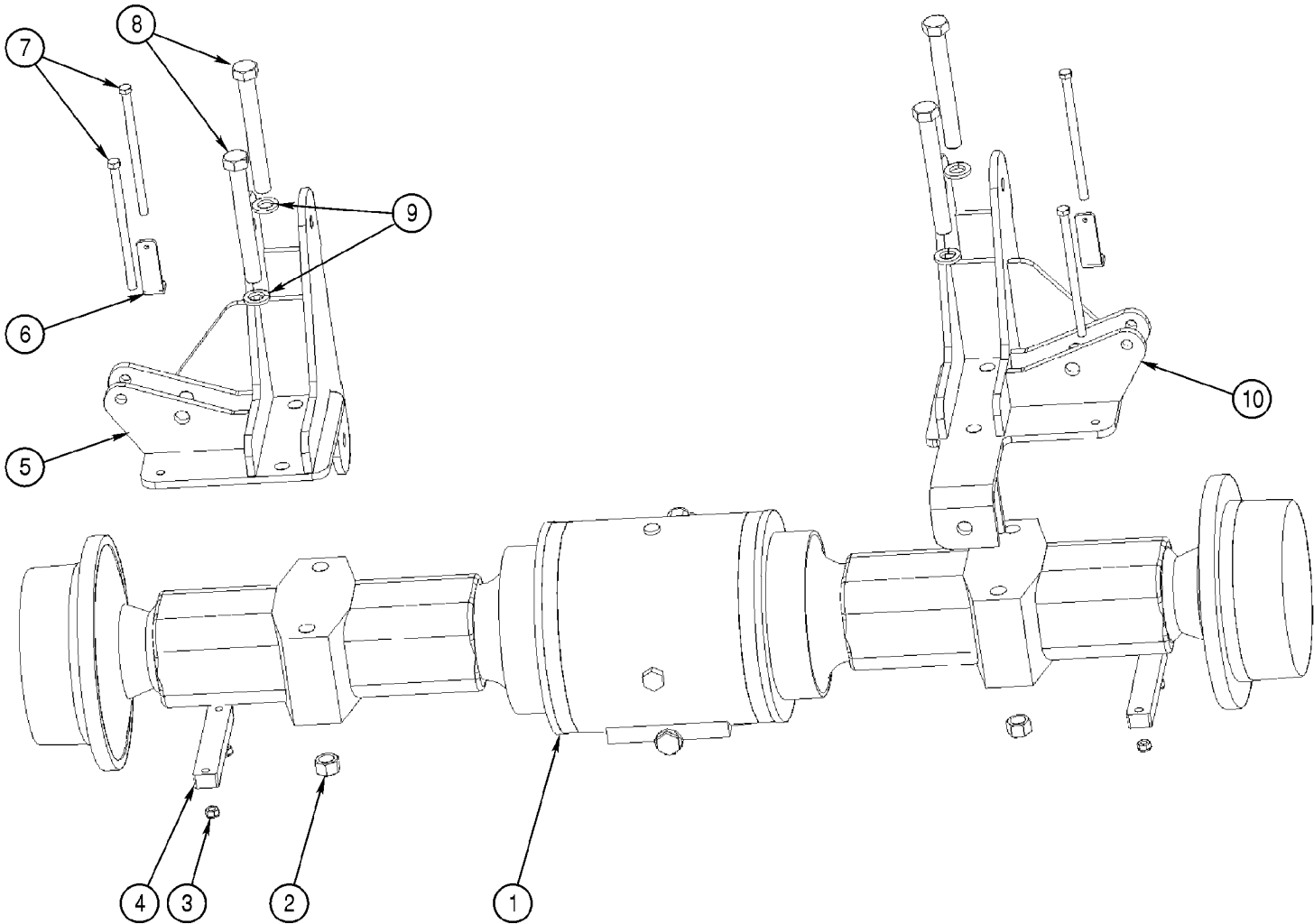


Item	Part Number	Qty	Description	Size	Comments
4	100100401	1	Firewall		
5	201300056	1	Air cleaner assembly		Primary filter 201300078, secondary 201300079
6	490000114	4	Ball socket		
7	490000113	2	Hood shock (Includes ends)		
8	490000116	4	Clip		
9	201300002	1	Clamp		
10	201300071	1	Elbow		
11	201300001	2	Clamp		
12	201200030	1	Intake tube		
13	201300095	1	Air restriction indicator adapter		
14	201300060	1	4" elbow		
15	201200026	1	Tube, Charge air inlet		
16	201200008	8	Clamp		
17	201200007	4	Coupler nomex 3" X 6		
18	520400104	8	Hose coupling 1 3/4		
19	201199099	6	Clamp		
20	201200028	1	Upper radiator tube		
21	520400105	8	Hose coupling 2"		
22	201200026	1	Radiator tube, lower		
23	201200027	1	Tube, charge air outlet		

Station 2 Rear Axle • AS500

REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500 • REAR AXLE • AS500

Rear Axle
AS500



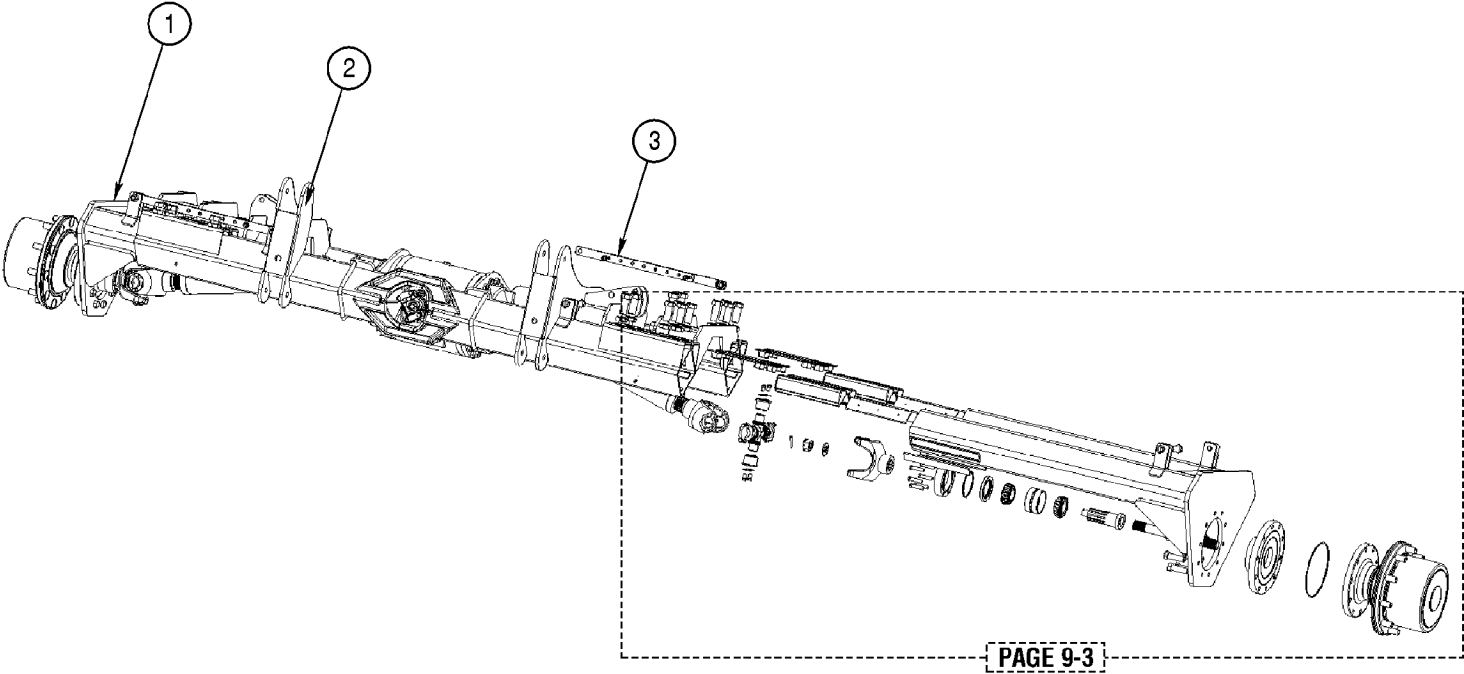
Item	Part Number	Qty	Description	Size	Comments
1	350000100	1	Rear axle assembly		Breather # 301200060
2	901003040	4	Nut		1/2"-13 nylock
3	901000595	4	Nut		1"-14
4	100108022	2			
5	100108010	1	Bracket, suspension		
6	100108060	2	Bracket, suspension leveling		
7	900007037	4	Bolt		1/2"-13 X 9
8	900007036	4	Bolt		1"-14 X 8 1/2
9	902003090	4	Lock washer		1"-14
10	100108000	1	Bracket, suspension		

Station 2

Rear Axle • AS850 & AS1000

REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000

AS850 & AS1000 (34" & 42" Crop Clearance)



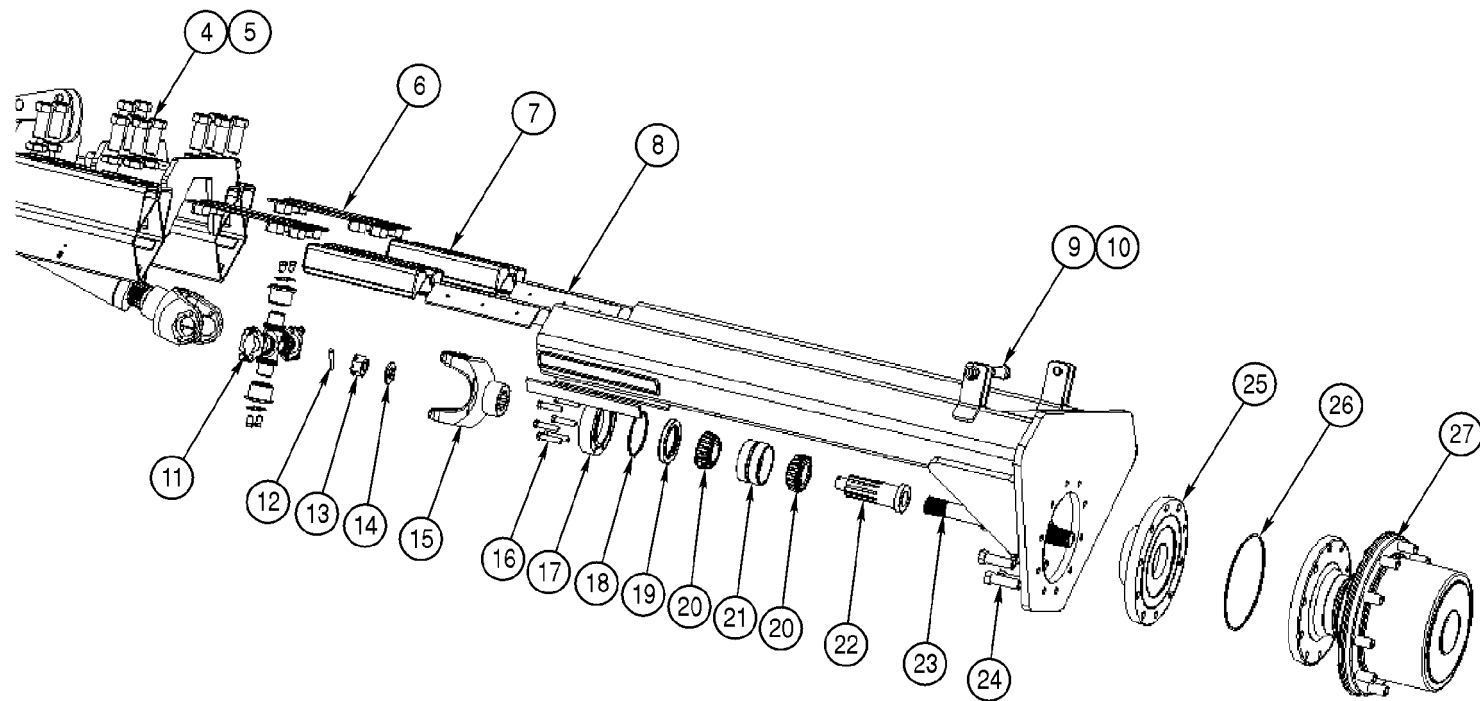
Item	Part Number	Qty	Description	Size	Comments
1	100105161	2	Rear axle male sliders		34"CC 120"-144" wheel spacing
1A	100105162	2	Rear axle male sliders		42"CC 120"-144" wheel spacing
2	100105160	1	Rear axle center female		120"-144" wheel spacing
2A	100105165	1	Rear axle center female		88"-114" wheel spacing
3	100000314	4	Locking bar rear		120"-144" wheel spacing
3A	100000315	4	Locking bar rear		88"-114" wheel spacing

Station 2

Rear Axle • AS850 & AS1000

REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000 • REAR AXLE • AS850 & AS1000

Rear Axle Detail 1



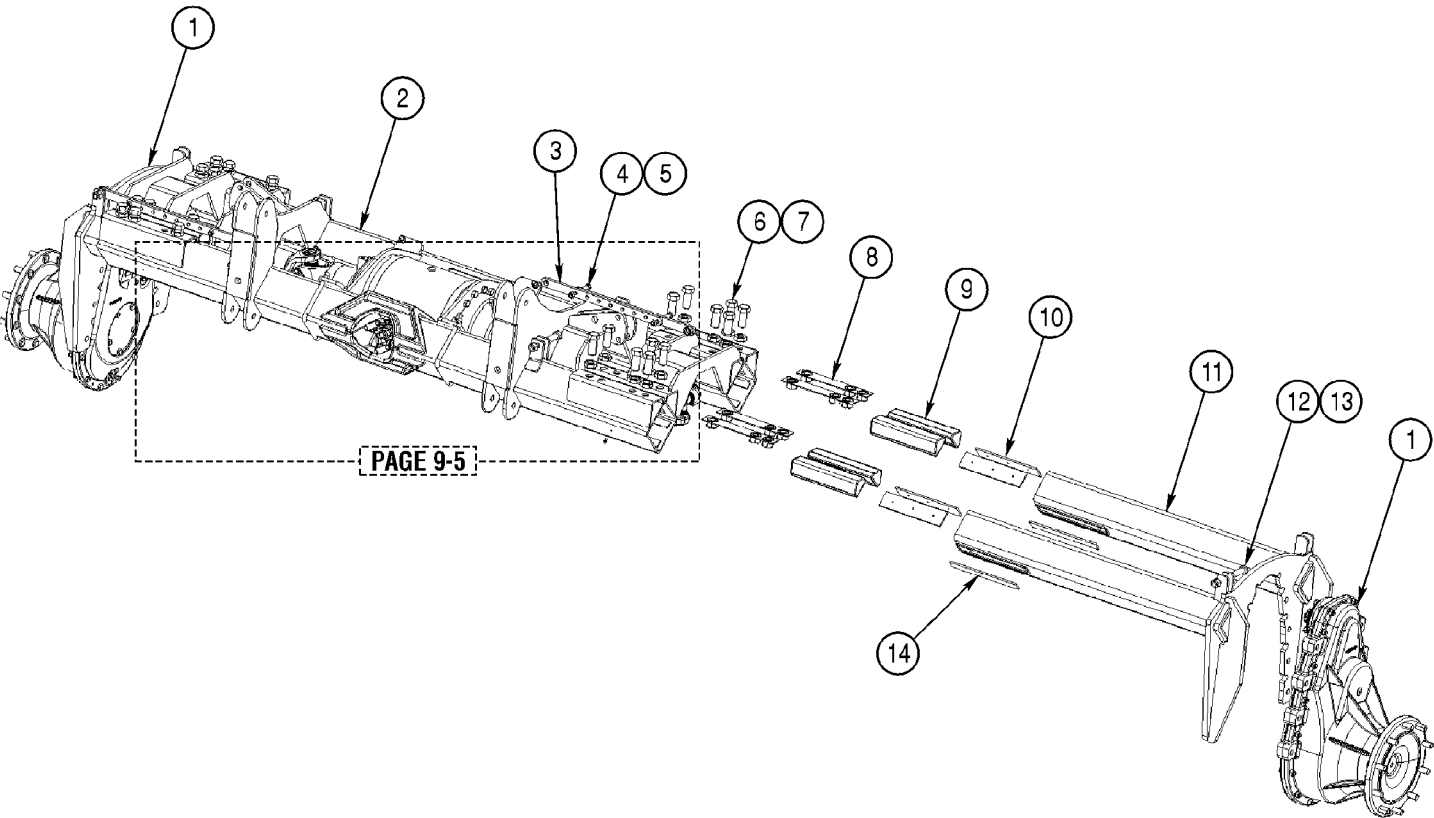
Item	Part Number	Qty	Description	Size	Comments
4	900007045	12	Axle bolt		1"-8 X 2 1/2"
5	901002095	12	Jam nut		1"-8
6	100105133	4	Clamp bar		120"-144" wheel spacing
6A	100105173	4	Clamp bar		88"-114" wheel spacing
7	100105134	4	Wedge blocks		Manual wheel adjust
7A	100105144	4	Wedge blocks		Automatic wheel adjust
8	100200009	4	Wedge wear pad		
9	900006640	4	Bolt		3/4"-16 X 3"
10	901003075	4	Nut		3/4"-16 nylock
11	350000600	4	U-joint		
12	100106021	2	Cotter pin		5/32" X 2"
13	901000800	2	Castle nut		1"-14
14	100106026	2	Flat washer		1" grade 8"
15	350000700	2	Yoke		
16	900005565	8	Bolt		3/8"-24 X 2"
17	351000700	2	Cap		
18	351000704	2	O-ring		
19	351000703	2	Seal		
20	351000701	4	Bearing cone		
21	351000702	2	Bearing cup		
22	351000800	2	Internal/external shaft		
23	351000400	2	Drive shaft		
24	900002358	10	Bolt		M16 X 2.0 X 70
25	351000900	2	Planetary back plate		Not included w/ #28
26	351000706	2	O-ring		Not included w/ #28
27	351000151	2	Planetary hub assembly		For 34" & 42" CC AS850 & AS1000"



Station 2 **Rear Axle • AS850, AS1000 & AS1200**

REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200

AS850, AS1000 & AS1200 (48" Crop Clearance)



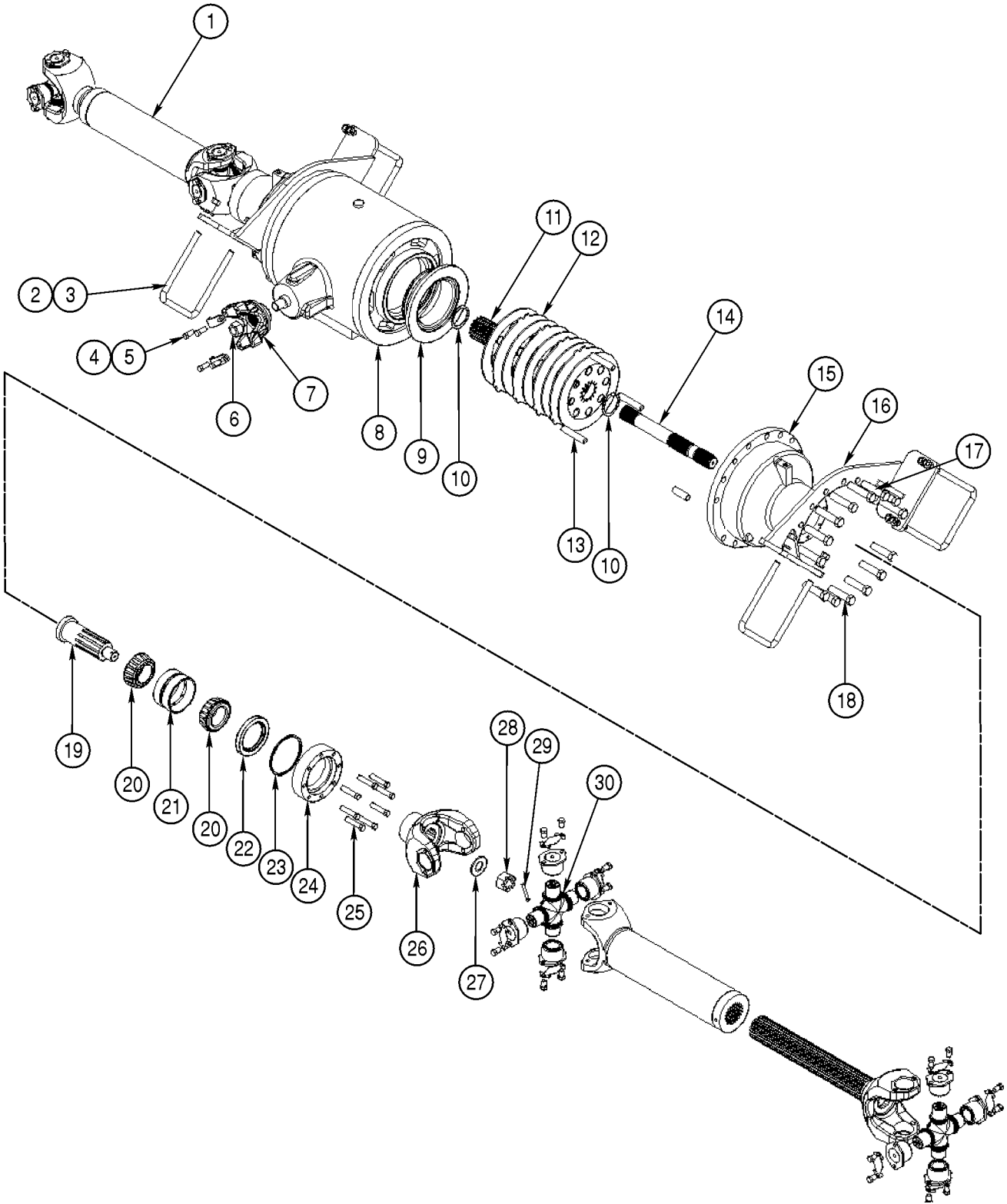
Item	Part Number	Qty	Description	Size	Comments
1	350000170	2	Drop box assembly		For AS850 & AS1000 48"CC stud # 350000186
1A	350000171	2	Drop box assembly		For AS1200 only stud # 350000185
2	100105160	1	Rear axle weldment center		For 120"-144" axles
2A	100105165	1	Rear axle weldment center		For 88"-114" axles
3	100000314	4	Locking bar rear		For 120"-144" axles
3A	100000315	4	Locking bar rear		For 88"-114" axles
4	900003270	4	Bolt		1/2"-13 X 2"
5	901003040	4	Nut		1/2"-13 nylock
6	900007045	12	Axle bolt		1"-8 X 2 1/2"
7	901002095	12	Jam nut		1"-8"
8	100105133	4	Clamp bar		
9	100105134	4	Clamp wedge		For manual adjust axles
9A	100105144	4	Clamp wedge		For automatic axle adjust
10	100200009	8	Wear pad wedges		
11	100105163	2	Rear axle male slider		For 48"CC 120-144" axles
11A	100105168	2	Rear axle male slider		For 48"CC 88"-114" axles
12	900006640	4	Bolt locking bar to axle		3/4"-16 X 3"
13	901003075	4	Nut locking bar to axle		3/4"-16 nylock
14	100200013	8	Axle wear pad		

Station 2

Rear Axle • AS850, AS1000 & AS1200

REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200 · REAR AXLE • AS850, AS1000 & AS1200

Rear Axle Detail 1



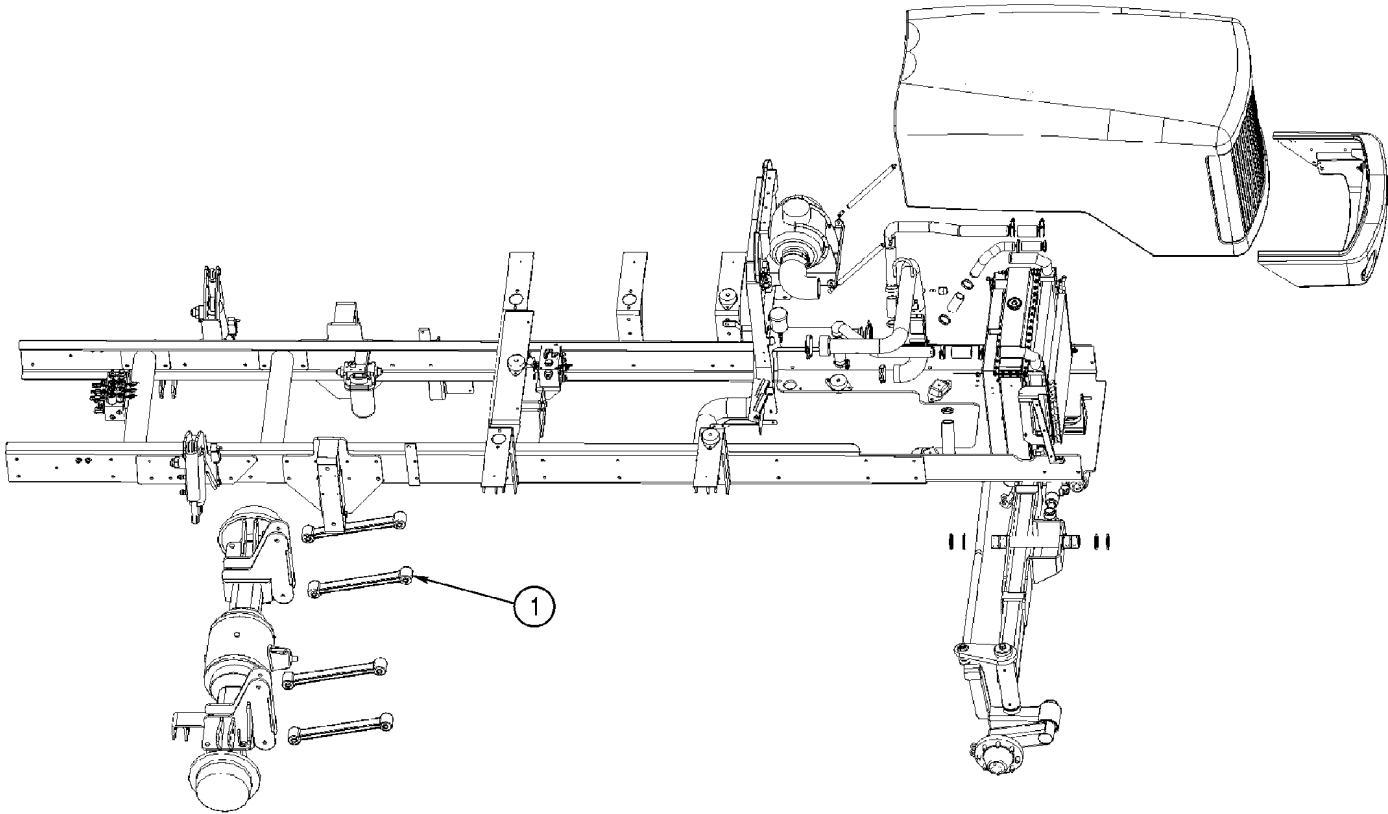
Item	Part Number	Qty	Description	Size	Comments
1A	351001005	2	Drive shaft diff to wheel (complete)		48"CC on 88" wheel spacing
1B	351001011	2	Drive shaft diff to wheel (complete)		48"CC on 90" wheel spacing
1C	351001012	2	Drive shaft diff to wheel (complete)		48"CC on 105"-114" wheel spacing
1D	351001000	2	Drive shaft diff to wheel (male)		34" or 42"CC on 120"-144" wheel spacing
1E	100105031	2	Drive shaft diff to wheel (female)		34" or 42"CC on 120"-144" wheel spacing
1F	351001007	2	Drive shaft diff to wheel (male)		48"CC on 120"-144" wheel spacing
1G	351001008	2	Drive shaft diff to wheel (female)		48"CC on 120"-144" wheel spacing
2	915002562	4	Axle u-bolt		1/2"-13 X 8"
3	901003040	4	Nut		1/2"-13 nylock
4	301100300	1	U-joint		
5	N/A		Included w/ # 4		
6A	301200215	1	Pinion nut & washer		
6B	301200200	1	Pinion seal		Not shown
7	301200205	1	Pinion yoke		
8	350000152	1	Rear center diff high speed		For AS1000 & AS1200
8A	350000153	1	Rear center diff low speed		For AS850
9	301200310	2	Brake piston		Seals for piston 301200250(large) 301200251 (small)
10	301200345	2	External clip		Included with brake kit as well
11	301200340	2	Brake coupling plate		Included with brake kit as well
12A	350000155	2	Brake kit		
12B	301200330	4	Brake plate steel		One on each side of brake kit. Sold separately
13	301200180	6	Dowel pin		
14	351000401	2	Axle shaft		
15	351000601	2	Brake housing		
16	100105120	2	Diff support		
17	900002359	8	Bolt top		M16 X 2.0 X 80
18	900002358	6	Bolt bottom		M16 X 2.0 X 70
19	351000800	2	Internal/external shaft		
20	351000701	4	Bearing cone		
21	351000702	2	Bearing cup		
22	351000703	2	Seal		
23	351000704	2	O-ring		
24	351000700	2	Caps		
25	900005565	8	Bolt		3/8"-24 X 2"
26	350000700	2	Yoke		
27	100106026	2	Flat washer		1"grade 8
28	901000800	2	Castle nut		1"-14"
29	100106021	2	Cotter pin		5/32"X 2"
30	350000600	4	U-joint		

Station 2

Rear Axle • AS500, AS850, AS1000 & AS1200

REAR AXLE • AS500, AS850, AS1000 & AS1200 · REAR AXLE · AS500, AS850, AS1000 & AS1200 · REAR AXLE · AS500, AS850, AS1000 & AS1200 · REAR AXLE · AS500, AS850, AS1000 & AS1200 · REAR AXLE · AS500, AS850, AS1000 & AS1200 · REAR AXLE · AS500, AS850, AS1000 & AS1200

AS500, AS850, AS1000 & AS1200



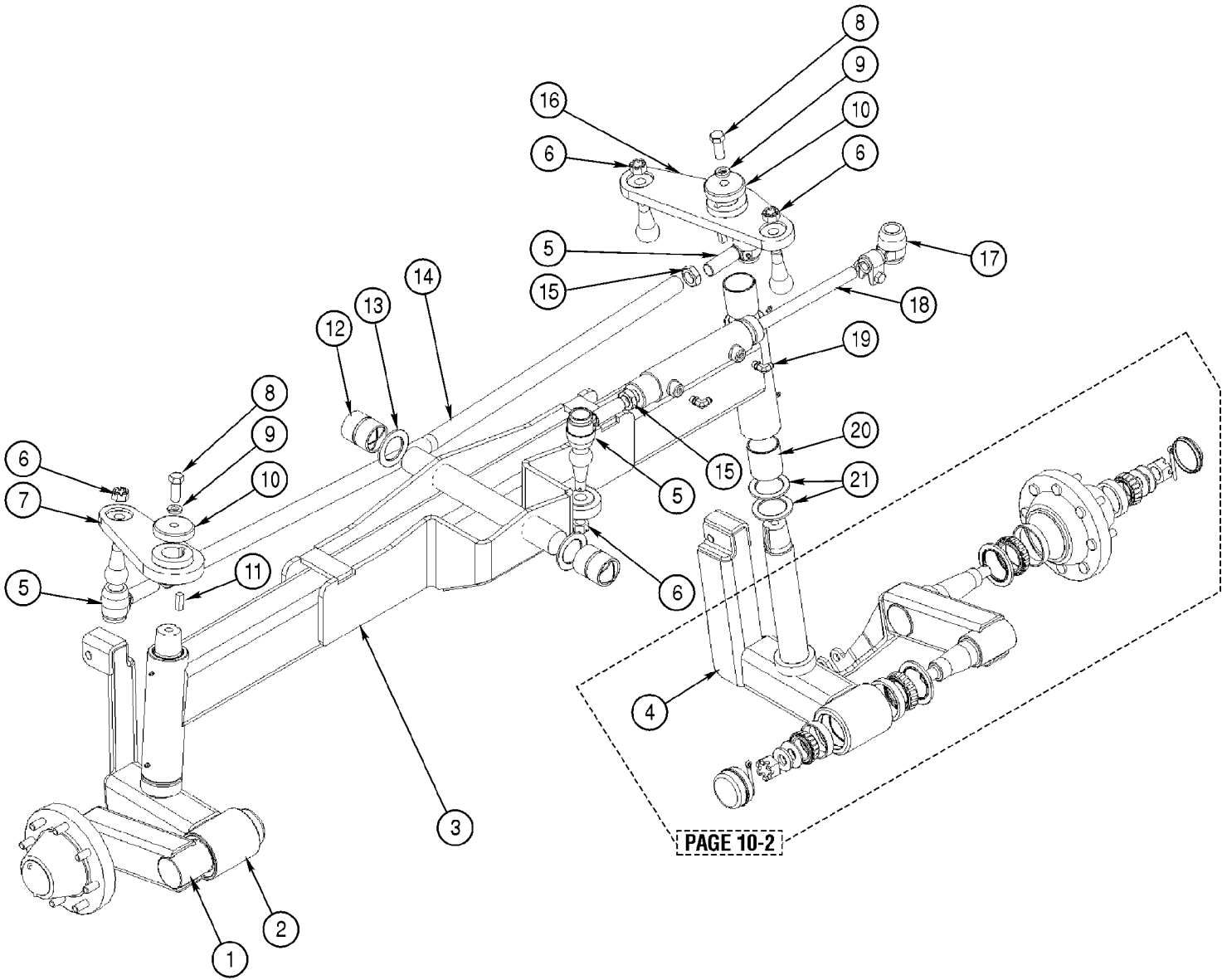
Item	Part Number	Qty	Description	Size	Comments
1	352000000	4	Torque arm		
	900006895	8	Bolt, G5 7/8-14 x 5-1/2		Not shown
	901003085	8	Nut, Nylock 7/8-14 ZP		Not shown

Station 2

Front Axle • AS500

FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500

Front Axle
AS500



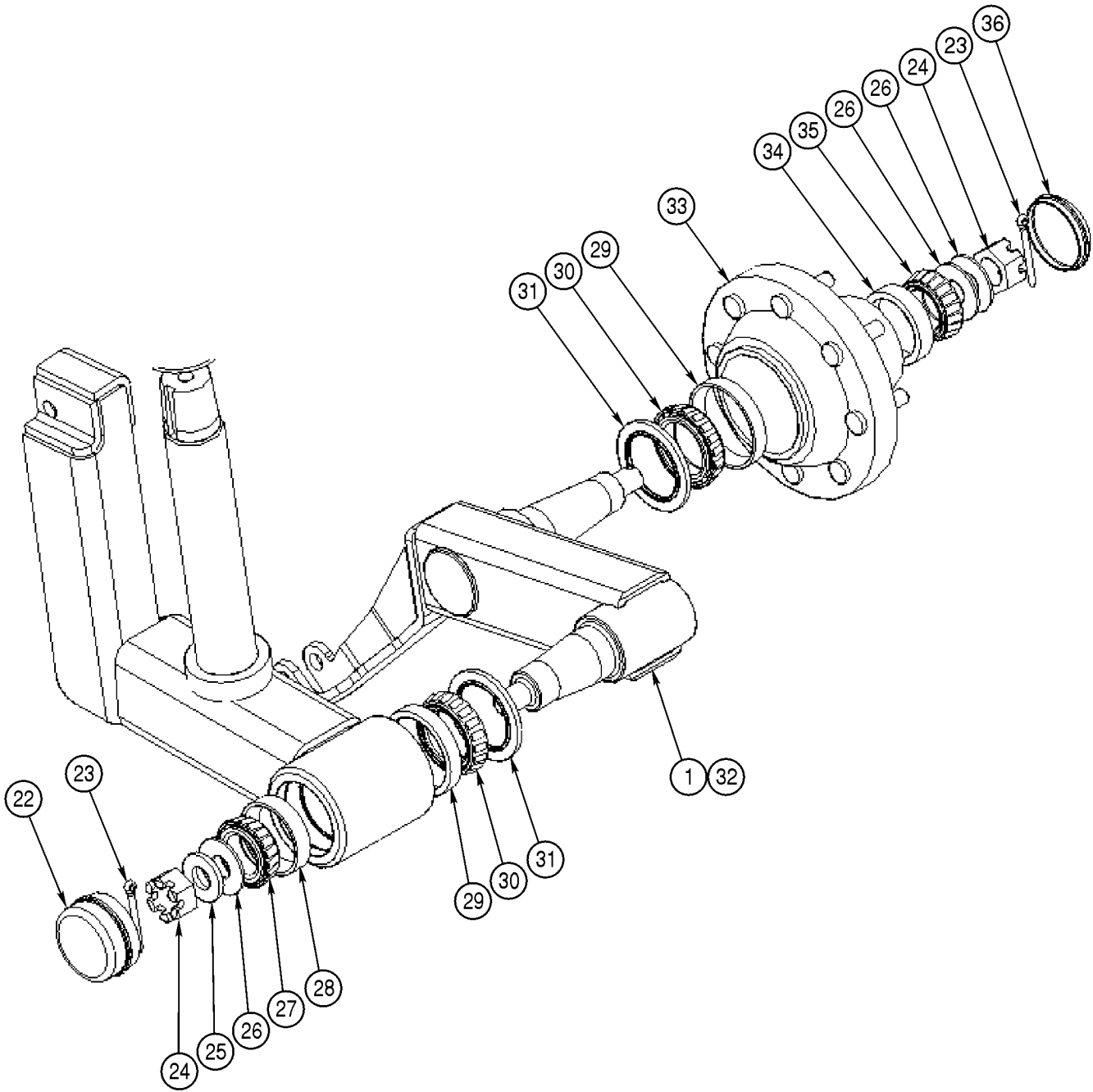
Item	Part Number	Qty	Description	Size	Comments
1	100106040	1	Right front outer flex		
2	100106205	1	Right king pin		
3	100105143	1	Front center axle		
4	100106206	1	Left king pin		
5A	100800815	1	Tie rod end left hand thread		
5B	100800810	2	Tie rod end male		
6	100106023	2	Castle nut		1"-14 slotted
7	100200123	1	Right steering arm		
8	900011865	2	Bolt, 3/4"-16 X 2" fine thread grade 8		
9	902351000	2	3/4" lock washer		
10	100000400	2	Steering arm cap		
11	925000200	2	Keyway		1/2" X 1/2" X 1 1/2"
12	100100286	2	Brass bushing		
13	100105106	2	Bronze washer		Shim may be required - 100105102 1/8" or 100105103 1/16"
14	100100851	1	Tie rod		
15	N/A		Adjusting nut		
16	100200124	1	Left steering arm		
17	100800800	1	Tie rod end, female		
18	850000050	1	Steering cylinder		New cylinder # 850000130 replaces # 850000050. Seal kit for # 850000050 is # 850000001.
19	800404215	2	Elbow, o-ring to JIC		
20	100100287	4	Bushing		
21	100105105	4	Bronze washer		

Station 2

Front Axle • AS500

FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500 • FRONT AXLE • AS500

Front Axle Detail 1

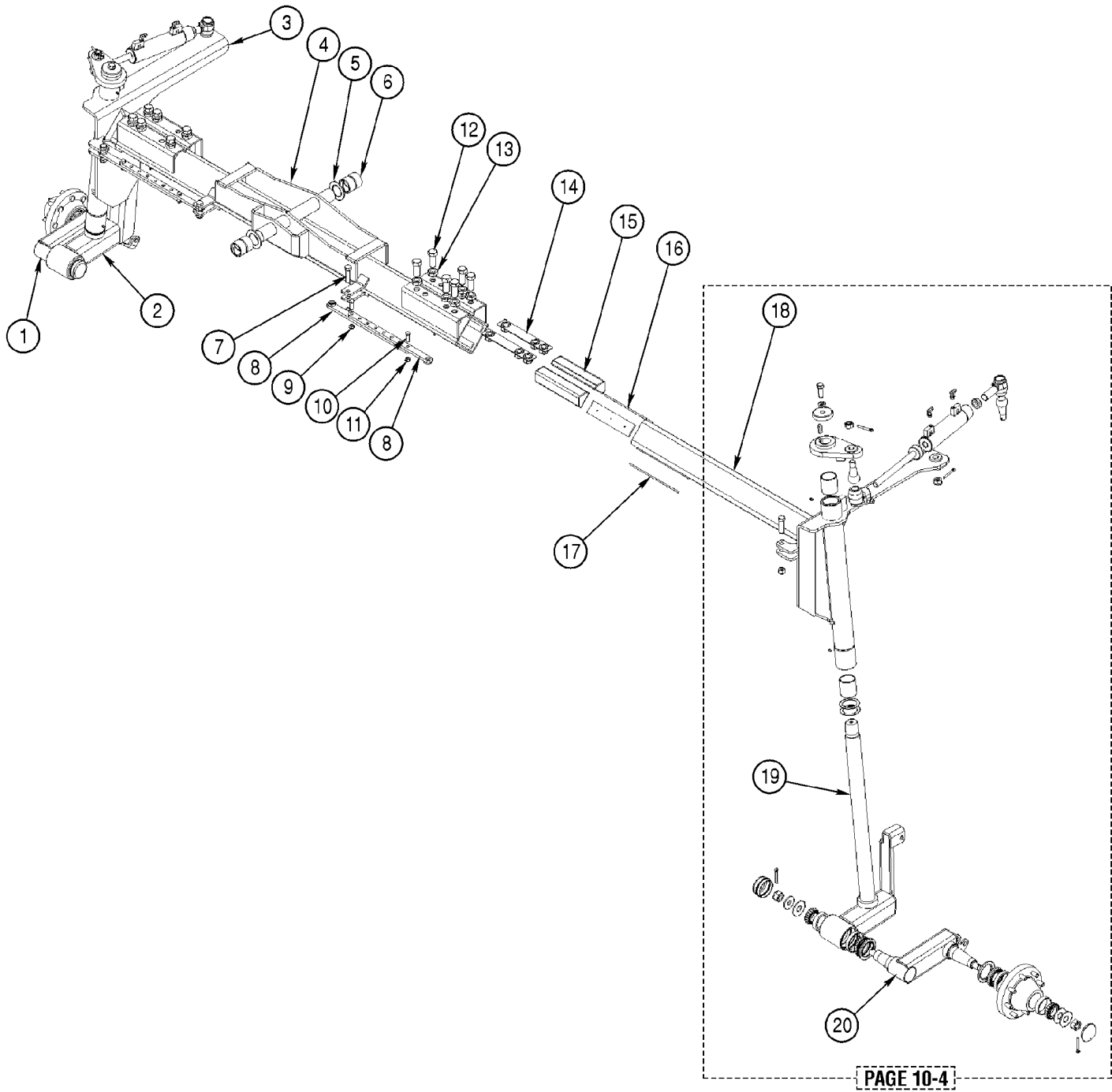


Item	Part Number	Qty	Description	Size	Comments
1	100106020	1	LH outer suspension flex		
22	100106060	2	Hub cap		
23	100106021	4	Cotter pin		5/32" x 2"
24	100106023	4	Castle nut		1"-14"
25	100106026	6	1" grade 8 flat washer		
26	100106017	2	Flat washer		
27	100106082	2	Bearing cone		
28	100106081	2	Bearing cup		
29	100106070	4	Bearing cup		
30	100106080	4	Bearing cone		
31	100106090	4	Bearing oil seal		
32	100106040	1	RH outer suspension flex		
33	100107010	2	Wheel hub assembly		Included w/ bearings seal & cap
34	100106088	2	Bearing cup		
35	100106087	2	Bearing cone		
36	100107013	2	Hub cap		

Station 2 Front Axle (Standard) • AS850 & AS1000

FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000

AS850 & AS1000 (Standard)

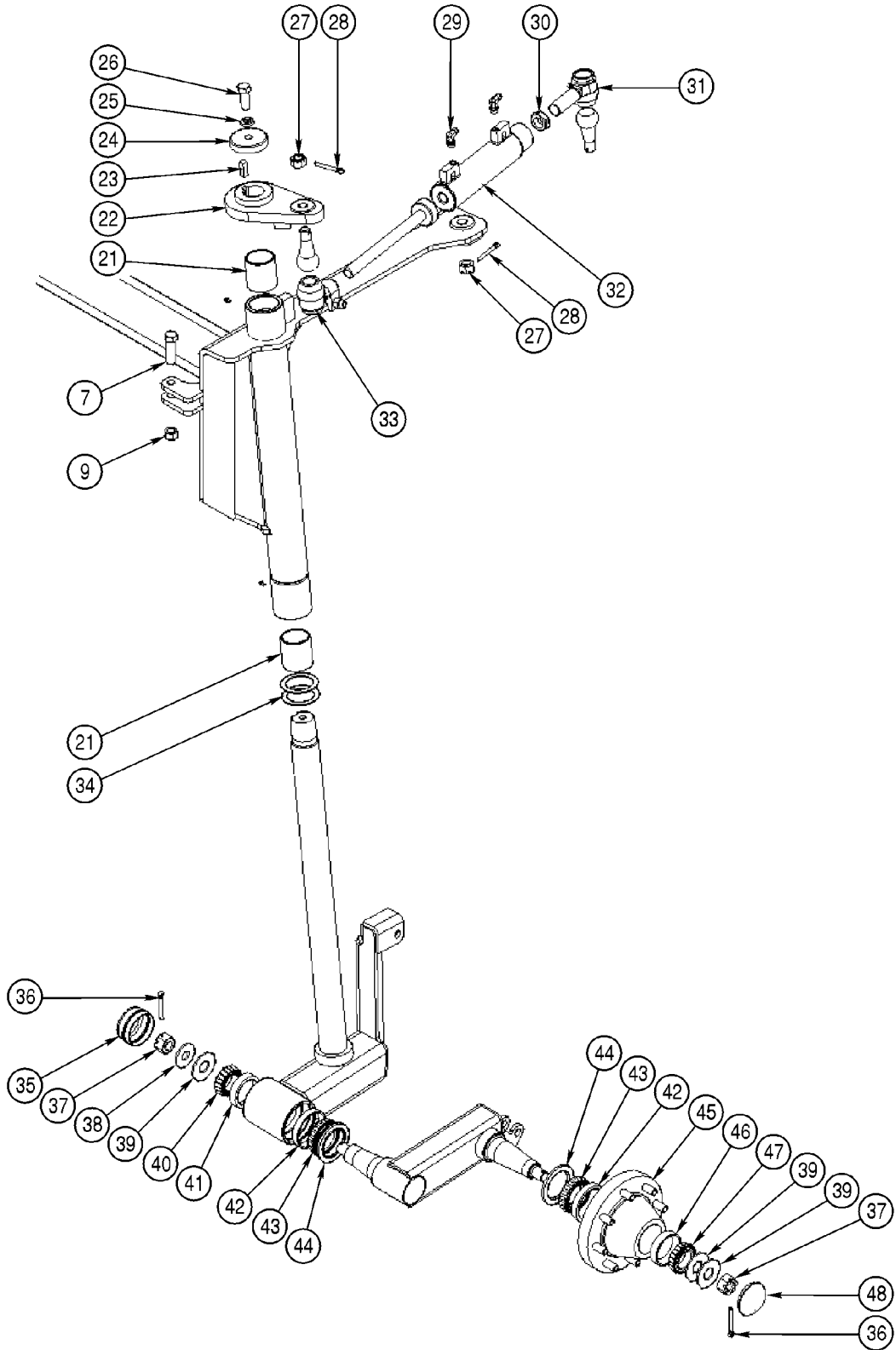


Item	Part Number	QTY	Description	Size	Comments
1	100105158	1	RH king pin std all crop heights		
2	100106040	1	RH outer flex std all crop heights		
3A	100105146	1	RH axle slider male 34"CC		120-144" wheel spacing
3B	100105148	1	RH axle slider male 42"CC		120-144" wheel spacing
3C	100105150	1	RH axle slider male 48"CC		120-144" wheel spacing
3D	100105166	1	RH axle slider male 48"CC		88-114" wheel spacing
4A	100105185	1	Front axle, center all crop heights		120-144" wheel spacing
4B	100105191	1	Front axle, center		88-114" wheel spacing
5	100105106	2	Brass thrust washer		
6	100100286	2	Brass bushing		
7	900006640	4	Bolt, locking bar to axle weldment		3/4"-16 X 3"
8A	100000314	4	Locking bar front		
8B	100000315	4	Locking bar front		88"-114" wheel spacing
9	901003075	4	Nut		3/4"-16 nylock
10	900006640	4	Bolt		1/2"-13 X 2
11	901003075	4	Nut		1/2"-13 nylock
12	900007045	12	Bolt, axle		1"-8 X 2 1/2"
13	901002095	12	Jam nut		1"-8"
14	100105133	4	Clamp bar w/ nuts		
15A	100105134	4	Clamp wedges		w/ manual wheel adjust
15B	100105144	4	Clamp wedges		w/ automatic wheel adjust
16	100200009	4	Wedge block wear pad		
17	100200013	4	Axle wear pad		
18A	100105147	1	LH axle slider male 34"CC		120-144" wheel spacing
18B	100105149	1	LH axle slider male 42"CC		120-144" wheel spacing
18C	100105151	1	LH axle slider male 48"CC		120-144" wheel spacing
18D	100105167	1	LH axle slider male 48"CC		88-114" wheel spacing
19	100105159	1	LH king pin all crop heights		
20	100106020	1	LH outer flex all crop heights		

Station 2 Front Axle (Standard) • AS850 & AS1000

FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000 • FRONT AXLE (STANDARD) • AS850 & AS1000

Front Axle (Standard) Detail 1

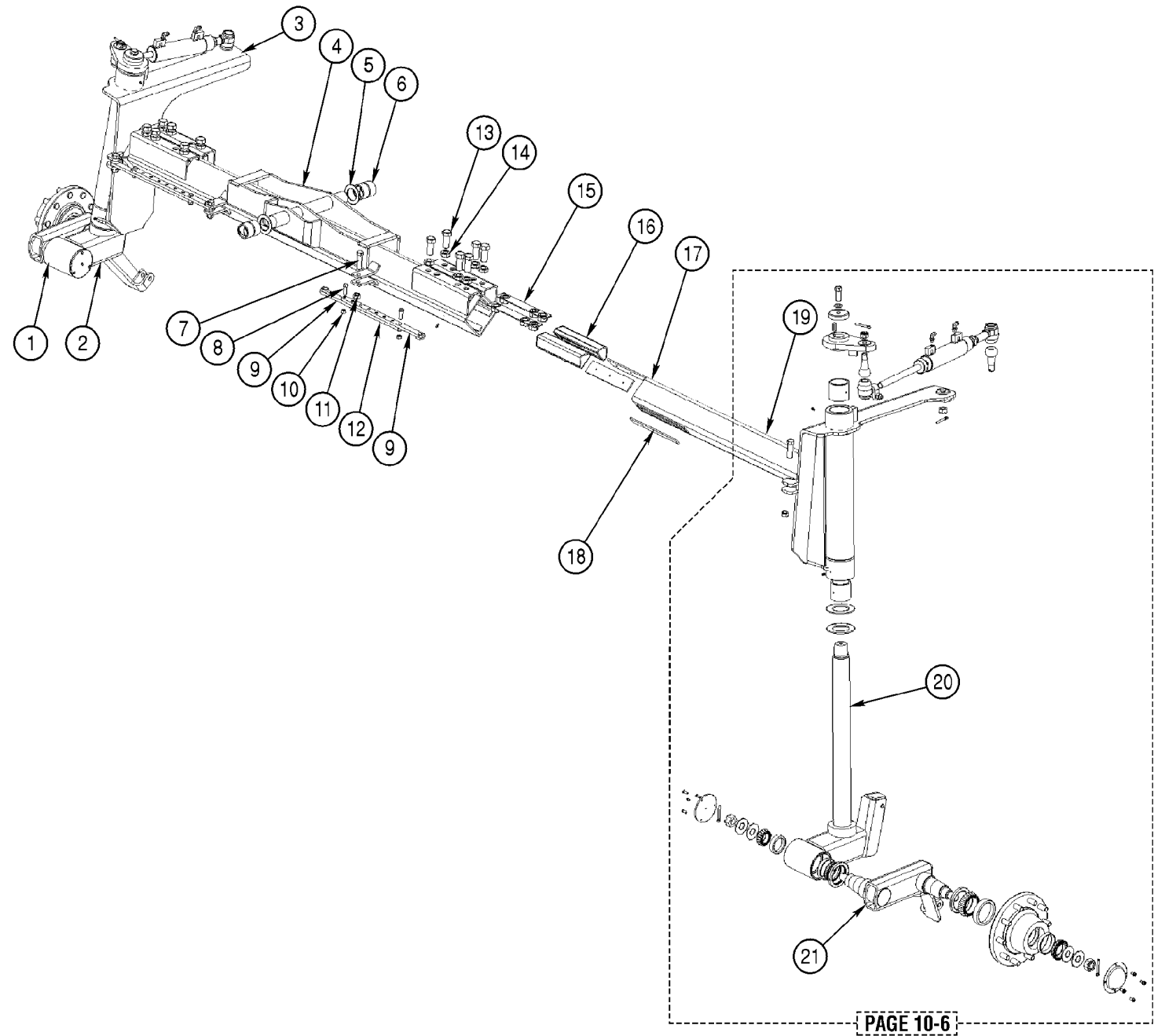


Item	Part Number	Qty	Description	Size	Comments
7	900006640	4	Bolt, locking bar to axle weldment		3/4"-16 X 3"
9	901003075	4	Nut		3/4"-16 nylock
21	100100287	4	Brass bushing		
22	100200120	1	LH steering arm		
22A	100200110	1	RH steering arm		
23	925000200	2	Keystock		1/2" x 1/2" x 1/2" L
24	100000400	2	Steering cap		
25	902351000	2	Lock washer		3/4"
26	900011865	2	Bolt		3/4"-16 X 2" grade 8
27	901000001	4	Castle nut		7/8"-14"
28	100106021	4	Cotter pin		
29	800404215	4	Fitting, steering		
30	901002105	2	Jam nut		1"- 1/8"-12"
31	100800810	2	Tie rod end, male		
32	850000118	2	Steering cylinder		Part # 850000129 is new steering cylinder. Must replace both cylinders at same time. See Service Bulletin #07-101. Seal kit for 850000118 is 850000114.
33	100800800	2	Tie rod end, female		
34	100105105	4	Brass thrust washer		
35	100106060	2	Hub cap, inner		
36	100106021	4	Cotter pin		
37	100106023	4	Castle nut		
38	100106017	2	Flat washer		1" grade 8 extra thick
39	100106026	6	Flat washer		1" grade 8
40	100106082	2	Bearing cone		
41	100106081	2	Bearing cup		
42	100106070	4	Bearing cup		
43	100106080	4	Bearing cone		
44	100106090	4	Seal		
45	100107010	2	Hub assembly		Includes bearings, seal, and cap
46	100106088	2	Bearing cup		
47	100106087	2	Bearing cone		
48	100107013	2	Hub cap		

Station 2 Front Axle (Heavy Duty) • AS850, AS1000 & AS1200

FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200

AS850, AS1000 & AS1200 (Heavy Duty)



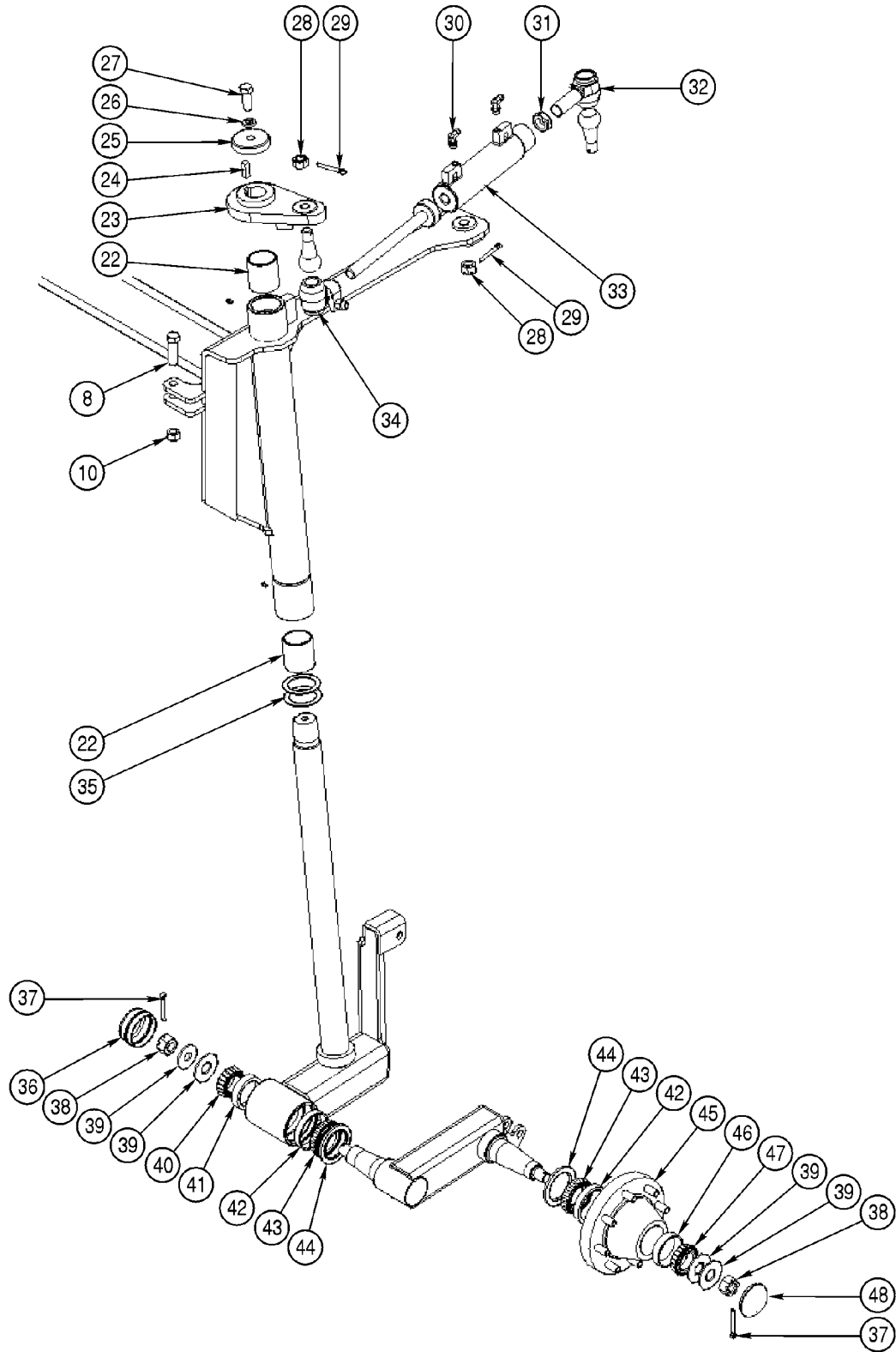
Item	Part Number	Qty	Description	Size	Comments
1	100106201	1	RH king pin all crop heights		
2	100106203	1	RH outer flex all crop heights		
3A	100105152	1	RH axle slider male 34"CC		120"-144" wheel spacing
3B	100105154	1	RH axle slider male 42"CC		120"-144" wheel spacing
3C	100105156	1	RH axle slider male 48"CC		120"-144" wheel spacing
3D	100105169	1	RH axle slider male 48"CC		88"-114" wheel spacing
4A	100105185	1	Front female axle center all crop heights		120"-144" wheel spacing
4B	100105191	1	Front female axle center		88"-114" wheel spacing
5	100105106	2	Brass thrust washer		
6	100100286	2	Brass bushing		
7	900006640	4	Bolt		3/4"-16 X 3"
8	900003270	4	Bolt		1/2"-13 X 2"
9A	100000314	4	Locking bar, front		120"-144" wheel spacing
9B	100000315	4	Locking bar, front		88"-114" wheel spacing
10	901003040	4	Nut		1/2"-13
11	901003075	4	Nut		3/4"-16 nylock
13	900007045	12	Bolt, axle		1"-8 X 2 1/2"
14	901002095	12	Jam nut		1"-8
15	100105133	4	Clamp bars w/ nuts		
16A	100105134	4	Clamp wedges w/ manual adjust		
16B	100105144	4	Clamp wedges w/ adjust on go		
17	100200009	4	Wedge block wear pad		
18	100200013	4	Axle wear pad		
19A	100105153	1	LH axle slider male 34"CC		120"-144" wheel spacing
19B	100105155	1	LH axle slider male 42"CC		120"-144" wheel spacing
19C	100105157	1	LH axle slider male 48"CC		120"-144" wheel spacing
19D	100105170	1	LH axle slider male 48"CC		88"-114" wheel spacing
20	100106202	1	LH king pin all crop heights		
21	100106204	1	LH outer flex all crop heights		

Station 2

Front Axle (Heavy Duty) • AS850, AS1000 & AS1200

FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200 · FRONT AXLE (HEAVY DUTY) • AS850, AS1000 & AS1200

Front Axle (Heavy Duty) Detail 1

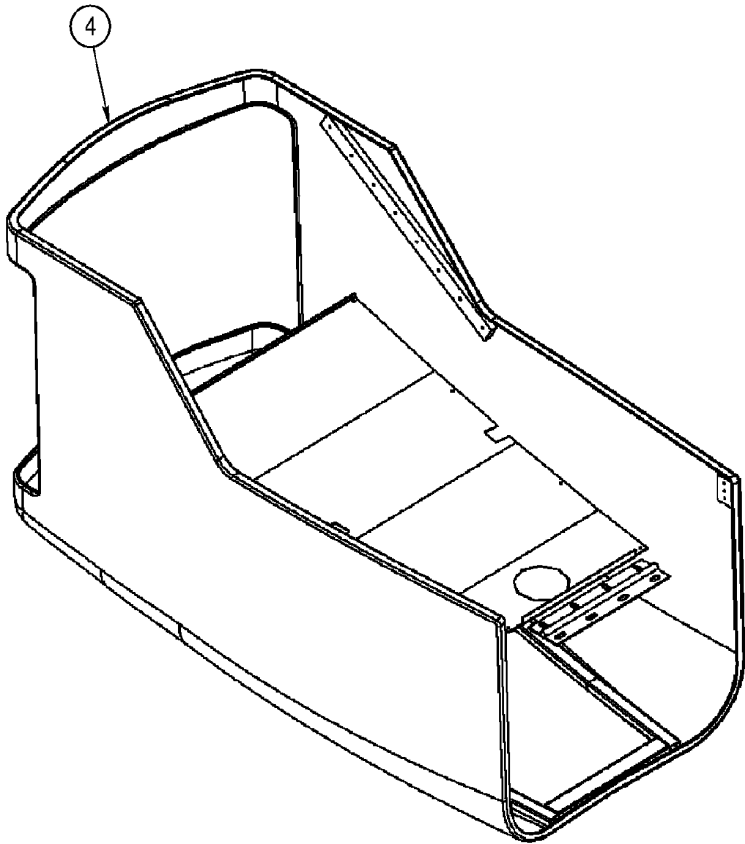
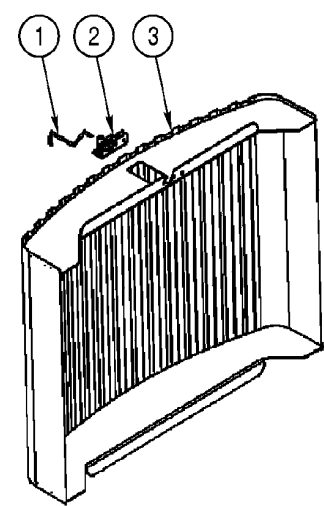


Item	Part Number	Qty	Description	Size	Comments
8	900003270	4	Bolt		1/2"-13 X 2"
10	901003040	4	Nut		1/2"-13"
22	100100288	4	Bushing		3" ID X 3-1/2" OD X 3" Long
23	100200120	1	LH steering arm		
23A	100200110	1	RH steering arm		
24	925000200	2	Keystock		1/2 x 1/2 x 1/2"
25	100000400	2	Steering cap		
26	902351000	2	Lock washer		3/4
27	900011865	2	Bolt		3/4-16 X 2" grade 8
28	901000001	4	Castle nut		7/8-14
29	100106021	4	Cotter pin		
30	800404215	4	Fitting, steering cylinder		
31	901002105	2	Jam nut		1-1/8-12"
32	100800810	2	Tie rod end male		
33	850000118	2	Steering cylinder		Part # 850000129 is new steering cylinder. Must replace both cylinders at same time. See Service Bulletin #07-101. Seal kit for 850000118 is 850000114.
34	100800800	2	Tie rod end female		
35	100105107	4	Brass thrust washer		
36	100107011	2	Hub cap inner		
37	100106027	4	Cotter pin		1/4 x 2
38	100106025	4	Castle nut		1-1/4-12
39	100106016	8	Flat washer		1 - 1/4 grade 5
40	100106080	2	Bearing cone		
41	100106070	2	Bearing cup		
42	100106091	4	Seal		
43	100106071	4	Bearing cone		
44	100106072	4	Bearing cup		
45	100107020	2	Front hub assembly		Includes bearings and seals
46	100106076	2	Bearing cup		
47	100106077	2	Bearing cone		
48	100107019	2	Hub cap		

Station 2 Hood & Bumper • AS500, AS850, AS1000 & AS1200

HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 · HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 · HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 · HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 · HOOD & BUMPER • AS500, AS850, AS1000 & AS1200

Hood & Bumper
AS500, AS850, AS1000 & AS1200

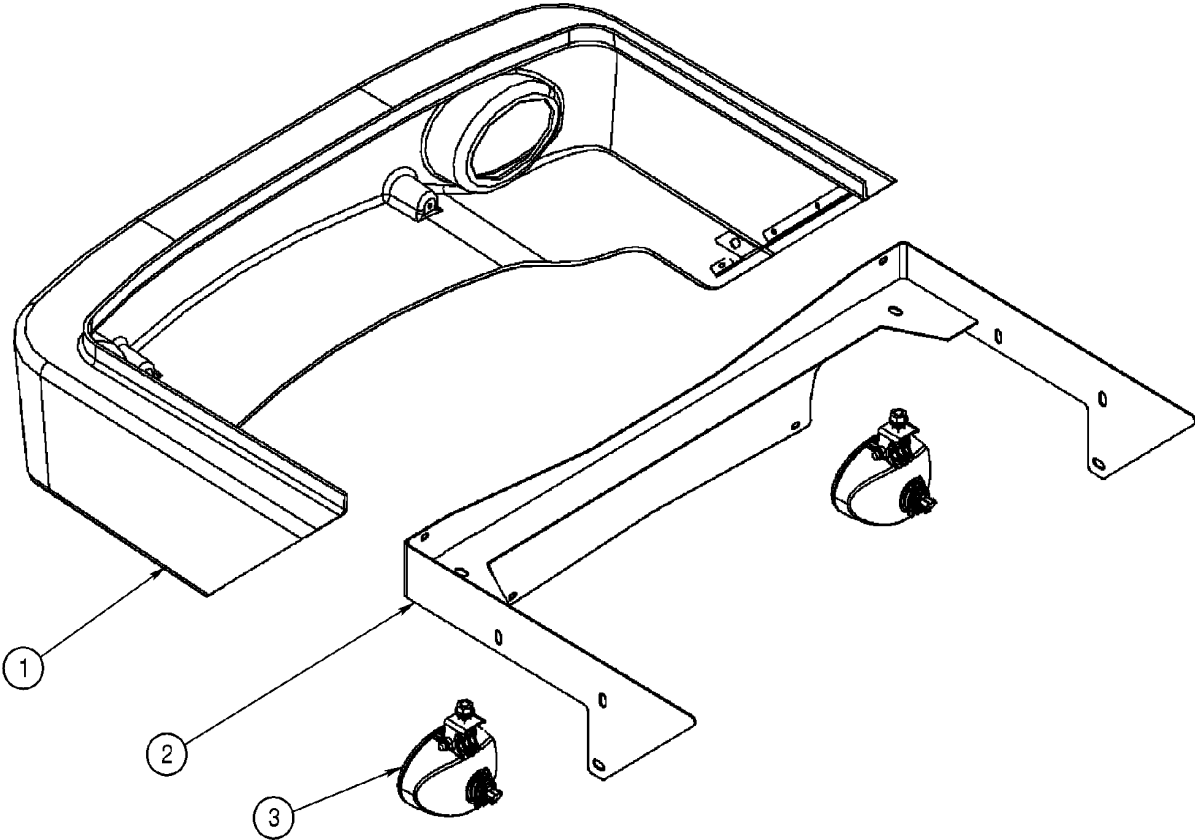


Item	Part Number	Qty	Description	Size	Comments
1	420000118	1	Striker		
2	420000114	1	Hood latch		
3	420000113	1	Grill		
4	420000101	1	Hood assembly		All models included w/ grill, air plenum , hinge, latch
	420000106	1	Hood hinge		Not shown
	420000109	1	Bracket hood latch		Not shown
	420000119	1	Pull strap		Not shown
	420306000	1	Decal Apache right side		Not shown
	420306001	1	Decal Apache left side		Not shown
	420306002	2	Decal AS500		Not shown
	420306003	2	Decal AS850		Not shown
	420306004	2	Decal AS1000		Not shown
	420306005	2	Decal AS1200		Not shown

Station 2 Hood & Bumper • AS500, AS850, AS1000 & AS1200

HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 • HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 • HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 • HOOD & BUMPER • AS500, AS850, AS1000 & AS1200 • HOOD & BUMPER • AS500, AS850, AS1000 & AS1200

AS500, AS850, AS1000 & AS1200



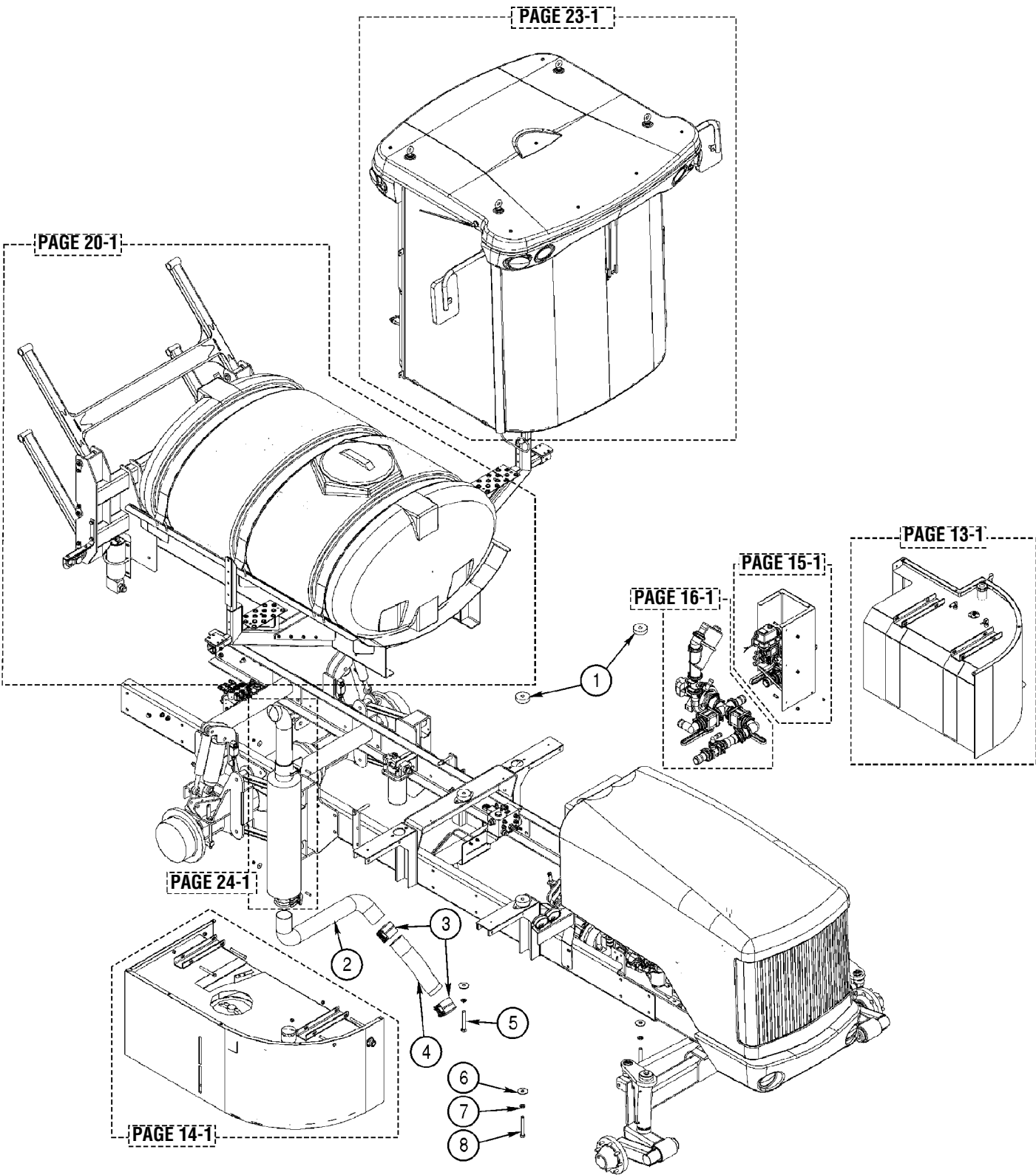
Item	Part Number	Qty	Description	Size	Comments
	K65000125		Kit, Bumper		Includes bracket & bumper.
1	NSS	1	Bumper cover		
2	NSS		Bracket, bumper		
3	710000401	2	Lights , driving		

Station 3

Component Overview • AS500 & AS850

COMPONENT OVERVIEW • AS500 & AS850 · COMPONENT OVERVIEW • AS500 & AS850 · COMPONENT OVERVIEW • AS500 & AS850 · COMPONENT OVERVIEW • AS500 & AS850 · COMPONENT OVERVIEW • AS500 & AS850 · COMPONENT OVERVIEW • AS500 & AS850

Station 3
Component Overview
AS500 & AS850



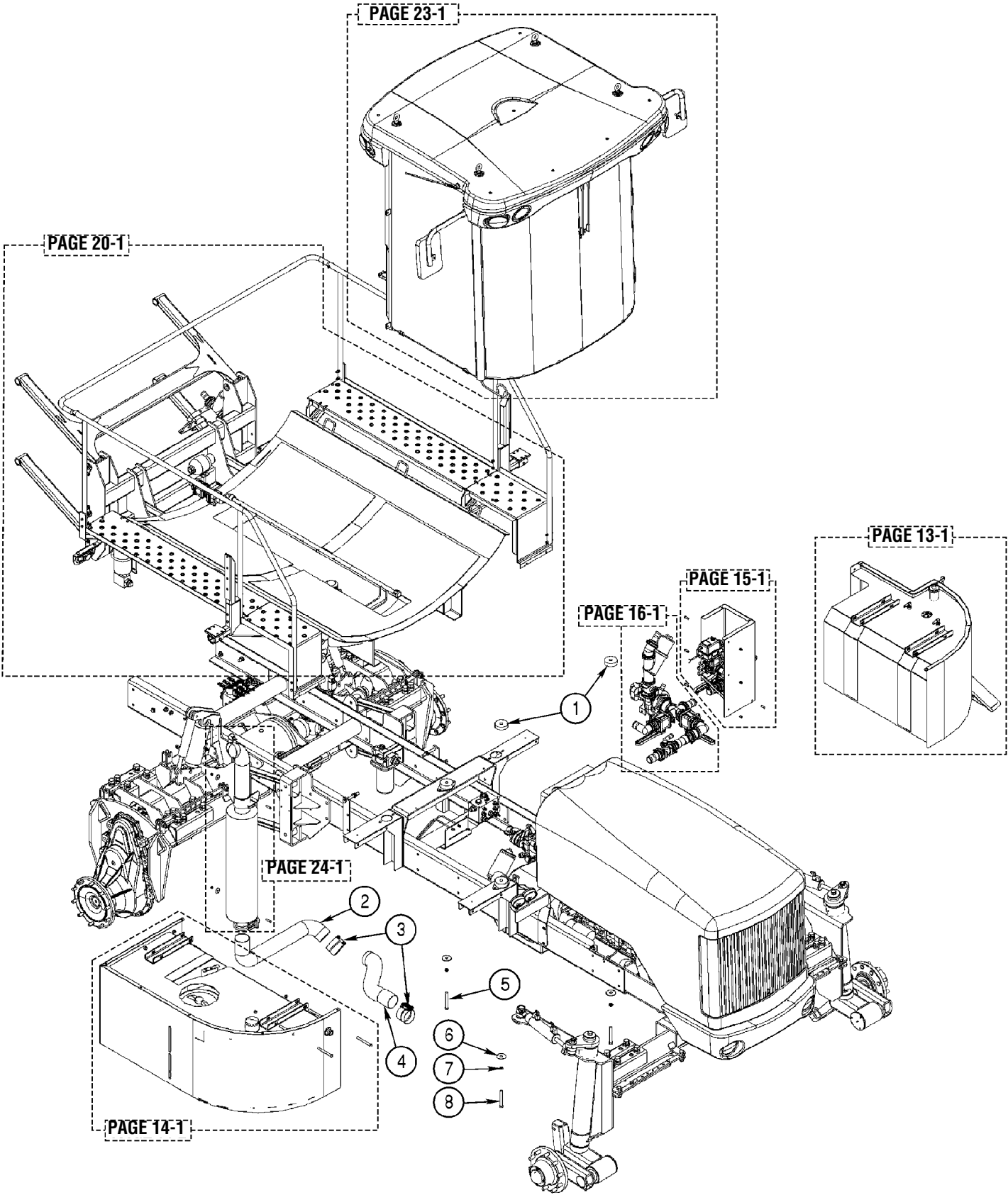
Item	Part Number	Qty	Description	Size	Comments
1	100100604	2	Spacer, front cab support		
2	201100004	1	Tube, exhaust, rear Deere		
3	290000740	2	Clamp, exhaust, 4" step band		
4	201100634	1	Flexible tubing, 4" exhaust SS		Sold by the foot. Order 24" minimum per machine.
5	900006680	1	Bolt, cab rear mount		3/4"-16 X 5-1/2" G5 ZP
6	900006695	2	Bolt, cab front mount		3/4"-16 X 6" G5 ZP
7	902351000	3	Washer, lock		3/4"
8	490002900	3	Washer, flat cab mount		

Station 3

Component Overview • AS1000 & AS1200

COMPONENT OVERVIEW • AS1000 & AS1200 • COMPONENT OVERVIEW • AS1000 & AS1200 • COMPONENT OVERVIEW • AS1000 & AS1200 • COMPONENT OVERVIEW • AS1000 & AS1200 • COMPONENT OVERVIEW • AS1000 & AS1200 • COMPONENT OVERVIEW • AS1000 & AS1200

AS1000 & AS1200



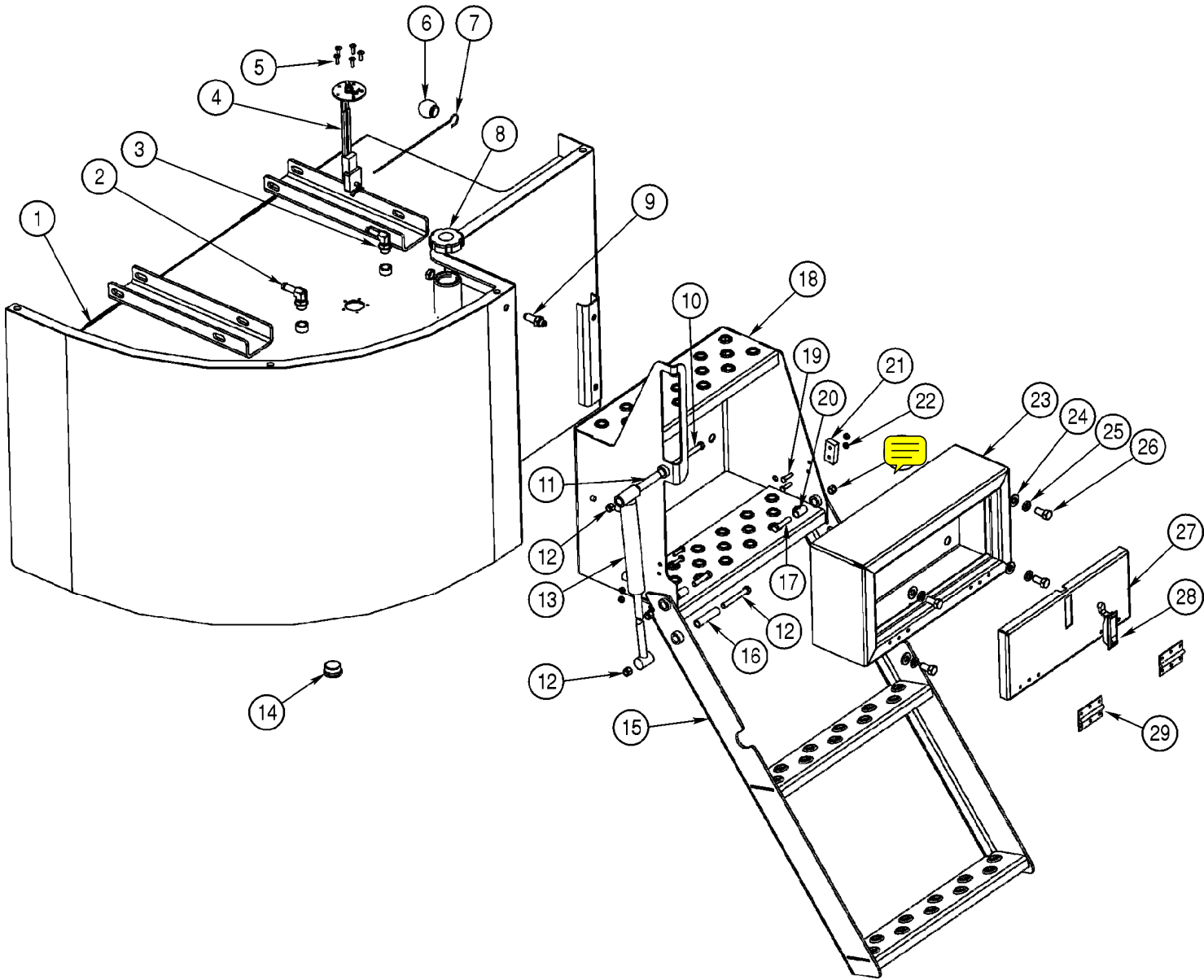
Item	Part Number	Qty	Description	Size	Comments
1	100100604	2	Spacer, front cab support		
2	201100011	1	Tube, exhaust, rear Cummins		
3	290000740	2	Clamp, exhaust, 4"step band		
4	201100634	1	Flexible tubing, 4" exhaust SS		Sold by the foot. Order 24" minimum per machine.
5	900006680	1	Bolt, cab rear mount		3/4"-16 X 5 1/2" G5 ZP
6	900006695	2	Bolt, cab front mount		3/4"-16 X 6" G5 ZP
7	902351000	3	Washer, lock		3/4"
8	490002900	3	Washer, flat, cab mount		

Station 3

Fuel Tank • AS500, AS850, AS1000 & AS1200

FUEL TANK • AS500, AS850, AS1000 & AS1200 • FUEL TANK • AS500, AS850, AS1000 & AS1200 • FUEL TANK • AS500, AS850, AS1000 & AS1200 • FUEL TANK • AS500, AS850, AS1000 & AS1200 • FUEL TANK • AS500, AS850, AS1000 & AS1200 • FUEL TANK • AS500, AS850, AS1000 & AS1200

Fuel Tank
AS500, AS850, AS1000 & AS1200

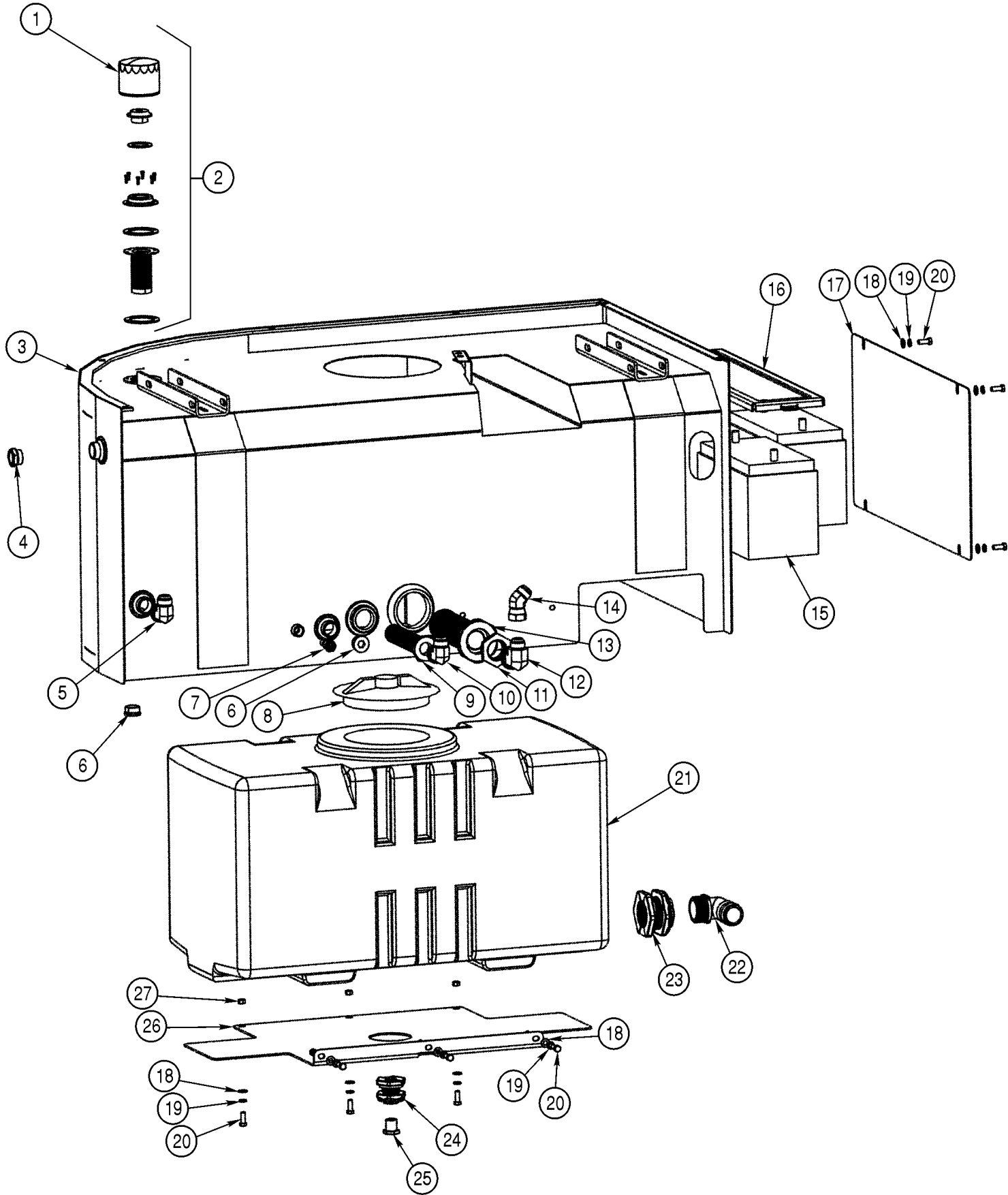


Item	Part Number	Qty	Description	Size	Comments
1	201400003	1	Fuel tank		All models 100 gallon
2	800303025	1	Fitting, elbow AS500 & AS850		AS1000 & AS1200 uses part # 800303027
3	800303027	1	Fitting, elbow AS500 & AS850		AS1000 & AS1200 uses part # 800303023
4	700010000	1	Sending unit, fuel gauge		All models
5	903005630	5	Capscrew		Oct-32
6	N/A		Included w/ #4		
7	N/A		Included w/ #4		
8	201400030	1	Cap, fuel tank		All models
9	800303033	1	Fitting, straight		
10	900102331	2	Bolt		M12X1.75X90
11A	420000016	1	Bushing		
11B	901000244	8	Washer (for cylinder)		Not Shown
12	901100465	2	Nut		M12
13	850000123	1	Cylinder, hydraulic		No seal kit for cylinder
14	800000640	1	Plug, drain		
15	420000027	1	Ladder		AS500 & all 34" CC models
15A	420000028	1	Ladder		All 42" CC & 48" CC models
16	420000015	1	Bushing		
17	900102332	2	Bolt		M12X1.75X45
18	420000026	1	Step, top		All models
19	900002405	2	Capscrew		1/4-20 X 1"
20	420000014		Bushing		
21	420000030	2	Ladder stop		
22	901000500	2	Nut		1/4/20
23	420000019	1	Tool box		
24	902003210	4	Washer, flat		1/2"
25	902201100	4	Washer, lock		1/2"
26	90000325	4	Bolt		1/2-13 X 1 1/4"
27	420000021	1	Tool box lid		
28	420000025	1	Latch, tool box		
29	420000024	2	Hinge, tool box		

Station 3 Hydraulic Tank • AS500 & AS850

HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK • AS500 & AS850 • HYDRAULIC TANK

Hydraulic Tank
AS500 & AS850

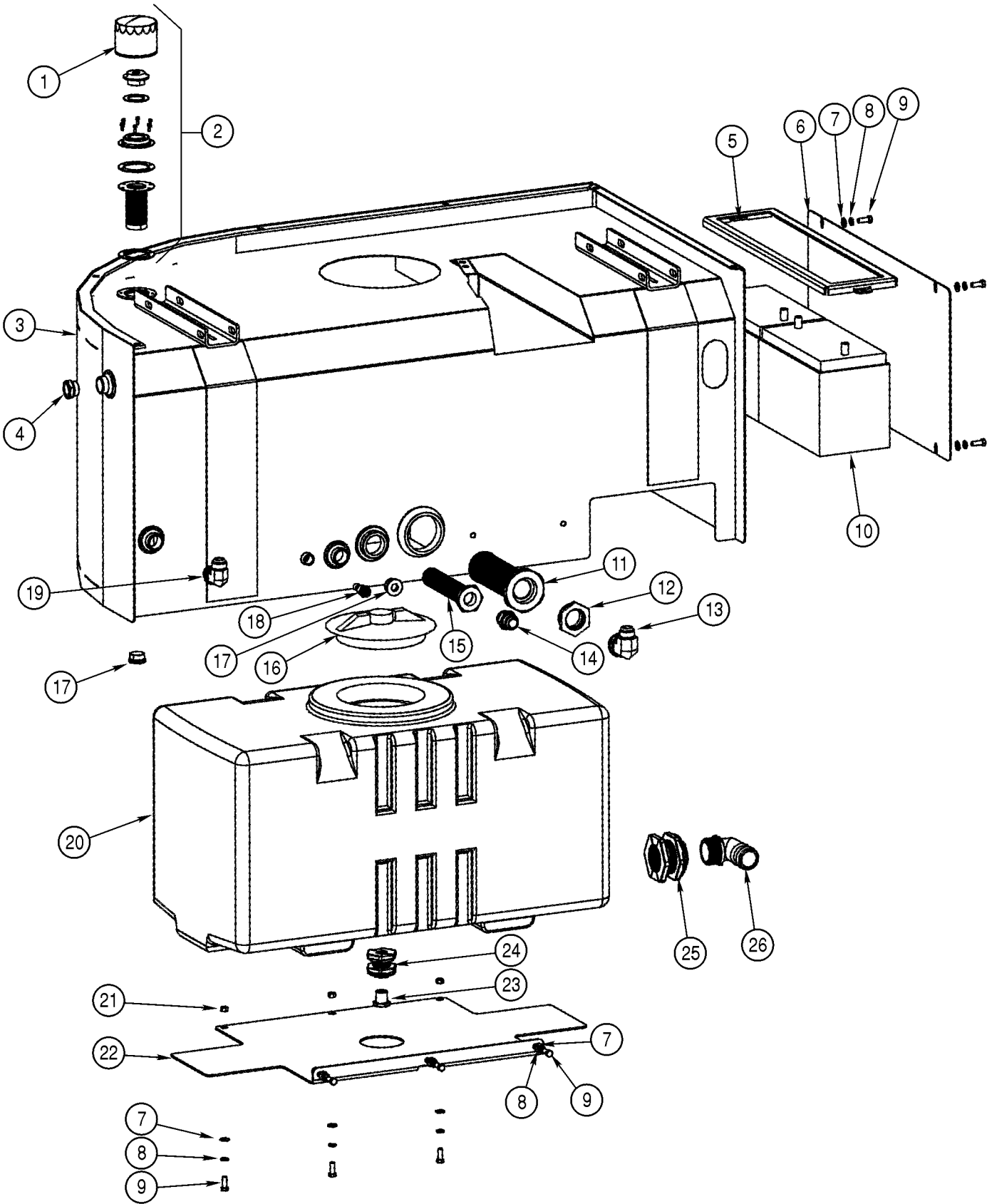


Item	Part Number	Qty	Description	Size	Comments
1	840000056	1	Cap, breather hydraulic tank		All models
2	840000050	1	Cap assembly, breather hydraulic tank		All models
2A	880000012	1	Extension tube, fill cap		
2B	900003245	8	Bolt		1/2-13 X 1-1/2", Not Shown
2C	901003040	8	Nut		1/2-13, Not Shown
2D	900106525	1	Bolt		3/8" Button head, Not Shown
2E	901000726	1	Nut		3/8", Not Shown
3	880000008	1	Hydraulic tank		All models
4	800302154	1	Sight glass, hydraulic fluid		
5	800404265	1	Fitting, 16 FLM X 16 ORM		
6	800000641	2	Plug, 1" Hex O-ring		
7	890150000	1	Hydraulic temperature sender		
8	620005022	1	Lid, rinse tank		
9	840000011	1	Suction strainer		1 3/8"
10	800302265	1	Fitting, 16 FLM X 16 ORM 90 DEG		
11	800302153	1	Fitting, 32ORM X 20ORF Bushing		
12	800302150	1	Fitting, 16FLM X 20ORM 90		
13	840000010	1	Suction strainer		1 7/8"
14	800304070	1	Fitting, 16FLF X 16FLM 45		
15	720000000	2	Battery		1000 CCA
16	490001032	1	Bracket, battery hold down		Bolt 900003801 5/16"-24 X 12"
17	490001041	1	Cover, battery box		
18	902003045	10	Flat washer		3/8"-16
19	902201090	10	Lock washer		3/8"-16
20	900002815	10	Bolt		3/8-16 X1"
21	620000101	1	Rinse tank 50 gallon		
22	640000540	1	2" 90 degree elbow threaded		
23	640000016	1	2" bulhead threaded		
24	640000050	1	3/4" bulkhead threaded		
25	640000520	1	1" 90 degree hose barb		
26	620000117	1	Pan, rinse tank		
27	901003020	6	Nut		3/8"-16 Nylock
	611000074	1	Radar gun, Raven		Not Shown. Remanufactured Part # 980000027.

Station 3 Hydraulic Tank • AS1000 & AS1200

HYDRAULIC TANK • AS1000 & AS1200 · HYDRAULIC TANK • AS1000 & AS1200 · HYDRAULIC TANK • AS1000 & AS1200 · HYDRAULIC TANK • AS1000 & AS1200 · HYDRAULIC TANK • AS1000 & AS1200 · HYDRAULIC TANK • AS1000 & AS1200 · HYDRAULIC TANK • AS1000 & AS1200

AS1000 & AS1200



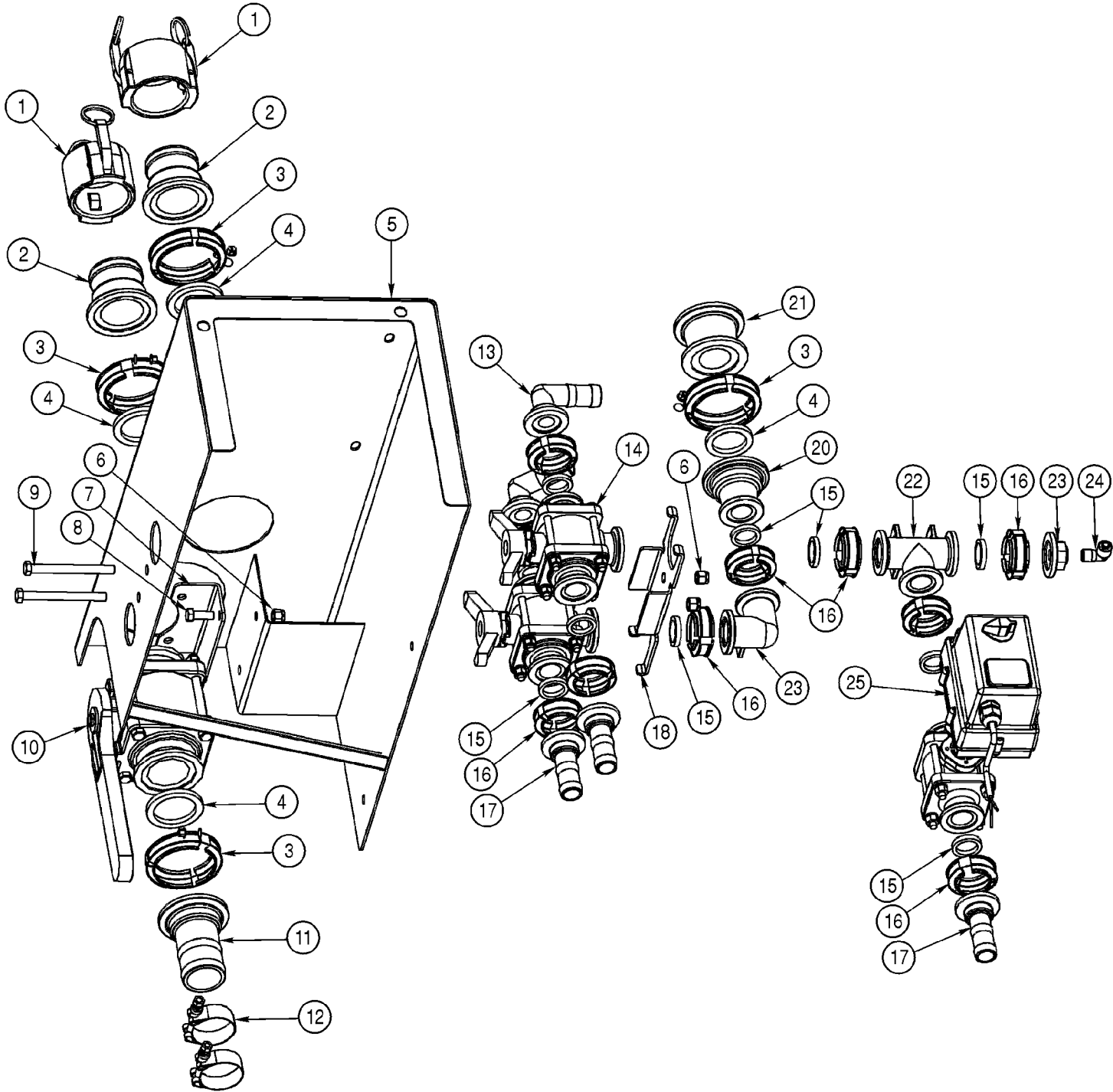
Item	Part Number	Qty	Description	Size	Comments
1	840000056	1	Cap, breather hydraulic tank		All models
2	840000050	1	Cap assembly, breather hydraulic tank		All models
2A	880000012	1	Extension tube, fill cap		
2B	900003245	8	Bolt		1/2-13 X 1-1/2", Not Shown
2C	901003040	8	Nut		1/2-13, Not Shown
2D	900106525	1	Bolt		3/8" Button head, Not Shown
2E	901000726	1	Nut		3/8", Not Shown
3	880000008	1	Hydraulic tank		All models
4	800302154	1	Sight glass, hydraulic fluid		
5	490001032	1	Bracket, battery hold down		Bolt 900003801 5/16"-24 X 12"
6	490001041	1	Cover, battery		
7	902003045	10	Flat washer		3/8"-16"
8	902201090	10	Lock washer		3/8"-16"
9	900002815	10	Bolt		3/8-16 X1"
10	720000000	2	Battery		1000 CCA
11	840000010	1	Suction strainer		1 7/8"
12	800302153	1	FITTING 32ORM X 20ORF BUSHING		
13	800302150	1	FITTING 16FLM X 20ORM 90		
14	800302410	1	FITTING 16 ORM X 16 FLM ST		
15	840000011	1	Suction strainer		1 3/8"
16	620005022	1	Lid, only rinse tank		
17	800000641	2			
18	890150000	1	Hydraulic temperature sender		
19	800404265	1	FITTING 16 FLM X 16 ORM 90 DEG		
20	620000101	1	Rinse tank 50 gallon tan		
21	901003020	6	Nut		3/8"-16 Nylock
22	620000117	1	Pan, rinse tank		
23	640000520	1	1" 90 degree hose barb		
24	640000050	1	3/4" bulkhead threaded		
25	640000016	1	2" bulkhead threaded		
26	640000540	1	2" 90 degree elbow threaded		
	720100005	1	Positive battery cable		Not shown
	720100006	1	Negative battery cable		Not shown
	490100000	12	Foam padding		Not shown
	611000074	1	Radar gun, Raven		Not Shown. Remanufactured Part # 980000027.

Station 3

Fill Station • AS500, AS850 & AS1000

FILL STATION • AS500, AS850 & AS1000 • FILL STATION • AS500, AS850 & AS1000 • FILL STATION • AS500, AS850 & AS1000 • FILL STATION • AS500, AS850 & AS1000 • FILL STATION • AS500, AS850 & AS1000 • FILL STATION • AS500, AS850 & AS1000 • FILL STATION • AS500, AS850 & AS1000

Fill Station
AS500, AS850 & AS1000



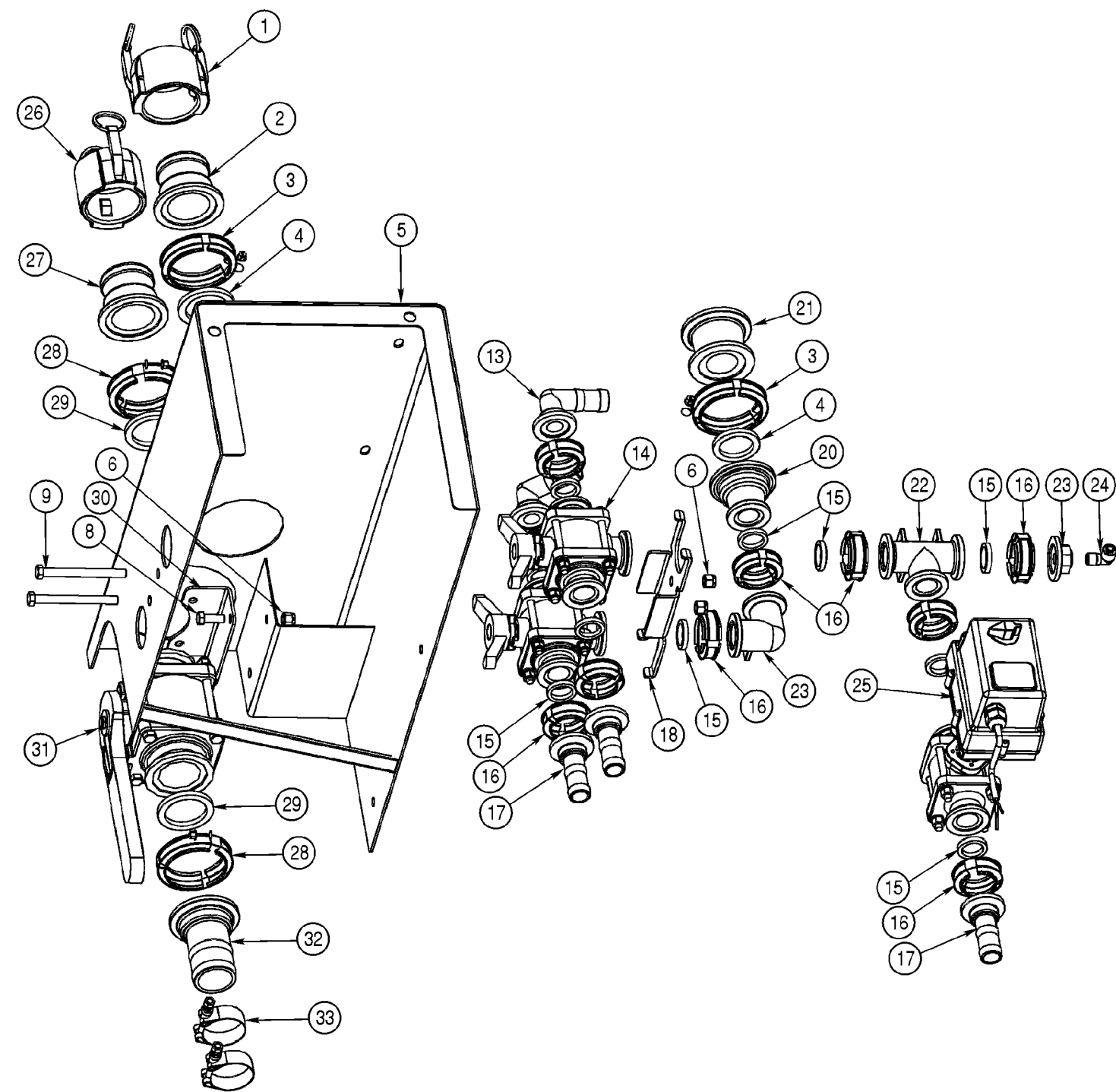
Item	Part Number	Qty	Description	Size	Comments
1	640000150	2	Cap, quick couple		2"
2	640100074	2	Flanged to male QDC		2" FP to 2" QDC
3	640100011	3	Clamp		2" FP
4	640100012	3	Gasket		2" FP
5	690000005	1	Housing, fill station		Foam around top 490100000 uses 2'
6	901003020	4	3/8"-16 nylock		
7	690000002	1	Bracket, support		
8	900000400	2	Bolt		3/8"-16 X 1"
9	900000490	4	Bolt, valve mounting		3/8"-16 X 5"
10	640100001	1	Valve, product		2" full port, 4-bolt
11	640100005	1	Hose barb		2" FP to 2" HB
12	915003300	2	Clamp		
13	640100023	2	Fitting, elbow		1" to 1" HB
14	640400010	2	3-way valve		1"
15	640100016	10	Gasket		1"
16	640100015	10	Clamp		1"
17	640100053	3	Hose barb		1" to 1" HB
18	690000006	1	Bracket, valve mounting		
19	640100121	1	Fitting, elbow		1" to 1"
20	640100007	1	Adapter		2" FP to 2" std port
21	640100073	1	Adapter		2" std port to 1"
22	640100024	1	Fitting, tee		1"
23	640400011	1	End cap		
24	640020000	1	Fitting, elbow 1/4		
25	660000300	1	Agitation valve		1 "

Station 3

Fill Station with High Flow Plumbing • AS850, AS1000 & AS1200

FILL STATION WITH HIGH FLOW PLUMBING · AS850, AS1000 & AS1200 · FILL STATION WITH HIGH FLOW PLUMBING · AS850, AS1000 & AS1200 · FILL STATION WITH HIGH FLOW PLUMBING · AS850, AS1000 & AS1200 · FILL STATION WITH HIGH FLOW PLUMBING · AS850, AS1000 & AS1200

(with High Flow Plumbing) AS850, AS1000 & AS1200



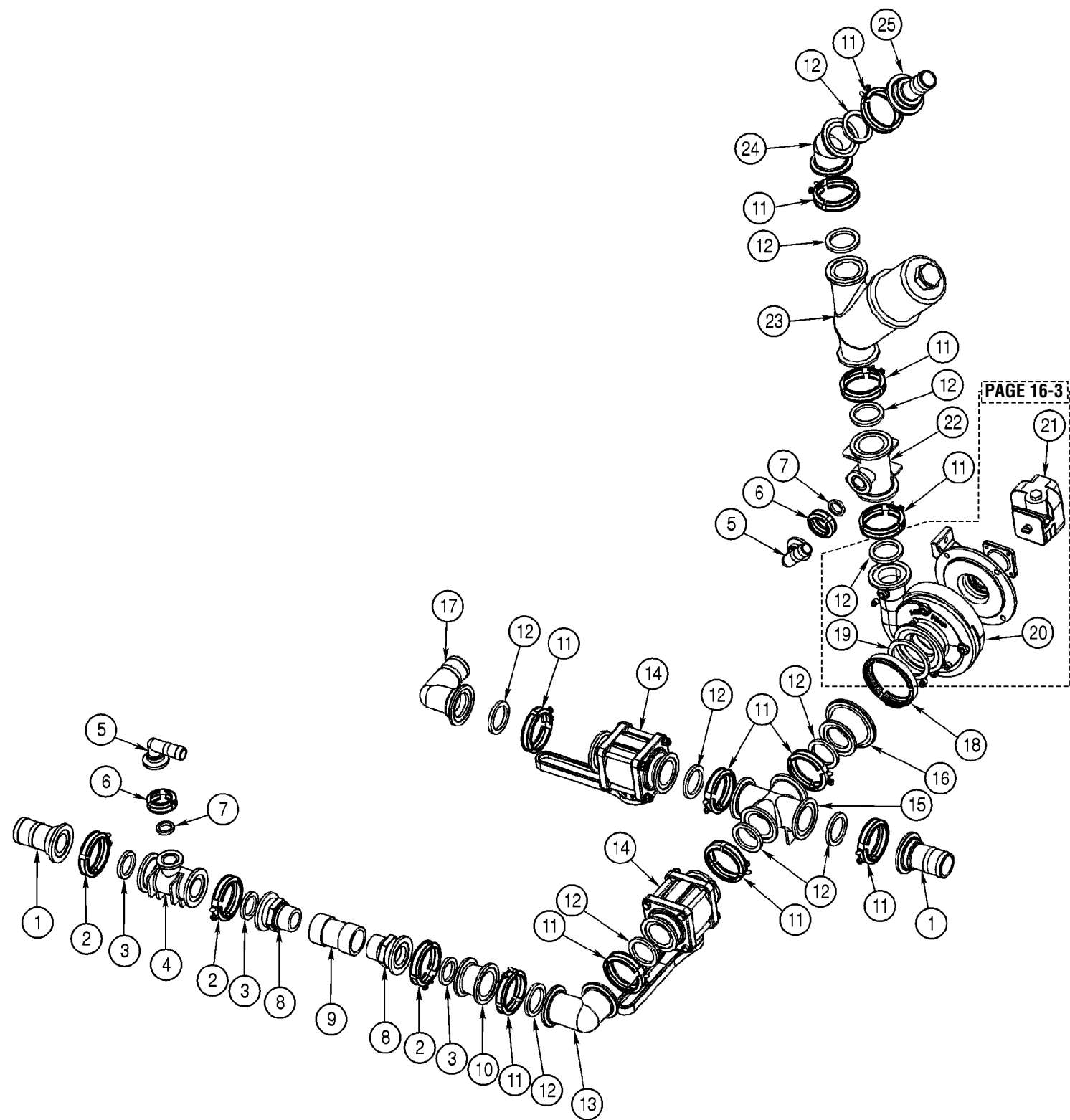
Item	Part Number	Qty	Description	Size	Comments
1	640000150	2	Cap, quick couple		2"
2	640100074	2	Flanged to male QDC		2" FP to 2" QDC
3	640100011	3	Clamp		2" FP
4	640100012	3	Gasket		2" FP
5	690000005	1	Housing, fill station		Foam around top 490100000 uses 2'
6	901003020	4	3/8"-16 nylock		
7	690000002	1	Bracket, support		
8	900000400	2	Bolt		3/8"-16 X 1"
9	900000490	4	Bolt, valve mounting		3/8"-16 X 5"
10	640100001	1	Valve, product		2" full port, 4-bolt
11	640100005	1	Hose barb		2" FP to 2" HB
12	915003300	2	Clamp		
13	640100023	2	Fitting, elbow		1" to 1" HB
14	640400010	2	3-way valve		1"
15	640100016	10	Gasket		1"
16	640100015	10	Clamp		1"
17	640100053	3	Hose barb		1" to 1" HB
18	690000006	1	Bracket, valve mounting		
19	640100121	1	Fitting, elbow		1" to 1"
20	640100007	1	Adapter		2" FP to 2" std port
21	640100073	1	Adapter		2" std port to 1"
22	640100024	1	Fitting, tee		1"
23	640400011	1	End cap		
24	640020000	1	Fitting, elbow 1/4		
25	660000300	1	Agitation valve		1"
26	640100095	1	3" Cap		
27	640100120	1	3" Male QDC		
28	640100028	2	3" Clamp		
29	640100027	2	Gasket		
30	690000003	1	3" Bracket, valve		
31	640100061	1	3" Ball valve		
32	640100048	1	3" Hose barb		
33	915003301	2	3" Clamp		
34	RM801075	4'-6"	3" Hose		Not Shown

Station 3

Product Pump & Plumbing • AS500, AS850 & AS1000

PRODUCT PUMP PLUMBING • AS500, AS850 & AS1000 • PRODUCT PUMP PLUMBING • AS500, AS850 & AS1000 • PRODUCT PUMP PLUMBING • AS500, AS850 & AS1000 • PRODUCT PUMP PLUMBING • AS500, AS850 & AS1000 • PRODUCT PUMP PLUMBING • AS500, AS850 & AS1000

Product Pump & Plumbing
AS500, AS850 & AS1000



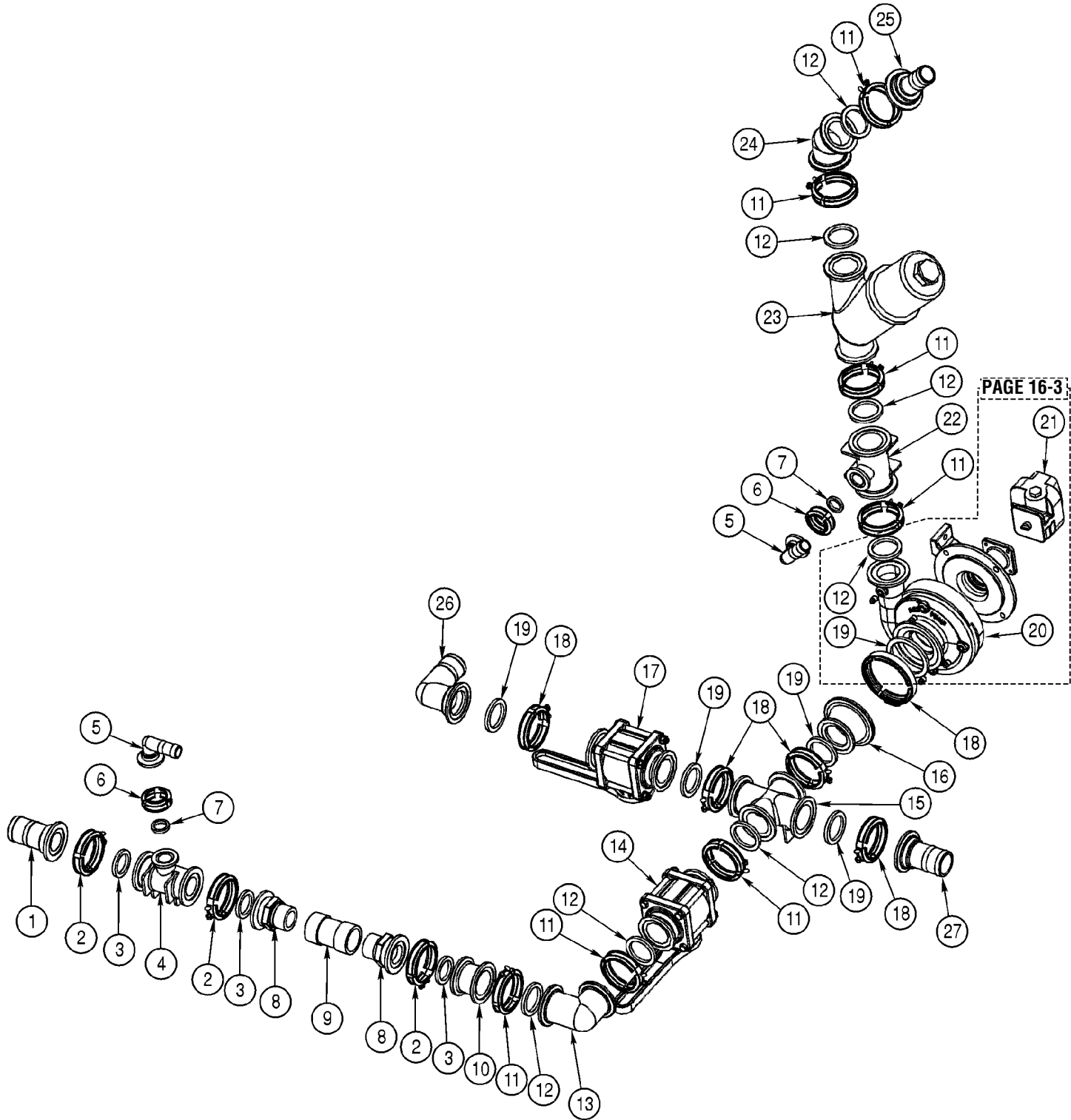
Item	Part Number	Qty	Description	Size	Comments
1	640100033	1	Hose barb		2" std port 2" HB
2	640100013	3	Clamp		2" std
3	640100014	3	Gasket		2" std
4	640100083	1	Tee		2" std port to 1"
5	640100023	1	Hose barb 90 degree		1"
6	640100015	2	Clamp		1"
7	640100016	2	Gasket		1"
8	640100131	2	Adapter		2' std port to 1 1/2" npt
9	640100130	1	Check valve		1 1/2" npt
10	640100073	1	Adaptor		2" std port to 2" FP
11	640100011	10	Clamp		2" FP
12	640100012	10	Gasket		2" FP
13	640100003	1	Fitting, elbow		2" FP 90 degree
14	640100001	2	Banjo valve		2" FP, 4-bolt
15	640100043	1	Fitting, cross		2" FP
16	640100047	1	Fitting, reducer		3" to 2" FP
17	640100004	1	Fitting, elbow hose barb		2" FP to 2" HB
18	640100028	1	Clamp		3"
19	640100027	1	Gasket		3"
20	630000315	1	Ace 304 product pump complete		Includes hyd motor, wet half seal # 630001091
21	630001271	1	Hydraulic motor		Hyd motor only, seal kit # 630001141
22	640400007	1	Fitting, tee		2" FP to 1"
23	640400000	1	Strainer, complete		2" Fp w/ 100 mesh screen, screen only #640400002
23A	640400001	1	Clamp only for strainer		
23B	640400003	1	End cap for strainer		
23C	640400004	1	Body for strainer		
23D	640400005	1	Gasket for strainer		
24	640000042	1	Adapter 45 degree		2" FP
25	640100039	1	Hose barb		2" FP to 1 1/2" HB
	K65000051	1	Vent kit for product pump w/ poly tank		Not Shown
	K65000052	1	Vent kit for product pump w/ SS tank & chemical eductor		Not Shown
	K65000053	1	Vent kit for product pump w/ SS tank and no eductor		Not Shown

Station 3

Product Pump & Plumbing with High Flow Option • AS850, AS1000 & AS1200

PRODUCT PUMP & PLUMBING WITH HIGH FLOW OPTION • AS850, AS1000 & AS1200 • PRODUCT PUMP & PLUMBING WITH HIGH FLOW OPTION • AS850, AS1000 & AS1200 • PRODUCT PUMP & PLUMBING WITH HIGH FLOW OPTION • AS850, AS1000 & AS1200

(with High Flow Option) AS850, AS1000 & AS1200

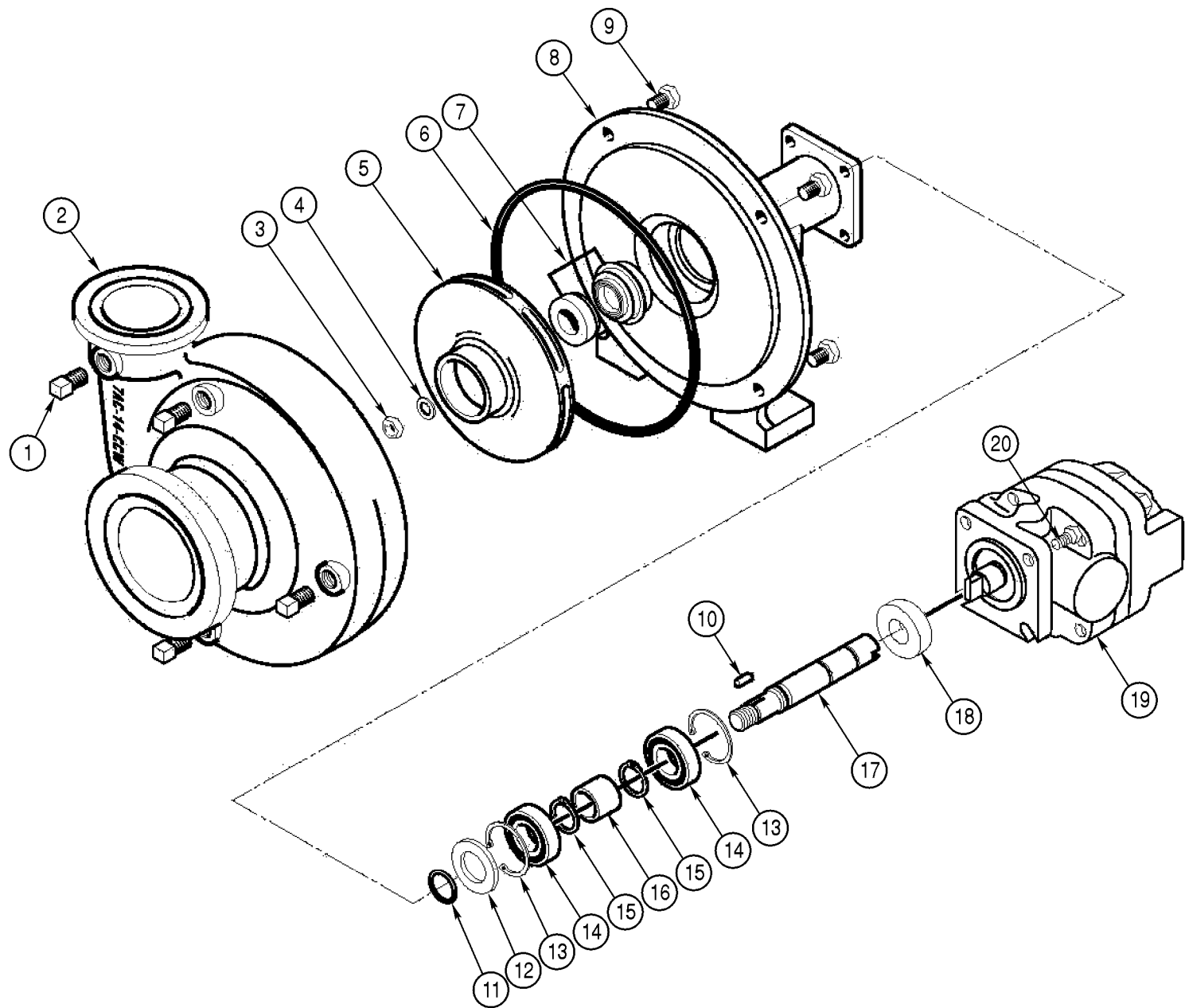


Item	Part Number	Qty	Description	Size	Comments
1	640100033	1	Hose barb		2" std port 2" HB
2	640100013	3	Clamp		2" std
3	640100014	3	Gasket		2" std
4	640100083	1	Tee		2" std port to 1"
5	640100023	1	Hose barb 90 degree		1"
6	640100015	2	Clamp		1"
7	640100016	2	Gasket		1"
8	640100131	2	Adapter		2' std port to 1 1/2" npt
9	640100130	1	Check valve		1 1/2" npt
10	640100073	1	Adaptor		2" std port to 2" FP
11	640100011	7	Clamp		2" FP
12	640100012	7	Gasket		2" FP
13	640100003	1	Fitting, elbow		2" FP 90 degree
14	640100001	2	Banjo valve		2" FP, 4-bolt
15	640100122	1	Fitting, cross		3" Flange cross
16	640100047	1	Fitting, reducer		3" to 2" FP
17	640100061	1	Ball valve		3" FL6
18	640100028	5	Clamp		3"
19	640100027	5	Gasket		3"
20	630000315	1	Ace 304 product pump complete		Includes hyd motor, wet half seal # 630001091
21	630001271	1	Hydraulic motor		Hyd motor only, seal kit # 630001141
22	640400007	1	Fitting, tee		2" FP to 1"
23	640400000	1	Strainer, complete		2" Fp w/ 100 mesh screen, screen only #640400002"
23A	640400001	1	Clamp only for strainer		
23B	640400003	1	End cap for strainer		
23C	640400004	1	Body for strainer		
23D	640400005	1	Gasket for strainer		
24	640000042	1	Adapter 45 degree		2" FP
25	640100005	1	Hose barb		Fitting 2" HB
26	640100049	1	Fitting, elbow hose barb		3" FL6 x 3" HB 90 degree
27	640100048	1	Fitting, hose barb		3" Flange to 3" HB
	K65000051	1	Vent kit for product pump w/ poly tank		Not Shown
	K65000052	1	Vent kit for product pump w/ SS tank & chemical eductor		Not Shown
	K65000053	1	Vent kit for product pump w/ SS tank and no eductor		Not Shown

Station 3 **Product Pump & Plumbing • AS500, AS850, AS1000 & AS1200**

PRODUCT PUMP & PLUMBING • AS500, AS850, AS1000 & AS1200 · PRODUCT PUMP & PLUMBING • AS500, AS850, AS1000 & AS1200 · PRODUCT PUMP & PLUMBING • AS500, AS850, AS1000 & AS1200 · PRODUCT PUMP & PLUMBING • AS500, AS850, AS1000 & AS1200

AS500, AS850, AS1000 & AS1200



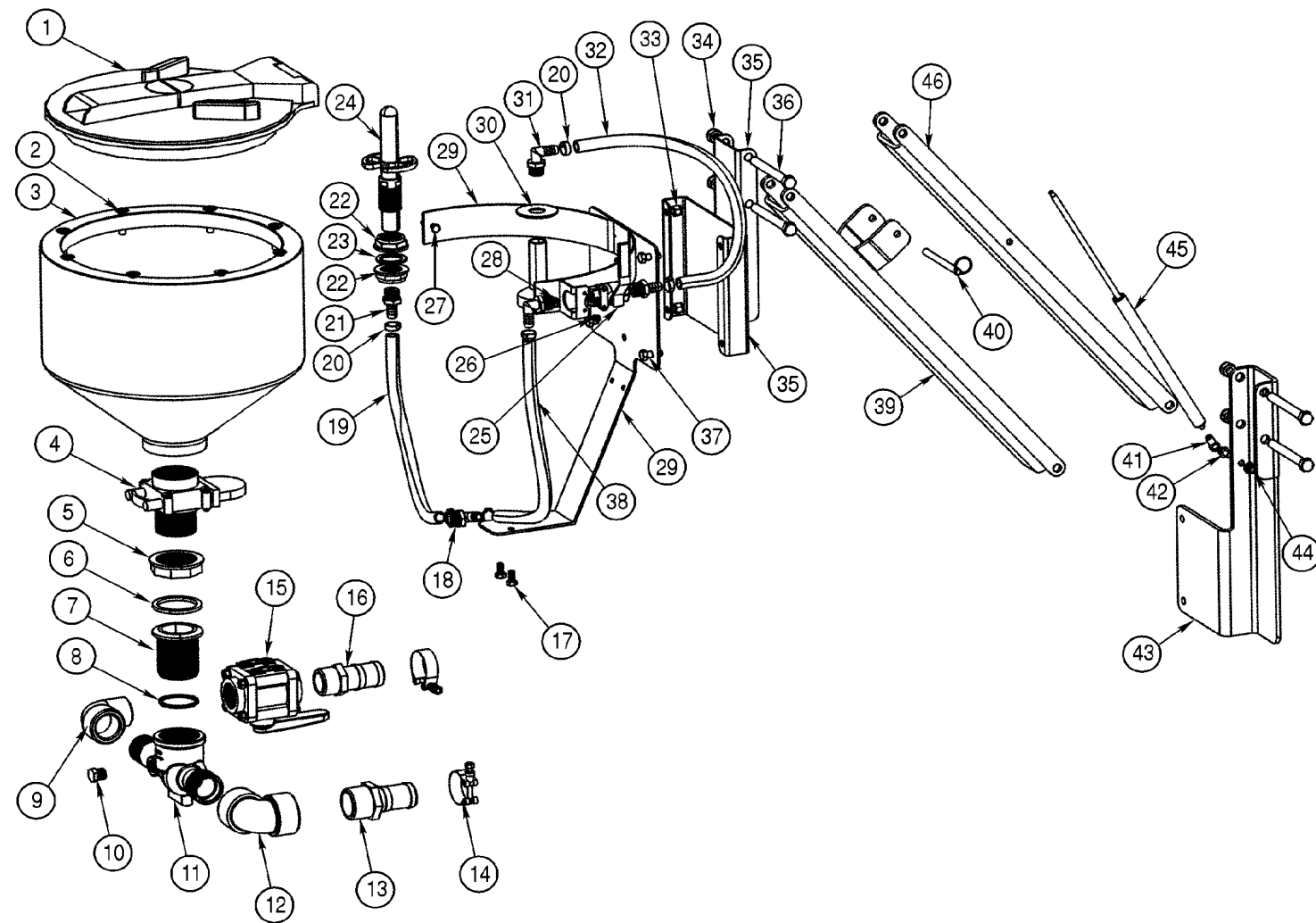
Item	Part Number	Qty	Description	Size	Comments
	630000315	1	Complete Ace Pump Assembly		
	630000316	1	Wet Half of Product Pump		
1	630001131	4	Pipe Plug		
2	630001012	1	Volute, Ace Flanged		300 Std Port X 220 Full Port
3	630001060	1	Nut		3/8-24, Cad Plated
4	630001135	1	Washer		3/8 Star, Stainless Steel
5	630000023	1	Impeller, Extended Keyway		Thermoplastic
6	N/A	1	O-ring, Body Seal		Included w/seal kit 630001090 & 091
7	N/A	1	Seal, Mechanical, Viton		Included w/seal kit 630001090 & 091
8	630001050	1	Mount, Pump Ace 304		
9	630001230	4	Cap Screw, Hex Head		3/8-16 X 3/4"
10	630001130	1	Key, Impeller		1/8" X 1/8 X 13/16"
11	630001132	1	O-Ring, Saft 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		
17	630001111	1	Shaft, Extended Keyway		Stainless Steel
18	630001133	1	Seal Support Spacer		
19	630001271	1	Hydraulic Motor, 11 GPM		
20	630001134	4	Cap Screw, Hex Head		5/16-18 X 3/4"
	630001090	A/R	Repair Kit, Ace 304 Pump		Not Shown
	630001091	A/R	Repair Kit, W/Sil Carbide		Not Shown
	630001141	A/R	Repair Kit, 300 Ser L-Motor		Not Shown
	K65000051	1	Vent kit for product pump w/ poly tank		Not Shown
	K65000052	1	Vent kit for product pump w/ SS tank & chemical eductor		Not Shown
	K65000053	1	Vent kit for product pump w/ SS tank and no eductor		Not Shown

Station 3

Eductor • AS500, AS850, AS1000 & AS1200

EDUCTOR • AS500, AS850, AS1000 & AS1200 · EDUCTOR • AS500, AS850, AS1000 & AS1200 · EDUCTOR • AS500, AS850, AS1000 & AS1200 · EDUCTOR • AS500, AS850, AS1000 & AS1200 · EDUCTOR • AS500, AS850, AS1000 & AS1200 · EDUCTOR • AS500, AS850, AS1000 & AS1200

Eductor
AS500, AS850, AS1000 & AS1200



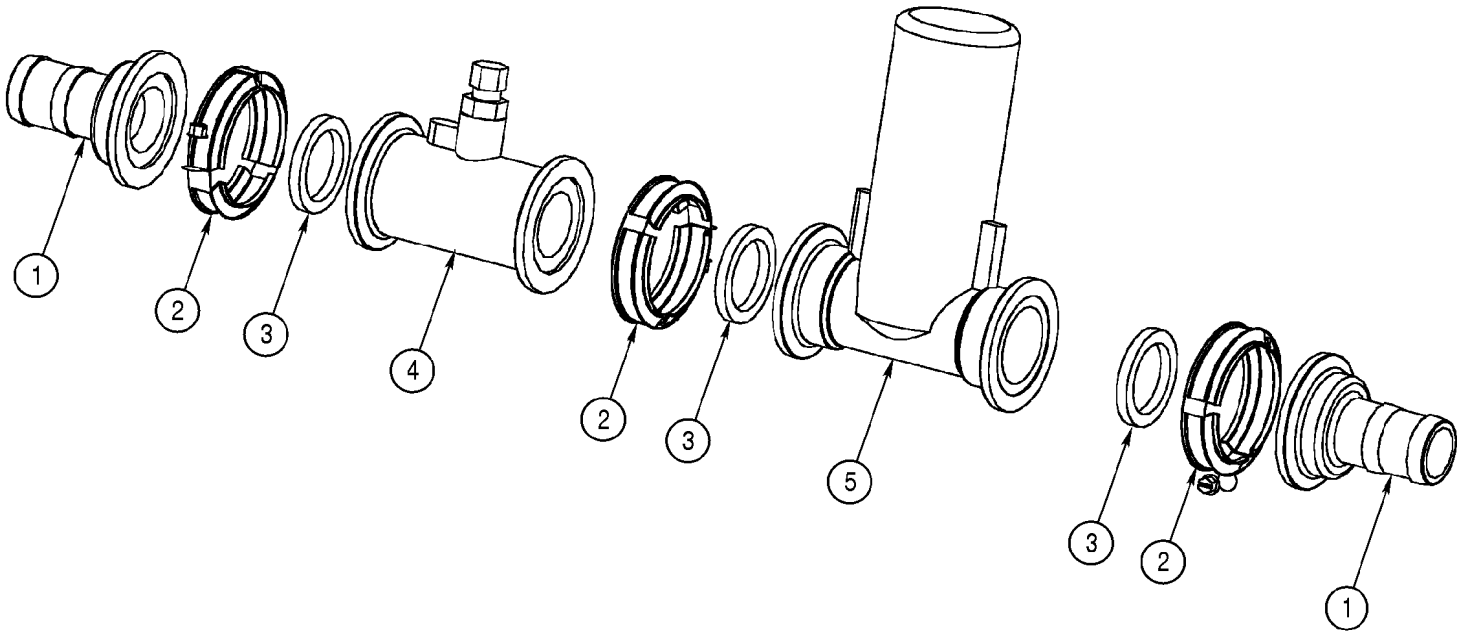
Item	Part Number	Qty	Description	Size	Comments
1	640500017	1	Lid, tank 12" Road Warrior		
2	640500018	8	Screw, tank lid		#6
3	640500008	1	Tank, 5.5 gallon		
4	640500004	1	Valve, knife		640100202 Ball Valve replaces 640500004. See Parts Bulletin #05-03.
5	640500009	1	Locking ring		2"

Item	Part Number	Qty	Description	Size	Comments
6	640500007	1	Gasket		2"
7	640500006	1	Drain head		2"
8	640500005	1	Gasket		2" BSP
9	640400012	1	Elbow street		1.25"
10	640500001	1	Plug		1/2"
11	640500000	1	Eductor, machined		
12	640000230	1	Elbow		1 1/2" X 90 DEG
13	640400014	1	Hose barb		1.5 NPT To 1.5 hose
14	915003300	4	Clamp		2" TC 231
15	640500003	1	Ball valve, bolted		1 1/4"
16	640400013	1	Hose barb		1.25 NPT To 1.5 hose
17	640500011	2	Bolt, hex head		5/16"-18 X 5/8"
18	640500002	1	Fitting, tee		1/2" male NPT to 1/2" hose barb
19	640500024	1	Hose		Bottle rinse
20	640500023	6	Clamp, hose		
21	640500016	2	Hose barb		1/2" male NPT to 1/2" hose barb
22					
23	640500015	1	Gasket		1"
24	640500014	1	Bottle, rinse head & base		
25	640500021	1	Valve, rinse		1/2" SS
26	640500022	2	Screw		10-32 X .375" SS
27	640500012	4	Bolt, hex head		1/4"-20 X 3/4" SS
28	640500013	4	Nut, flange		1/4"-20
29	640500010	1	"Frame, back mount		
30	640500020	1	Tank rinse assembly		
31	640500019	2	Hose barb, elbow		1/2" male NPT X 1/2" hose barb
32	640500025	1	Hose		Tank rinse
33	901003020	4	Nut, Nylock		3/8"-16 ZP
34	901003040	4	Nut, Nylock		1/2"-13 ZP
35	630100002	1	Eductor, bracket		
36	900003300	4	Bolt, hex head		1/2"-13 X 4 1/4" G5 ZP
37	900002815	4	Bolt, hex head		3/8"-16 X 1 G5 ZP
38	640500026	1	Hose		Feeder valve
39	630100008	1	Link, eductor lower	27" Long	
40	630100009	1	Pin, quick release		0.375" X 3.7"
41	630100004	2	Socket, ball		M6 X 10mm
42	630100005	2	Ball stud		5/16"-18 X 10mm
43	690000004	1	Bracket, product pump		
44	901-000510	2	Nut		5/16"-18ZP
45	630100003	1	Gas strut		120 lb X 7.87 stroke
46	630100001	1	Link, eductor upper	27" Long	
	640500028	1	Lance kit (not shown)		(not shown)

Station 3 Flowmeter • AS500, AS850, AS1000 & AS1200

FLOWMETER • AS500, AS850, AS1000 & AS1200 · FLOWMETER • AS500, AS850, AS1000 & AS1200 · FLOWMETER • AS500, AS850, AS1000 & AS1200 · FLOWMETER • AS500, AS850, AS1000 & AS1200 · FLOWMETER • AS500, AS850, AS1000 & AS1200

Flowmeter
AS500, AS850, AS1000 & AS1200

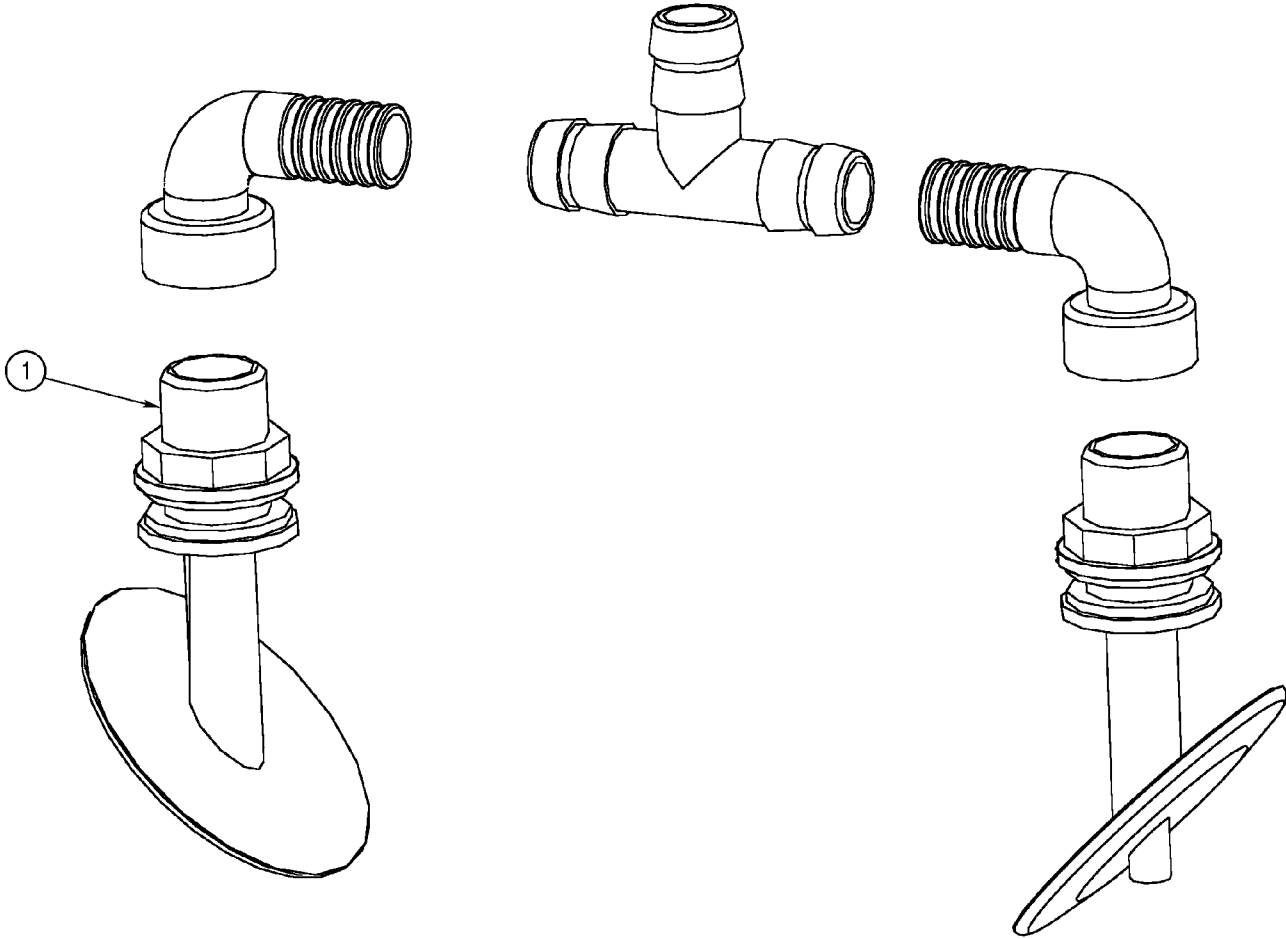


Item	Part Number	Qty	Description	Size	Comments
1	640100018	2	Hose barb		Standard port 1 1/2" barb
2	640100013	3	Clamp		Standard
3	640100014	3	Gasket		Standard
4	611000052	1	Flowmeter w/sensor		1 1/2" flanged. Remanufactured Part # 980000026.
5A	611000053	1	Servo valve		1 1/2" flanged. Remanufactured Part # 980000029.
5B	611000063	1	Cover, only for servo valve		
	611000074	1	Radar gun		Remanufactured Part # 980000027. Not Shown
	611000056	1	Raven drive shaft sensor for speed to 460		Not Shown
	611000057		Red magnet only		Not Shown
	611000058		Black magnet only		Not Shown

Station 3 Rotoflush • AS500, AS850, AS1000 & AS1200

ROTOFLUSH • AS500, AS850, AS1000 & AS1200 · ROTOFLUSH • AS500, AS850, AS1000 & AS1200 · ROTOFLUSH • AS500, AS850, AS1000 & AS1200 · ROTOFLUSH • AS500, AS850, AS1000 & AS1200 · ROTOFLUSH • AS500, AS850, AS1000 & AS1200 · ROTOFLUSH • AS500, AS850, AS1000 & AS1200

Rotoflush
AS500, AS850, AS1000 & AS1200

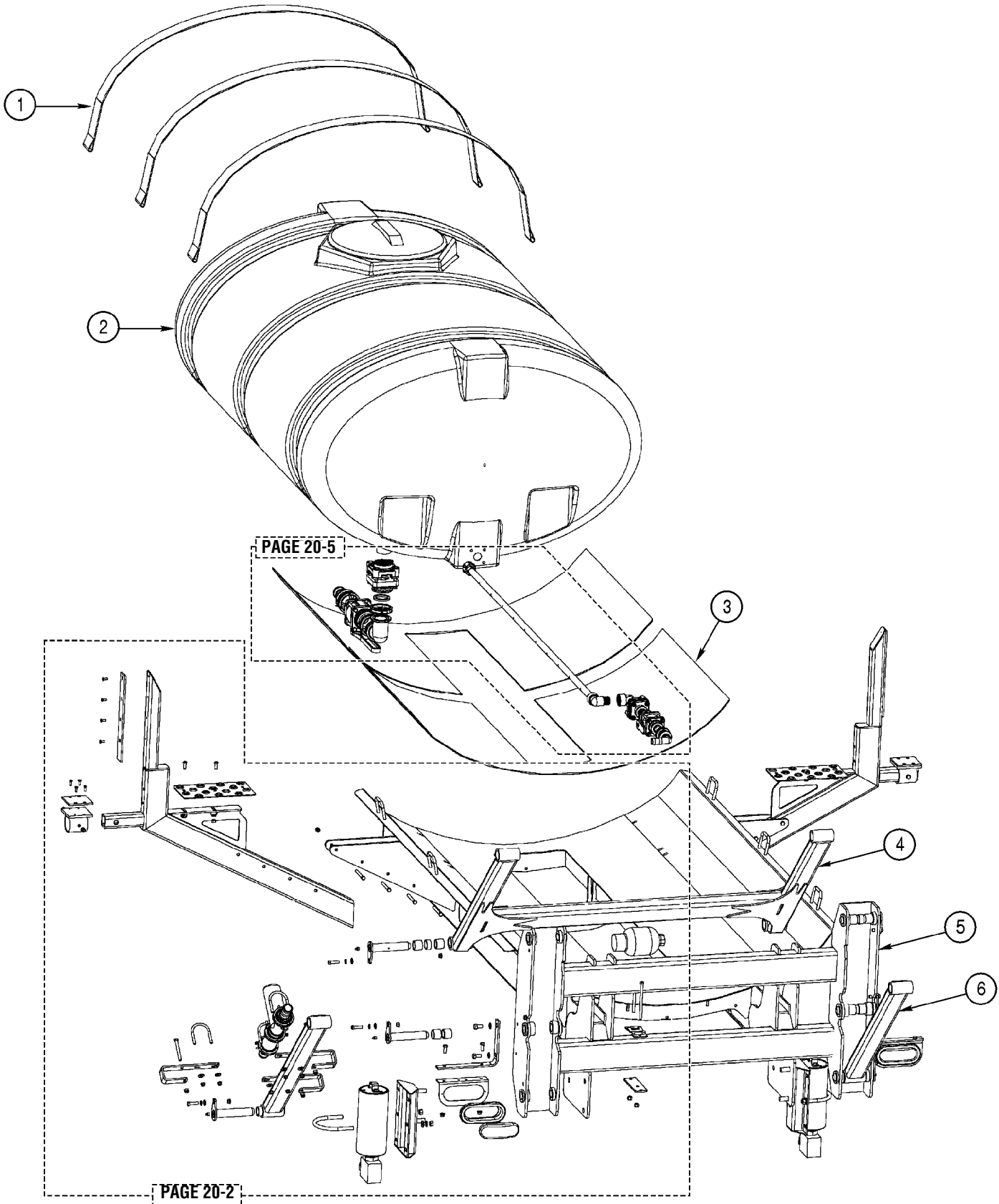


Item	Part Number	Qty	Description	Size	Comments
1	620000200	2	Roto flush assembly		For poly tanks only

Station 3 Product Tank • AS500

PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500

Product Tank
AS500



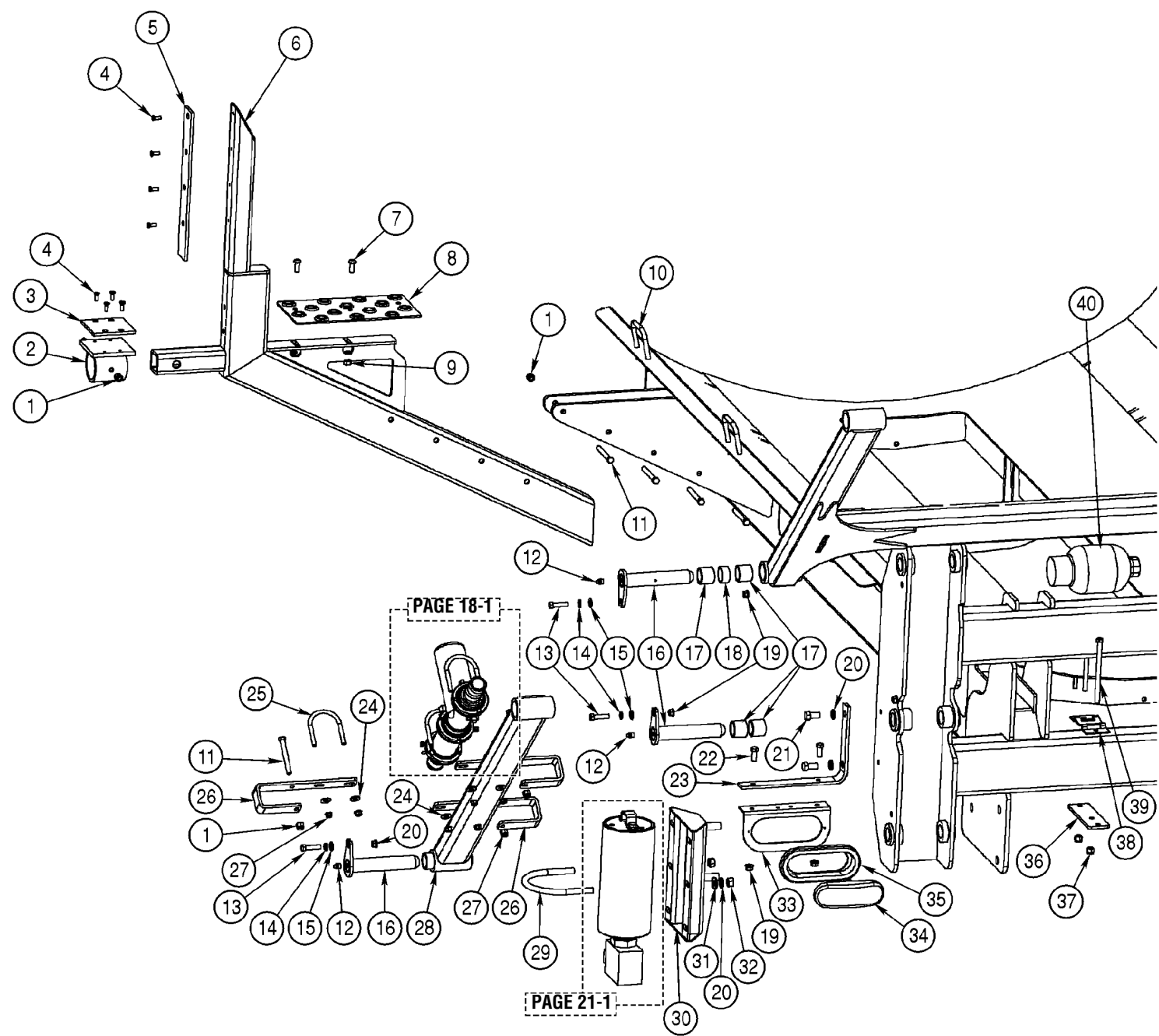
Item	Part Number	Qty	Description	Size	Comments
1	620007650	3	Tank strap		AS500
2	620000431	1	Tank, 500 gallon		Lid assembly 620005019; Lid o-ring 620005024; Lid gasket between tank and lid 620005025
3	620000116	2	Tank mat, rubber		
4	601000021	1	H-frame		
5	601000006	1	Tank skid		AS500
6	601000031	2	Parallel arm		
	600901402	2	Boom rack lift cylinders		Seal kit 600901404. If replacing both cylinders, order Kit K65000095. Not Shown



Station 3 Product Tank • AS500

PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500

Product Tank Detail 1



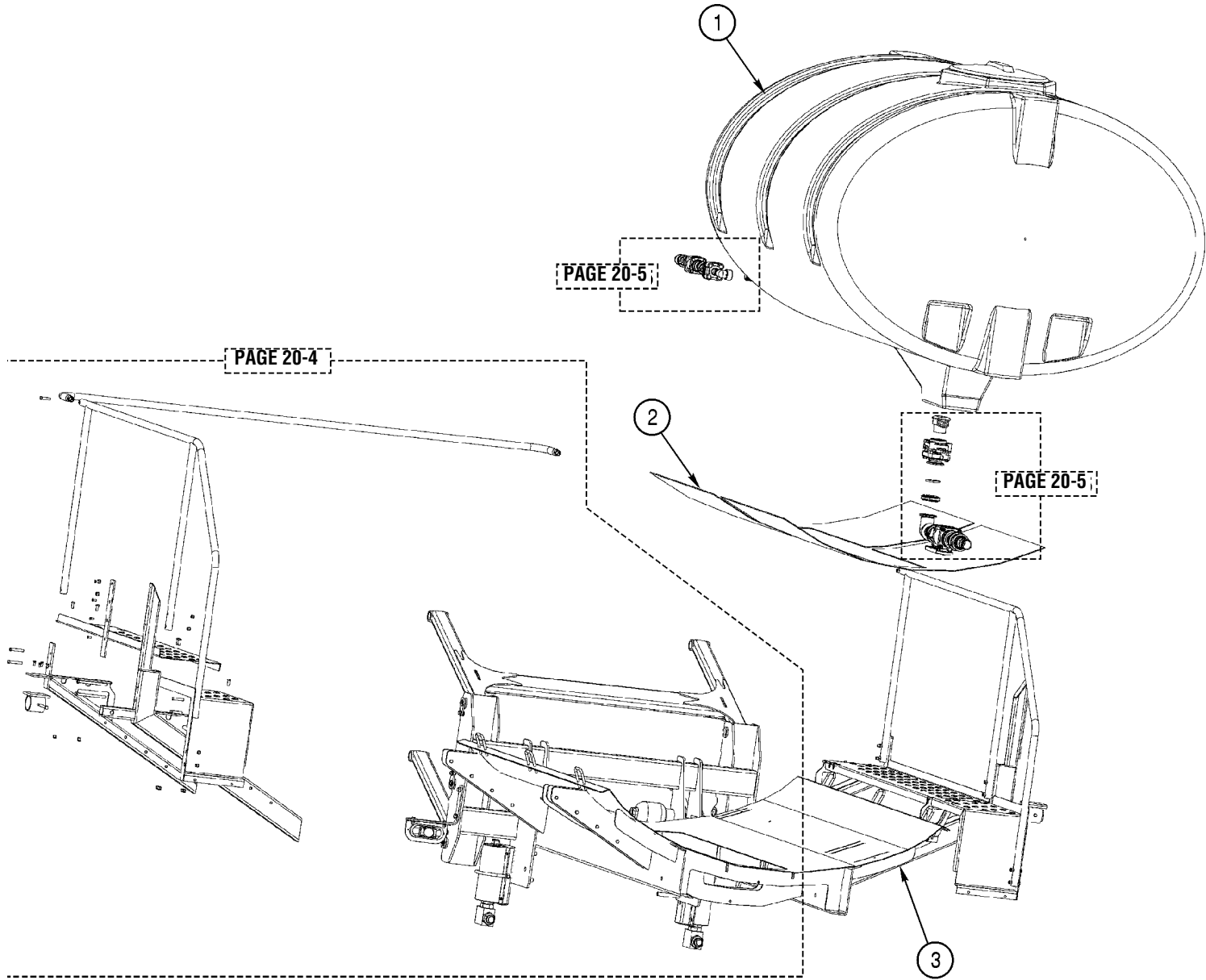
Item	Part Number	Qty	Description	Size	Comments
1	901101200	27	Nut, Nylock		3/8"-16 SS
2	620000856	2	Boom support rocker		
3	100200011	2	Wear pad		
4	900000020	16	Screw		1/4"-20 X 3/4" PH
5	100200012	2	Wear pad		
6	690000301	2	Boom support		
7	900003226	4	Capscrew, button head		3/8"-16 X 1"
8	620000869	1	Step		
9	901101200	11	Nut		3/8"-16 SS
10	915002525	6	U-bolt 3/8"-16		Nut # 901000726
11	900002875	13	Bolt		3/8"-16 X 3 1/2"
12	N/A	12	Grease zerk		
13	900002835	6	Bolt, hex head		3/8"-16 X 1 1/2" boom rack side
13A	900000400	6	Bolt, hex head		3/8"-16 X 1" tank skid side
14	902201090	12	Lock washer		3/8"
15	902003200	12	Washer, flat		3/8"
16	601000050	12	Flag pin		
17	601000040	24	Brass bushing		
18	601000041	8	Steel spacer		
19	901101201	10	Nut, flange		3/8"-16 G5 SS
20	902201100	8	Lock washer		1/2" ZP
21	900003225	4	Bolt, hex head		1/2"-13 X 1" G5 ZP
22	900002815	4	Bolt, hex head		3/8"-16 X 1" G5 ZP
23	190100300	2	Turn signal bracket		
24	902003040	6	Washer, flat		5/16" ZP
25	915002561	3	U-bolt		5/16" X 2 1/4"
26	890000114	3	Flow control bracket		
27	901101202	6	Nut, flange		5/16"-18
28	601000031	2	Parallel arm		
29	915022556	2	U-clamp		7/16-20 5 /12"
30	100106250	2	Accumulator bracket		
31	902003055	4	Washer, flat		1/2" ZP
32	901000540	4	Nut		1/2"-13 ZP
33	790000200	2	L bracket for 4070 series		
34	710000200	2	Lamp assembly		
35	N/A	2	Light rubber		Included w/ #43
36	890000113	1	Bottom accumulator bracket		
37	901003020	2	Nut		3/8"-16
38	N/A	1	Top accumulator bracket		
39	900008-166	2	Bolt		3/8"-16 X 6"
40	600901512	1	Boom rack accumulator		200-psi; Clamp 201200002
	600901402	2	Boom rack lift cylinders		Seal kit 600901404. If replacing both cylinders, order Kit K65000095. Not Shown

Station 3

Product Tank • AS850, AS1000 & AS1200

PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200

AS850, AS1000 & AS1200



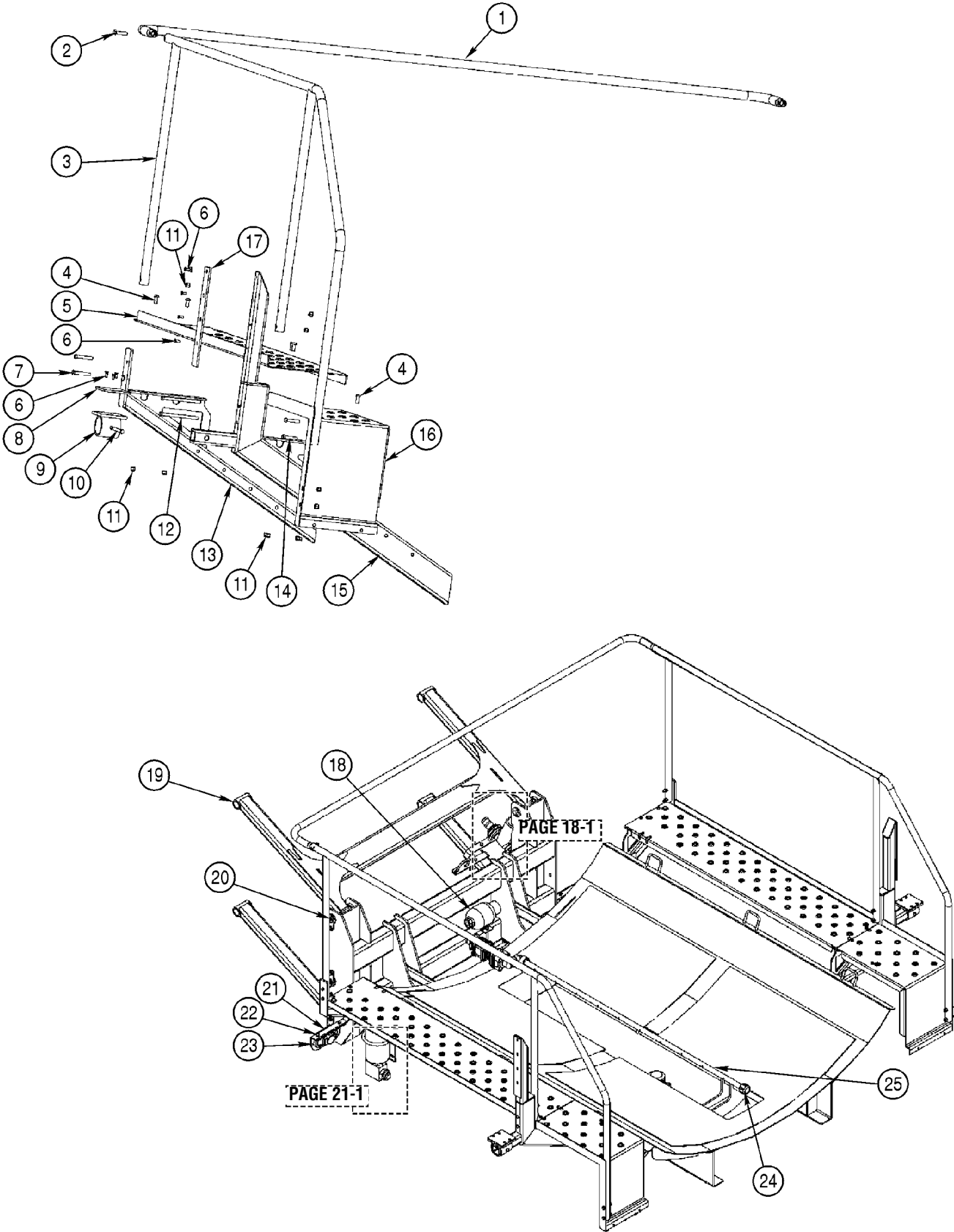
Item	Part Number	Qty	Description	Size	Comments
1A	620000434	1	Tank, 850 gallon elliptical poly		620007-655 tank strap; Lid assembly 620005019; Lid o-ring 620005024; Lid gasket between tank and lid 620005025
1B	620005011	1	Tank, 850 gallon stainless		
1C	620000432	1	Tank, 1000 gallon elliptical poly		620007-654 tank strap; Lid assembly 620005019; Lid o-ring 620005024; Lid gasket between tank and lid 620005025
1D	620008001	1	Tank, 1000 gallon stainless		Seal for lid 620005007
1E	620005013	1	Tank, 1200 gallon stainless		Seal for lid 620005007
2	620000116	2	Rubber mat		
3A	601000000	1	Skid, tank 850 gallon		
3B	601000005	1	Skid, tank 1000-1200 gallon		
	600901402	2	Boom rack lift cylinders		Seal kit 600901404. If replacing both cylinders, order Kit K65000095. Not Shown

Station 3

Product Tank • AS850, AS1000 & AS1200

PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200 • PRODUCT TANK • AS850, AS1000 & AS1200

Product Tank Detail 1



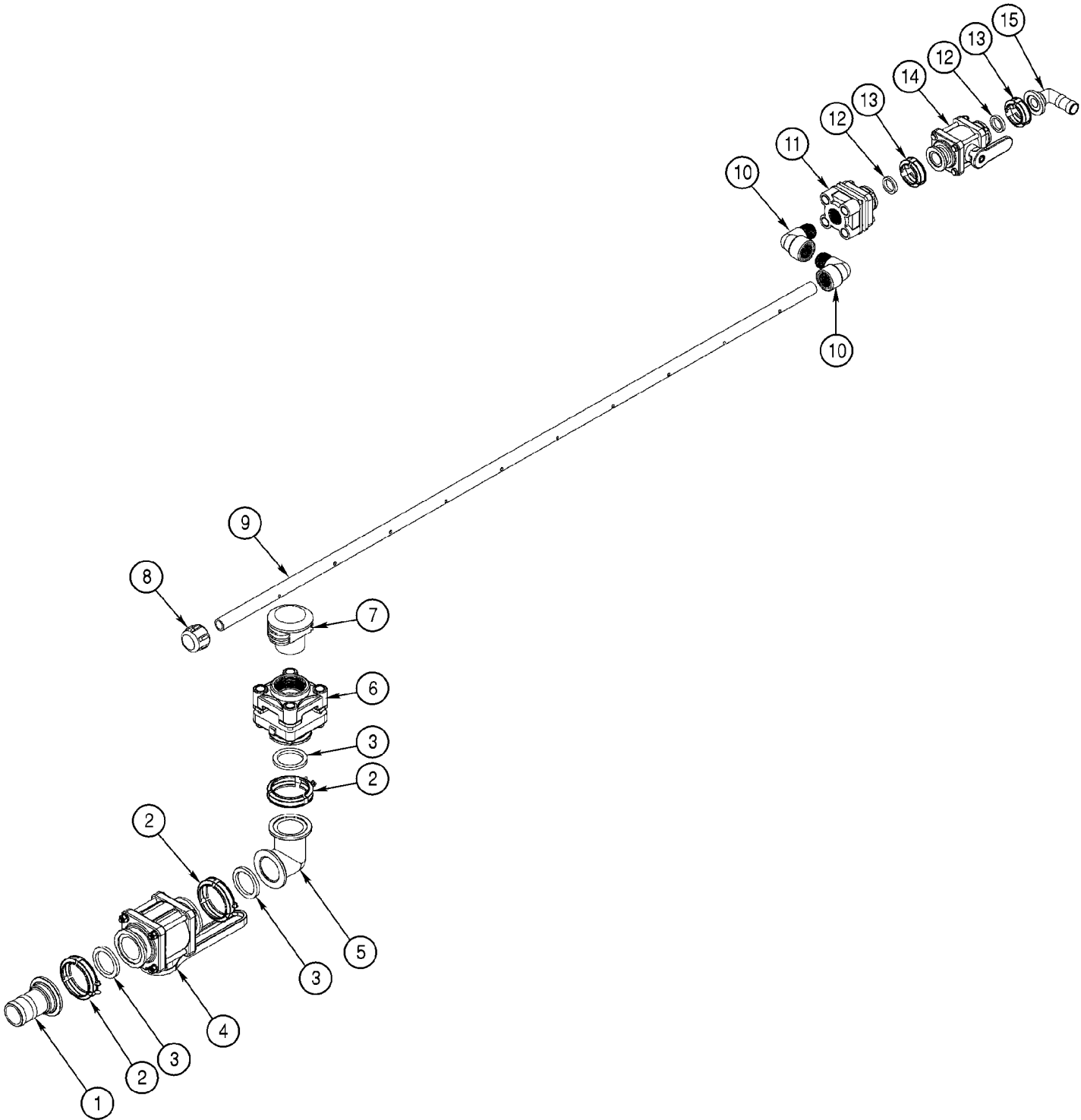
Item	Part Number	Qty	Description	Size	Comments
1	690004106	1	Hand rail, rear skid		
2	900002912	6	Bolt		3/8"-16 X 1 3/4"
3	690004107	2	Hand rail		
4	900003-226	14	Capscrew, button head		3/8"-16 X 1"
5	620000866	1	Catwalk plate, right side		
6	903018781	16	Screw, FSMS		1/4"-20 X 3/4" SS
7	900002855	4	Bolt		3/8"-16 X 2 1/2" G5 ZP
8	100200011	2	Wear strip boom support		
9	620000856	2	Boom support rocker		
10	900002875	22	Bolt		3/8"-16 X 3 1/2"
11	901003020	53	Nut, Nylock		3/8"-16
12	900002911	4	Bolt		3/8"-16 X 5 3/4"
13	690000302	2	Catwalk support		
14	900002845	4	Bolt		3/8"-16 X 2"
15	690000301	2	Support boom, short		
16	620001857	1	Step, catwalk right		
17	100200012	2	Wear strip boom, support vert		
18	600901512	1	Accumulator, boom rack		200 PSI; Clamp 201200003
19	601000021	1	H-bar		
20	601000050	12	Flag pin		
21	190100300	2	Turn signal bracket		
22	900002815	4	Bolt		3/8"-16 X 1" G5 ZP
23	790000200	2	L bracket for 4070 series		
24	640000100	1	Cap, 1" poly		
25	RM800860	75"	Agitation tube		
	620001858	1	Step support bracket left		Not shown
	620001859	1	Step support bracket right		Not shown
	620000859	1	Catwalk plate, left side		Not shown
	620001856		Step, catwalk left		Not shown
	600901402	2	Boom rack lift cylinders		Seal kit 600901404. If replacing both cylinders, order Kit K65000095. Not Shown

Station 3

Product Tank • AS500

PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500 • PRODUCT TANK • AS500

AS500, AS850, AS1000 & AS1200
Product Tank Plumbing

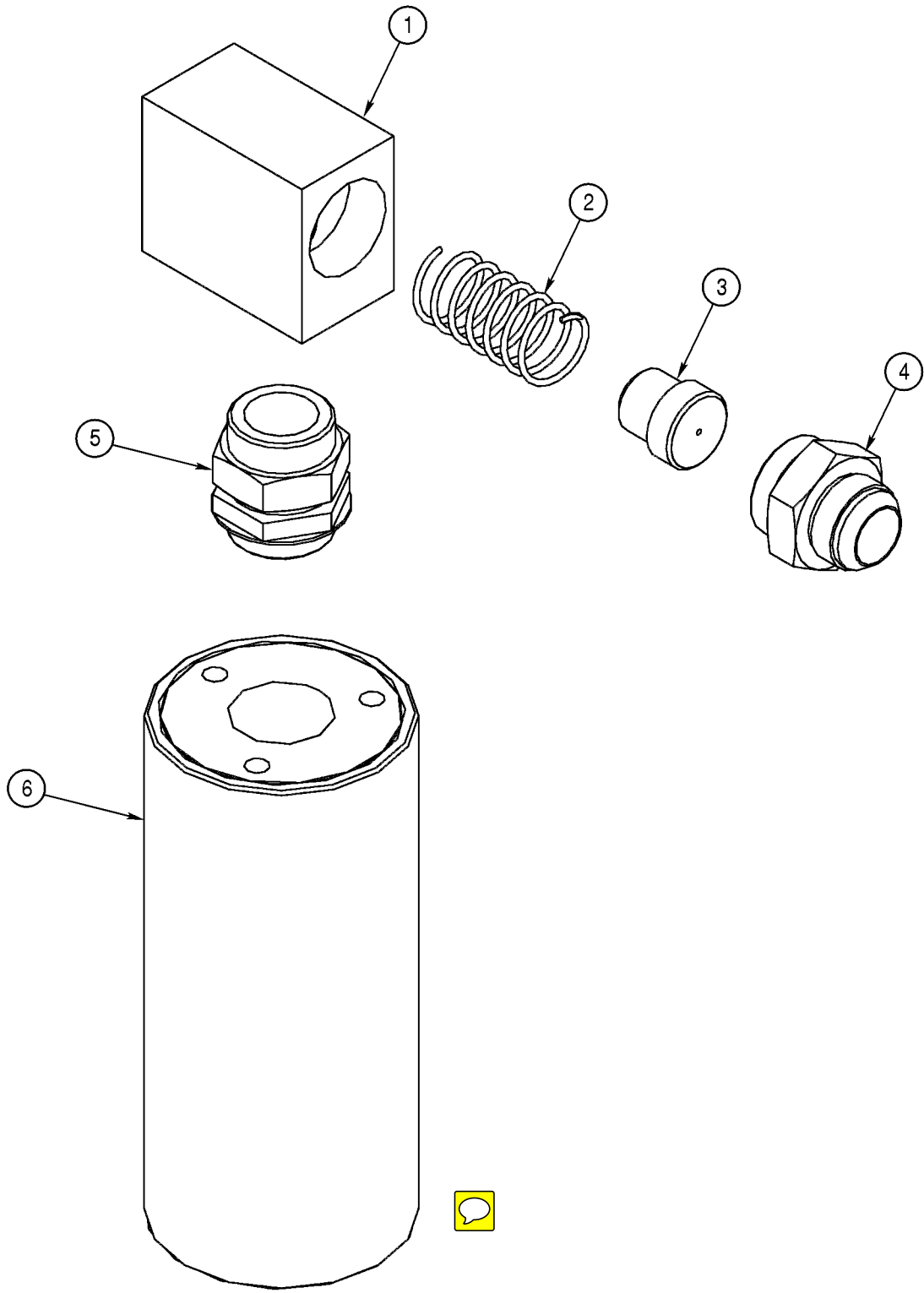


Item	Part Number	Qty	Description	Size	Comments
1	640100005	1	2" full port hose barb straight		
2	640100011	3	2" full port clamp		
3	640100012	3	2" full port gasket		
4	640100001	1	2" full port valve		
5	640100003	1	2" full port 90 elbow		
6	640100054	1	2" full port bottom drain		
7	640100030	1	Anit siphon valve		
8	640000100	1	1" Cap		
9	RM800860	75"	1" Black poly pipe		1/4" holes drilled every 9" all the way through
10	640100023	1	1" Elbow		
11	640100075	1	1" bottom drain		
12	640100016	2	1" gasket		
13	640100015	2	1" clamp		
14	640100017	1	1" ball valve flanged		
15	640100023	1	1" hose barb flanged 90		

Station 3 Accumulator • AS500, AS850, AS1000 & AS1200

ACCUMULATOR • AS500, AS850, AS1000 & AS1200 • ACCUMULATOR • AS500, AS850, AS1000 & AS1200 • ACCUMULATOR • AS500, AS850, AS1000 & AS1200 • ACCUMULATOR • AS500, AS850, AS1000 & AS1200 • ACCUMULATOR • AS500, AS850, AS1000 & AS1200 • ACCUMULATOR

Rear Suspension Accumulator
AS500, AS850, AS1000 & AS1200



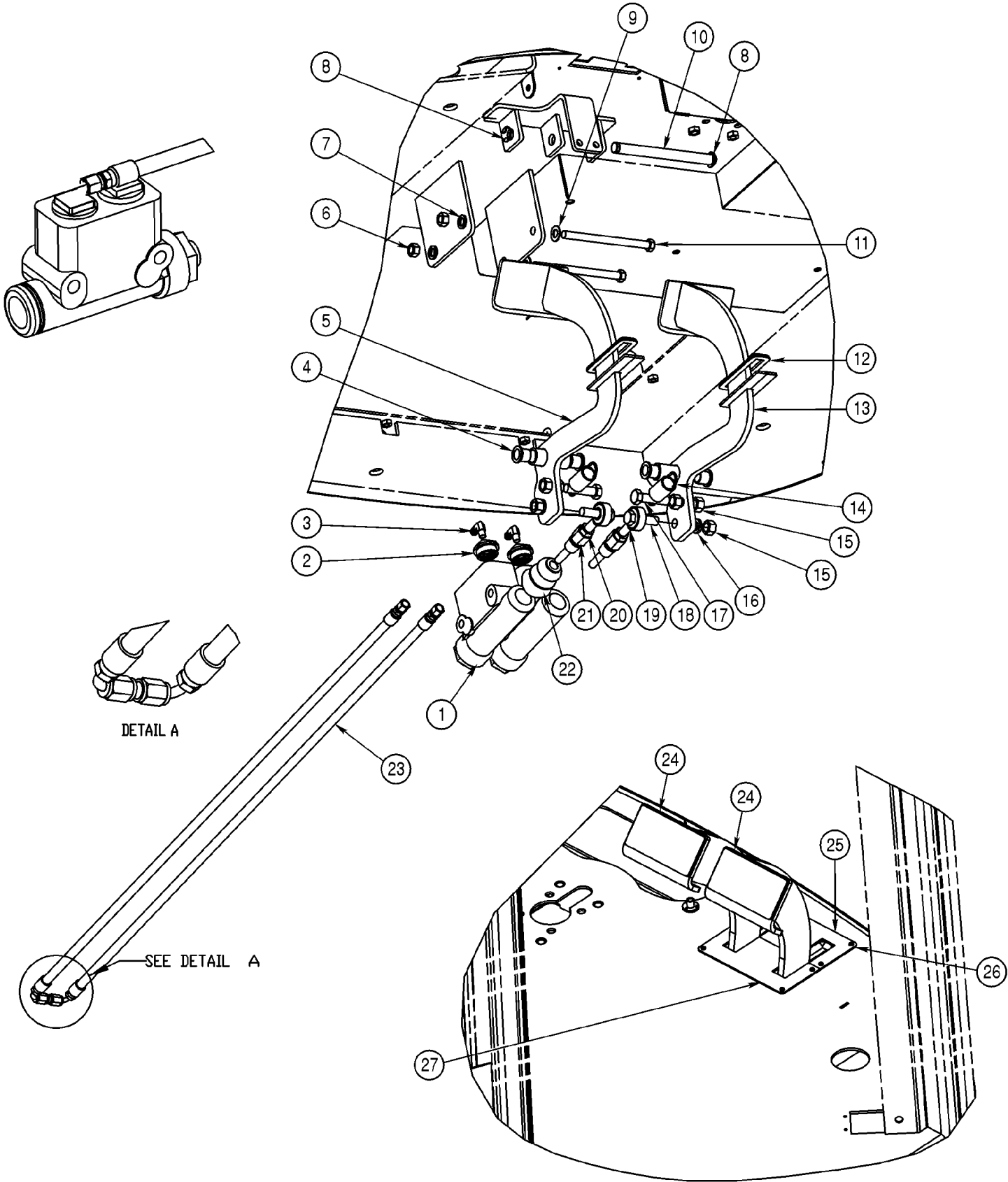
Item	Part Number	Qty	Description	Size	Comments
1	100106140	1	Valve, flow control		
2	100106130	1	Spring, flow control		
3	100106150	1	Piston, flow control		
4	800302450	1	Fitting		
5	800302190	1	Fitting		
6	100106053	1	Accumulator		Charged at 700PSI of nitrogen

Station 3

Brake System • AS500, AS850, AS1000 & AS1200

BRAKE SYSTEM • AS500, AS850, AS1000 & AS1200 · BRAKE SYSTEM • AS500, AS850, AS1000 & AS1200 · BRAKE SYSTEM • AS500, AS850, AS1000 & AS1200 · BRAKE SYSTEM • AS500, AS850, AS1000 & AS1200 · BRAKE SYSTEM • AS500, AS850, AS1000 & AS1200

Brake System
AS500, AS850, AS1000 & AS1200

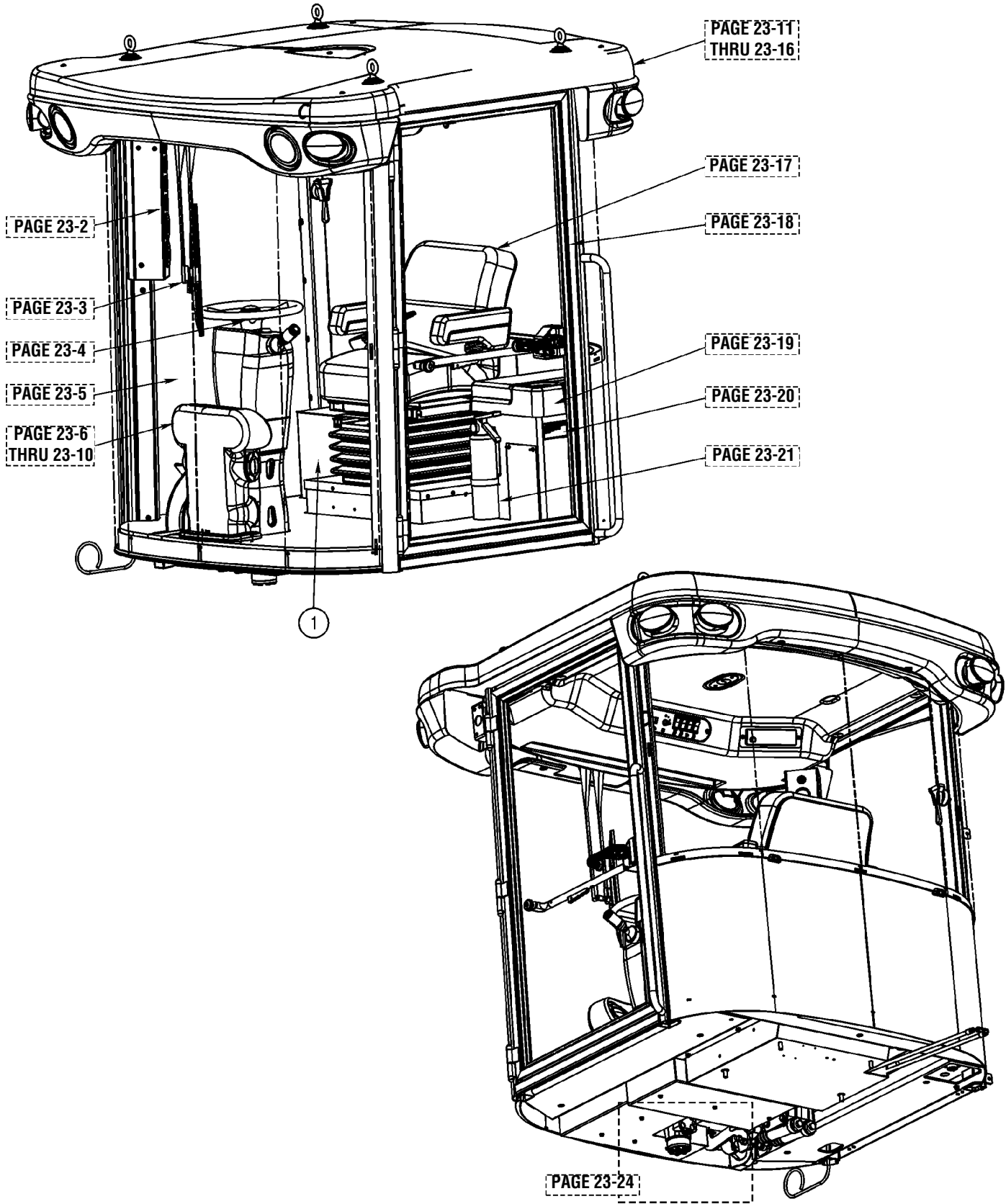


Item	Part Number	Qty	Description	Size	Comments
1	301301100	2	Valve, brake		
2	400000394	2	Filler plug, brake valve		
3	400000396	2	Fitting		1/8 NPTFX 1/4"-37 DEG FL JIC90
4	400000399	4	Bushing, w/flange		Oil impregnated bronze
5	400000378	1	Brake pedal, right		
6	400000386	2	Nut		7/16"-14 Hex G8
7	400000390	2	Washer, lock		7/16"
8	400000397	2	Circlip		
9	400000391	2	Washer, flat		7/16"
10	400000381	1	Pin, brake pedal		
11	400000393	2	Bolt		7/16"-14 X 6.00 G8
12	400000384	2	Seal, brake pedal		
13	400000377	1	Brake pedal, left		
14	400000398	2	Spring, extension		
15	400000387	6	Nut		1/2"-13 G8
16	400000388	2	Washer, lock		1/2"
17	400000385	2	Bolt		1/2"-13 X 2.00 G8
18	400000395	2	Spherical rod end		1/2"-20
19	400000389	2	Bolt		1/2"-13 X 1 3/4 G8
20	400000392	2	Jam nut		1/2"-20
21	400000627	2	Push rod, brake		
22	400000626	2	Boot, brake valve		
23	400000383	2	Hose assy, brake		
24	400000382	2	Pad, brake pedal		
25	400000379	1	Brake pedal trim plate, front		
26	400000333	8	Rivet		1/8" Pop X .19-.25
27	400000380	1	Brake pedal trim plate, rear		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200

Cab
AS500, AS850, AS1000 & AS1200

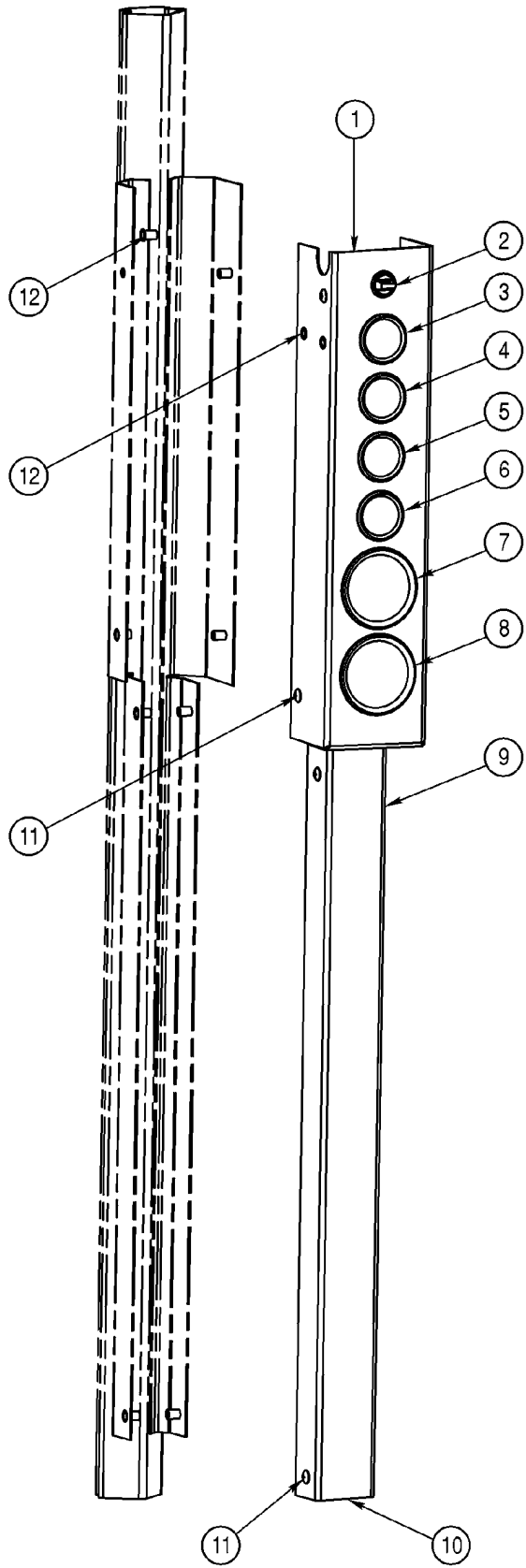


Item	Part Number	Qty	Description	Size	Comments
1A	400000639	1	Electrical box		
1B	400000640	1	Lid, electrical box		
1C	700100101	1	Bussman box		
1D	700100102	A/R	Fuse, 15 Amp		
1E	700100103	A/R	Fuse, 20 Amp		
1F	700100104	A/R	Fuse, 30 Amp		
1G	700100105	A/R	Relay, 20 Amp		
1H	700100106	A/R	Relay, 30 Amp		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200

Gauge Panel

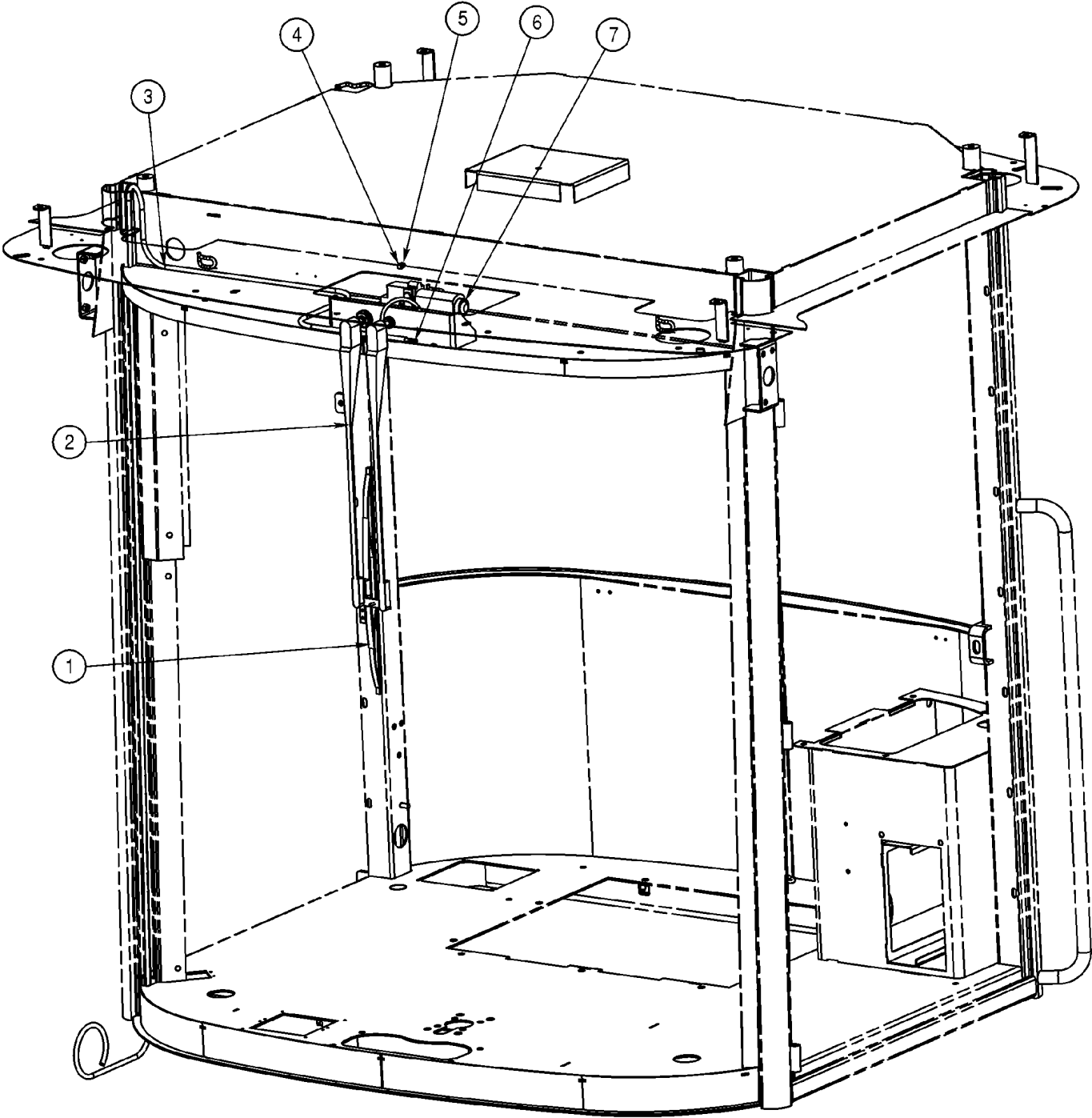


Item	Part Number	Qty	Description	Size	Comments
1	400000428	1	Panel, gages		
2	400000549	1	Power point, 12V power, w/cap		
3	720300050	1	Gage, voltage indicator		
4	720300060	1	Gage, water temperature		
5	720300070	1	Gage, oil pressure		
6	720300040	1	Gage, fuel level		
7	400000630	1	Gage, tachometer/LCD hour meter		
8	720300020	1	Gage, speedometer w/tripodometer		
9	400000426	1	Harness, gage panel		
10	400000427	1	Cover, gage panel wire		
11	400000347	8	Bolt		1/4"-20 X 5/8" G5
12	400000348	10	Rivet nut		1/4"-20

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200

Wiper System

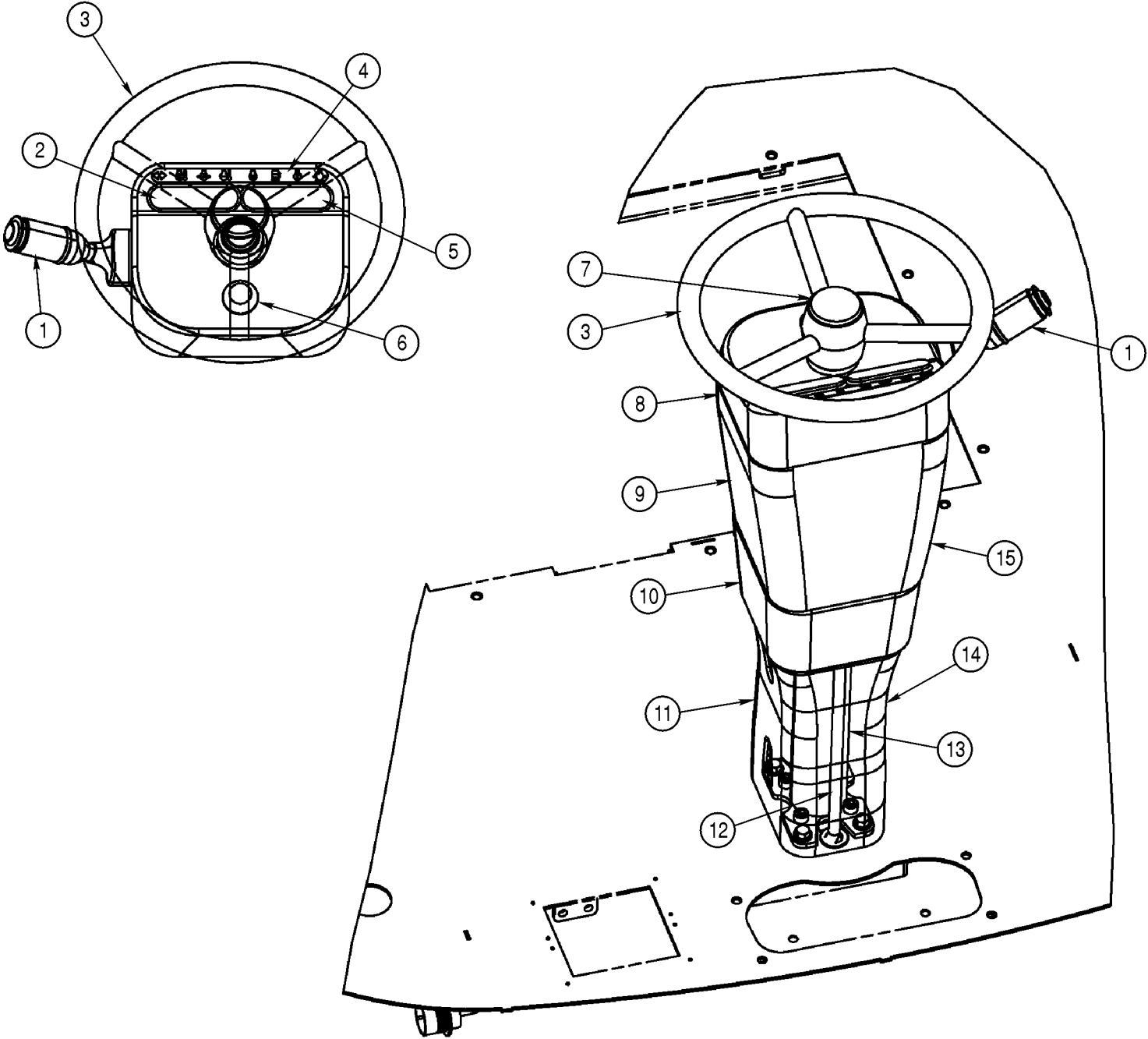


Item	Part Number	Qty	Description	Size	Comments
1	400000331	1	Blade, wiper		450MM long
2	400000330	1	Arm, wiper		550MM wet
3	400000332	1	Hose, windshield wash		Order per foot
4	400000327	1	Bolt		#10-24 X 1/2"
5	400000326	1	Nut		#10-24 G5
6	400000328	1	Splice, washer hose		
7	400000329	1	Motor, wiper, 2 SPD		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200

Steering Column

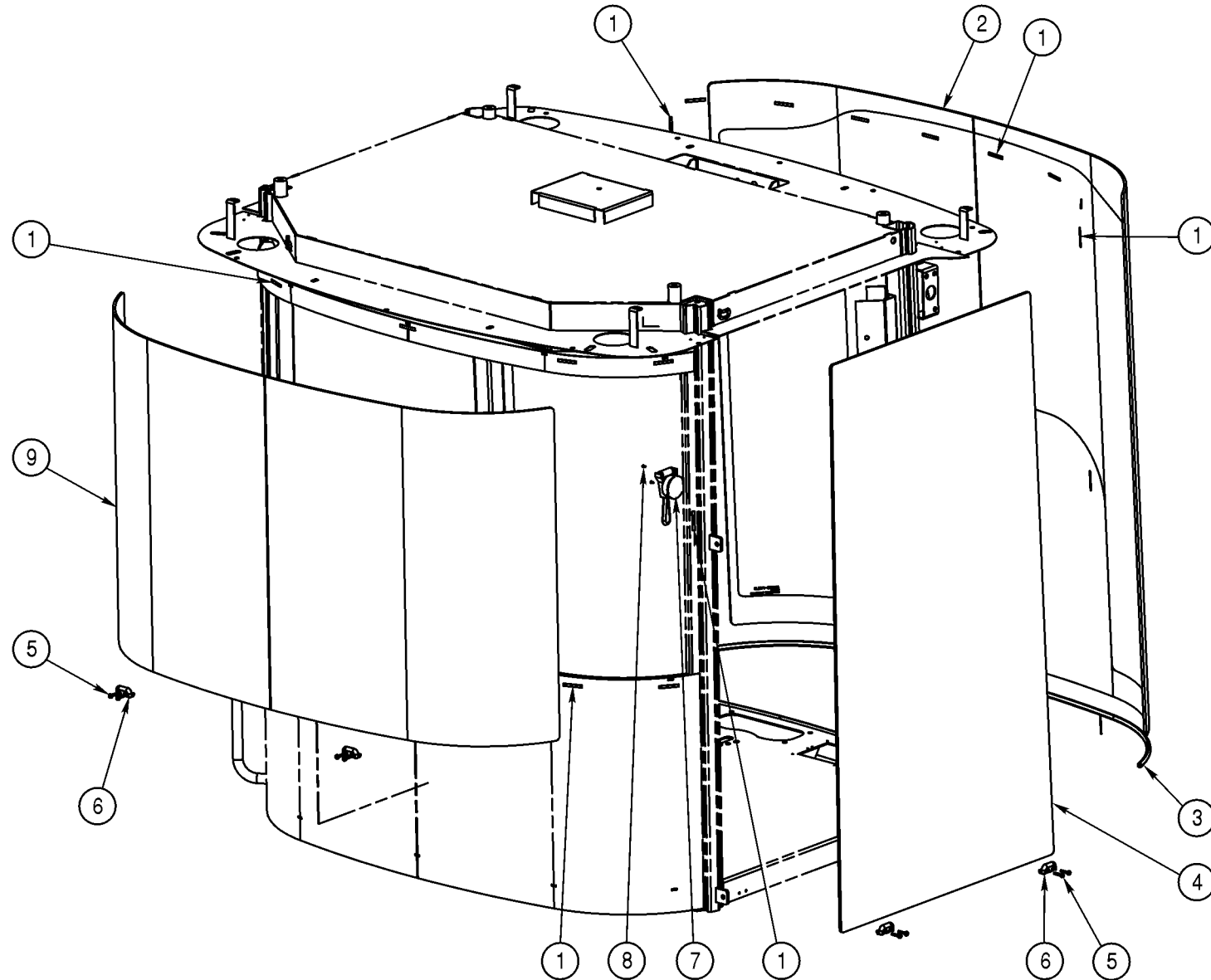


Item	Part Number	Qty	Description	Size	Comments
	400000420	1	Steering column assy		
1	400000485	1	Switch, lever		
2	400000482	1	Warning light module		
3	400000495	1	Steering wheel		
4	400000421	1	Decal		
5	400000483	1	Warning light module		
6	400000484	1	Switch, hazard		
7	400000496	1	Steering wheel cap		
8	400000488	1	Plastic cover, upper		
9	400000489	1	Plastic cover, upper left		
10	400000493	1	Rubber boot		
11	400000491	1	Plastic cover, lower left		
12	400000494	1	Harness		
13	400000487	1	Main shaft		
14	400000492	1	Plastic cover, lower right		
15	400000490	1	Plastic cover, upper right		
	400000486	1	Switch, ignition		Not shown
	420501006		Keys, ignition & door		Two keys per order. Not Shown

Station 3

[illegible]

Glass Assembly

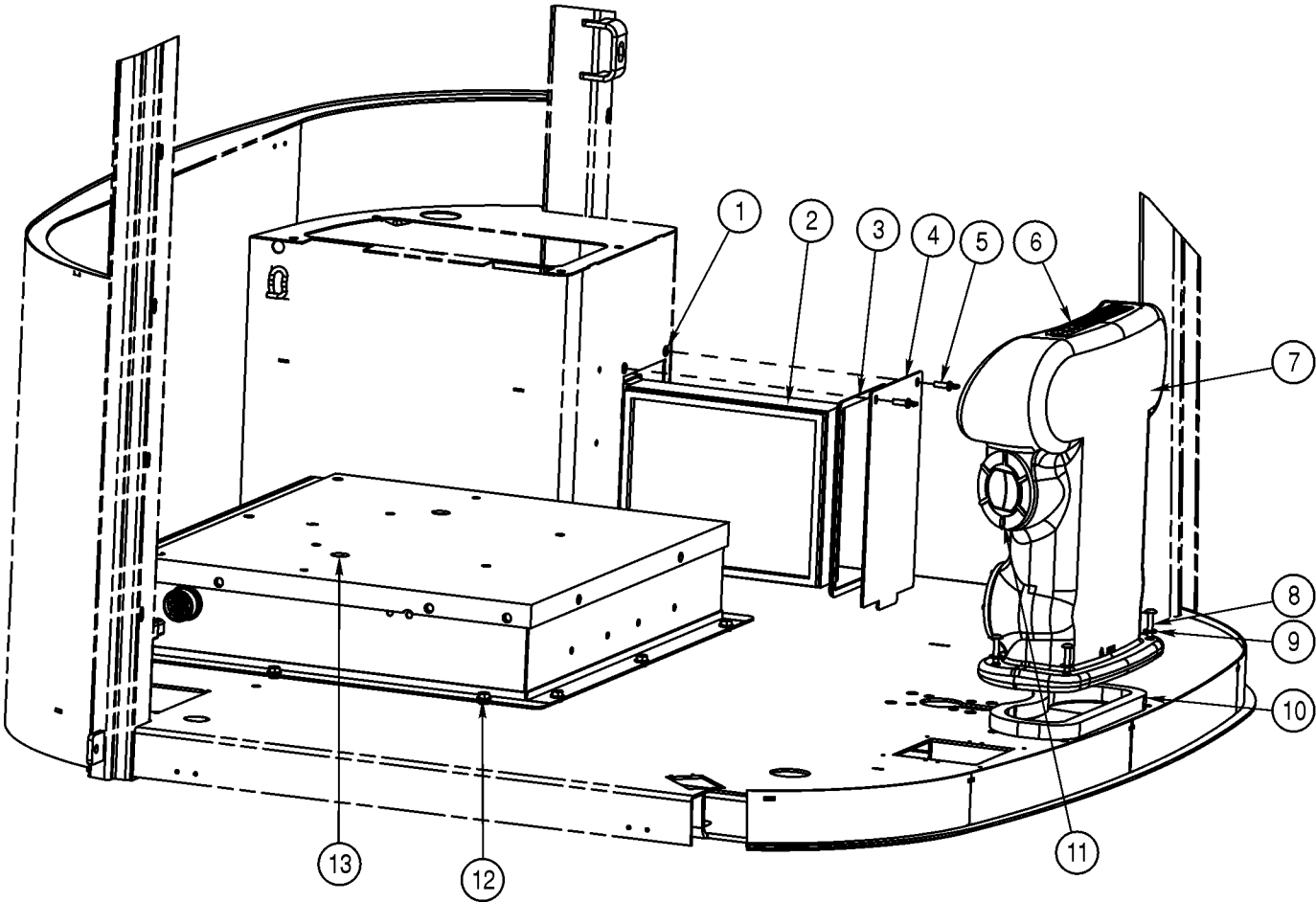


Item	Part Number	Qty	Description	Size	Comments
1	400000337	25	Block, setting		.06 X .25 X 2.00
2	400000715	1	Glass, front, curved		
3	400000636	1	Trim, lower window edge		
4	400000307	1	Glass, RH		
5	400000335	8	Screw		#10-32 X 1.00"
6	400000334	4	Window clip		Glued-in windows
7	400000336	1	Emergency exit hammer w/cable		
8	400000333	2	Rivet		1/8" DIA
9	400000716	1	Glass, rear curved		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200

Air Assembly

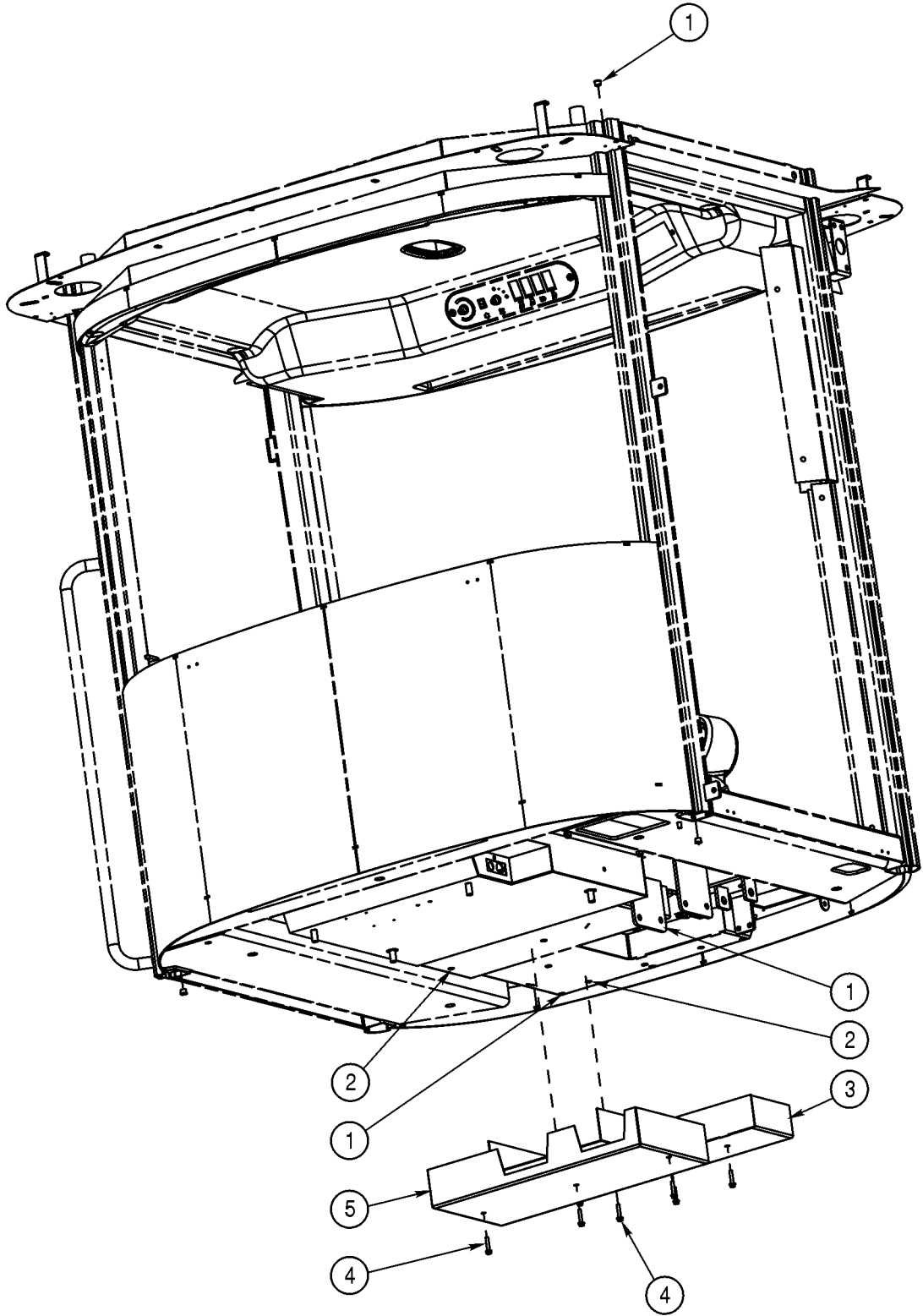


Item	Part Number	Qty	Description	Size	Comments
1	400000348	9	Retainer		1/4"-20, Round .391 x .03-.17
2	490003650	1	Air filter, carbon		K65000066 filter kit includes both cab filters
3	400000411	1	Seal, filter access cover		
4	400000408	1	Cover, filter access		
5	400000401	2	Thumb screw		1/4"-20 X 3/4"
6	400000406	1	Louver, fixed vain		1.06" X 8.57"
7	400000413	1	Air duct, plastic		
8	400000402	4	Bolt		1/4"-20 X 1 1/4" G5
9	400000407	4	Washer, flat		1/4"
10	400000414	1	Seal, air duct		
11	400000598	6	Louver, flat round		2 1/2 "
12	400000403	10	Bolt		5/16"-18 X 3/4"
13	400000410	1	HVAC, air system		AC/Heat 12V

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200

Air Assembly

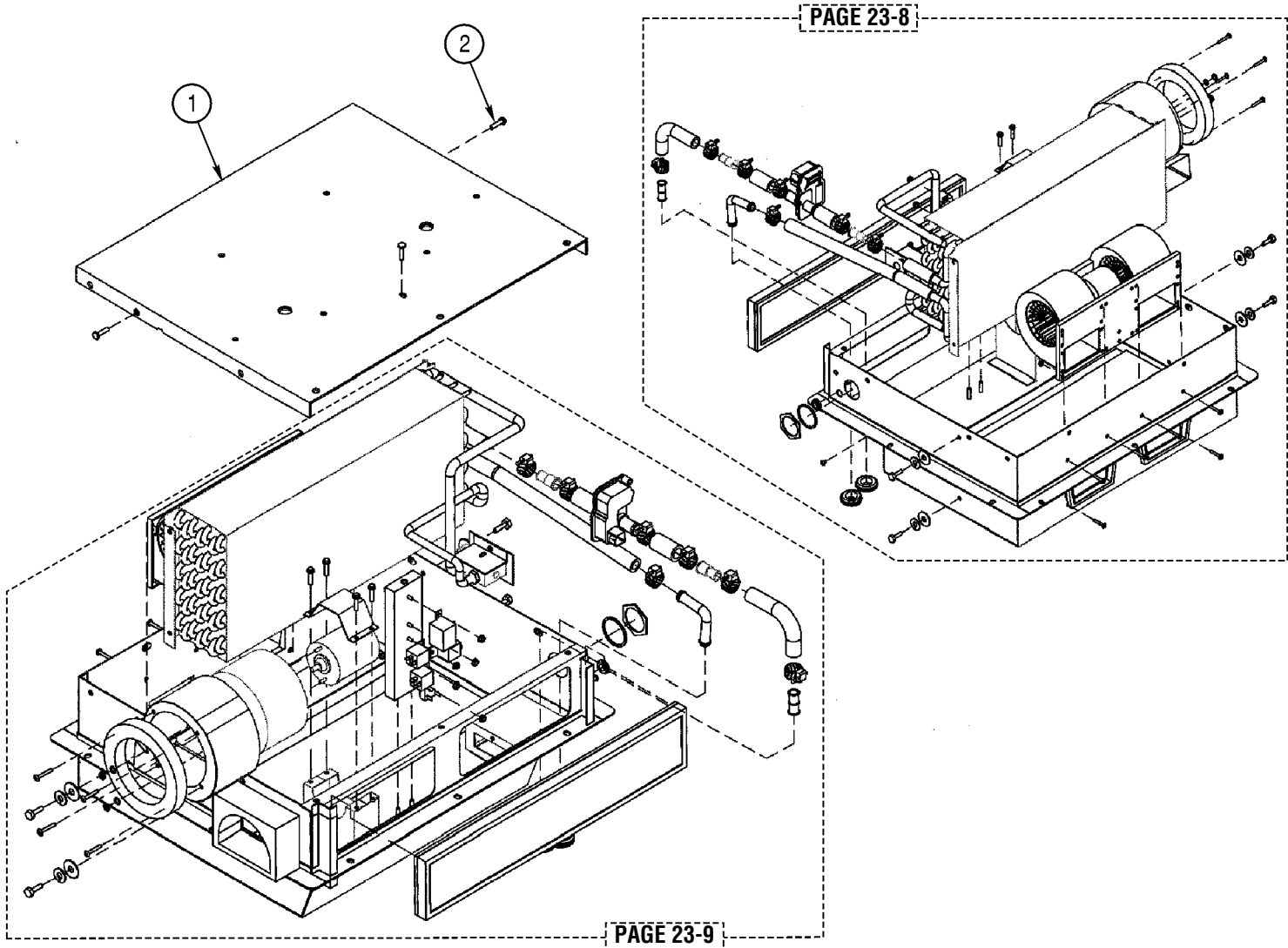


Item	Part Number	Qty	Description	Size	Comments
1	400000400	7	Plug, round		1/2" X .03-.13
2	400000348	9	Retainer		1/4"-20, Round .391 x .03-.17
3	400000412	1	Front plenum cover		
4	400000404	7	Bolt		1/4"-20 X 1 1/4"
5	400000409	1	Plenum cover		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200

Air Assembly

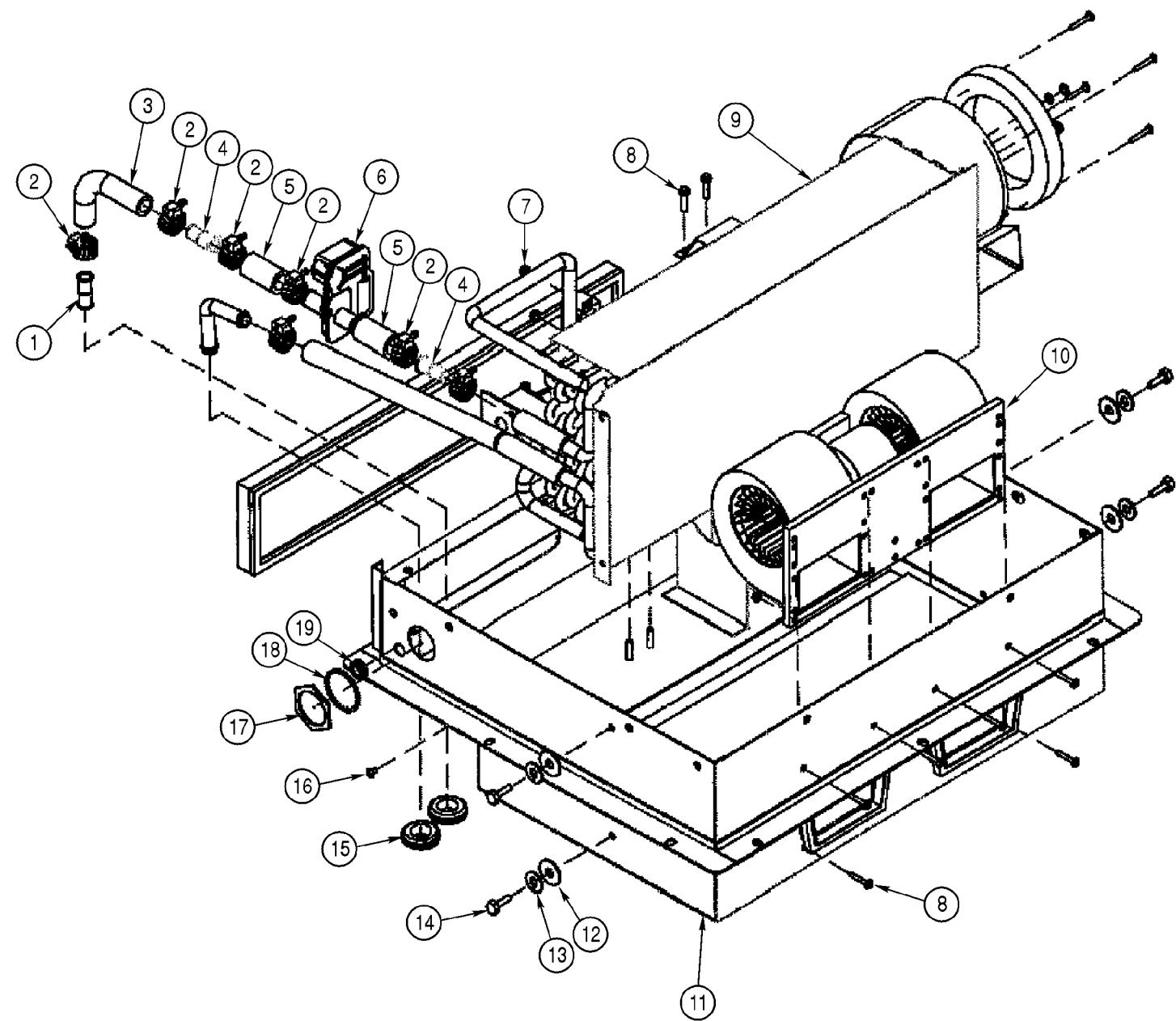


Item	Part Number	Qty	Description	Size	Comments
1	400000410	1	Air system, A/C/Heat		Complete
2	400000436	3	Bolt, M8 X 1.25 Flt PH		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200

Air Assembly Detail 1

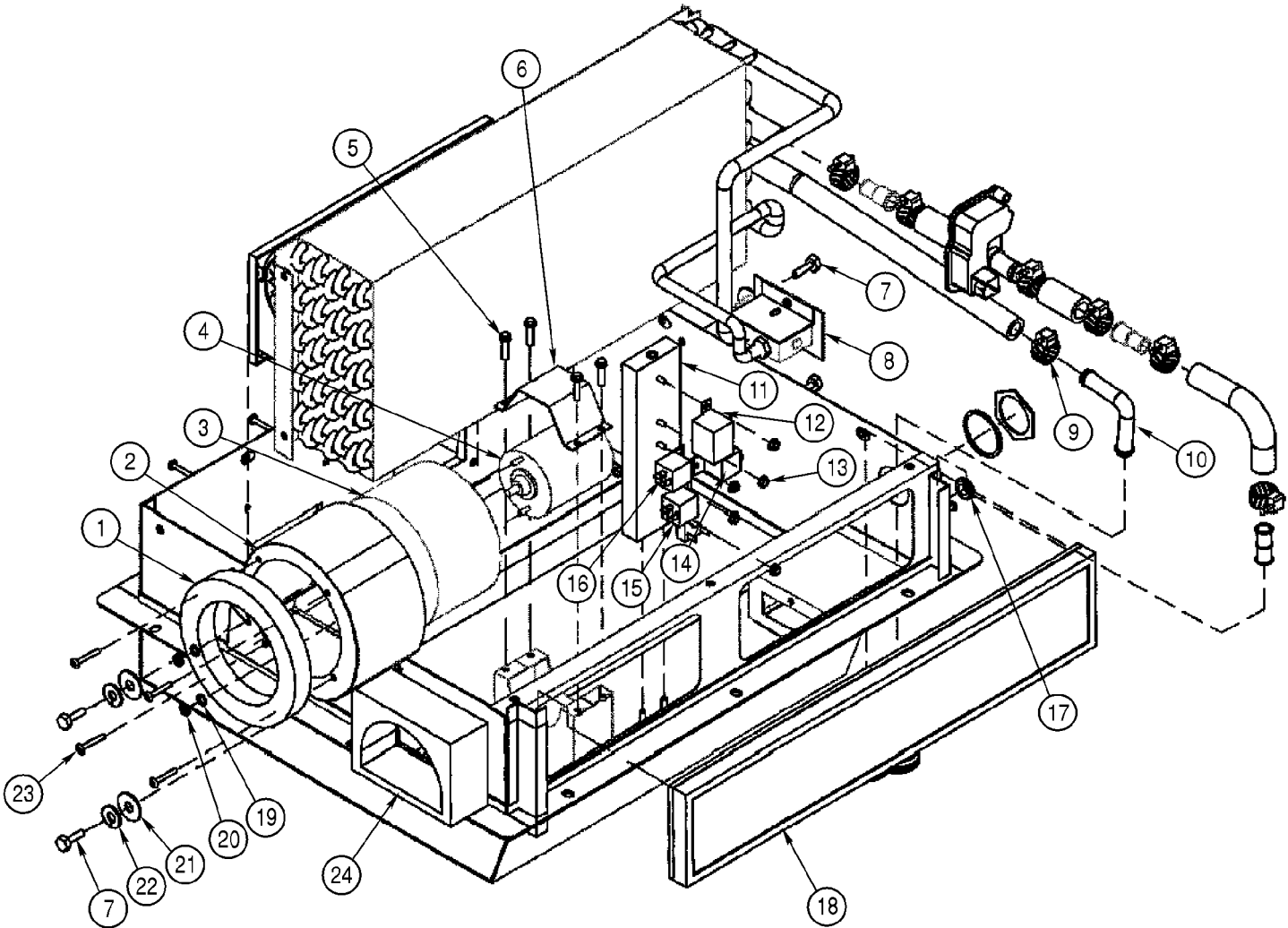


Item	Part Number	Qty	Description	Size	Comments
1	400000542	1	Splicer, 5/8 X 5/8		Water Hose
2	400000459	7	Clamp, Hose		
3	400000461	1	Formed Hose		
4	400000478	2	Reducer Splice 3/4 - 5/8		
5	400000476	2	Cut Hose, 3/4		
6A	400000465	1	Valve Replacement Kit		Only use this kit if the machine has an on/off switch for the a/c on the control panel.
6B	400000464	1	Water Valve		Used on cabs without on/off A/C switch
7	400000326	5	Nut, #10-24		
8	400000327	10	Screw #10-24		
9	400000474	1	Coil Assy		
10	400000537	1	Blower		
11	400000410	1	Complete Air System Assy		
12	902003035	4	Washer, Flat 1/4		
13	902201085	4	Washer, Lock 1/4		
14	400000347	4	Bolt 1/4-20 HD		
15	400000648	2	Grommet		
16	400000327	1	Screw #10-24 Sems		
17	400000643	1	Deutz Nut		
18	400000642	1	Washer 1.875 ID 2.125 OD		
19	400000645	1	Grommet		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Air Assembly Detail 2

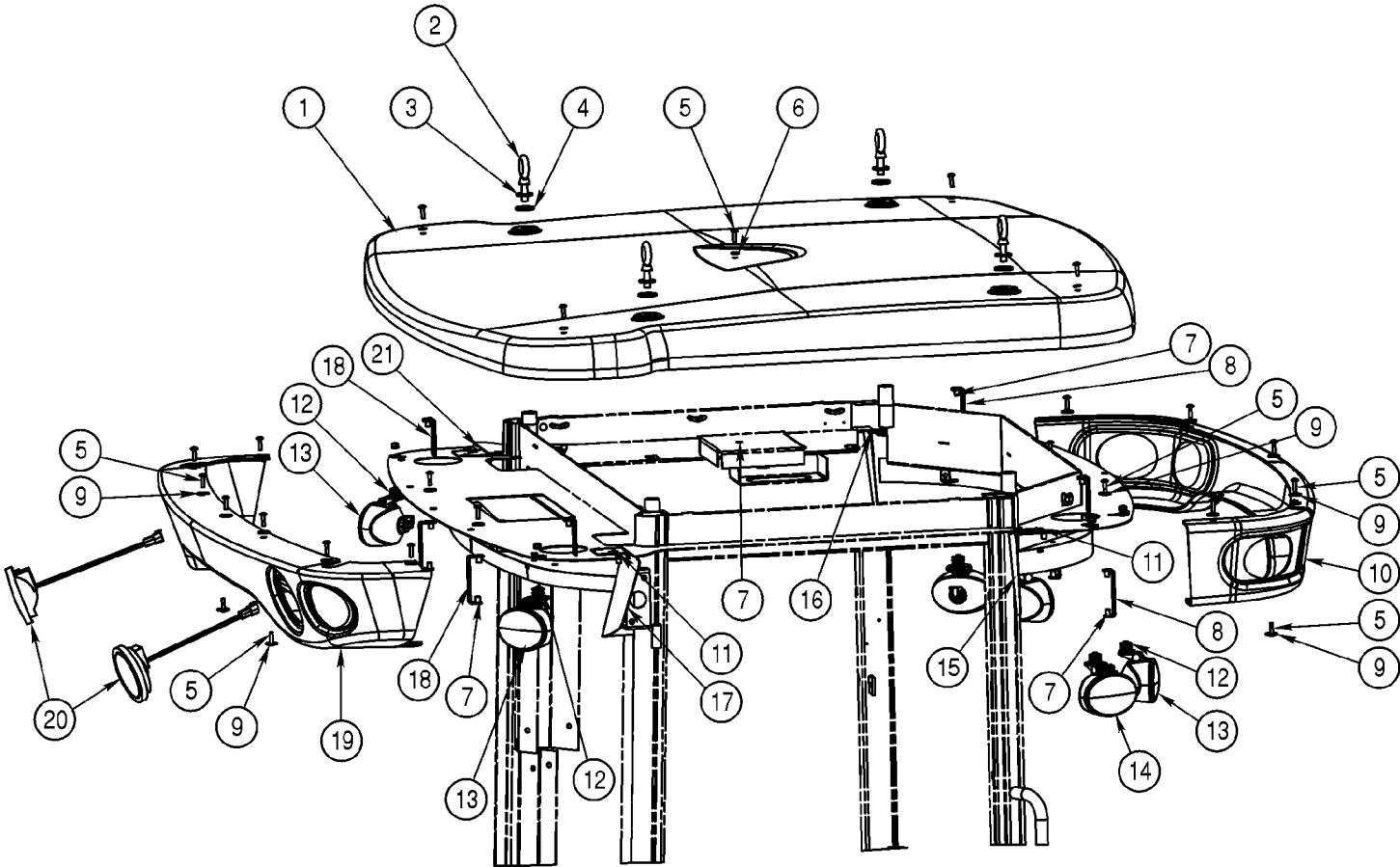


Item	Part Number	Qty	Description	Size	Comments
1	400000644	1	Round Foam Seal		
2	N/A	1	Included with # 3		Scroll W/A
3	400000538	1	Wheel, Blower Fan		Squirrel Cage Fan
4	400000536	1	SD Blower Motor Assy		
5	400000327	10	Screw #10-24		
6	400000646	1	Motor Strap		
7	400000347	4	Bolt 1/4-20 HD		
8	N/A	1	Included W/ 400000474		
9	400000459	7	Clamp, Hose		
10	400000541	1	Elbow, Inlet		
11	400000641	1	Middle Seat Brace		
12	400000539	1	Cold Control		
13	400000326	5	Nut #10-24		
14	400000535	1	Relay, 12V - 50A		
15	400000540	1	Bridge Rectifier		
16	400000534	2	Relay		
17	400000645	1	Grommet		
18	490006660	1	Filter		K65000066 filter kit includes both cab filters.
19	901000243	2	Washer #10		
20	901100301	2	Nut #10-32		
21	902003035	4	Washer, Flat 1/4		
22	902201085	4	Washer, Lock 1/4		
23	400000647	4	Screw, #10-24 X 1.25		Phil Pan HD Screw
24	400000710	1	Gasket, Foam		Between seat and padded storage
	400000460	1	Relay Harness Assy		Not Shown

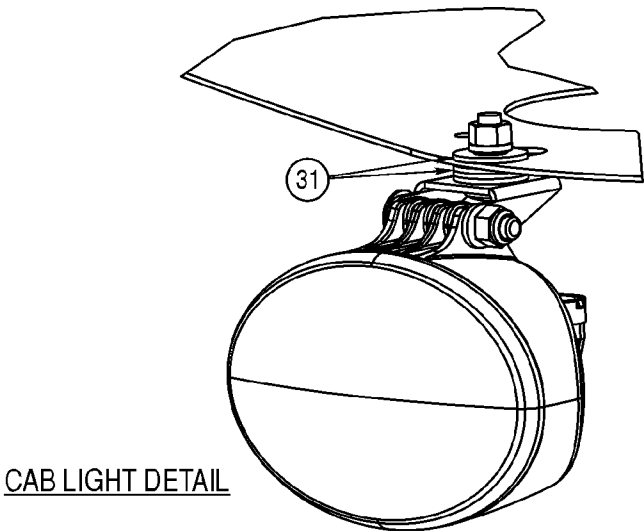
Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Roof Assembly and Cab Lights



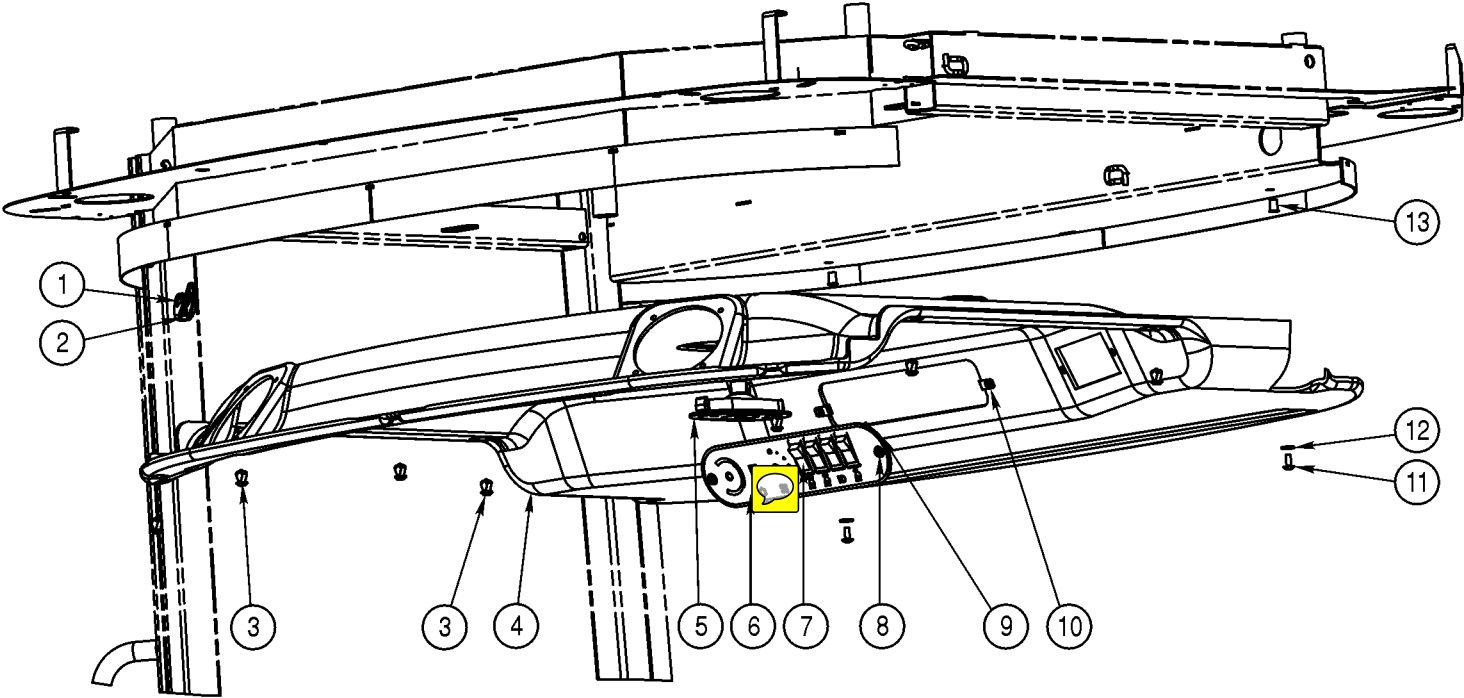
Item	Part Number	Qty	Description	Size	Comments
1	400000301	1	Roof cap		Must also order 4 grommets #400200051 and 4 bushings #400200053.
2	400000364	4	Lifting eyebolt w/shoulder		1/2"-13
3	400000360	4	Washer, flat		1/2" clearance
4	400000365	4	Seal, rubber		
5	400000362	25	Bolt		1/4"-20 X 1.00 G5
6	400000361	5	Washer, wt		1/4" clearance
7	400000348	25	Rivet nut		1/4"-20 RND
8	400000367	2	Mount, rear light bezel		
9	400000363	20	Washer, flat		1/4" clearance
10	400000303	1	Rear light bezel		
11	400000333	8	Rivet		1/8" DIA
12	400000359	24	Washer, flat		7/16"
13	400000316	4	Light, work flood		
14	400000315	2	Light, work trapa		
15	400000368	1	Plate, rear bezel close-off, LH		
16	400000369	1	Plate, rear bezel close-off, RH		
17	400000370	1	Angle, light bezel cap, LH		
18	400000366	2	Mount, front light bezel		
19	400000302	1	Front light bezel		
20	400000525	2	Assy, signal/marker light		
21	400000371	1	Angle, light bezel cap, RH		



Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200

Upper Cab Assembly



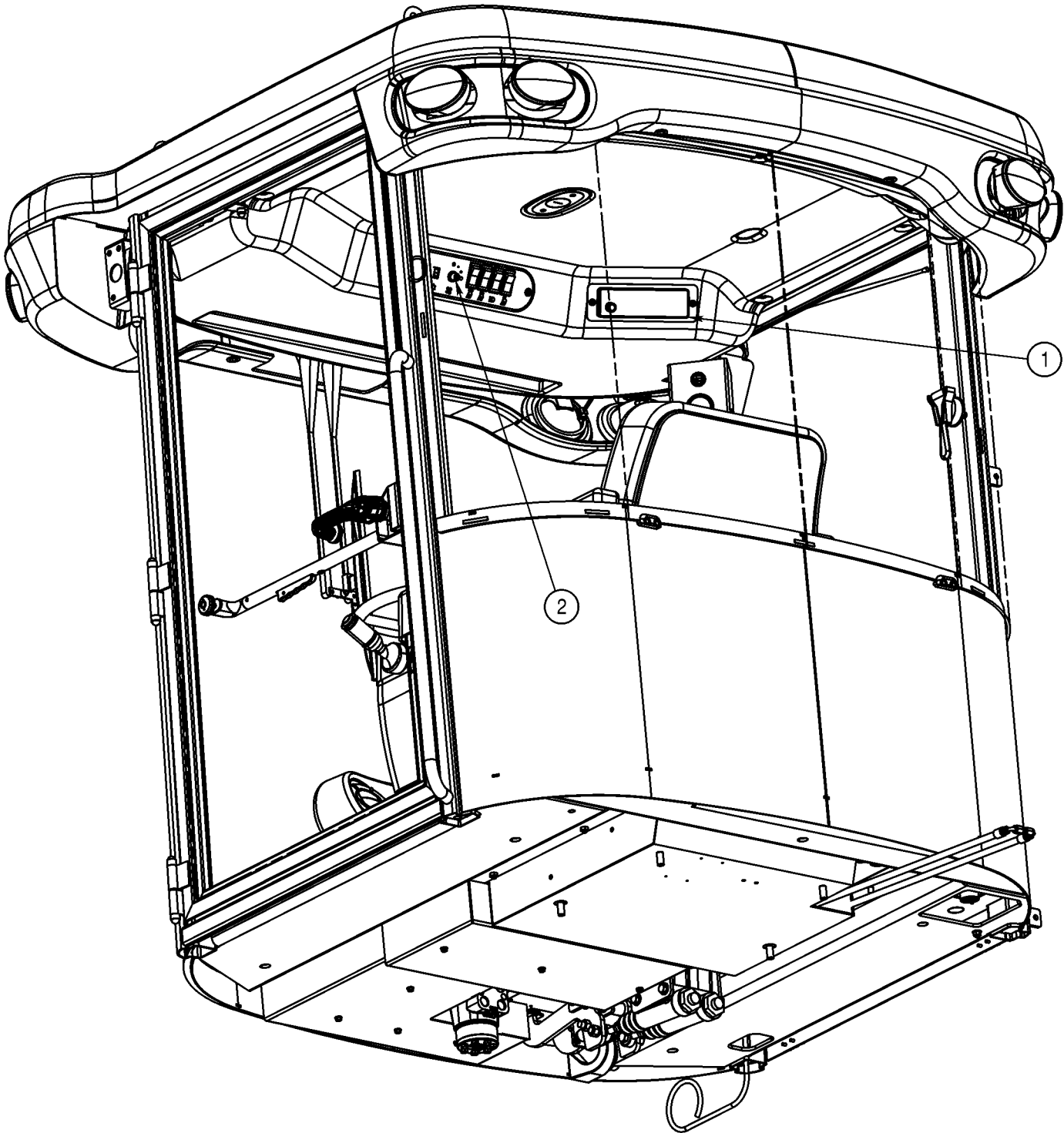
Item	Part Number	Qty	Description	Size	Comments
1	400000349	2	Screw		#8-18 X 1/2"
2	400000350	1	Coat hook, black		
3	400000352	7	Plug, screw type		
4	400000308	1	Headliner		
5	400000353	1	Dome light		
6A	400000355	1	Decal, switch plate		
6B	400000508	1	Decal, switch plate		Used on cabs without on/off A/C switch
7	400000351	4	Switch, toggle		
8	400000318	2	Bolt		M6 X 1 X 16
9A	400000354	1	Plate, switch		
9B	400000503	1	Plate, switch		Used on cabs without on/off A/C switch
10	400000324	2	Nut, U-clip		M6 X 1
11	400000347	2	Bolt		1/4"-20 X 5/8" G5
12	400000346	2	Washer, flat		.260" DIA
13	400000348	2	Rivet nut		1/4"-20 RND



Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200

Upper Dash Assembly

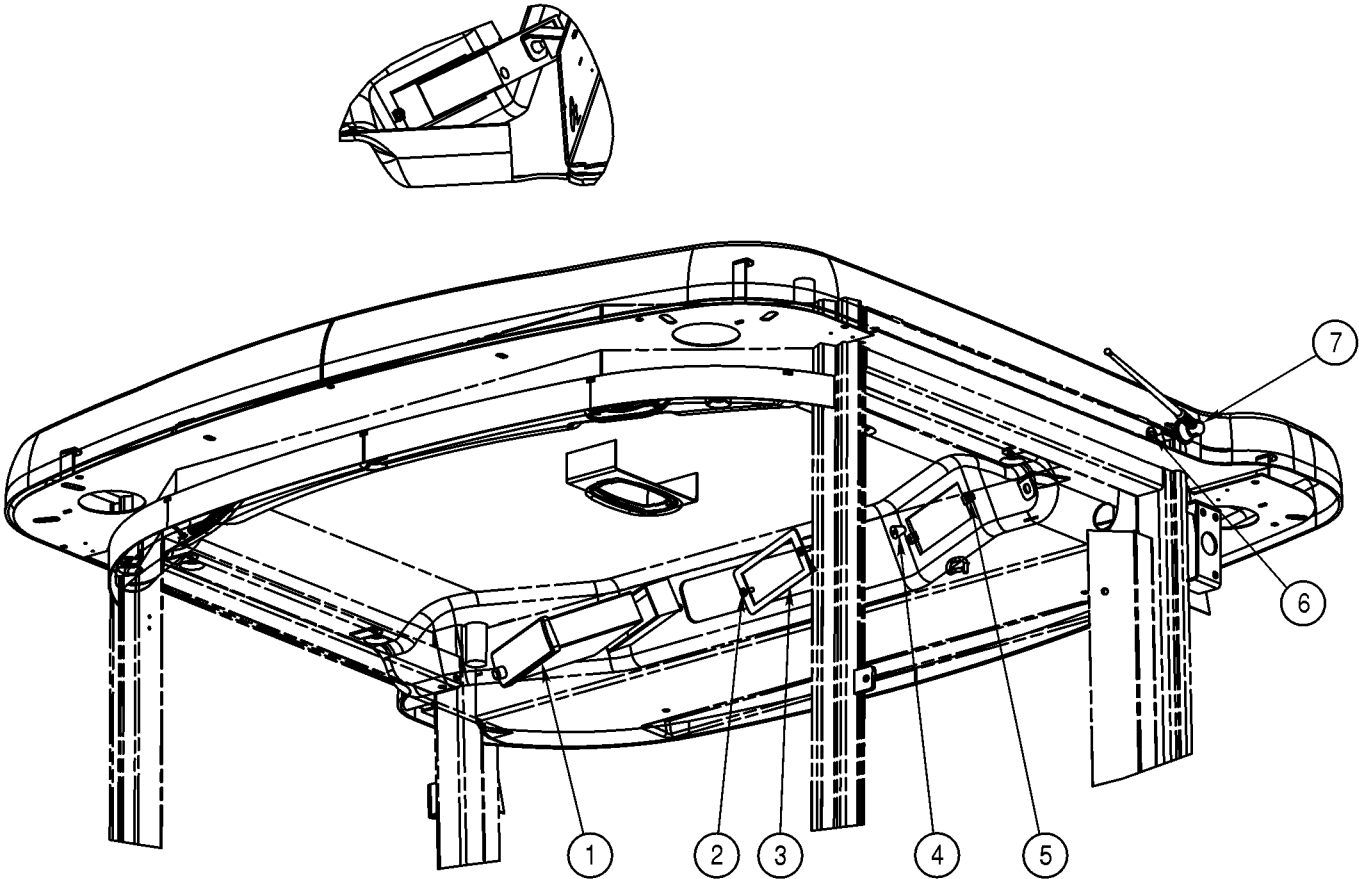


Item	Part Number	Qty	Description	Size	Comments
1	400000311	1	Radio, AM/FM/band		
2	400000531	1	Switch, 3 speed		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Radio Assembly

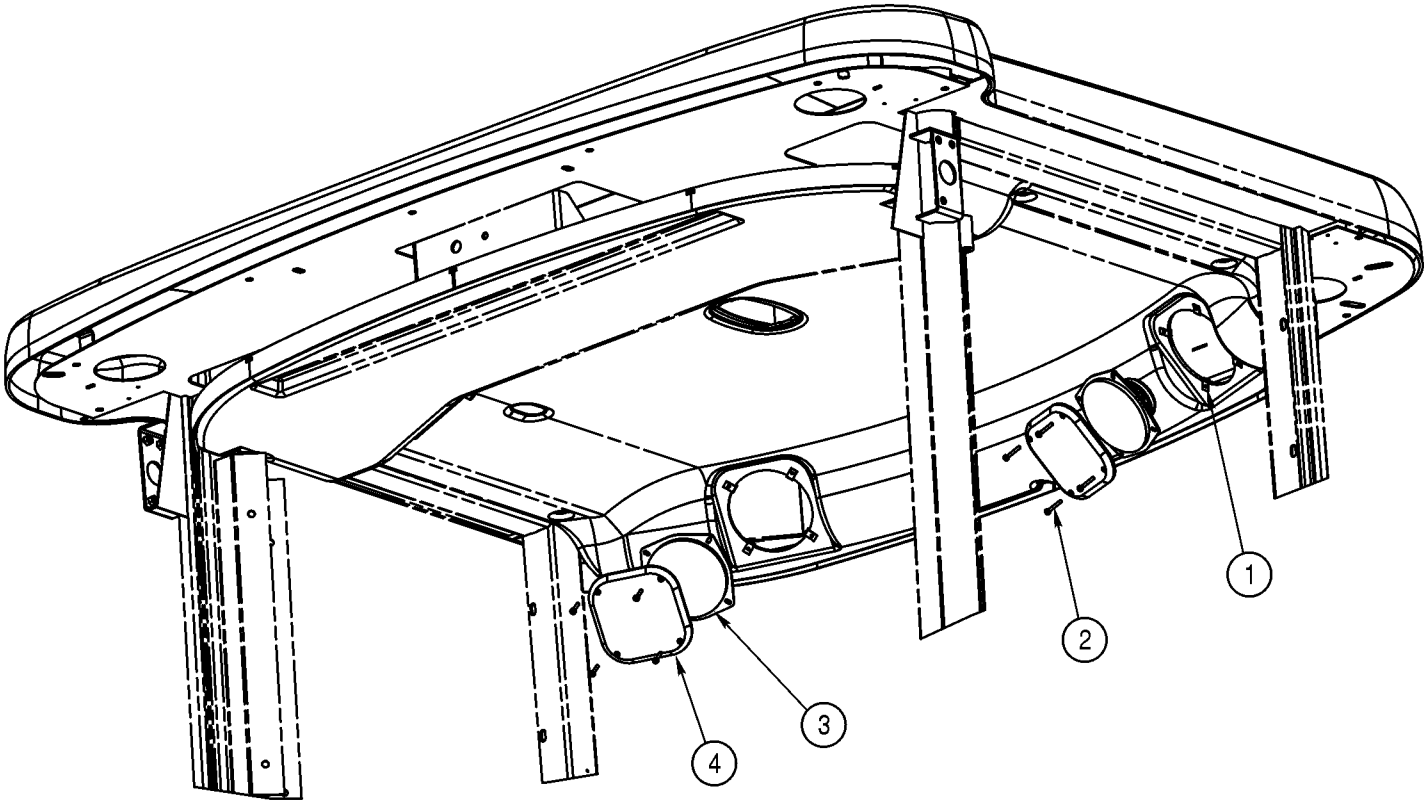


Item	Part Number	Qty	Description	Size	Comments
1	400000311	1	Radio, AM/FM/Weather Band		
2	400000318	2	Bolt		M6X1X16
3	400000325	1	Mounting Plate, Radio		
4	400000322	1	Bumper, Rear Radio Support		
5	400000324	2	Nut, U-Clip		M6X1
6	400000317	1	Grommet, Buna		
7	400000319	1	Antenna		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Speaker Assembly

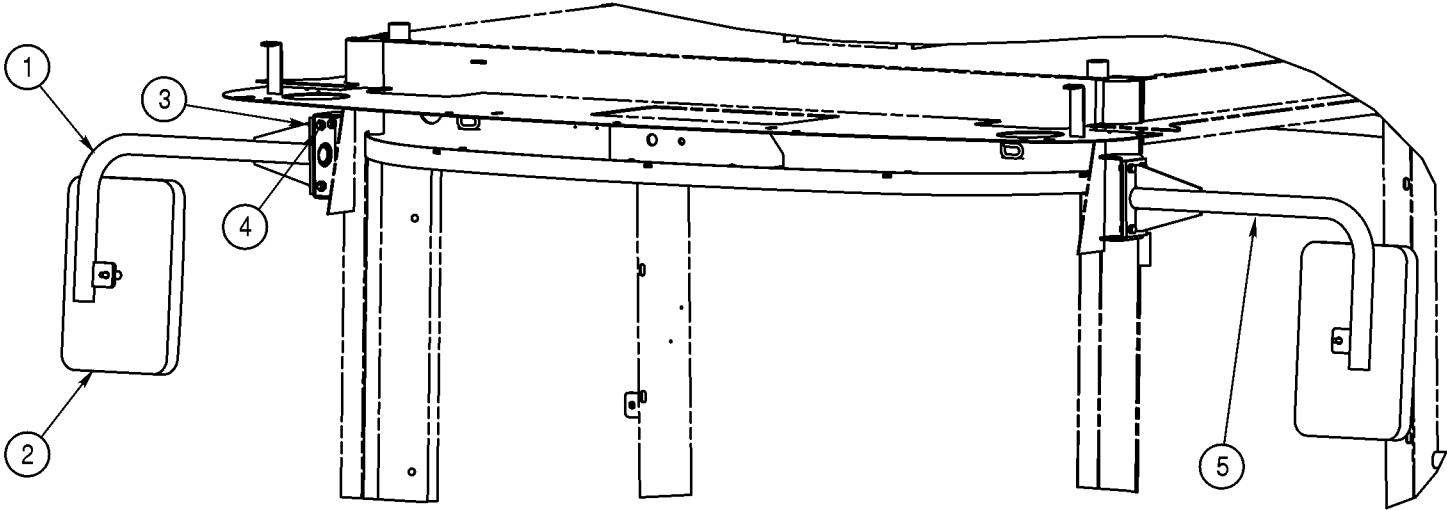


Item	Part Number	Qty	Description	Size	Comments
1	400000323	8	U-clip, screw		M4
2	400000637	8	Bolt		M4X.7X 30
3	400000320	2	Speaker		
4	400000321	2	Speaker cover		5 1/4"

Station 3 Cab • AS500, AS850, AS1000 & AS1200

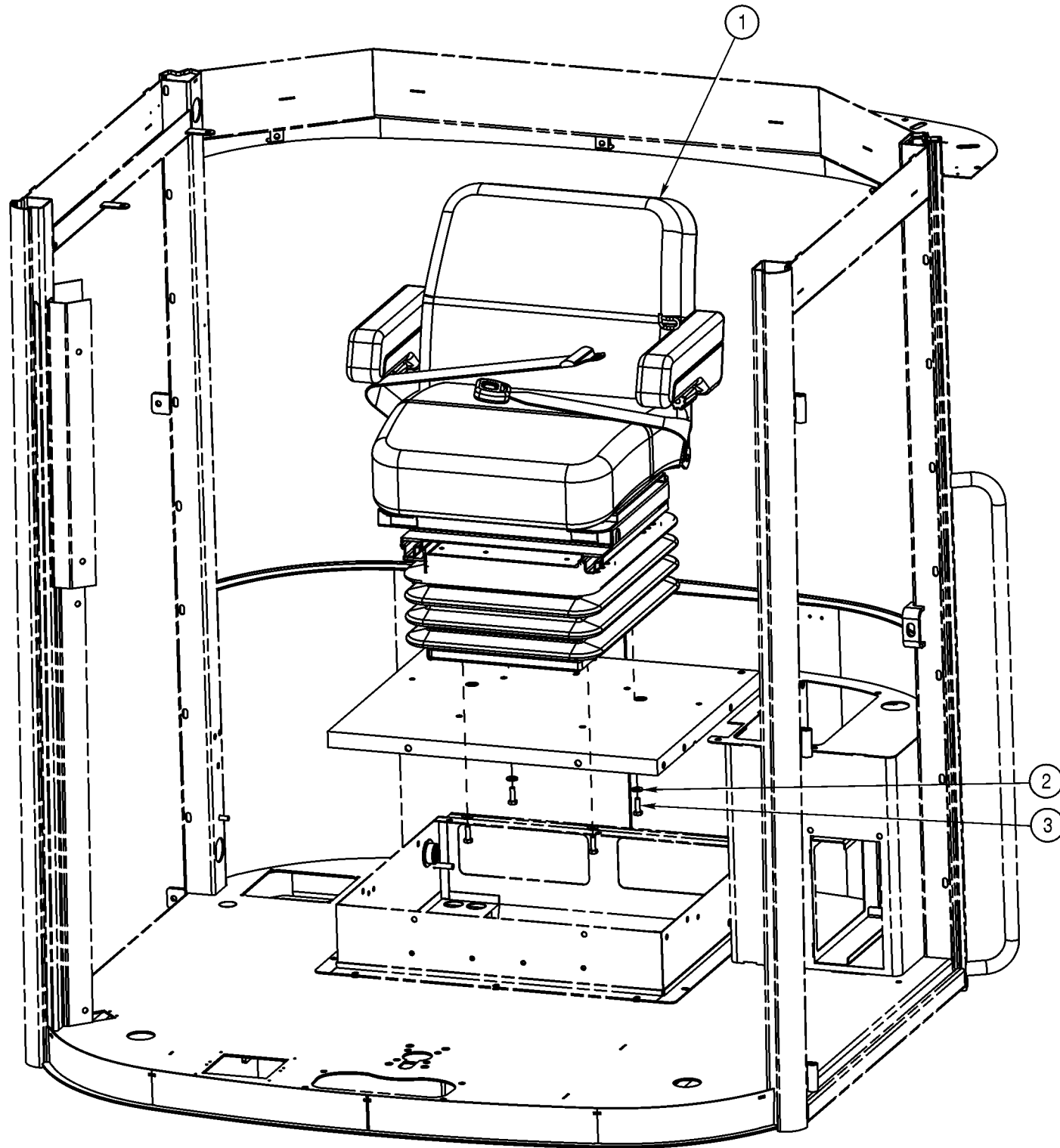
CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Exterior Mirrors



Item	Part Number	Qty	Description	Size	Comments
1	400000586	1	Mirror arm, right mirror		
2	400000314	2	Mirror		8" X 12"
3	400000373	6	Bolt		1/4"-20 X 3/4" G8
4	400000374	6	Washer, lock		1/4"
5	400000375	1	Mirror arm, left mirror		

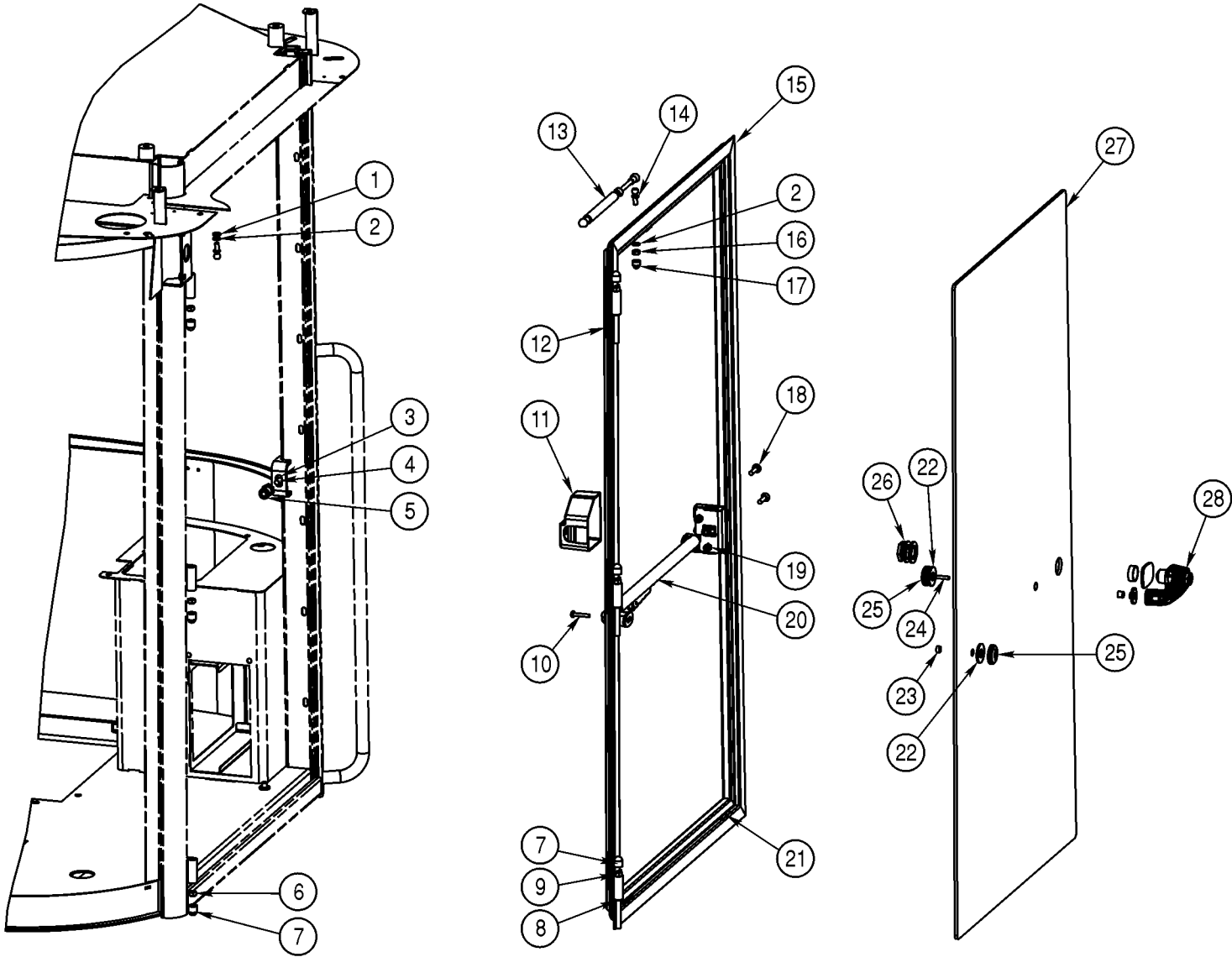
Station 3 Cab • AS500, AS850, AS1000 & AS1200

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Station 3 Cab • AS500, AS850, AS1000 & AS1200

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Door Assembly

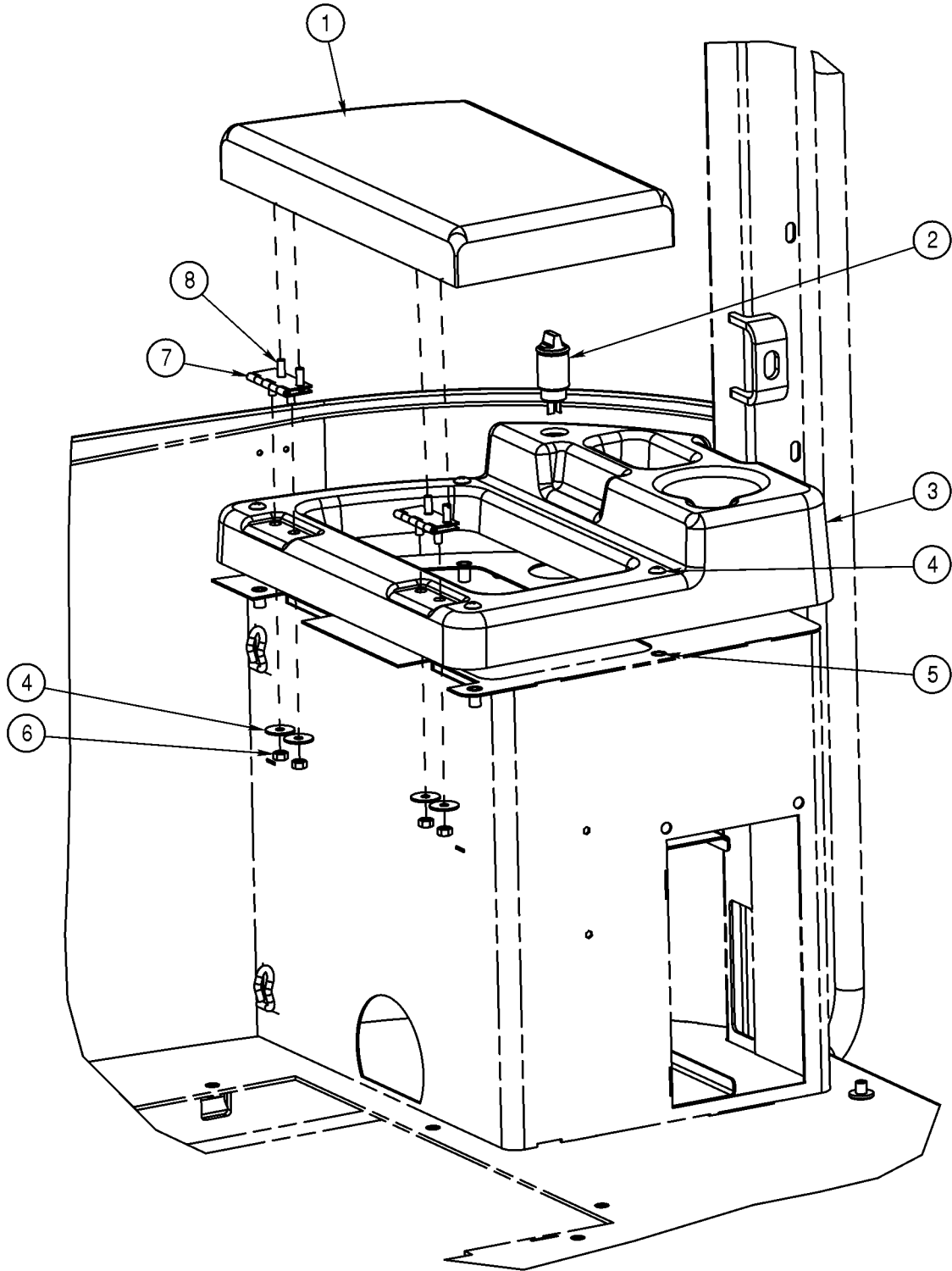


Item	Part Number	Qty	Description	Size	Comments
1	400000450	1	Washer, flat		5/16"
2	400000429	2	Washer, lock		5/16"
3	400000449	1	Washer, flat		3/8"
4	400000432	1	Bolt		3/8"-16 X 7/8" G8
5	400000431	1	Striker		3/8"-16, internal thread
6	400000438	3	Nut		3/8"-16, 304SS
7	400000435	6	Cap, protective		3/8" black nylon
8	400000444	3	Washer, flat		.400" brass
9	400000434	3	Bolt		3/8"-16 X 4 1/2" 304SS
10	400000439	1	Bolt		M6X1X35
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	5	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		1/2"OD 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		
	420501006		Keys, ignition & door		Two keys per order. Not Shown

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Padded Storage

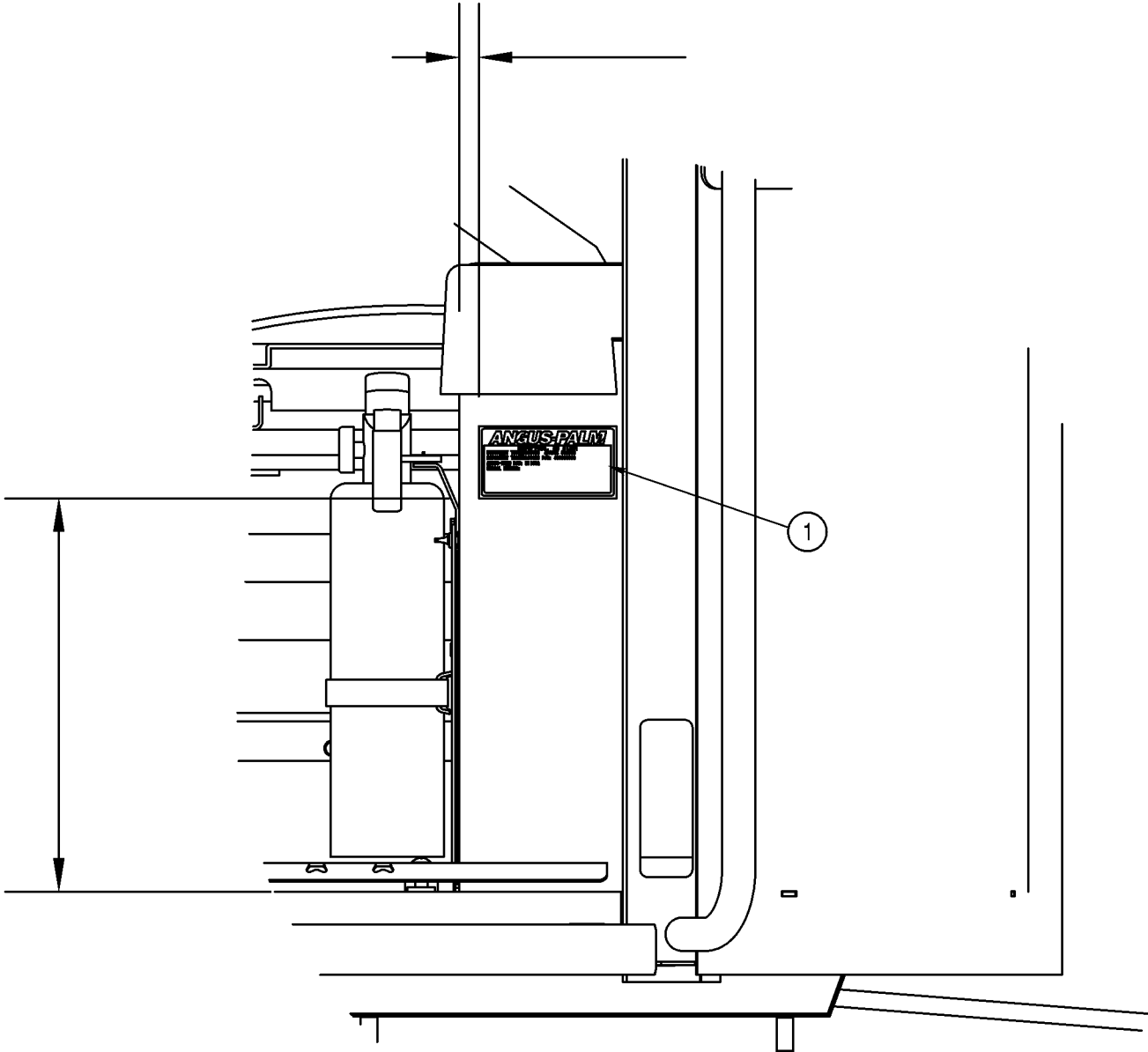


Item	Part Number	Qty	Description	Size	Comments
1	400000424	1	Cushion, padded		
2	400000549	1	Power point, 12V power, w/cap		
3	400000423	1	Cup holder/storage unit		
4	400000363	4	Washer, flat		1/4"
5	400000348	4	Retainer		1/4"-20, round
6	400000422	4	Nut		1/4"-20 G8
7	400000425	2	Hinge		
8	400000347	12	Bolt		1/4"-20 X 5/8"

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200 · CAB • AS500, AS850, AS1000 & AS1200

Serial Tag

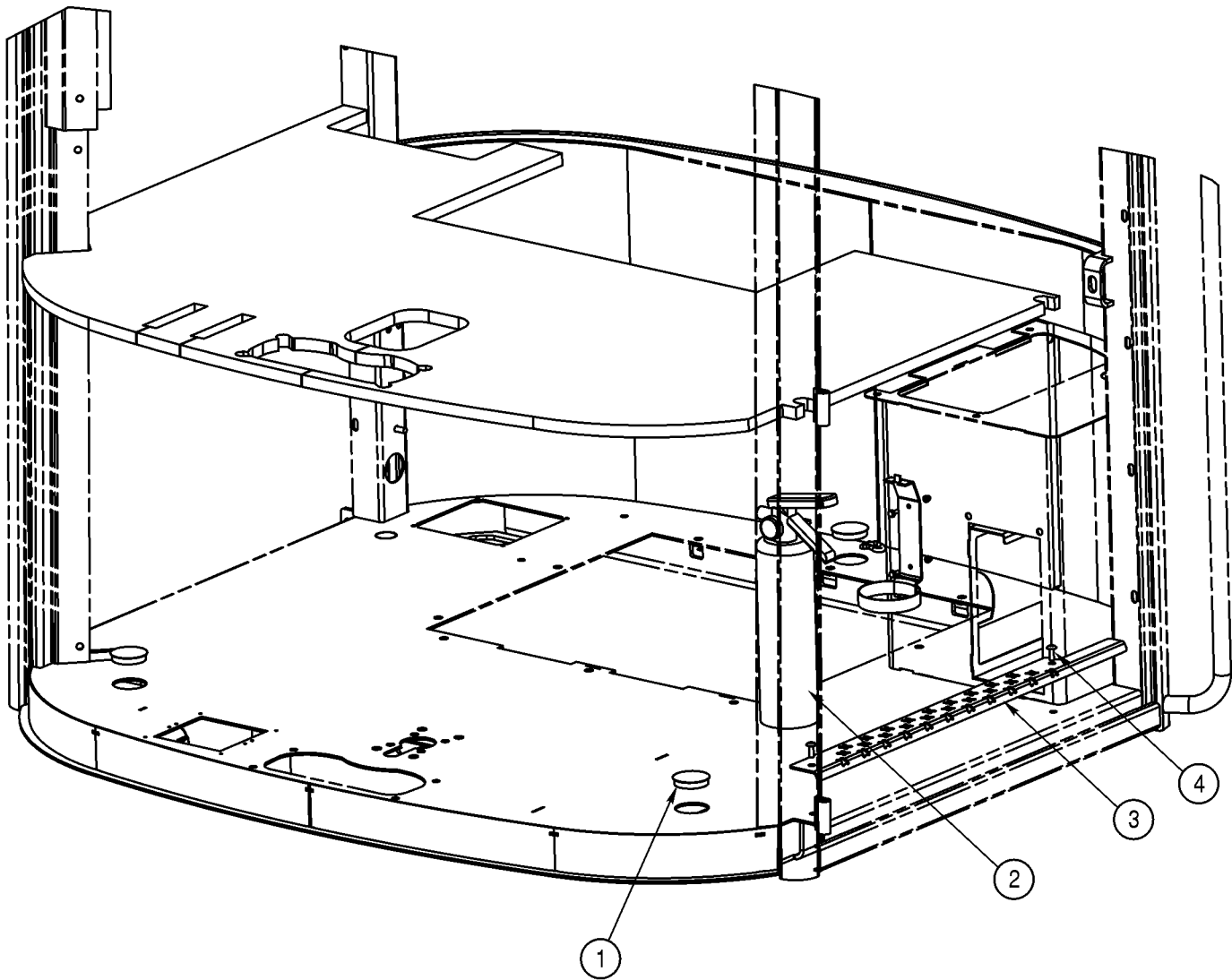


Item	Part Number	Qty	Description	Size	Comments
1	400000638	1	Serial tag		

Station 3 Cab • AS500, AS850, AS1000 & AS1200

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Lower Cab Assembly

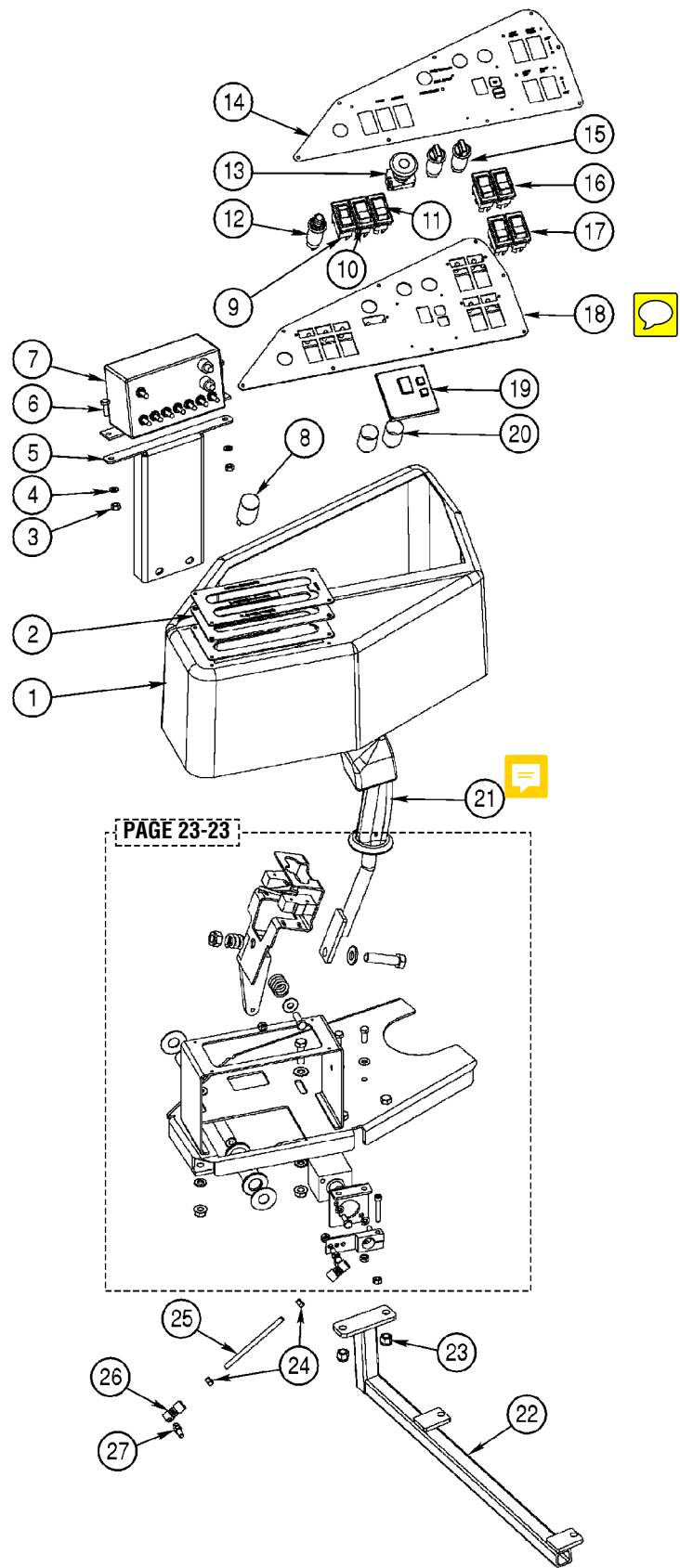


Item	Part Number	Qty	Description	Size	Comments
1	400000338	1	Plug round		
2	400000313	1	Fire extinguisher		
3	400000345	1	Threshold, door		
4	400000340	2	Bolt		.25-20X.75 G5

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Console



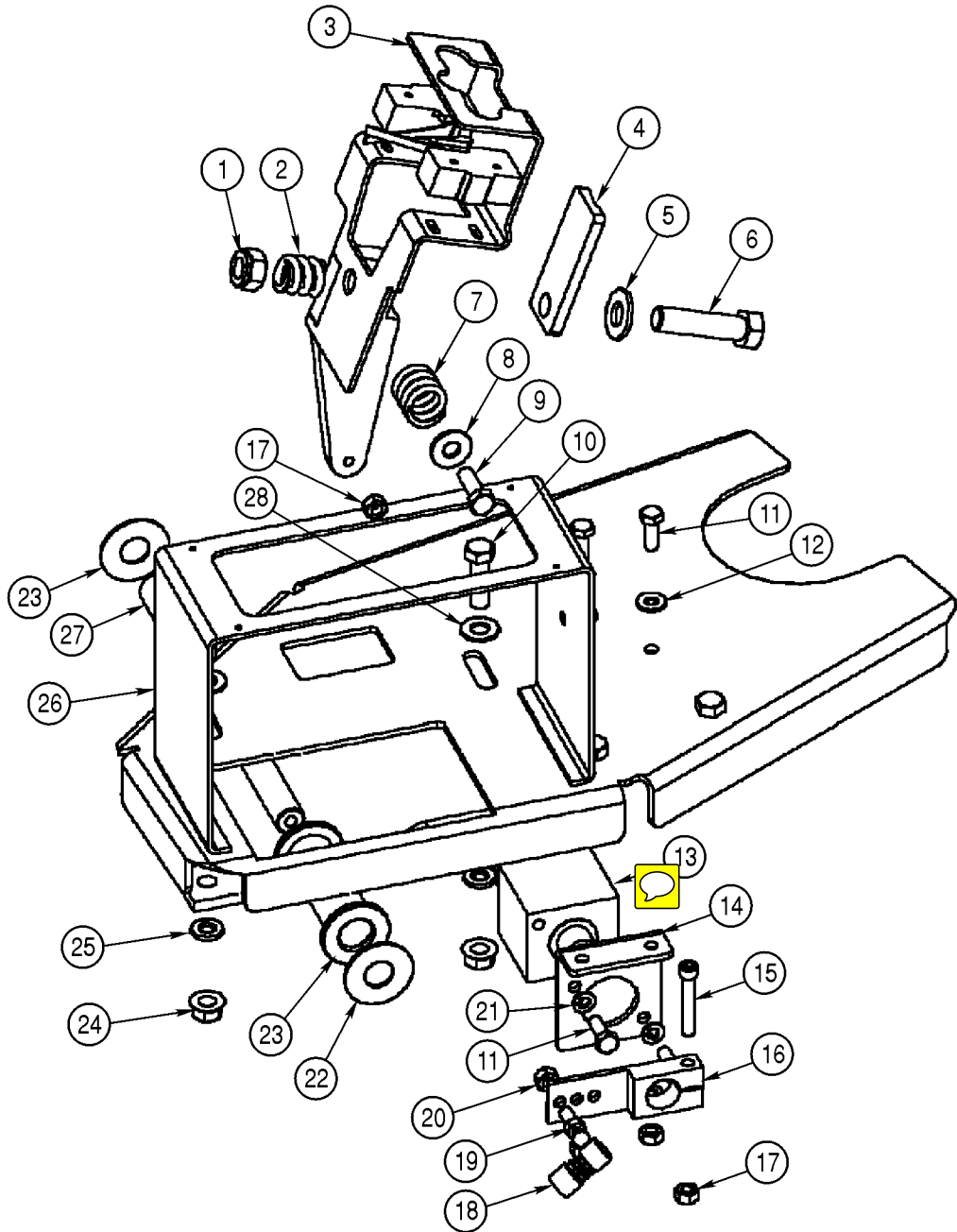
Item	Part Number	Qty	Description	Size	Comments
1	420301001	1	Gray plastic housing only		All Models
2	420300604	1	Guide plate for tee handle		All models Decal # 420300609
3	901003010	2	Nut, Nylock 5/16-18		All Models
4	902003195	2	Flat washer 5/16		All Models
5	420300607	1	Bracket, raven switch box		All Models
6	900002600	2	Bolt 5/16-18X 3/4"		All Models
7	611000055	1	Raven 7 section switch box		All Models
8	N/A		Included with #10		All Models
9	700300066	1	Master foamer switch		
10	700300071	1	Product pump switch		All Models
11	700300062		Agitate switch		
12	700300064	1	Cigarette plug assembly		All Models
13	700300061	1	Park brake switch		All Models
14	420306008	1	Decal console switch panel		All Models
15	700300065	2	Accessory plug assembly		All Models
16	700300063	2	Boom tip fold switch		All Models
17	700300063	2	Boom fold switch		All Models
18	420301002	1	Console switch panel		All Models Complete w/ all switches, lights, boards
19A	700300060	1	Transmission circuit board		All Models; Must set dip switch on board for different models.
19B	700300097		Circuit board & harness		Connects to 700300060. See service update 25010.
20	N/A		Included with #13		All Models
21	420300605	1	Tee handle complete		All Models
22	420300300	1	Console bracket lower		All Models
23	901003020	2	Nut, Nylock 3/8-16		All Models
24	901000500	2	Nut 1/4-20		All Models
25	700000408	1	Arm throttle pot		All Models
26	390000800	2	Ball joint 40 series		All Models
27	N/A		Included with #26		All Models
	700300020	1	Buzzer under console		Not Shown
	700000421	1	Console wiring harness		Not Shown; AS500 & AS850
	700000422	1	Transmission wiring harness upper		Not Shown; AS500 & AS850
	700000420	1	Console wiring harness		Not Shown; AS1000 & AS1200
	420301008		Hydraulic wheel adjust box w/ switches		Not Shown
	300200100	1	Transmission ECU		Not Shown; AS500 & AS850
	611000062	1	Raven 460 console		Not Shown

Station 3

Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200 · CAB · AS500, AS850, AS1000 & AS1200

Console Detail 1

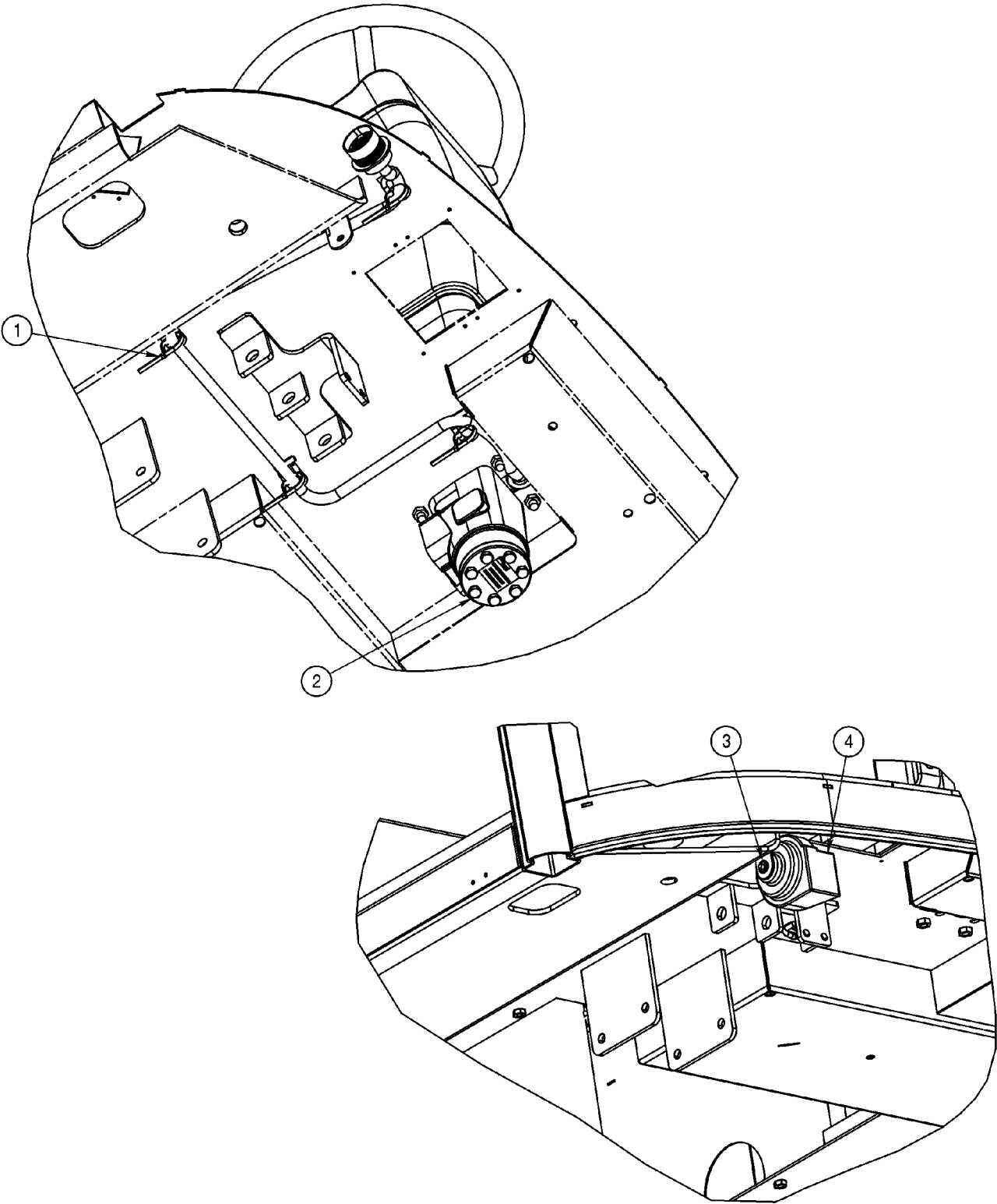


Item	Part Number	Qty	Description	Size	Comments
1	901003040	1	Nut, Nylock 1/2-13		All models
2	420300017	1	Spring compression		All models
3	420300601	1	Bracket, Tee Handle		All models
4	420300605	1	Tee Handle Complete		All models
5	902003055	1	Washer, Flat 1/2		All models
6	900003270	1	Bolt, 1/2-13 X 2		All models
7	420300018	1	Spring compression		All models
8	902003040	1	Washer, Flat 5/16		All models
9	900002610	1	Bolt, 5/16-18 X 1"		All models
10	900000410	2	Bolt, 3/8-16 X 1-1/4" G2 ZP		All models
11	900002395	4	Bolt, 1/4-20 X 3/4" G5 ZP		All models
12	902003035	2	Washer, Flat 1/4		All models
13	700000405	1	Potentiometer		All models
14	790000101	1	Bracket, Potentiometer Supp.		All models
15	900000028	1	Bolt, SHCS 1/4-20 X 1-1/2"		All models
16	700000408	1	Arm, Throttle Pot 275 Electric		All models
17	901000500	3	Nut, 1/4-20 ZP		All models
18	390000800	1	Ball Joint 40 Series 1/4-28		All models
19	N/A		Included with 18		
20	901000710		Nut, 1/4-28 G5 ZP		All models
21	902201085	2	Washer, Lock 1/4 ZP		All models
22	420301019	2	Washer, Nylon		All models
23	902003070	2	Washer, Flat 3/4 ZP		All models
24	901101201	2	Nut, Flange 3/8-16 G5 SS		All models
25	902201090	2	Washer, Lock 3/8 ZP		All models
26	420300606	1	Pan, Shuttle Shift		All models
27	490001100	1	Bearing, Plain .62 ID X .750 OD		All models
28	902003045	2	Washer, Flat 3/8 ZP		All models
	700020200	2	Switch Micro Rigid Lever Snap		All models
	420300602	1	Shaft, Rocket Tee Handle		All models
	420300620	1	Handle Shuttle Shift B		All models

Station 3 Cab • AS500, AS850, AS1000 & AS1200

CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200 • CAB • AS500, AS850, AS1000 & AS1200

Steering Motor and Horn



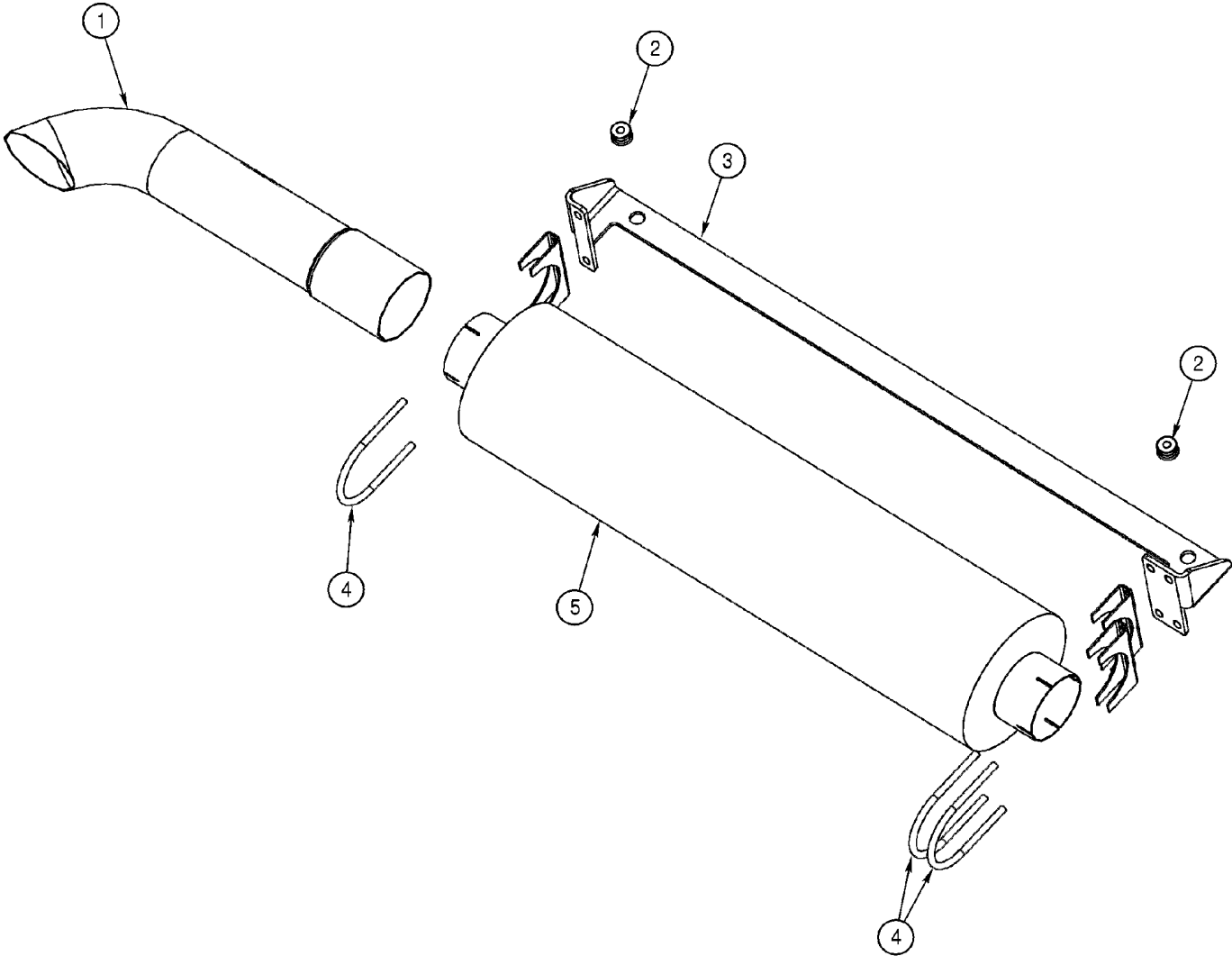
Item	Part Number	Qty	Description	Size	Comments
1	400000596	4	Zip tie		12" long X 0.18 wide, nylon
2	860000005	1	Steering unit, Danfoss		A00000042 is the steering motor w/ fittings
3	400000339	1	Washer		0.266" DIA
4	400000343	1	Horn, 12V		

Station 3

Muffler • AS500, AS850, AS1000 & AS1200

MUFFLER • AS500, AS850, AS1000 & AS1200 • MUFFLER • AS500, AS850, AS1000 & AS1200 • MUFFLER • AS500, AS850, AS1000 & AS1200 • MUFFLER • AS500, AS850, AS1000 & AS1200 • MUFFLER • AS500, AS850, AS1000 & AS1200 • MUFFLER • AS500, AS850, AS1000 & AS1200

Muffler
AS500, AS850, AS1000 & AS1200



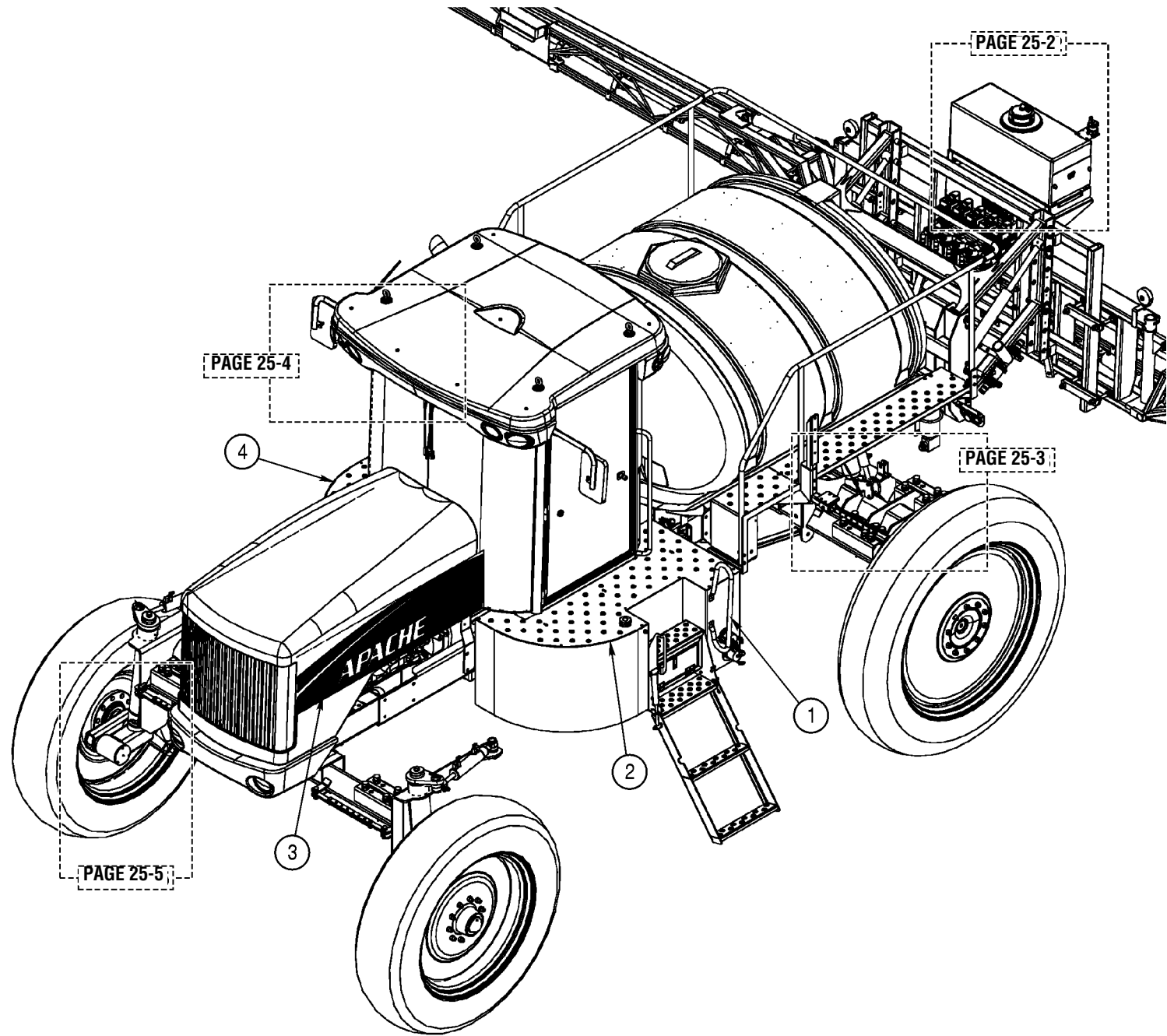
Item	Part Number	Qty	Description	Size	Comments
1	201100007	1	Curved exhaust pipe		
2	490002750	2	Rubber bushing		
3	201100009	1	Bracket, exhaust		
4	290000753	3	U-bolt		
5	201100006	1	Muffler		

Station 4

Miscellaneous • AS500, AS850, AS1000 & AS1200

MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200

Station 4
Miscellaneous
AS500, AS850, AS1000 & AS1200



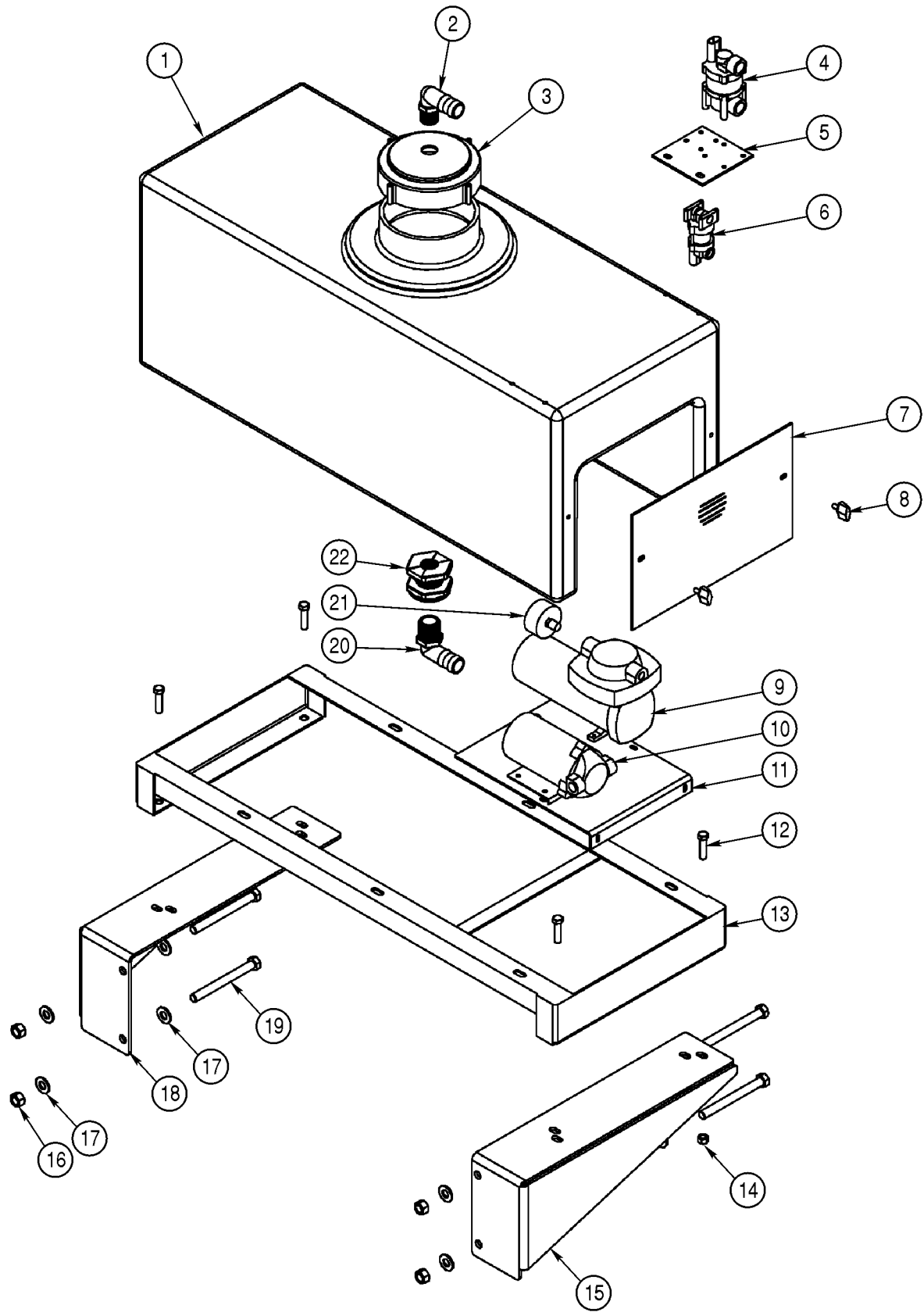
Item	Part Number	Qty	Description	Size	Comments
1	490000911	1	Hand rail, step		
2	420000020	1	Treadplate, fuel tank		
3	420306001	1	Decal, main, hood, left hand		
4	420000022	1	Treadplate, hydraulic tank		
	420306000	1	Decal, main, hood, right hand		Not Shown
	600901402		Lift cylinders, boom rack lift		Seal kit 600901404; If replacing both cylinders, use kit K65000095; Not Shown



Station 4 Miscellaneous • AS500, AS850, AS1000 & AS1200

FOAM TANK • AS500, AS850, AS1000 & AS1200 • FOAM TANK • AS500, AS850, AS1000 & AS1200 • FOAM TANK • AS500, AS850, AS1000 & AS1200 • FOAM TANK • AS500, AS850, AS1000 & AS1200 • FOAM TANK • AS500, AS850, AS1000 & AS1200 • FOAM TANK • AS500, AS850, AS1000 & AS1200

Foam Marker Assembly



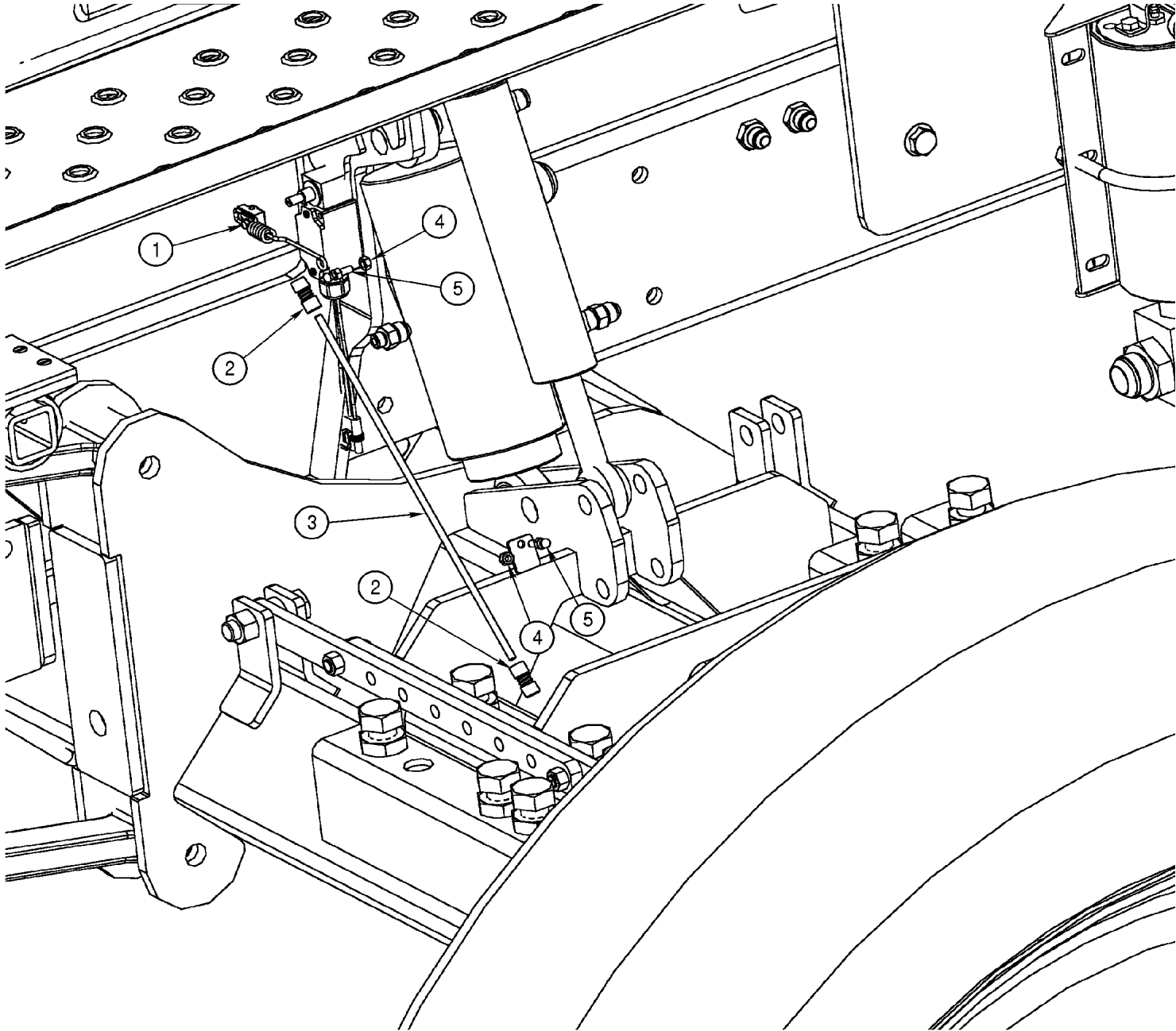
Item	Part Number	Qty	Description	Size	Comments
1	540000002	1	Tank, foamer SKS		
2	640000620	1	Fitting, elbow		0.75 Pipe to 1" hose
3	540000003	1	Lid, foamer tank		
4	540000080	1	Valve, three way air wide		Gray in color.
5	540000078	1	Bracket, twin valves foamer		
6	540000095	1	Valve, water side #2210		Black in color.
7	540000086	1	Cover, foamer tank motor		
8	540000085	2	Wing nut, foamer tank cover		
9	540000081	1	Compressor, SKS		
10	540000082	1	Pump, SKS		
11	540000049	1	Compressor and pump bracket		
12	900002835	4	Bolt		3/8"-16 X 1 1/2" G5
13	540000087	1	Frame, foamer tank		
14	901000520	4	Nut		3/8"-16"
15	690001536	1	Support bracket, foamer tank right		
16	901000540	4	Nut		1/2"-13
17	902003055	8	Washer, flat		1/2" ZP
18	690001535	1	Support bracket, foamer tank left		
19	900003315	4	Bolt		1/2"-13 X 5" G5 ZP
20	640000520	1	Hose barb		1" 90 DEG
21	540000005	1	Breather, foamer compressor		
22	640000050	1	Bulk head flange assembly		
	540000061	1	Strainer assembly (bottom of tank)		Not Shown

Station 4

Miscellaneous • AS500, AS850, AS1000 & AS1200

MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200

Suspension Leveling Switch

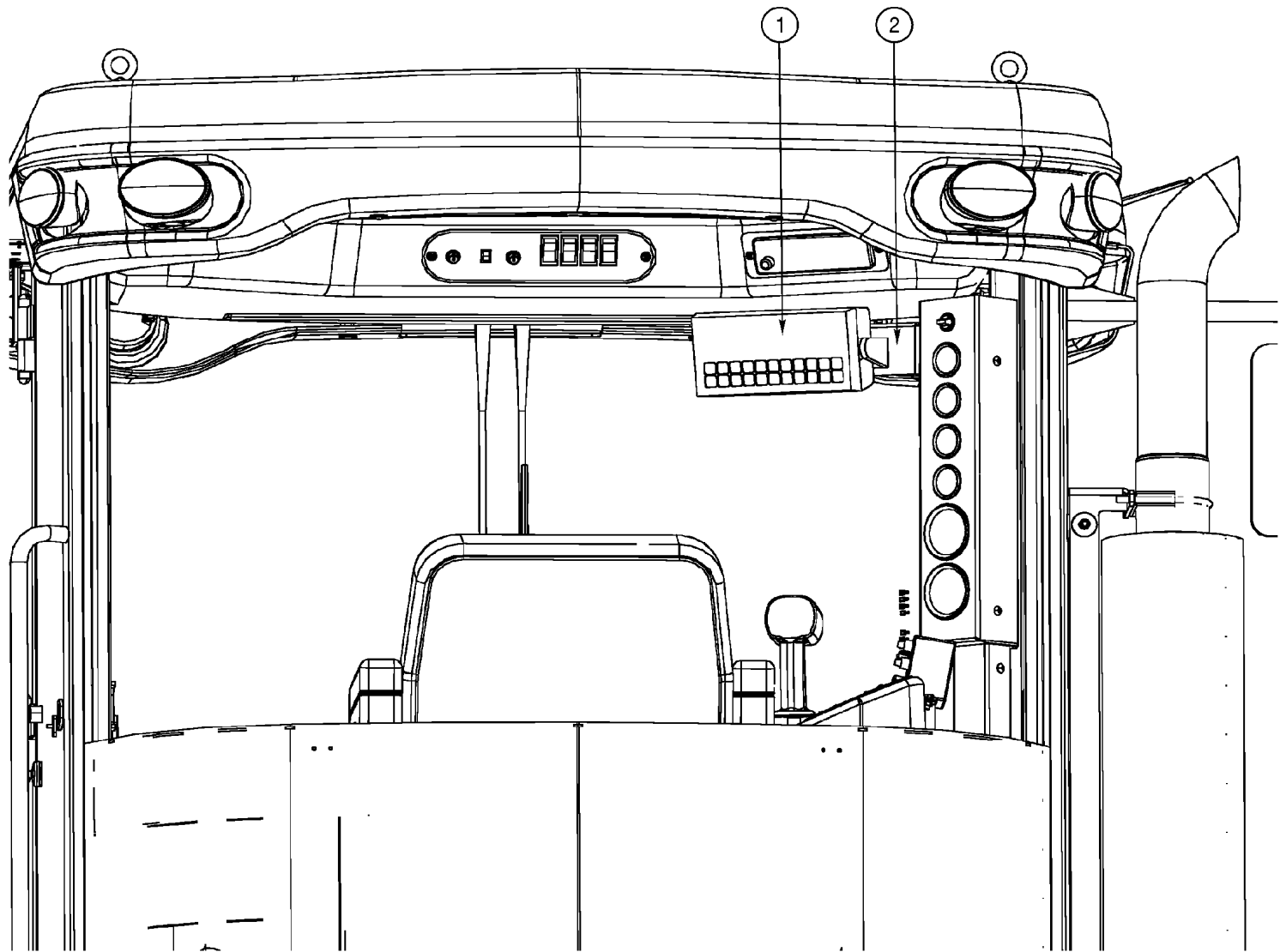


Item	Part Number	Qty	Description	Size	Comments
1	700300081	1	Switch arm, rear suspension		
2	390000800	2	Ball joint, 40 series		1/4"-28
3	100108080	1	Rod, adjusting leveling		
4	901003005	2	Nut, nylock		1/4"-28
5	N/A		Bolt		Included w/ # 2
	K65000123		Kit, LH rear suspension switch assembly		Includes wiring harness and connector.
	K65000124		Kit, RH rear suspension switch assembly		Includes wiring harness and connector.

Station 4 **Miscellaneous • AS500, AS850, AS1000 & AS1200**

MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200 • MISCELLANEOUS • AS500, AS850, AS1000 & AS1200

Raven Controller



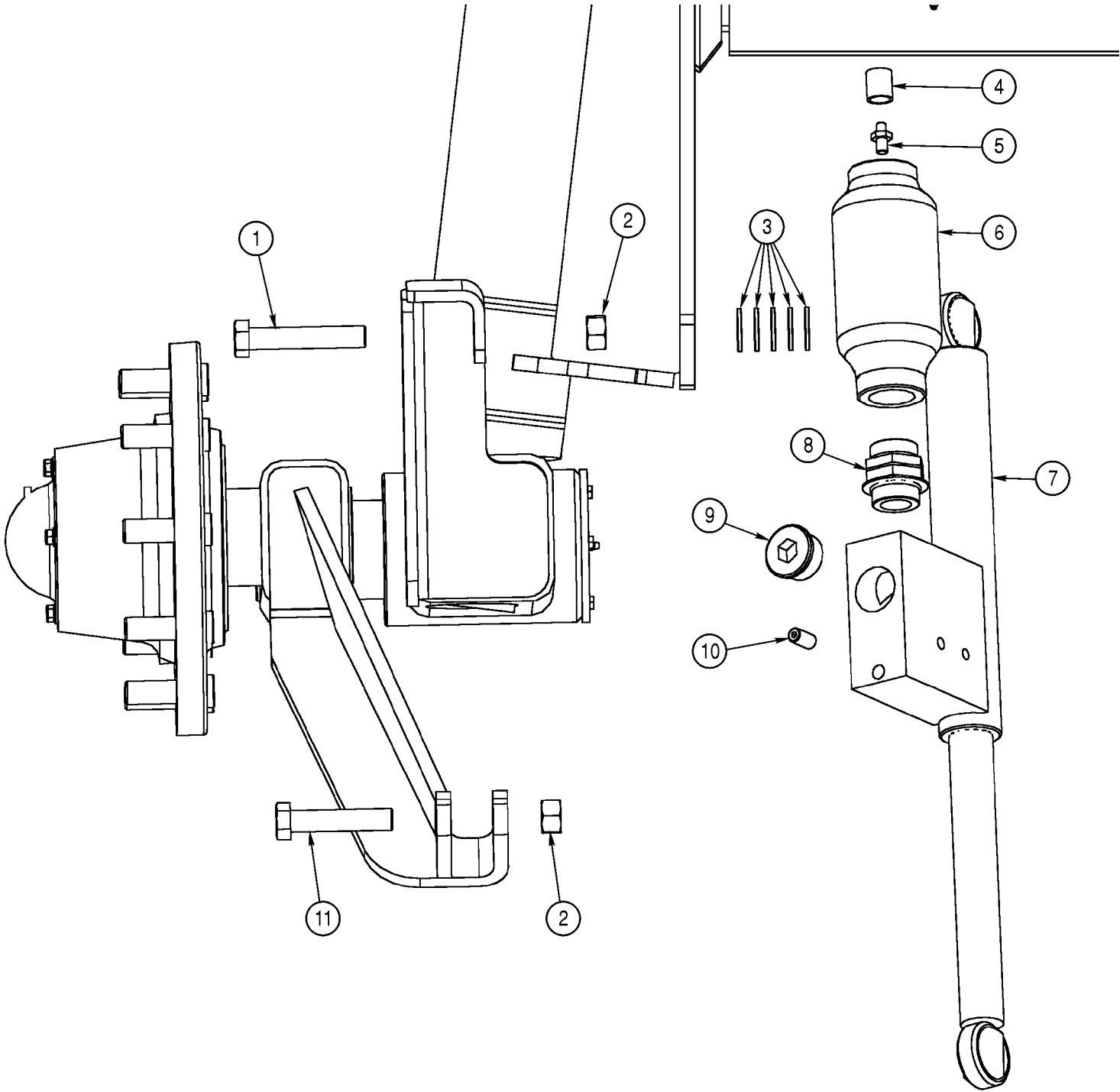
Item	Part Number	Qty	Description	Size	Comments
1	611000062	1	Controller, raven 460		
2	690001532	1	Bracket, raven controller		

Station 4

Miscellaneous • AS500, AS850, AS1000 & AS1200

FRONT SUSPENSION ASSEMBLY • AS500, AS850, AS1000 & AS1200 • FRONT SUSPENSION ASSEMBLY • AS500, AS850, AS1000 & AS1200 • FRONT SUSPENSION ASSEMBLY • AS500, AS850, AS1000 & AS1200 • FRONT SUSPENSION ASSEMBLY • AS500, AS850, AS1000 & AS1200

Front Suspension Assembly



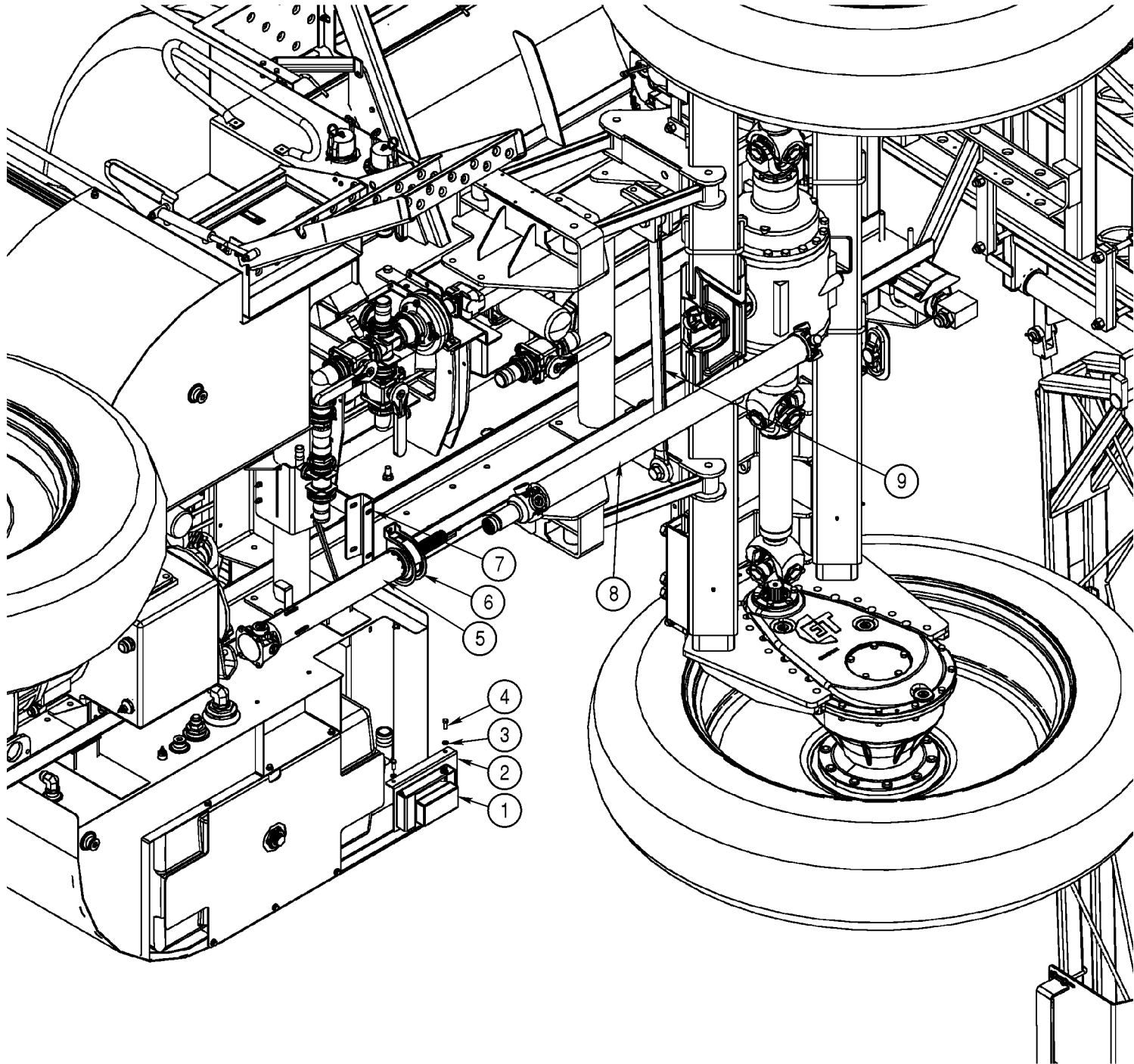
Item	Part Number	Qty	Description	Size	Comments
1	900006655	1	Bolt		3/4"-16 X 4" G5 ZP
2	901000780	2	Nut		3/4"-16"
3	902003070	5	Washer, flat		3/4"
4	100106503	1	Cap, accumulator		
5	100106512	1	Cap & adapter		
6	100106502		Accumulator only		
7	100106500	1	Complete front strut assembly		Charged at 950 PSI. See service manual for charge pressure of each model.
8	800100621	1	Fitting, union front suspension		M_M0_026_26
9	800100622	1	Plug, hex socket front suspension		1 1/4"-1 1/2" NPT OD X 1"
10	800100623	1	Plug, hex socket front suspension		1/4"-18 NPT OD X 1"
11	900006645	1	Bolt		3/4"-16 X 3 1/2" G5 ZP
	100108086	1	Anti-rotation bracket		Not Shown; Used on 500 & 850 Series
	100106510		Remanufactured front strut assembly		Features new style accumulator and carries a 6 Month Warranty.

Station 4

Miscellaneous • AS500, AS850, AS1000 & AS1200

DRIVE SHAFT • AS500, AS850, AS1000 & AS1200 · DRIVE SHAFT • AS500, AS850, AS1000 & AS1200 · DRIVE SHAFT • AS500, AS850, AS1000 & AS1200 · DRIVE SHAFT • AS500, AS850, AS1000 & AS1200 · DRIVE SHAFT • AS500, AS850, AS1000 & AS1200

Drive Shaft & Bottom View

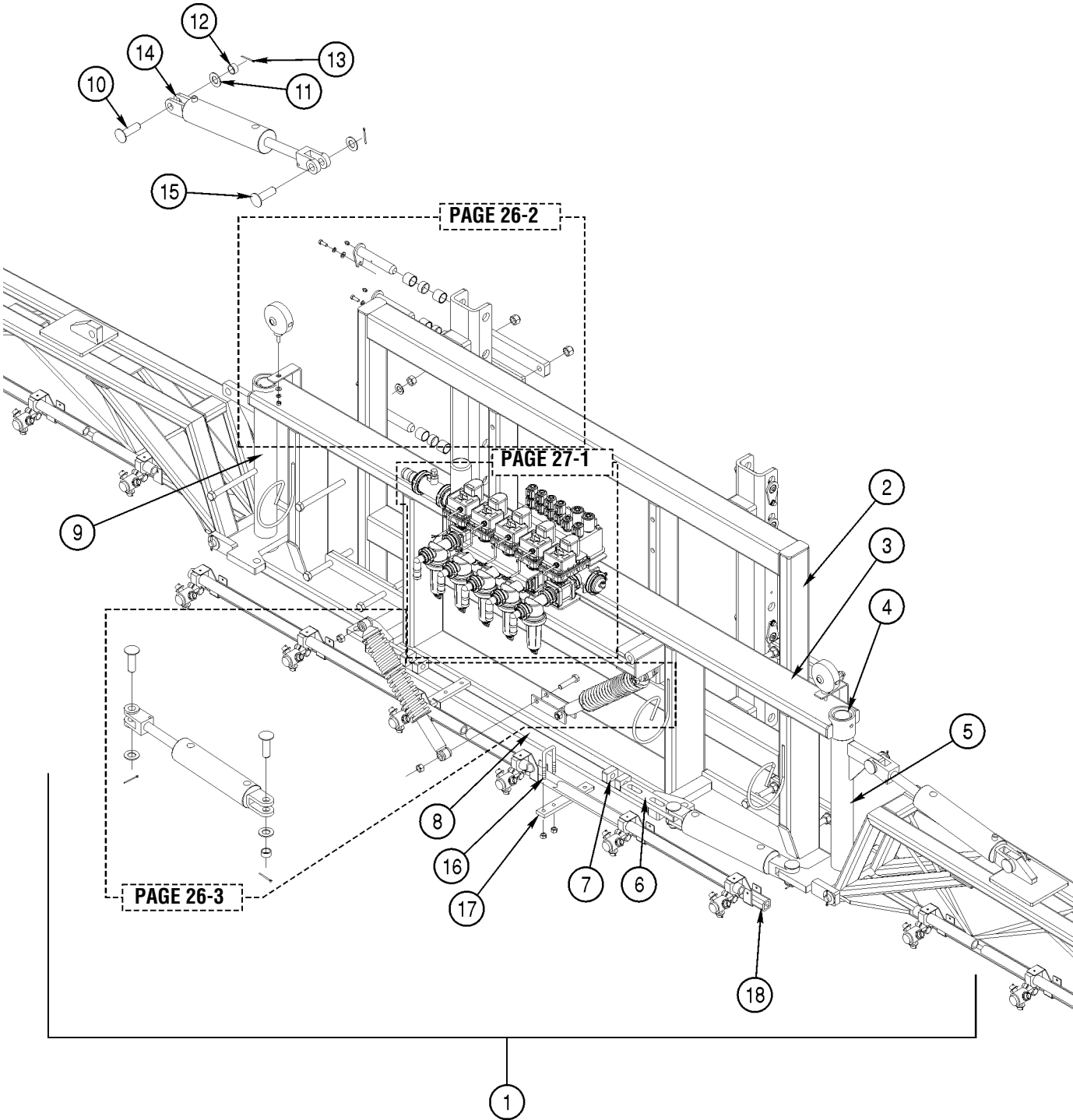


Item	Part Number	Qty	Description	Size	Comments
1	611000074	1	Radar, gun assembly raven		
2	690001533	1	Bracket, radar mounting		
3	902201090	2	Washer, lock		3/8"-16
4	900002815	2	Bolt		3/8"-16 X 1" G5 ZP
5A	301100004	1	Drive shaft, front		For 850, 1000, & 1200 series
5B	301100211	1	Drive shaft, front		For 500 series
6	N/A		Carrier bearing		Included w/ # 5
7	300100211	1	Bracket, carrier bearing		
8A	301100003	1	Drive shaft, rear		For 850, 1000, & 1200 series
8B	301100005	1	Drive shaft, rear		For 500 series
9	100108070	1	Tracking bar		
	611000056	1	Raven drive shaft sensor for speed to 460		Not Shown
	611000057		Red magnet only		Not Shown
	611000058		Black magnet only		Not Shown

Station 4 Back Rack • AS500, AS850, AS1000 & AS1200

BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200

Back Rack
AS500, AS850, AS1000 & AS1200
Outboard View

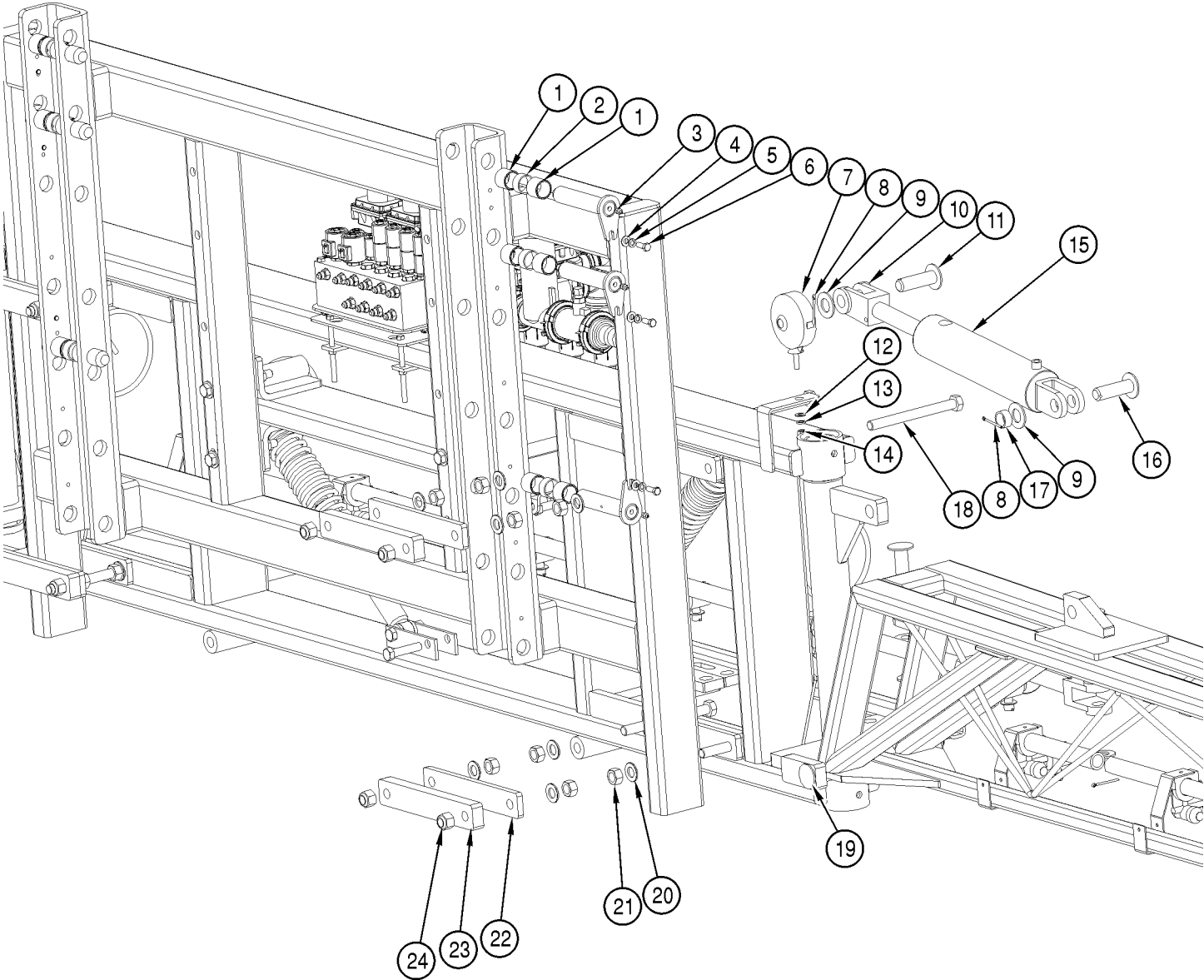


Item	Part Number	Qty	Description	Size	Comments
1	600901003	1	Back Rack, Complete		Minus Plumbing, Hose, & Valves
2	600901016	1	Frame, Rear Center Section		Included with 600901003
3	600901015	1	Boom, Center Section		Included with 600901003
4	600901010	2	Pivot Pin, Boom		Included with 600901015
5	600901093	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
10A	600901210	2	Pin, Boom Cylinder 1" OD x 3"		
10B	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		Must also order fitting qty 2 #800303022. Seal kit #600901515.
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		

Station 4 Back Rack • AS500, AS850, AS1000 & AS1200

BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200

Inboard View

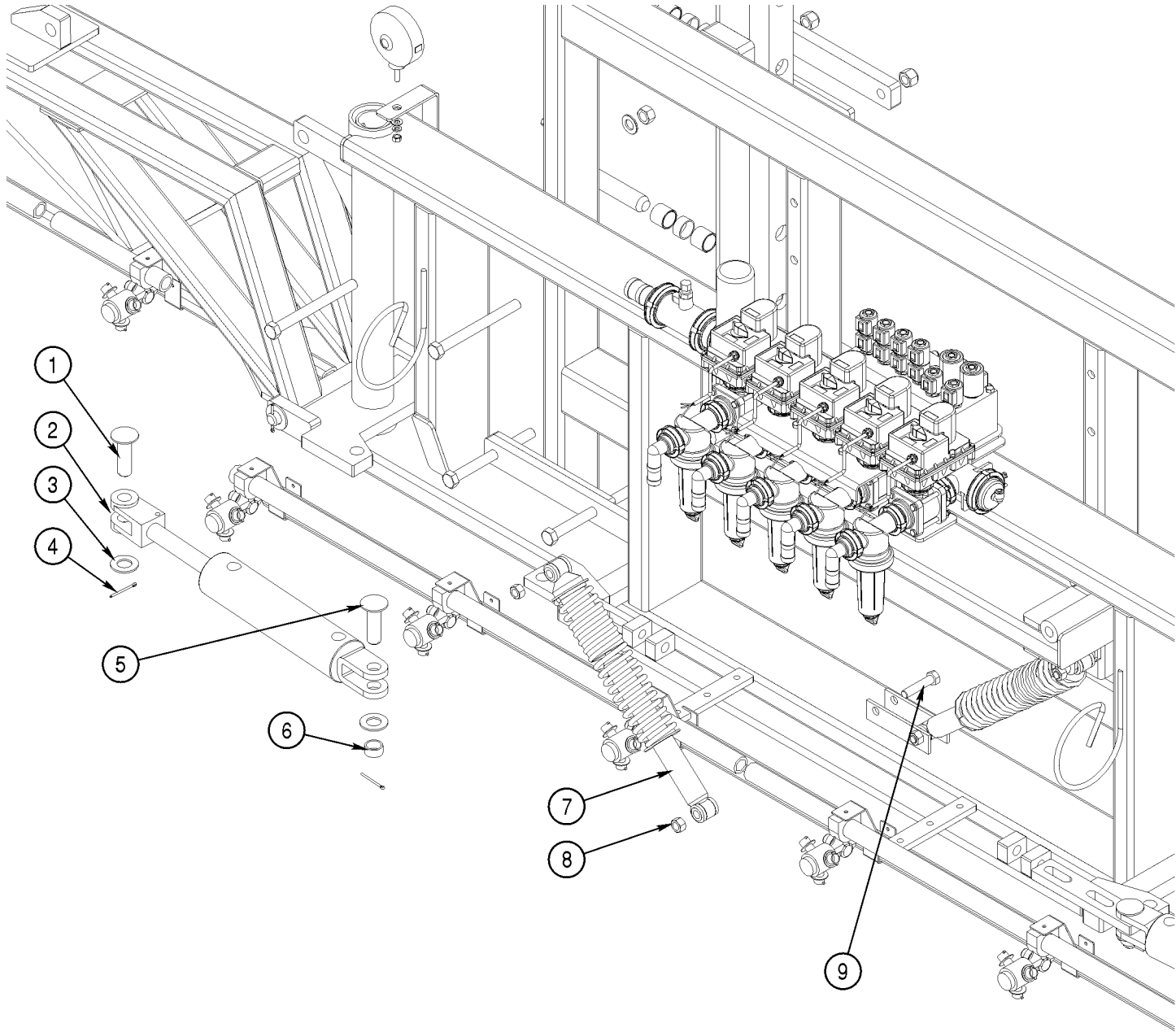


Item	Part Number	Qty	Description	Size	Comments
1	601000040	12	Bushing, Bronze		
2	601000041	6	Bushing Spacer, Parallel Arms		
3	601000050	6	Flag Pin		
4	902003200	12	Washer, Flat 3/8		
5	902201090	12	Washer, Lock 3/8-16		
6	900002835	6	Bolt, Hex 3/8-16 x 1 1/2		
7	710000000	2	Lamp Amber/Amber Double 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		

Station 4 Back Rack • AS500, AS850, AS1000 & AS1200

BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200 • BACK RACK • AS500, AS850, AS1000 & AS1200

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		Must also order fitting 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		

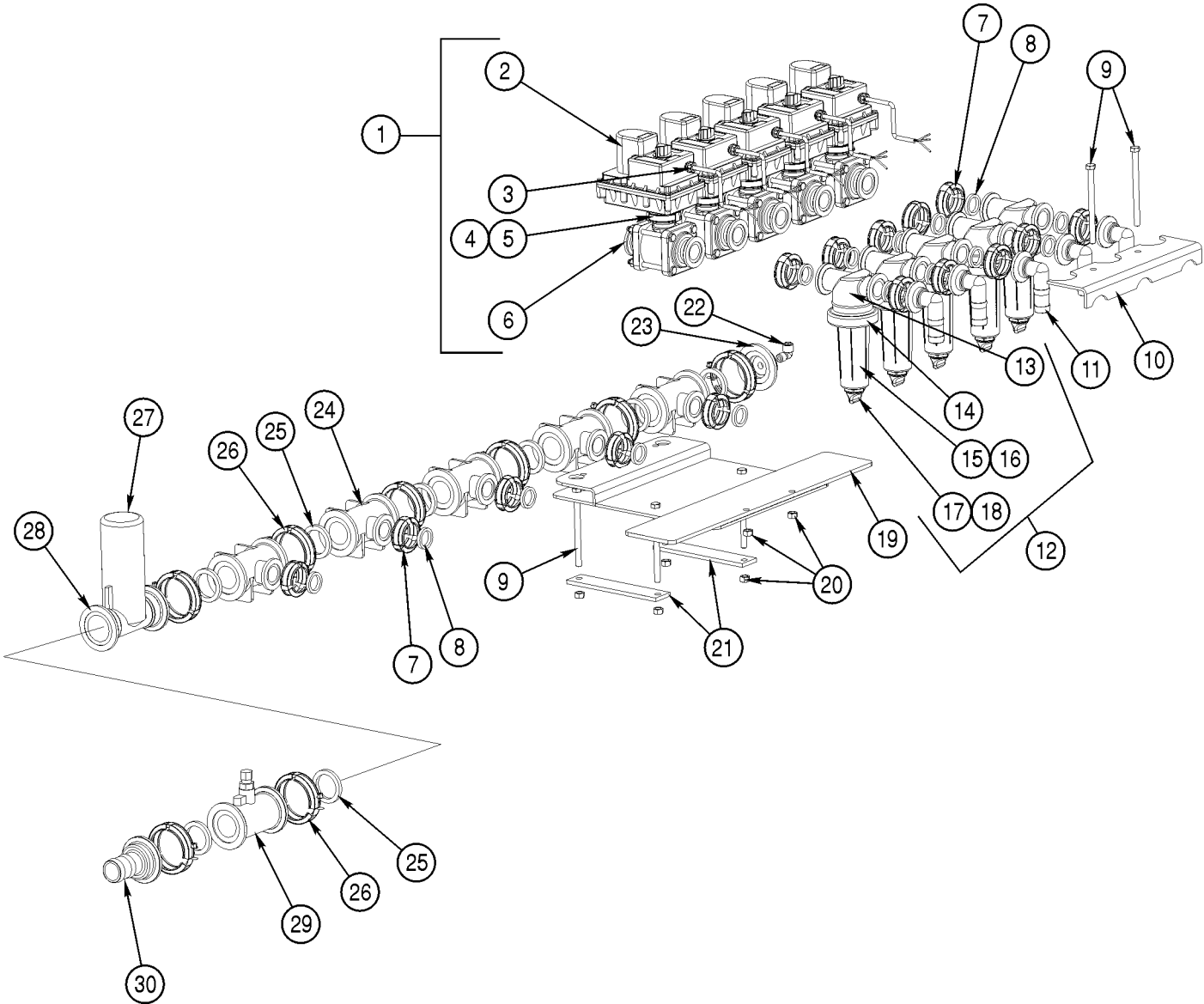
* All 2006 Apaches with 100' booms came with 600901101 fold cylinders on the back racks. These cylinders use seal kit 600901115 is the only seal kit available. If that seal kit does not fit you must order a new cylinder 600901510 & 2 of 800303022.

Station 4

Valve Block • AS500, AS850, AS1000 & AS1200

VALVE BLOCK • AS500, AS850, AS1000 & AS1200 • VALVE BLOCK • AS500, AS850, AS1000 & AS1200 • VALVE BLOCK • AS500, AS850, AS1000 & AS1200 • VALVE BLOCK • AS500, AS850, AS1000 & AS1200 • VALVE BLOCK • AS500, AS850, AS1000 & AS1200 • VALVE BLOCK

Valve Block
AS500, AS850, AS1000 & AS1200



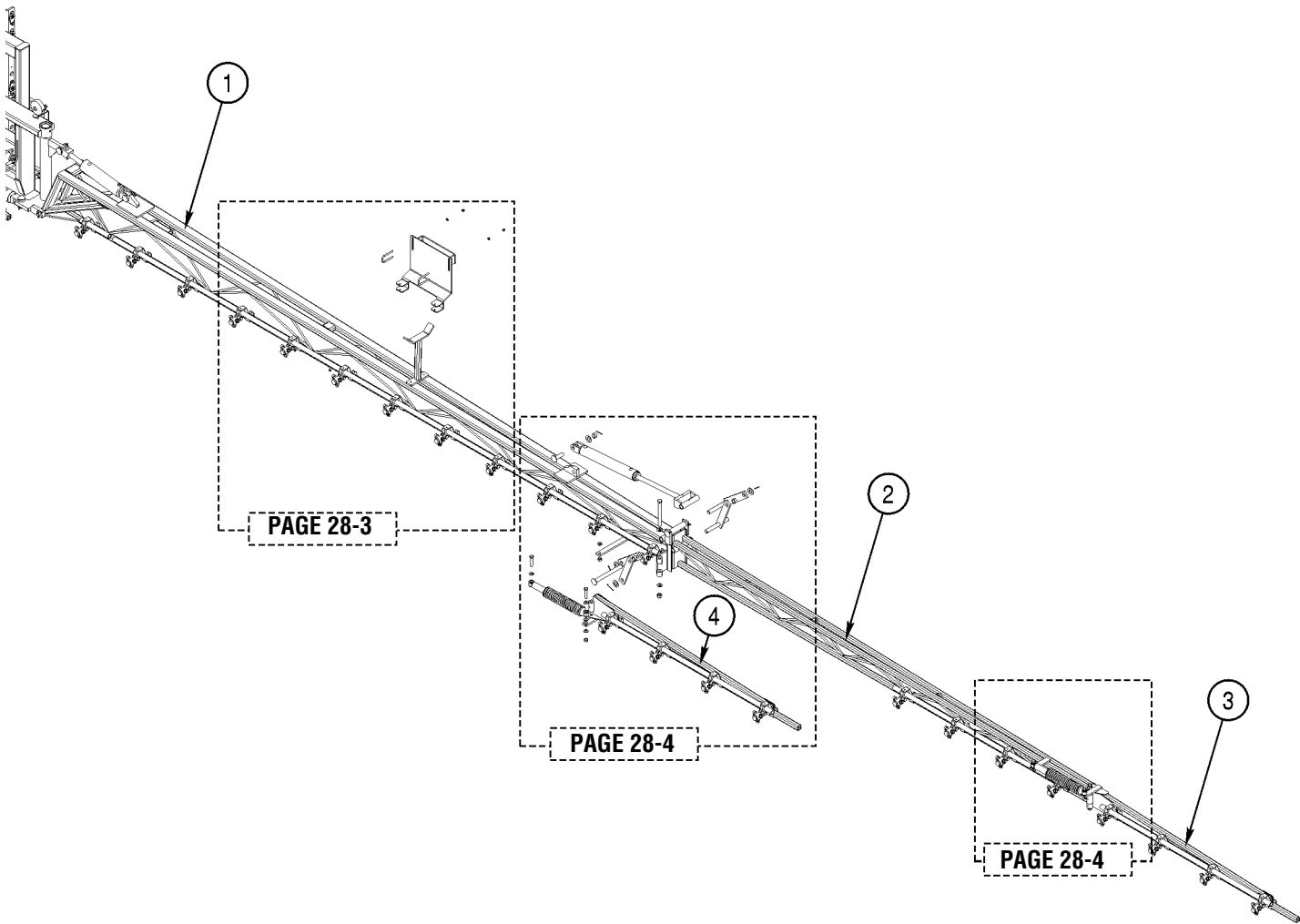
Item	Part Number	Qty	Description	Size	Comments
1	660000360	5	Valve assembly, banjo		Used after 5-25-03
2	660000361	1	Electric motor, banjo valve		Top half of 660-000-360
3	660000363	1	Stem, load banjo electric valve		Stem for 660-000-360
4	660000364	1	O-ring, banjo between motor & valve		O-ring for 660-000-360
5	640100015	1	Clamp, banjo	1"	Clamp on 660-000-360
6	660000362	1	Ball valve, banjo		Bottom half of 660-000-360
7	640100015	15	Clamp, banjo	1"	
8	640100016	15	Gasket , banjo clamp	1"	
9	900000490	6	Bolt	3/8-16 X 5	
10	690001503	1	Bracket, boom valve clamping flange		
11	640100023	5	Fitting, banjo	1"	barb X 1" flange 90 DEG
12	640100057	5	Strainer, assembly	1"	
13	640100107	1	Head, banjo strainer	1"	Head for 640-100-057
14	640100102	1	O-ring, banjo strainer		Large o-ring for 640-100-057 (body & bowl)
15	640003021	1	Element, banjo strainer	1"	flanged style, element 50 mesh"
16	640100103	1	Bowl strainer, banjo		Bowl includes drain plug and small o-ring
17	640100104	1	O-ring, banjo strainer plug		Small o-ring for 640-100-057 (bowl & plug)
18	640100105	1	Plug, banjo strainer		Plug for 640-100-057
19	690001502	1	Bracket, boom valve flange		
20	901000725	6	Nut	3/8-16 G5 ZP	
21	100400356	2	Plate backing, boom valve		
22	640020000	1	Fitting, 1/4" POPPIT 90D pressure		
23	640100038	1	Plug access, banjo	2 X 1/4" NPT	
24	640100083	5	Flange tee, banjo	2" x 2"	standard port X 1"
25	640100014	8	Gasket , banjo clamp	2"	standard port
26	640100013	8	Clamp 1 1/2" banjo		
27	611000053	1	Servo valve		
28	611000063	1	Cover, servo valve		
29	611000052	1	Flowmeter w/ sensor		
30	640100018	1	Fitting, banjo	2"	flange 1 1/2" hose
	640100062	1	Valve station assembly, five bank		Includes all five banjo valves assembled to tees

Station 4

60', 80', 90', 60'/80' & 60'/90' Boom Wing Assembly • AS500, AS850, AS1000 & AS1200

60', 80', 90', 60'/80' & 60'/90' BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 · 60', 80', 90', 60'/80' & 60'/90' BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 · 60', 80', 90', 60'/80' & 60'/90' BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200

Boom Wing Assembly
AS500, AS850, AS1000 & AS1200
60', 80', 90', 60'/80' & 60'/90' Booms



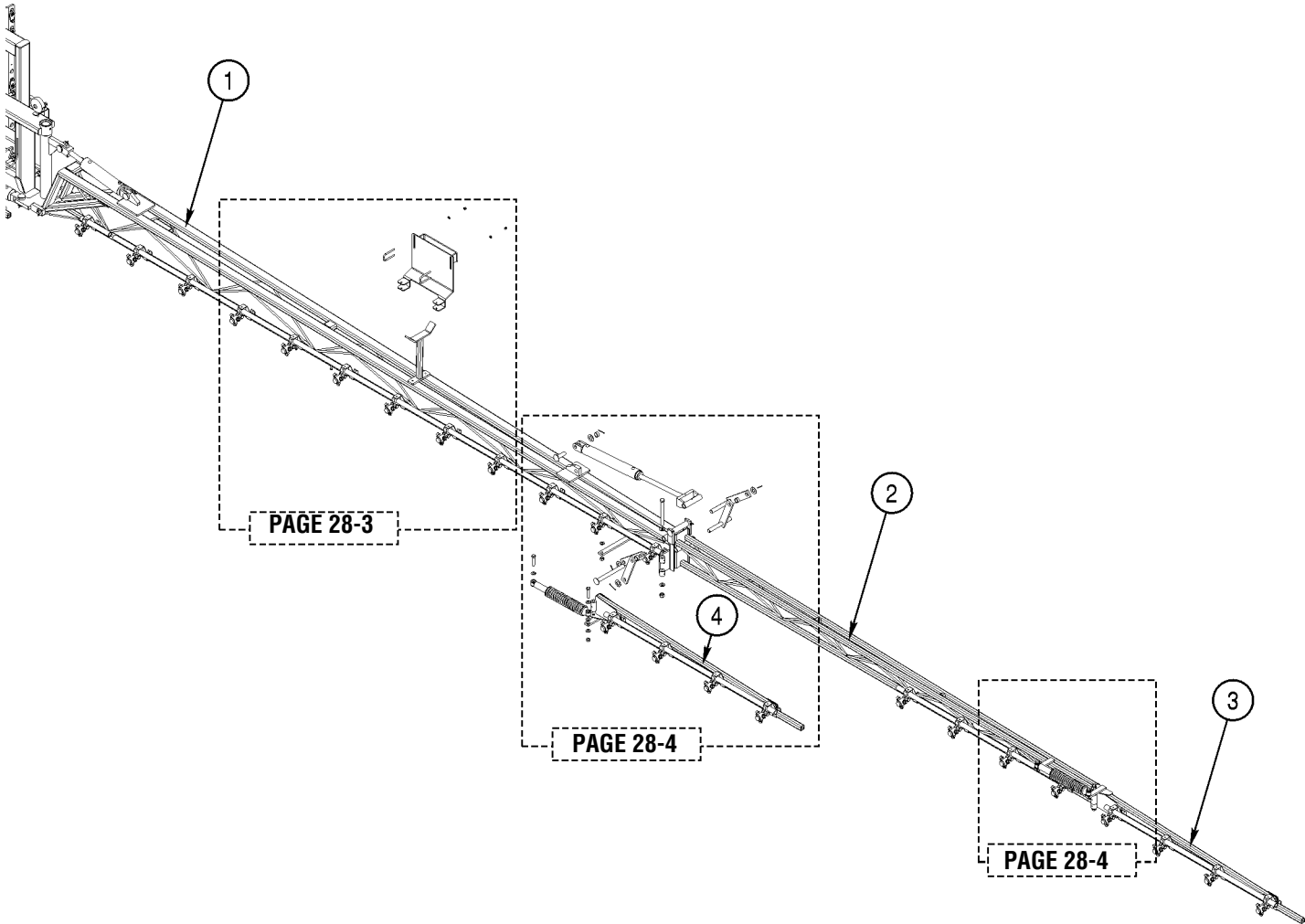
Item	Part Number	Qty	Description	Size	Comments
1A	600901161	1	Inner Boom, R/H 4 Point Hitch		60/80/90'
1B	600901185	1	Inner Boom, L/H 4 Point Hitch		60/80/90'
1C	600901197		Inner Boom, L/H 100'		
1D	600901198		Inner Boom, R/H 100'		
2A	600901168		Intermediate section, R/H 80'		Same as 60/80'
2B	600901169		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'

Station 4

100' Boom Wing Assembly • AS850, AS1000 & AS1200

100' BOOM WING ASSEMBLY • AS850, AS1000 & AS1200 · 100' BOOM WING ASSEMBLY • AS850, AS1000 & AS1200 · 100' BOOM WING ASSEMBLY • AS850, AS1000 & AS1200 · 100' BOOM WING ASSEMBLY • AS850, AS1000 & AS1200 · 100' BOOM WING ASSEMBLY • AS850, AS1000 & AS1200

AS850, AS1000 & AS1200
100' Booms



Item	Part Number	Qty	Description	Size	Comments
1A	600901197*		Inner boom, left hand 100		Accumulator on boom wing part #600901513 200 psi; Also order clamp part #290000756 & fitting part #800303031.
1B	600901198*		Inner boom, right hand 100		Accumulator on boom wing part #600901513 200 psi; Also order clamp part #290000756 & fitting part #800303031.
2A	600901196**		Intermediate section, right 100		
2B	600901195**		Intermediate section, left 100		
3A	600901184		Breakaway, right hand		All 100' booms & first breakaway on 66/90'
3B	600901183		Breakaway, left hand		All 100' booms & first breakaway on 66/90'
	692000100	1	Bumper, boom/door		Early 2006 models

* The 600901197 & 600901198 are now replaced by the 600901236. The 600901236 is for both the left & right side. The 600901236 has a larger bottom tube is the reason for the other part changes. You must also order the parts listed below when installing the 600901236 in place of either the 600901197 or 600901198.

Part Number	Qty	Description
600901232	1	Boom hanger
900002875	2	Bolt 3/8-16X 3-1/2" G5
902003200	12	Flat washer 3/8"
901003020	8	Lock nut 3/8-16
620000854	2	U-bolt 3/8-16X2X4
600901124	1	Inner boom pin
600901125	1	Intermediate boom pin
600000166	9	Nozzle body brackets
900031811	9	Bolt SS 1/4-20X 2-3/4" for 600000166
901003001	9	Nut SS 1/4-20 for 900031811
600901237	2	Linkage arm (attaches to inner boom)

** 600901196 is now replaced by 600901247.

** 600901195 is now replaced by 600901248.

When installing the 600901247 or 600901248 you must also order the following parts:

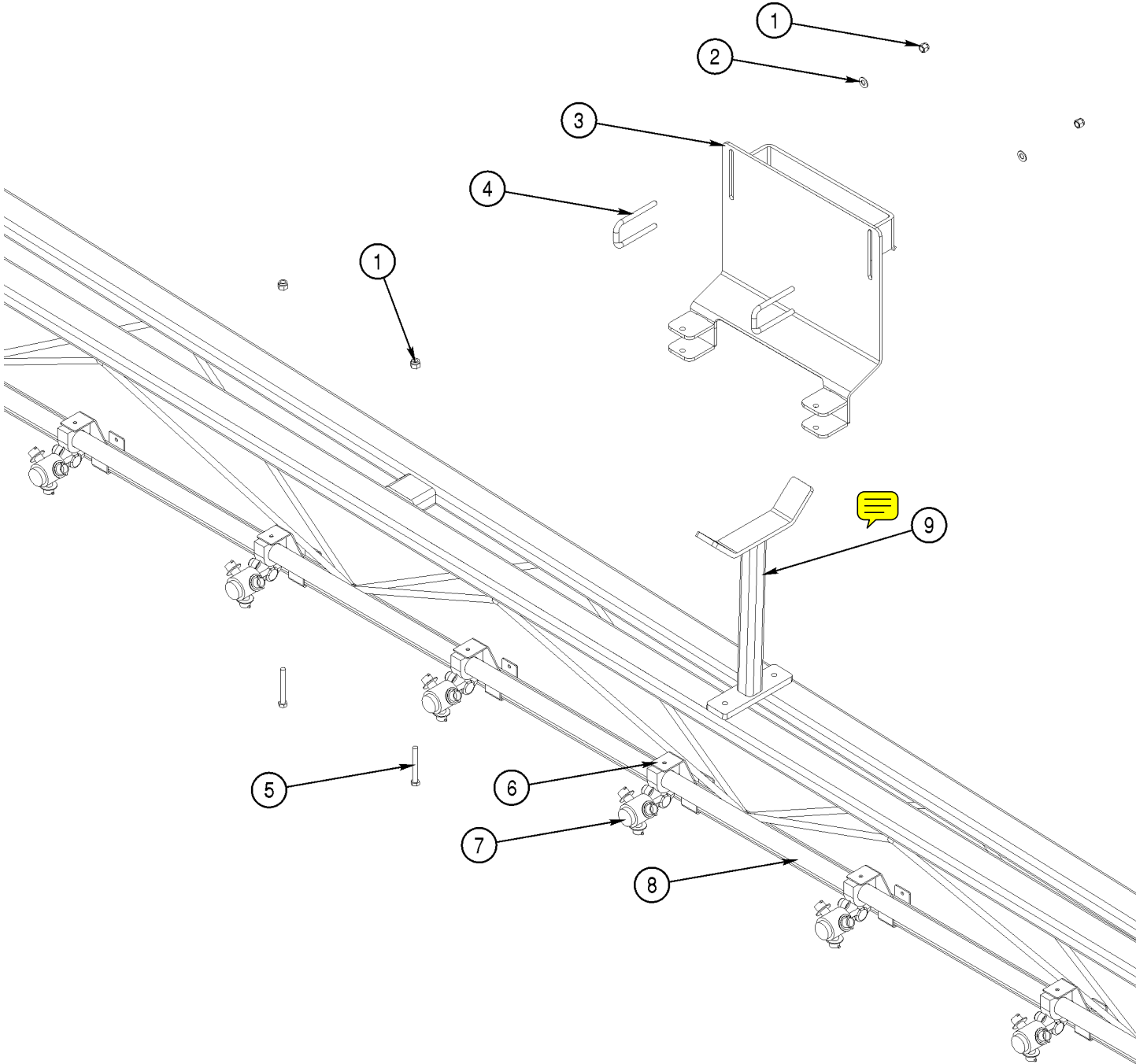
Part Number	Qty	Description
600901237	2	Boom linkage
600901125	1	Intermediate pin
600901126	1	Breakaway pin

The 2006 Apaches with 100' booms contained an intermediate (#2) boom part that measured 160" on the bottom tube, inside-to-inside measurement. The new parts, 600901247 and 600901248, measure 176".

Station 4 Boom Wing Assembly • AS500, AS850, AS1000 & AS1200

BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY

AS500, AS850, AS1000 & AS1200
Boom Wing Brackets

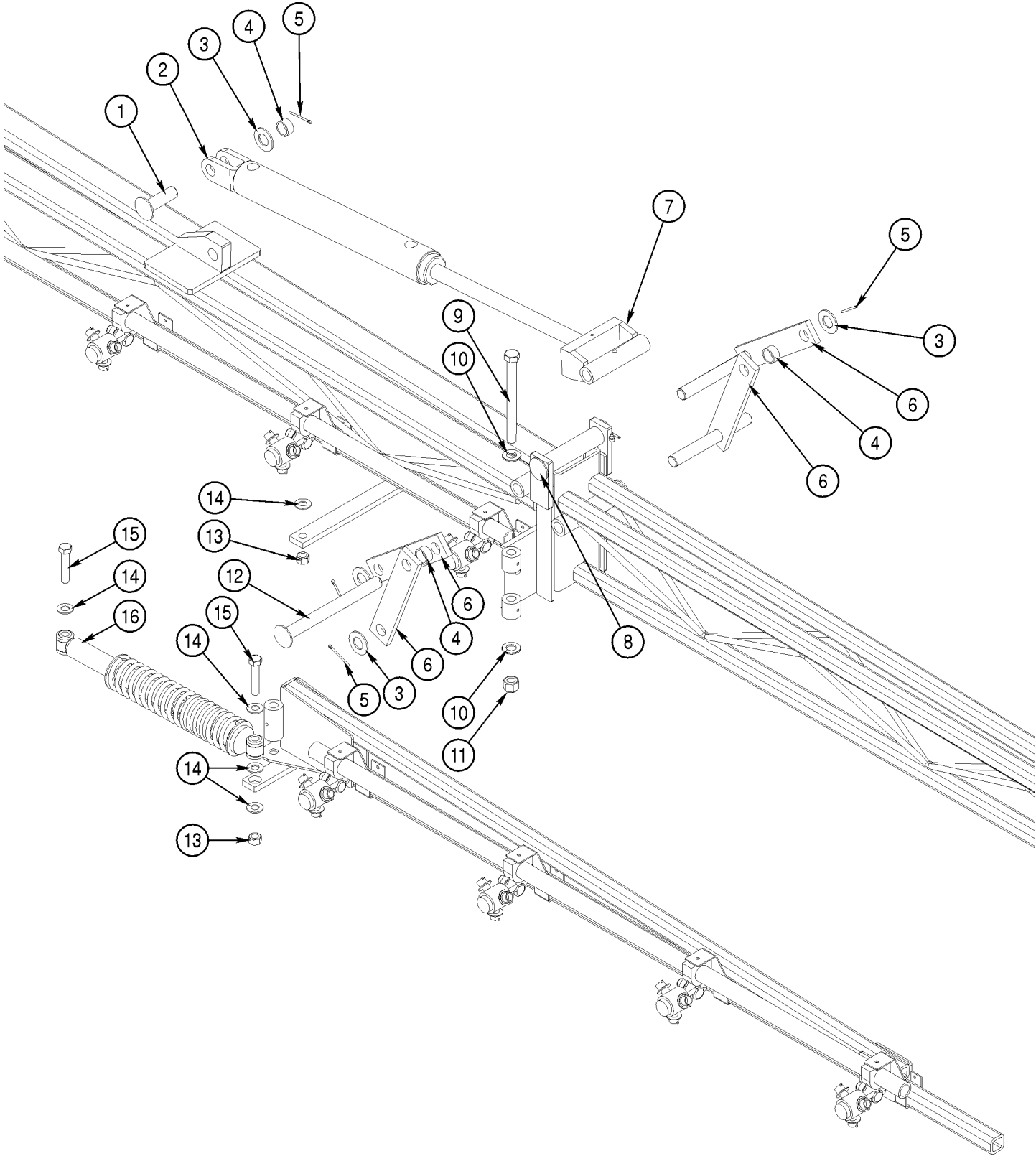


Item	Part Number	Qty	Description	Size	Comments
1	901003020	6	Nut, nylock 3/8-16 ZP		
2	902003045	4	Washer, flat 3/8"		
3	620000860	1	Boom clamp weldment		
4	620000854	2	U-bolt		
5	900000450	2	Bolt, hex 3/8-16 X 3"		
6	600000150	as required	Nozzle bracket		Part #600000174 is a Stainless Steel bracket and is less expensive bolt part #900031811 & nut part #901003001
7	610000151	as required	Nozzle body		
8	RM800860	as required	Pipe, black poly 1" DIA		
9	600901190	1	Boom rest		
	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" ZP		Washer, nozzle bracket to boom, not shown
	902003040	as required	Washer, flat 5/16" ZP		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

Station 4 Boom Wing Assembly • AS500, AS850, AS1000 & AS1200

BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY • AS500, AS850, AS1000 & AS1200 • BOOM WING ASSEMBLY

Boom Wing Breakaway



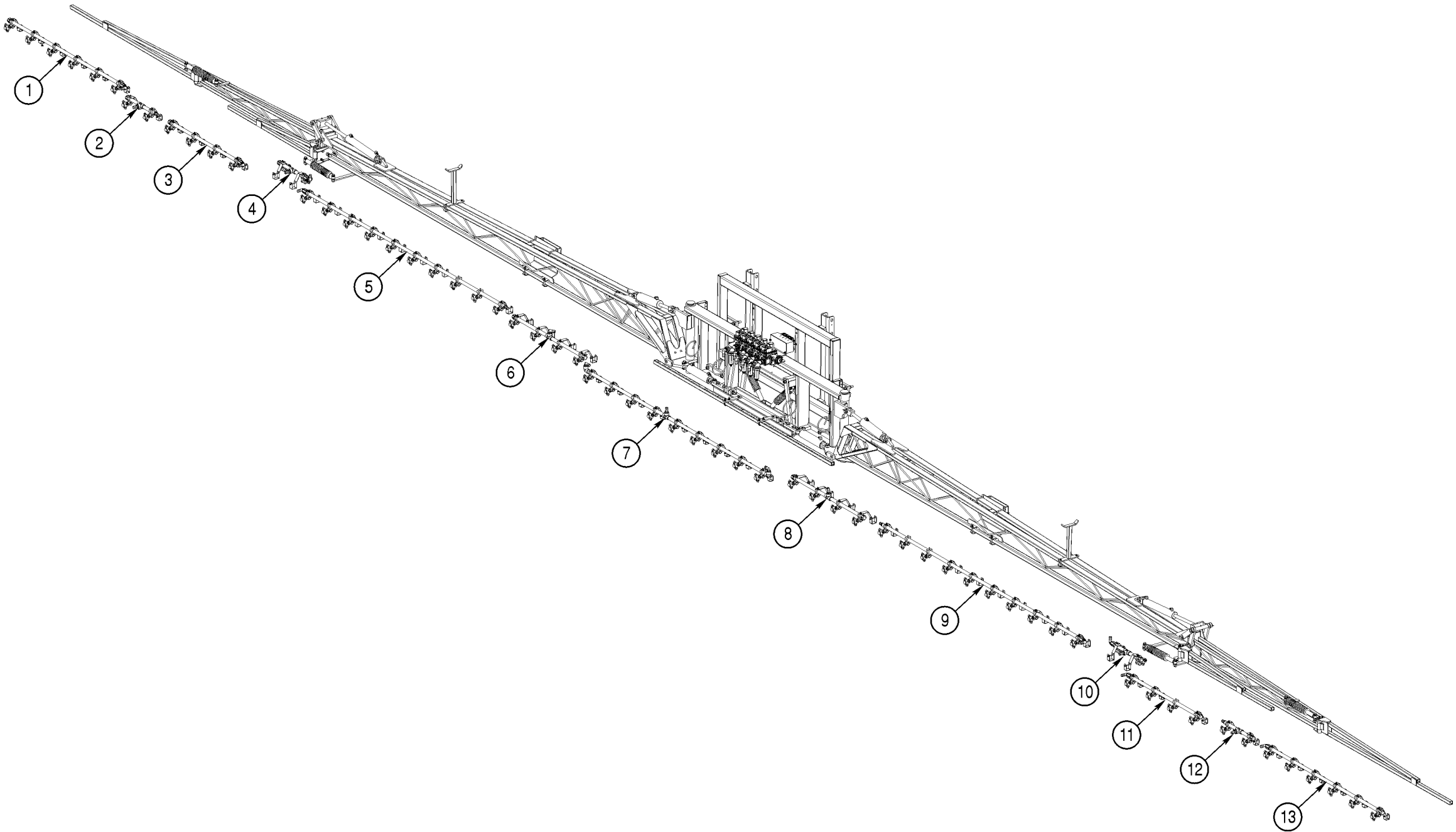
Item	Part Number	Qty	Description	Size	Comments
1A	600901055	1	Pin, boom 1 OD X 3 long		
1B	600901519	1	Pin, cylinder 1 X 3 barrel end		Included with #2 & #2B
2A	600901511	1	Cylinder, tip 2.5 X 16		Seal kit #600901516, Must also order fitting #800303022, 1 per cylinder.
2B	600901104*	1	Cylinder, tip 3 X 16 Cross tie rod		100' boom only, seal kit #600901111, Fittings #600901107
2C	600901508*	1	Cylinder, tip 3 X 16 welded		100' boom only, seal kit #600901507
3	902003080	6	Washer, flat 1		
4	600901244	3	Spacer, boom pin		
5	600901241	6	Cotter pin 5/32 OD X 2 long		
6	600901230	4	Linkage arm		
7	600901205	1	Clevis, tip cylinder		
8	600901240	1	Pin, boom		
9	900004005	1	Bolt, hex 3/4-10 X 8 G5 ZP		
10	902003070	2	Washer, flat 3/4 ZP		
11	901003074	1	Nut, nylock 3/4-10		
12	600901260	1	Pin, boom 1 OD X 10 1/8		
13	901000003	2	Nut, nylock 9/16-12 ZP		
14	902201126	5	Washer, flat 9/16 ZP		
15	900004008	2	Bolt, hex 9/16-12 X 3 1/2 G5 ZP		
16	600901251	1	Shock, boom		Breakaway only. Must send fasteners with shocks: 9/16" x 3" bolt, #900004008, qty 2; Nylock nut, #901000003, qty 2; 9/16" flat washer, #902201126, qty4. See service bulletin #05-05.
	600901521	2	Pin, cotter for cyl. Pin #1A		Not shown, Included with #2 & 2B

* Both cylinders were used in 2006; the 600901104 will have 4 tie rods going the length of the barrel.

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

Boom Plumbing
5 Section Valve Block
60°-80° & Straight 80° Boom (nozzle spacing 15” on center)



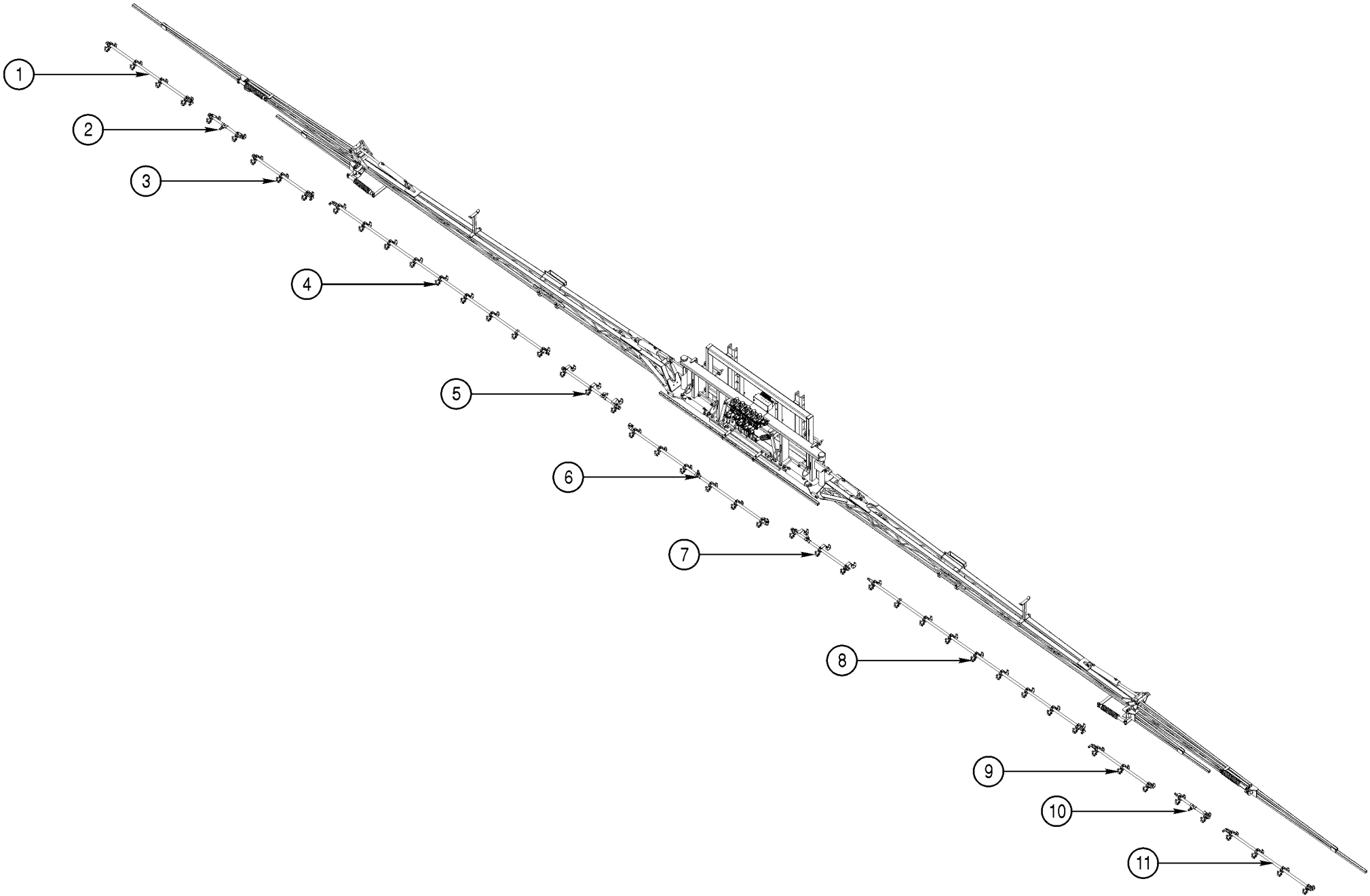
Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Breakaway 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001197	1	Spray Bar, Inter 15 RS 15 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Breakaway 15 RS 45 LNG 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, Breakaway 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, Breakaway 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

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

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



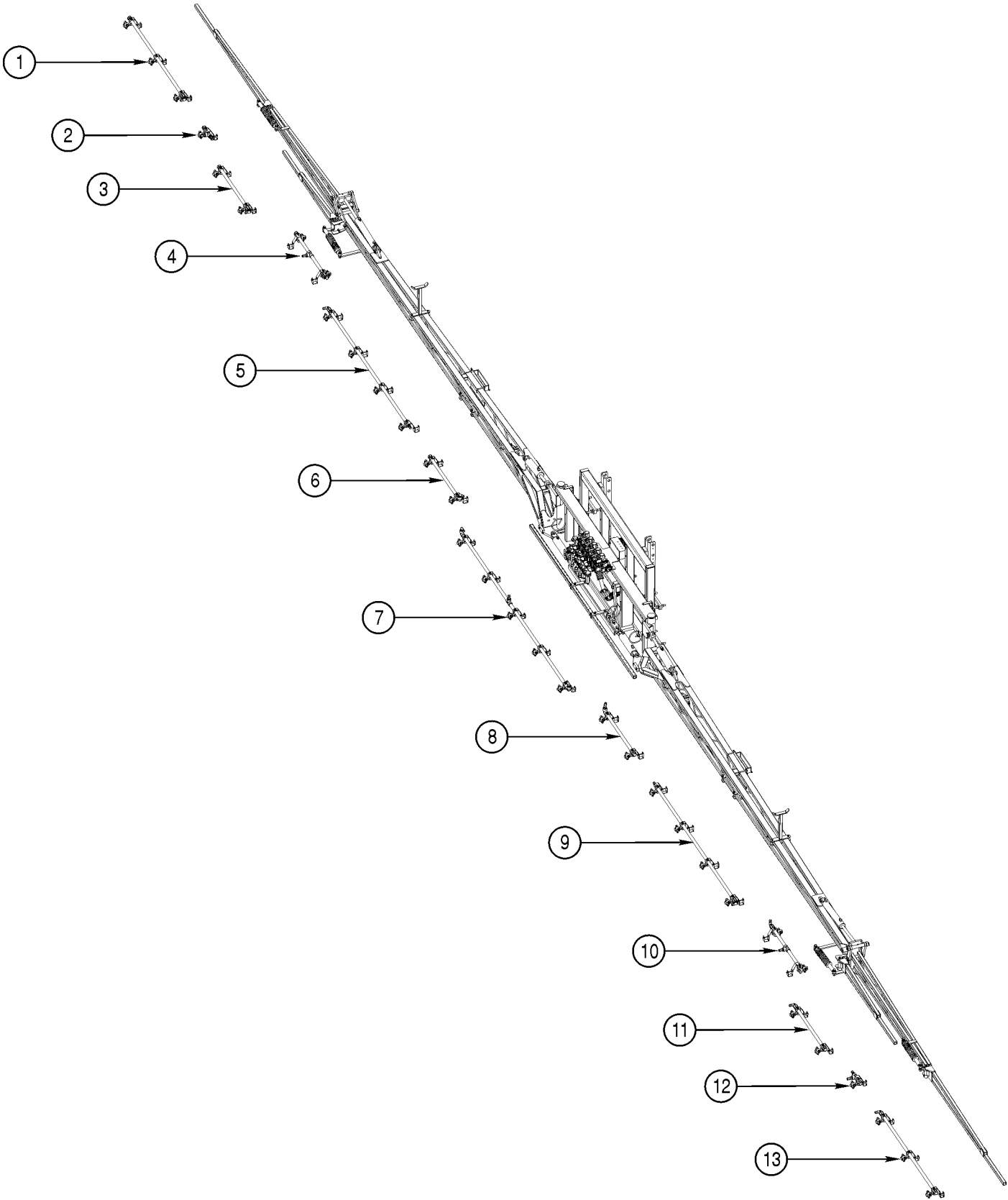
Item	Part Number	Qty	Description	Size	Comments
1	690001764	1	Spray Bar, Breakaway 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001766	1	Spray Bar, Inter 20 RS 20 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Breakaway 20 RS 40 LNG 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, Breakaway 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, Breakaway 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

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

60°-80° & Straight 80° Boom (nozzle spacing 30" on center)



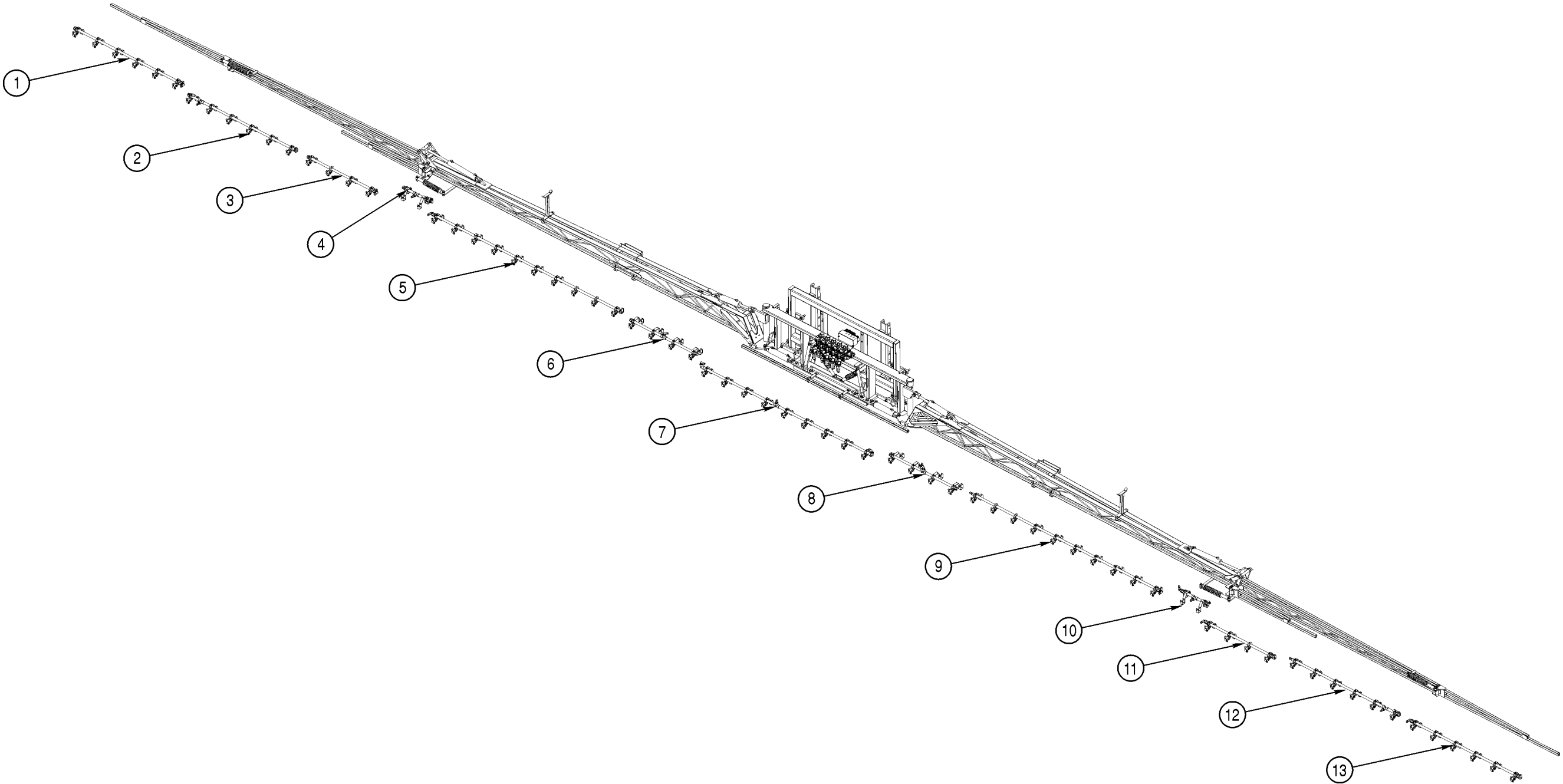
Item	Part Number	Qty	Description	Size	Comments
1	690001213	1	Spray Bar, Breakaway 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001215	1	Spray Bar, Inter 30 RS 1 Nozzle LH		Does not include nozzle body brackets & nozzle bodies
3	690001209	1	Spray Bar, Breakaway 30 RS 30 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, Breakaway 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, Breakaway 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

Station 4

Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

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



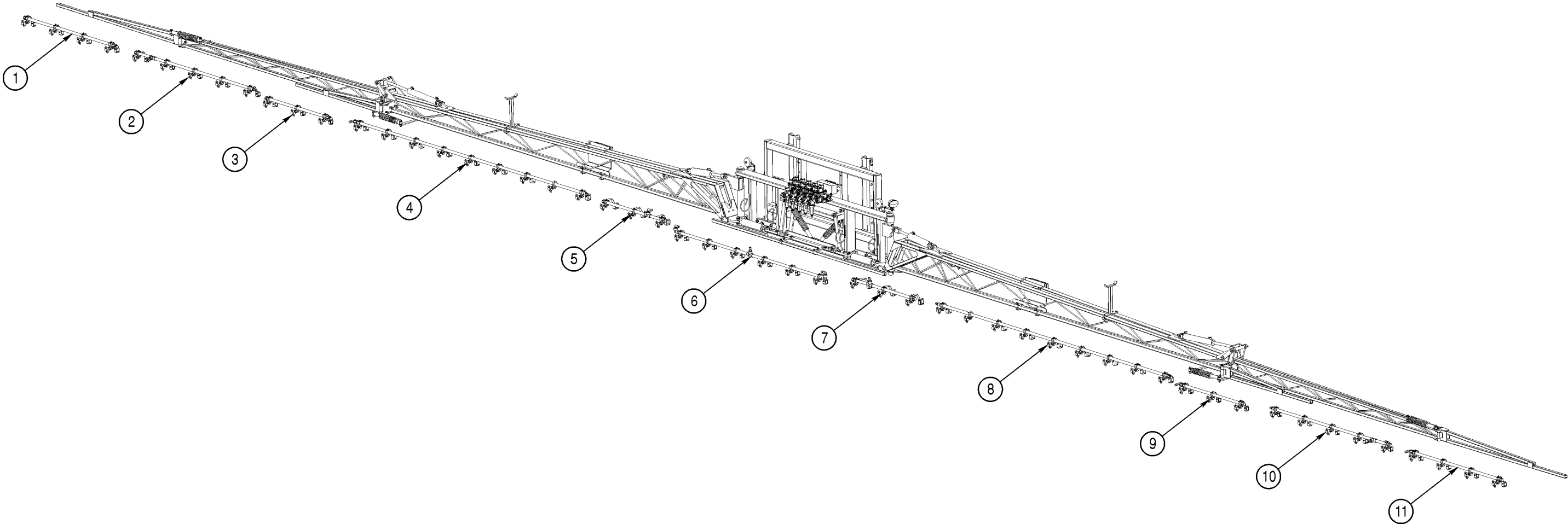
Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Breakaway 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001193	1	Spray Bar, Inter 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Breakaway 15 RS 45 LNG 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, Breakaway 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, Breakaway 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

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

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

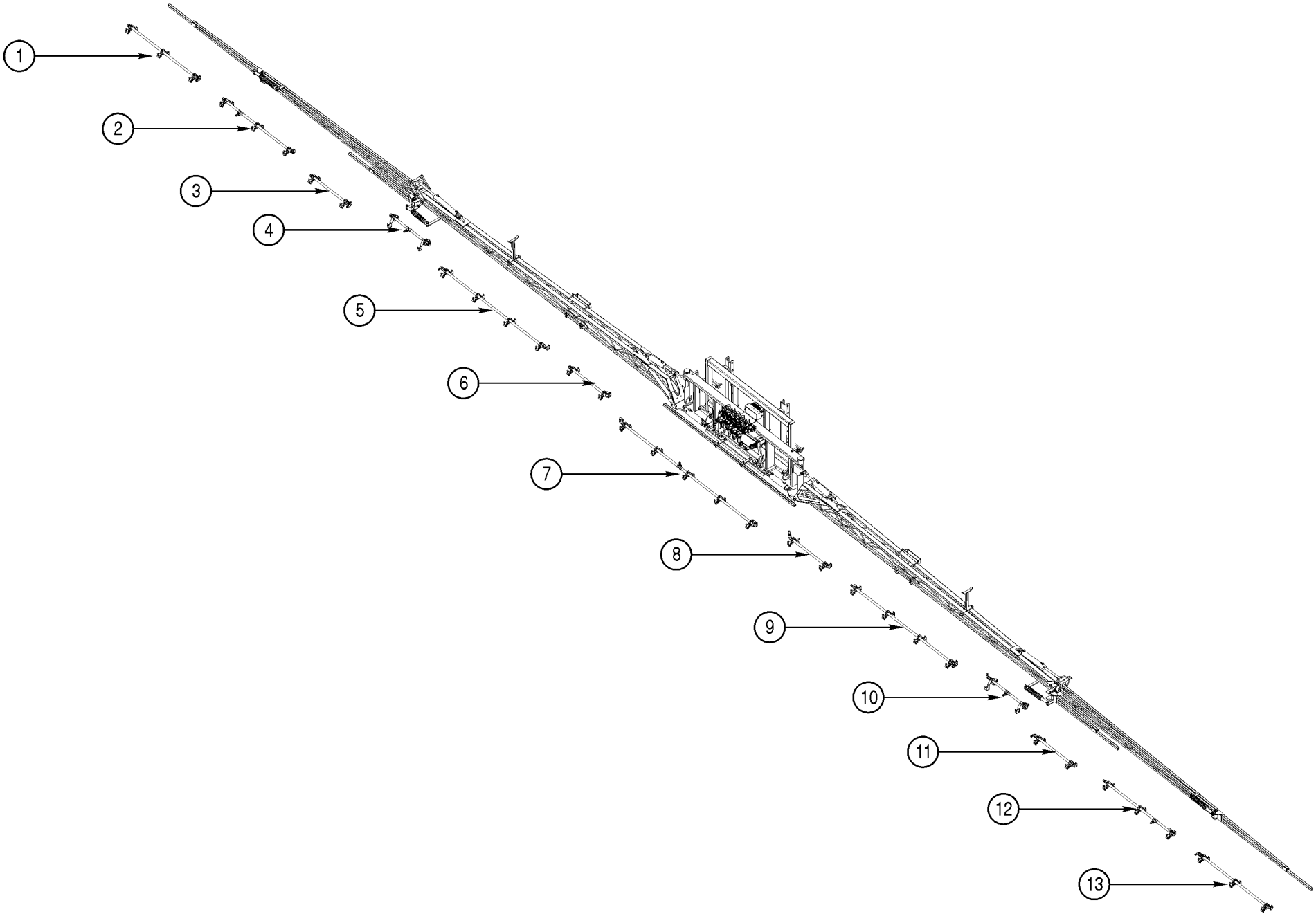


Item	Part Number	Qty	Description	Size	Comments
1	690001764	1	Spray Bar, Breakaway 20 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Breakaway 20 RS 40 LNG 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, Breakaway 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, Breakaway 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

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

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



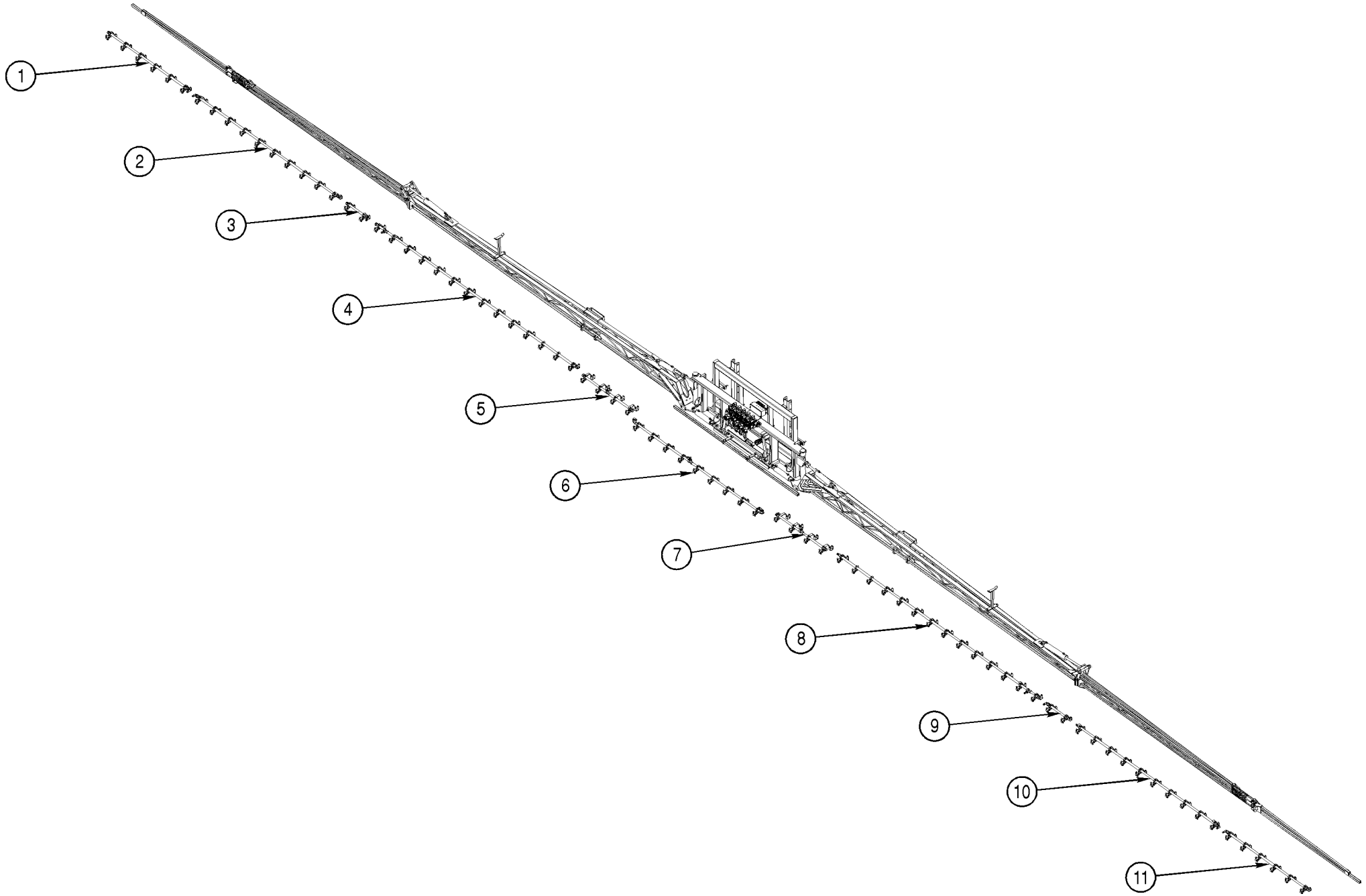
Item	Part Number	Qty	Description	Size	Comments
1	690001213	1	Spray Bar, Breakaway 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001211	1	Spray Bar, Inter 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001209	1	Spray Bar, Breakaway 30 RS 30 LNG 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, Breakaway 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, Breakaway 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

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

100' Boom (nozzle spacing 15" on center)



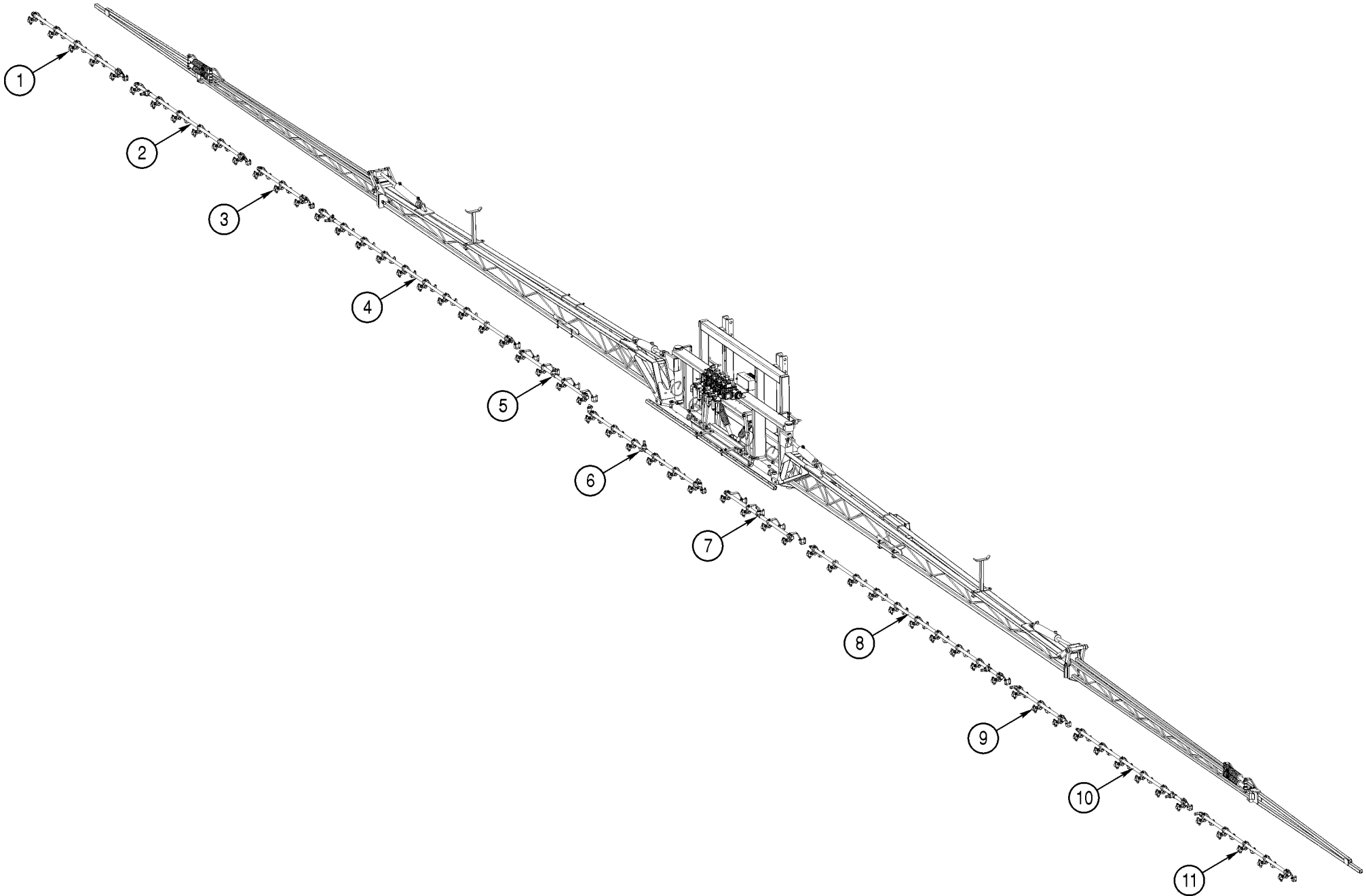
Item	Part Number	Qty	Description	Size	Comments
1	690001195	1	Spray Bar, Breakaway 15 RS 75 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001201	1	Spray Bar, Inter 15 RS 15 LNG LH		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, Breakaway 15 RS 75 LNG RH		Does not include nozzle body brackets & nozzle bodies Includes 1 each of Items 1 - 11
	690001772	1	Boom Plumbing, Assy 100 15 RS		

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

100' Boom (nozzle spacing 20" on center)



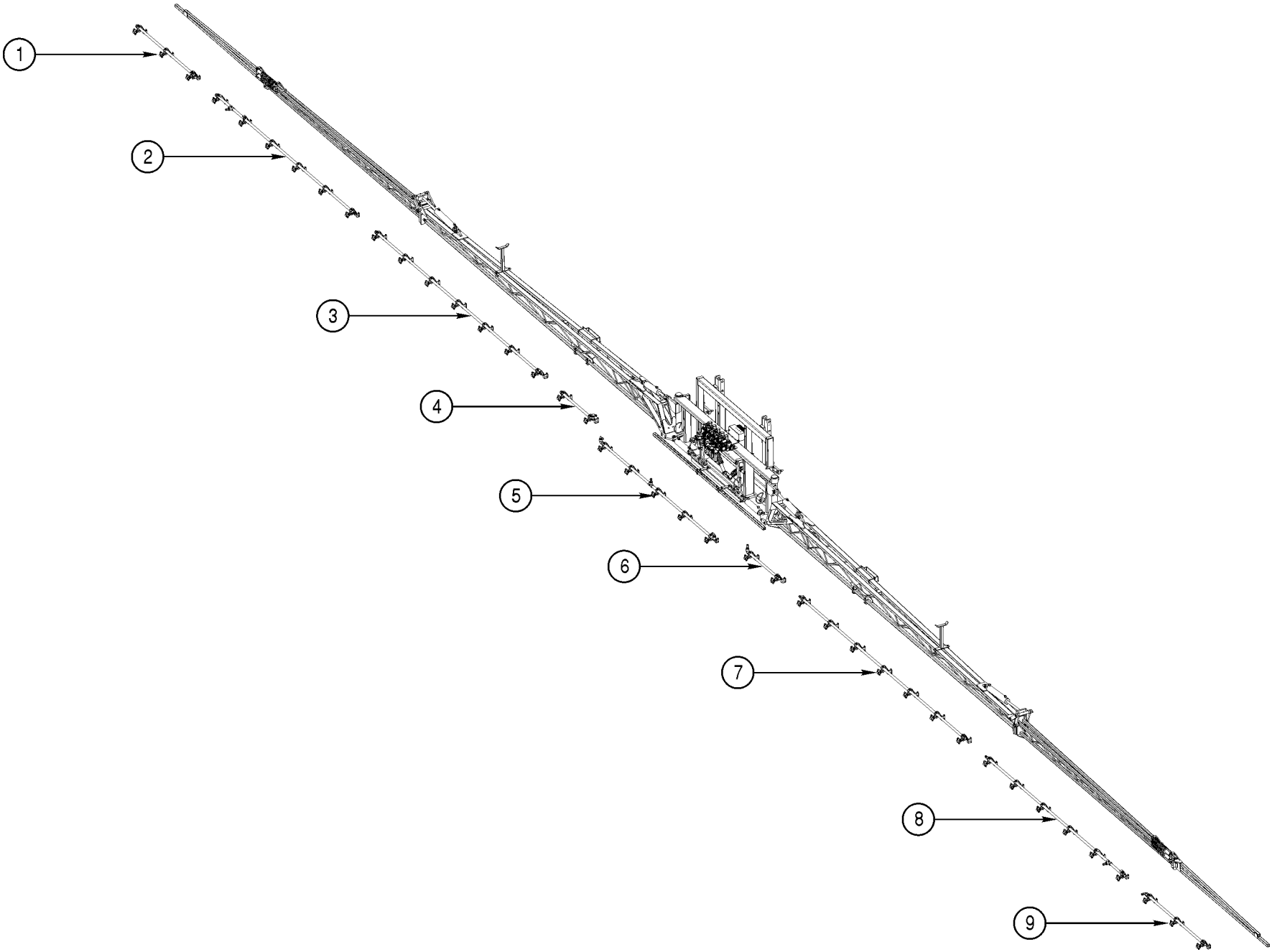
Item	Part Number	Qty	Description	Size	Comments
1	690001185	1	Spray Bar, Breakaway 20 RS 80 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001183	1	Spray Bar, Inter 20 RS 100 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Breakaway 20 RS 40 LNG 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, Breakaway 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, Breakaway 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

Station 4 Boom Plumbing • 5 Section Valve Block

BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING • 5 SECTION VALVE BLOCK • BOOM PLUMBING

100' Boom (nozzle spacing 30" on center)

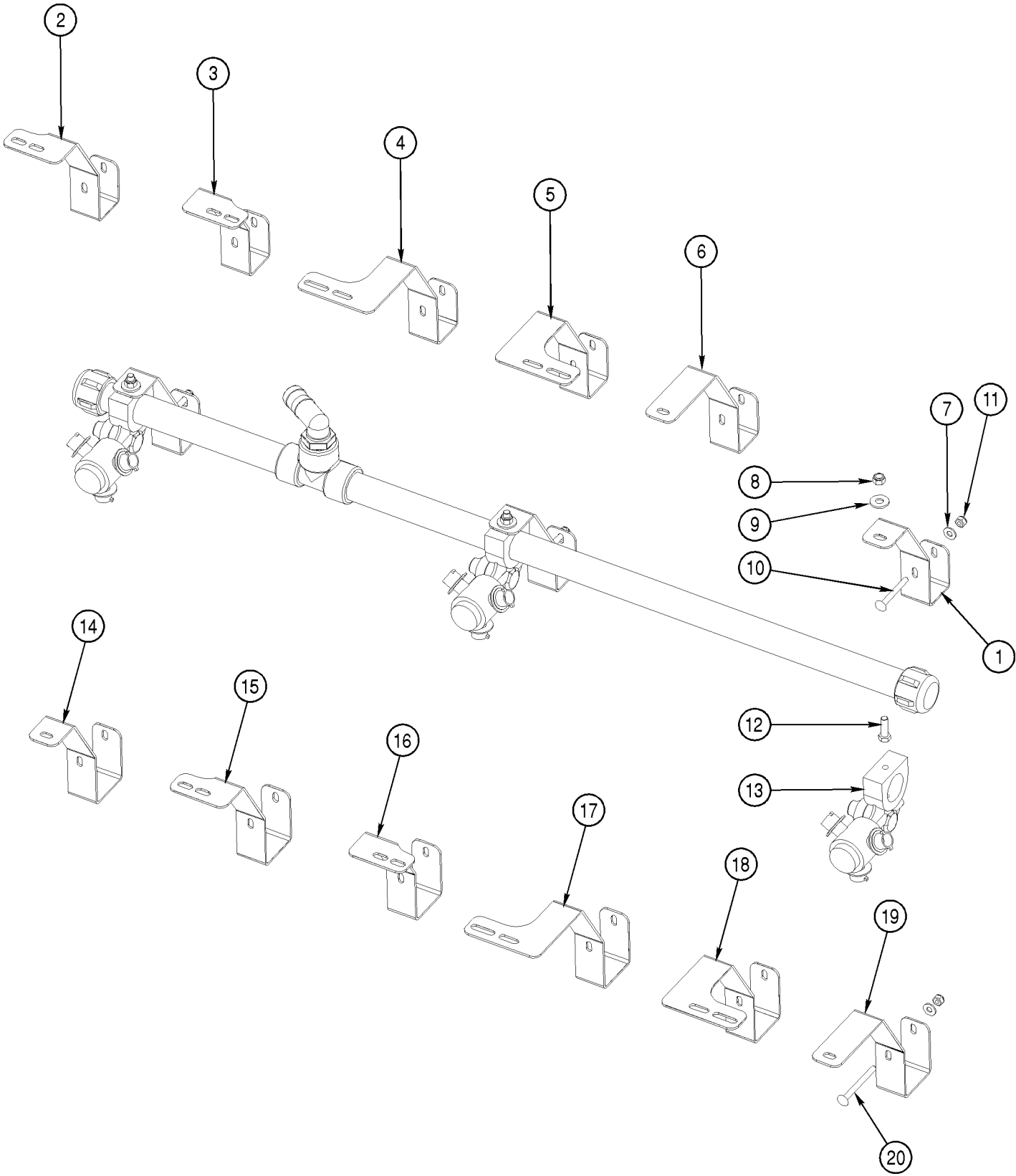


Item	Part Number	Qty	Description	Size	Comments
1	690001213	1	Spray Bar, Breakaway 30 RS 60 LNG LH		Does not include nozzle body brackets & nozzle bodies
2	690001221	1	Spray Bar, Inter 30 RS 150 LNG LH		Does not include nozzle body brackets & nozzle bodies
3	690001217	1	Spray Bar, Inner 30 RS 120 LNG 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, Breakaway 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

Station 4 Boom Plumbing • Nozzle Brackets

BOOM PLUMBING • NOZZLE BRACKETS • BOOM PLUMBING • NOZZLE BRACKETS • BOOM PLUMBING • NOZZLE BRACKETS • BOOM PLUMBING • NOZZLE BRACKETS • BOOM PLUMBING • NOZZLE BRACKETS • BOOM PLUMBING • NOZZLE BRACKETS • BOOM PLUMBING • NOZZLE BRACKETS

Nozzle Brackets

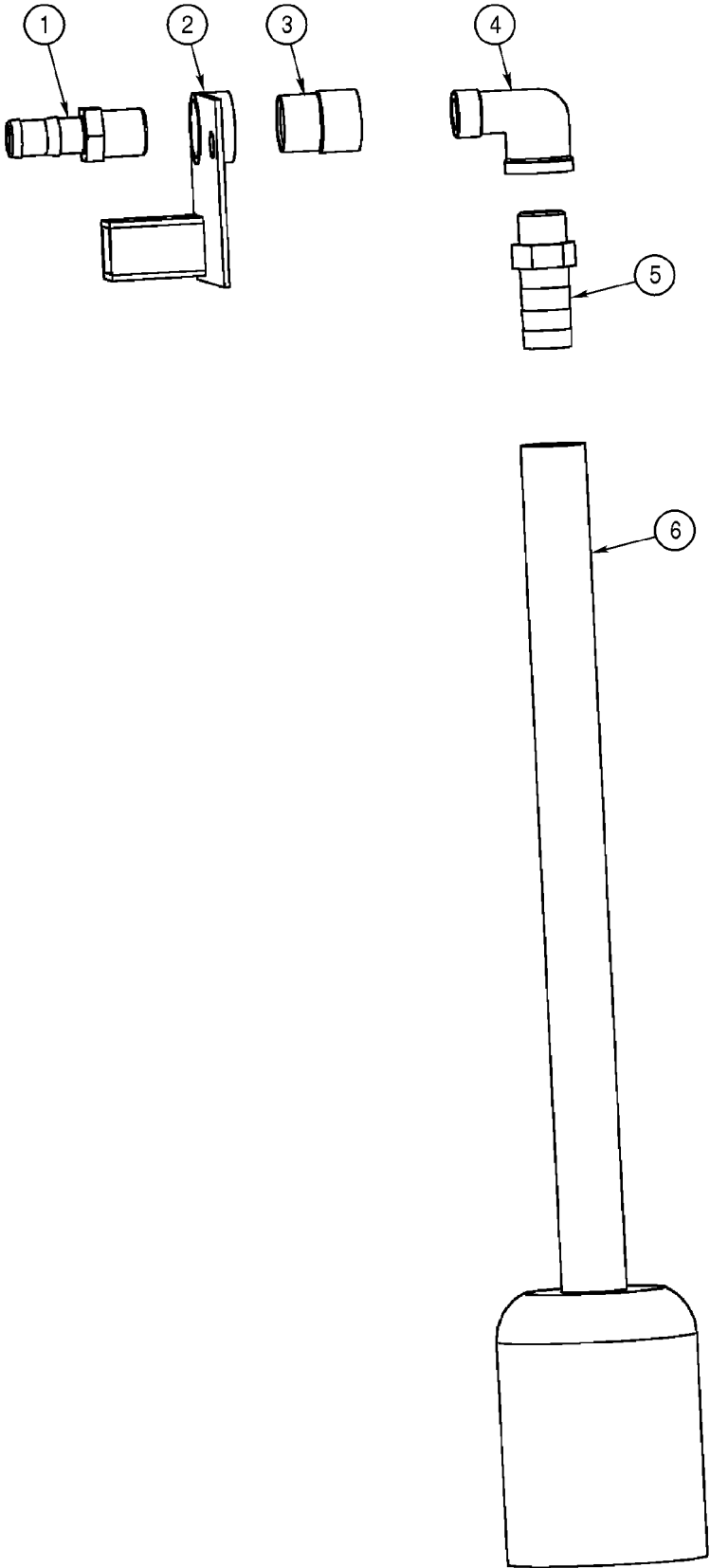


Item	Part Number	Qty	Description	Size	Comments
1	600000174	A/R	Bracket, Nozzle Body Standard SS	1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
2	600000175	A/R	Bracket, Nozzle Body Offset Left SS	1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
3	600000176	A/R	Bracket, 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

Station 4 Boom Plumbing • Foam Drop Tube

BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING • FOAM DROP TUBE • BOOM PLUMBING

Foam Drop Tube

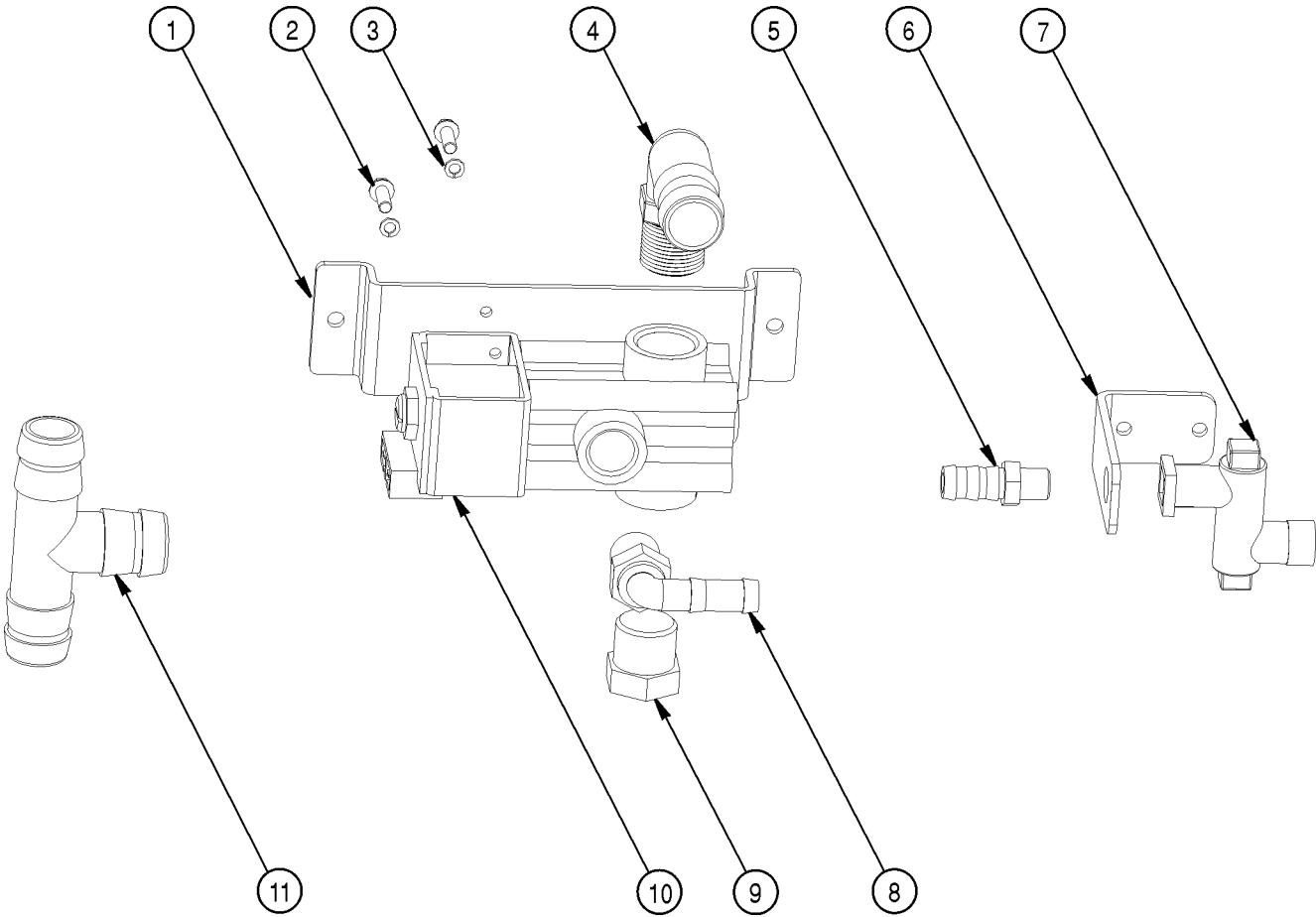


Item	Part Number	Qty	Description	Size	Comments
1	640000550	1	Hose barb		3/4"
2	690001514	1	Foamer nozzle bracket, right		Left bracket 690-001-515
3	650001010	1	Coupling, .750 black pipe steel		3/4" Black pipe steel
4	640400017	1	Fitting, street elbow		3/4" NP SS
5	640400016	1	Hose barb		3/4" NPT X 1" hose SS
6	540000065	1	Drop and outlet foam marker, SKS		
	540000068	1	Screen in foam boot		

Station 4 Boom Plumbing • Fencerow Nozzle

BOOM PLUMBING • FENCEROW NOZZLE • BOOM PLUMBING • FENCEROW NOZZLE • BOOM PLUMBING • FENCEROW NOZZLE • BOOM PLUMBING • FENCEROW NOZZLE • BOOM PLUMBING • FENCEROW NOZZLE • BOOM PLUMBING • FENCEROW NOZZLE • BOOM PLUMBING • FENCEROW NOZZLE

Fencerow Nozzle

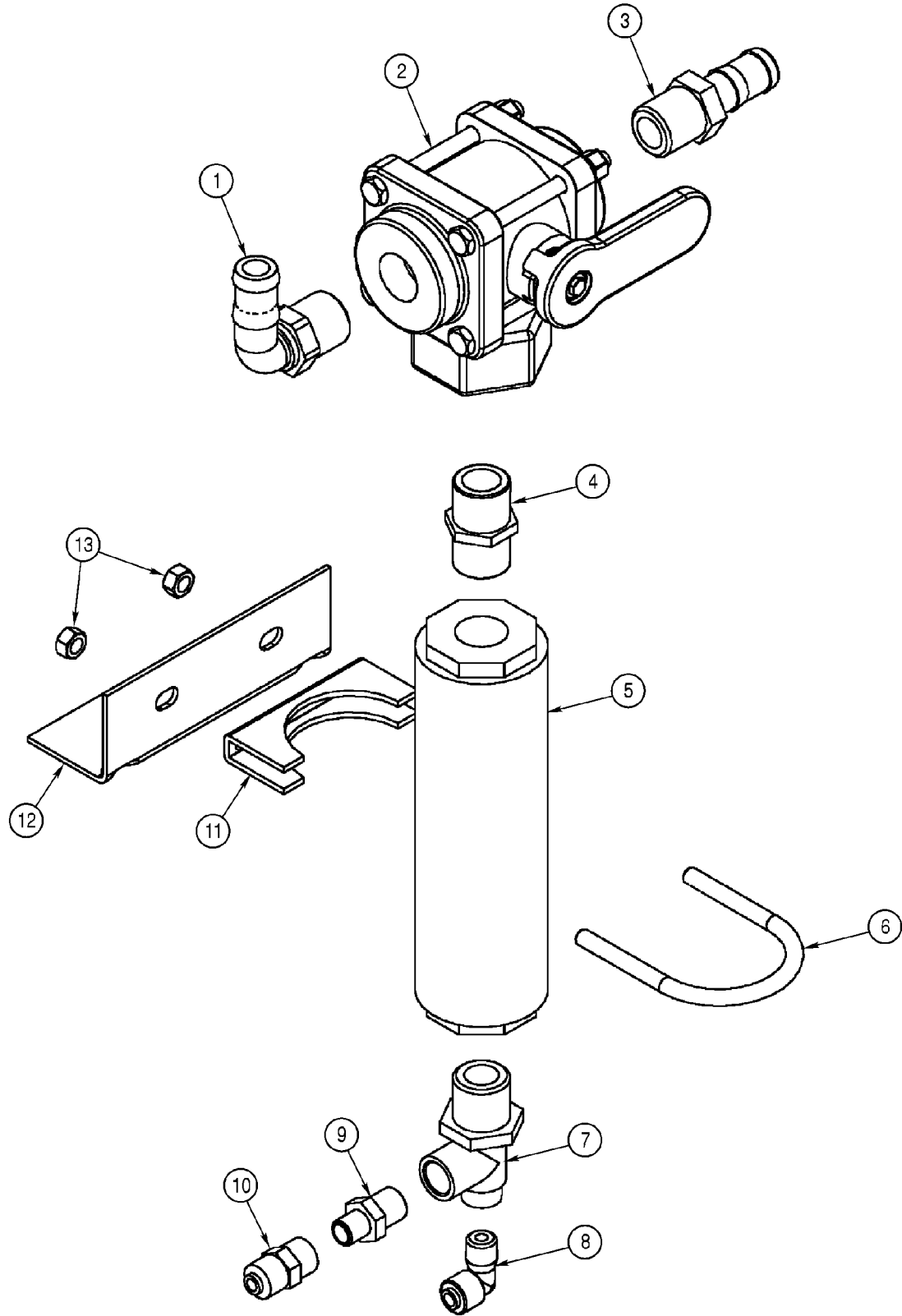


Item	Part Number	Qty	Description	Size	Comments
1	690001530	1	Fence Row Solenoid Bracket		
2	400000327	2	Capscrew, Buttonhead #10-24 X 1/2		
3	901000243	2	Washer, Lock # 10		
4	640000620	1	Fitting, Elbow 3/4" Pipe to 1" Hose		
5	201410102	1	Fitting, 125HB 8-4		
6	690001538	1	Nozzle Bracket		
7	610000152	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

Station 4 Boom Plumbing • Foam Mixing Chamber Assembly

BOOM PLUMBING • FOAM MIXING CHAMBER ASSEMBLY • BOOM PLUMBING • FOAM MIXING CHAMBER ASSEMBLY • BOOM PLUMBING • FOAM MIXING CHAMBER ASSEMBLY • BOOM PLUMBING • FOAM MIXING CHAMBER ASSEMBLY • BOOM PLUMBING • FOAM MIXING CHAMBER ASSEMBLY

Foam Mixing Chamber Assembly



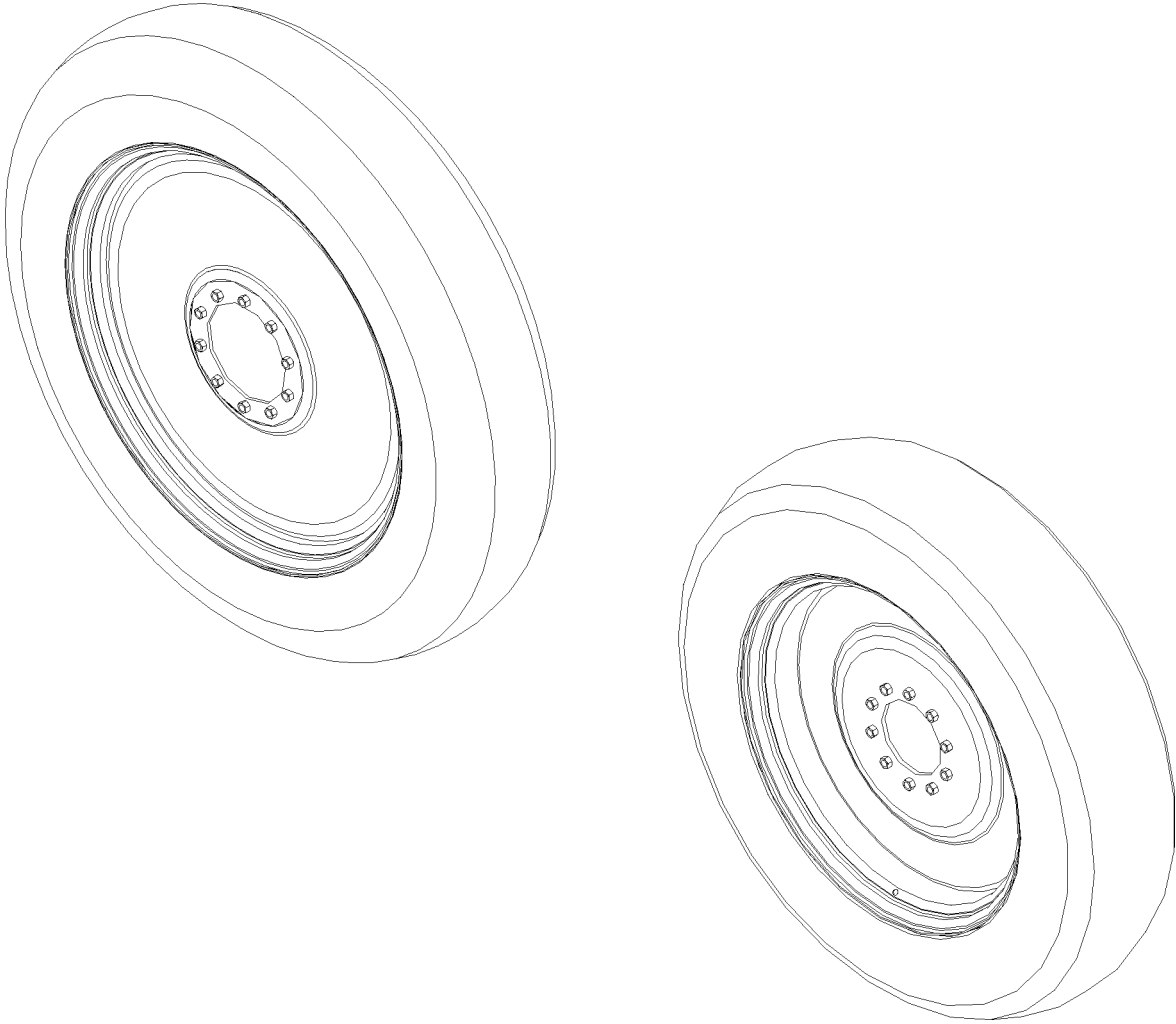
Item	Part Number	Qty	Description	Size	Comments
1	640-000-500	1	Hose barb		3/4" 90 DEG
2	640-001-560	1	Valve, three way side load		3/4"
3	640-000--550	1	Hose barb		3/4"
4	640-000-718	1	Nipple		3/4" short poly
5	540-000-053	1	Mixing chamber		
6	540-000-093	1	U-bolt		
7	540000059	1	Fitting		
8	540000094	1	Fitting, elbow		
9	640020011	1	Fitting, reducer		
10	640020003	1	Fitting		
11	N/A	1	Clamp, U-bolt		Included with # 6
12	540-000-092	1	Mounting bracket, mixing chamber		
13	901-000-510	2	Nut		5/16"-18

Station 4

Tires & Rims • AS500, AS850, AS1000 & AS1200

TIRES & RIMS • AS500, AS850, AS1000 & AS1200 · TIRES & RIMS · AS500, AS850, AS1000 & AS1200 · TIRES & RIMS · AS500, AS850, AS1000 & AS1200 · TIRES & RIMS · AS500, AS850, AS1000 & AS1200 · TIRES & RIMS · AS500, AS850, AS1000 & AS1200 · TIRES & RIMS

Tires & Rims
AS500, AS850, AS1000 & AS1200



Item	Part Number	Qty	Description	Model #	Comments
	900003798	as required	Stud, front wheel standard front		5/8-18 X 2 3/8", lug nut 901-000-980
	900003799	as required	Stud, front wheel heavy duty		3/4-16 lug nut 900-100-037
	350000190	as required	Stud, rear 500, 700 and planetaries		3/4-16 lug nut 900-100-037
	350000188	as required	Stud, drop box		3/4-16 X 3 1/4" lug nut 900-100-037
	500100180	as required	Front tire & rim 12.4 X 28	AS500	Titan radial
	500100151		Tire only, 12.4 X 28 Titan radial		Included with 500-100-180
	500100000		Rim only, 28 X 10		Included with 500-100-180
	500100185	as required	Rear tire & rim 14.9 X 46	AS500	5 Star Titan radial (380/90 R46)
	500100182		Tire only, 14.9 X 46 Titan radial		Included with 500-100-185
	500100851		Rim only, 46 X 12		Included with 500-100-185
	500100920	as required	Rear tire & rim, 320/90 R50	AS500	5 Star Titan radial
	500100184		Tire only, 320/90 R50		Included with 500-100-920
	500100854		Rim only, 50 X 10		Included with 500-100-920
	500100180	as required	Front tire & rim, 12.4 X 28	AS850	Titan radial
	500100151		Tire only 12.4 X 28 Titan radial		Included with 500-100-180
	500100000		Rim only, 28 X 10		Included with 500-100-180
	500100610	as required	Rear tire & rim, 14.9 X 46 (380/90 R46)	AS850	Titan radial (380/90 R46)
	500100177		Tire only, 14.9 X 46 (380/90 R46)		Included with 500-100-181
	500100860		Rim only, 46 X 12		Included with 500-100-610. Also need to order wheel studs depending on CC
	500100920	as required	Rear, tire & rim, 50 X 10	AS850	5 Star Titan radial (320/90 R 50)
	500100184		Tire only, 320/90 R50		Included with 500-100-920
	500100854		Rim only, 50 X 10		Included with 500-100-920
	500100180	as required	Front tire & rim, 12.4 X 28	AS1000	Titan radial
	500100151		Tire only 12.4 X 28 Titan radial		Included with 500-100-180
	500100000		Rim only, 28 X 10		Included with 500-100-180
	500100181	as required	Front tire & rim, 14.9 X 38	AS1000	380/80 R38
	500100178		Tire only, 14.9 X 38 6 PLY w/tube		Included with 500-100-181
	500100001		Rim only, 38 X 12		Included with 500-100-181
	500100930	as required	Front tire & rim, 320/80 R38	AS1000	5 Star Titan radial (320/85 R38)
	500100186		Tire only, 320/80 R38 Titan radial		Included with 500-100-930
	500100183		Rim only		Included with 500-100-930
	500100610	as required	Rear tire & rim, 14.9 X 46 (380/90 R46)	AS1000	Titan radial (380/90 R46)
	500100177		Tire only, 14.9 X 46 (380/90 R46)		Included with 500-100-610
	500100865		Rim only, 46 X 12		Included with 500-100-610. Also need to order wheel studs depending on CC
	500100920	as required	Rear tire & rim, 50 X 10	AS1000	5 Star Titan radial (320/90 R 50)
	500100184		Tire only, 320/90 R50		Included with 500-100-920
	500100854		Rim only, 50 X 10		Included with 500-100-920
	500100181	as required	Front, tire & rim, 14.9 X 38	AS1200	Titan radial (380/80 R38)
	500100178		Tire only, 14.9 X 38 6 PLY w/tube		Included with 500-100-181
	500100001		Rim only, 38 X 12		Included with 500-100-181
	500100610	as required	Rear tire & rim, 14.9 X 46 (380/90 R46)	AS1200	Titan radial (380/90 R46)
	500100177		Tire only, 14.9 X 46 (380/90 R46)		Included with 500-100-610
	500100865		Rim only, 46 X 12		Included with 500-100-610
	K650000059		Dual kit for 48" CC AS1000 or AS1200		Includes spacers, studs, nuts, rims & tires

Station 4

Wiring Harnesses • AS500, AS850, AS1000 & AS1200

WIRING HARNESSSES • AS500, AS850, AS1000 & AS1200 • WIRING HARNESSSES • AS500, AS850, AS1000 & AS1200 • WIRING HARNESSSES • AS500, AS850, AS1000 & AS1200 • WIRING HARNESSSES • AS500, AS850, AS1000 & AS1200 • WIRING HARNESSSES • AS500, AS850, AS1000 & AS1200

Wiring Harness
AS500, AS850, AS1000 & AS1200

Item	Part Number	Qty	Description	Model #	Comments
	700000426	as required	Harness, Dump valve	AS500	
	700000441	as required	Wire kit, Deere starter relay	AS500, AS850	
	700000440	as required	Wire kit, Cummins grid heater	AS1000, AS1200	
	700000437	as required	Harness, grid heater/alt Deere	AS500, AS850	
	700000439	as required	Harness, Deere engine 06	AS500, AS850	
	700000438	as required	Harness, Cummins engine 06	AS1000, AS1200	
	700000433	as required	Harness, Transmission PS750 06	AS500, AS850	
	700000434	as required	Harness, Transmission PS766 06	AS1000	
	700000435	as required	Harness, Transmission Funk	AS1200	
	700000447	as required	Harness, Remote switch diode	AS1000, AS1200	
	700000425	as required	Harness, Adjust on the go	AS1000, AS1200	
	700000432	as required	Harness, Console 06	AS500, AS850, AS1000, AS1200	
	700000436	as required	Harness, Boom 06	AS500, AS850, AS1000, AS1200	
	700000428	as required	Harness, Main 06	AS500, AS850, AS1000, AS1200	
	700000000	as required	Connector, Raven Radar	AS500, AS850, AS1000, AS1200	
	700000004	as required	Connector, Flowmeter	AS500, AS850, AS1000, AS1200	Quantity of two is used per machine
	700000459	as required	Harness, AC jumper binary switch	AS500, AS850, AS1000, AS1200	
	700300093	as required	Harness, lighter/power point 06	AS500, AS850, AS1000, AS1200	
	700000429	as required	Harness, PS759 Console 06	AS500, AS850	
	700000430	as required	Harness, PS766 Console 06	AS1000	
	700000431	as required	Harness, Funk Console 06	AS1200	
	720100010	as required	Cable, battery positive 06	AS500, AS850, AS1000, AS1200	
	720100011	as required	Cable, battery negative 06	AS500, AS850, AS1000, AS1200	

Station 4

Hoses & Fittings • AS500

HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500 · HOSES & FITTINGS · AS500

Hoses & Fittings
AS500

Steering Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200051	1	BULKHEAD TO ROD	6FLF 90	6FLF 90	180	23	6	100R17
800200052	1	BULKHEAD TO BASE	6FLF	6FLF 90		27	6	100R17

Main Hydraulic Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200070	1	PROD P P TO SUSP BLOCK	12FLF	12FLF90		93	12	100R17
800200071	1	PROD P T TO SUSP BLOCK	12 FLF	12FLF90		93	12	100R17
800200072	1	SUSP TO FILTER T	16FLF	16FLF90		46	16	100R3
800200073	1	SUSP TO JUNCTION P	12FLF	12FLF90 LONG DROP		91	12	100R17
800200074	1	FILTER TO JUNCTION T	16FLF	16FLF		34	16	100R4
800200075	2	RAM CYL TO FRAME	8FLF	8FLF		26.5	8	100R17
800200076	2	SWAY CYL TO FRAME	8FLF	8FLF		31.5	8	100R17
800200077	1	L1 TO FRAME	8FLF	8FLF90		15	8	100R17
800200078	1	L2 TO FRAME	8FLF	8FLF90		16.75	8	100R17
800200079	1	R1 TO FRAME	8FLF	8FLF		21	8	100R17
800200080	1	R2 TO FRAME	8FLF	8FLF		19	8	100R17
800200081	1	JUNCTION S TO COOLER	12FLF	12FLF		104	12	100R1-AT
800200082	1	LHC TO ST. CYL	6FLF	6FLF90		90.5	6	100R17
800200083	1	RHC TO ST. CYL	6FLF	6FLF90 LONG DROP		91.5	6	100R17
800200084	1	COOLER TO PUMP	16FLF	16FLF		40	16	100R4
800200085	1	PISTON S TO RES.	16FLF	16FLF90		76.75	16	100R4
800200086	1	GEAR S TO RES.	16FLF	16FLF90		62	16	100R4
800200087	1	PISTON P TO JUNCTION	12FLF	12FLF90 LONG DROP		88	12	100R17
800200088	1	CASE D TO JUNCTION	6FLF	6FLF90		96	6	100R17
800200089	1	JUNCTION TO TANK T	16FLF	16FLF90		64.75	16	100R3
800200090	1	JUNCTION TO SPRING CAN	4FLF	6SLF 90		34.5	4	100R17
800200091	1	COOLER LH TO FRNT TRANS	12FLF	12FLF90		72.5	12	100R1-AT
80020092	1	COOLER RH TO REAR TRANS	12FLF	12FLF90 LONG DROP		74	12	100R1-AT

Start Dump Valve Kit

Part Number	Qty	Description	Manufacturer Part Number	Comments
800-302-183	1	HYDRAFORCE 2 WAY NORMALLY CLOSED	SV08-24-8T-12DW	
800-302-182	1	FITTING 6 FLF X 6 ORM	6402-O-06-06	
800-303-024	2	FITTING 6 FLM X 8 ORM	6400-O-06-08	
800-404-220	1	FITTING 6 FLM X 8 ORM 90	6801-NWO-06-08	

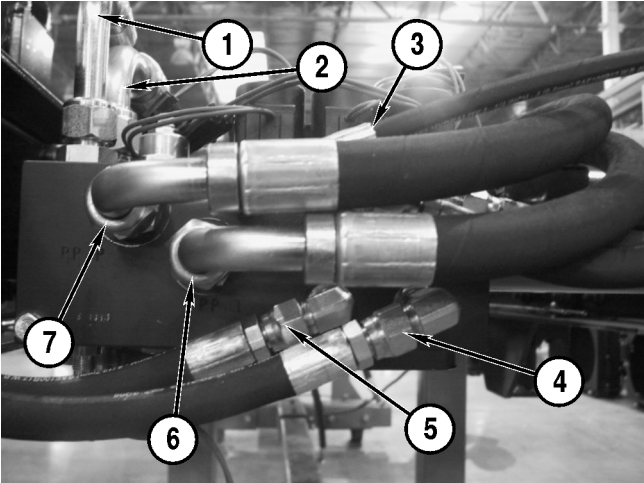
Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200123		HOSE	6FLF	6FLF 90		10	6	100R17

Station 4 Hoses & Fittings • AS500, AS850, AS1000 & AS1200

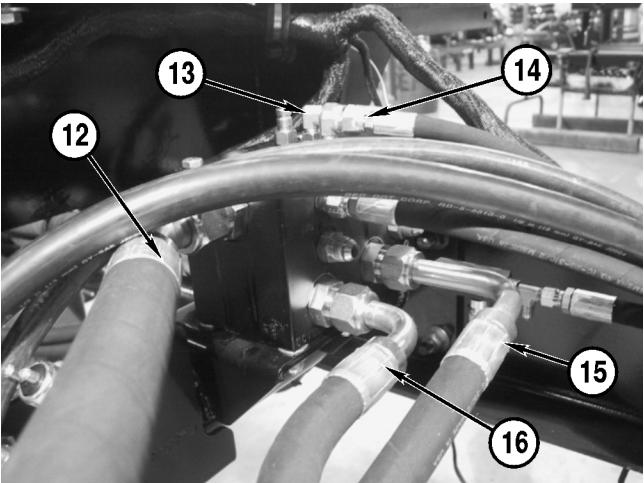
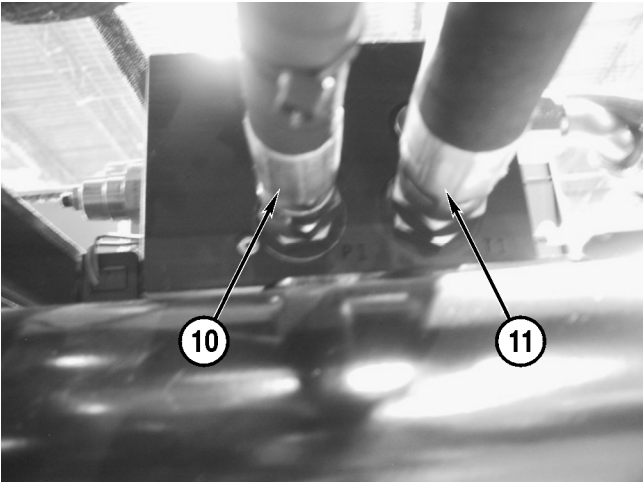
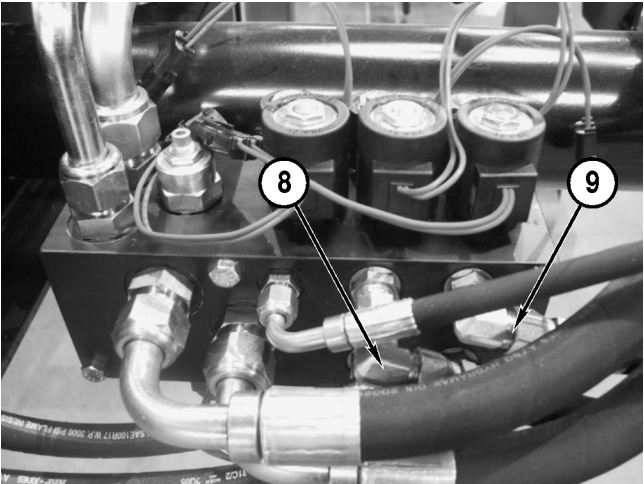
HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200

Hydraulic Hoses

- 1. **Suspension Block to Junction**
AS500 Part Number 800200073
AS850 Part Number 800200028
AS1000 & AS1200 Part Number 800200003
¾" Female Swivel JIC
¾" Female Swivel JIC, 90° long drop
91" 100R2
- 2. **Suspension Block to Filter Return**
AS500 Part Number 800200072
AS850 Part Number 800200027
AS1000 & AS1200 Part Number 800200002
1" Female Swivel JIC
1" Female Swivel JIC, 90°
46" 100R3
- 3. **Suspension Block to Accumulator**
All Models Part Number 800200095
¾" Female Swivel JIC
¾" Female Swivel JIC, 90° long drop
34" 100R2
- 4. **L1 to Frame**
AS500 Part Number 800200077
AS850 Part Number 800200032
AS1000 & AS1200 Part Number 800200007
½" Female Swivel JIC
½" Female Swivel 90°
15" 100R2
- 5. **L2 to Frame**
AS500 Part Number 800200078
AS850 Part Number 800200033
AS1000 & AS1200 Part Number 800200008
½" Female Swivel JIC
½" Female Swivel 90°
16¾" 100R2
- 6. **Product Pump Return to Suspension Block**
AS500 Part Number 800200071
AS850 Part Number 800200026
AS1000 & AS1200 Part Number 800200001
¾" Female Swivel JIC
¾" Female Swivel JIC, 90°
93" 100R2
- 7. **Product Pump Pressure to Suspension Block**
AS500 Part Number 800200070
AS850 Part Number 800200025
AS1000 & AS1200 Part Number 800200000
¾" Female Swivel JIC
¾" Female Swivel JIC, 90°
93" 100R2



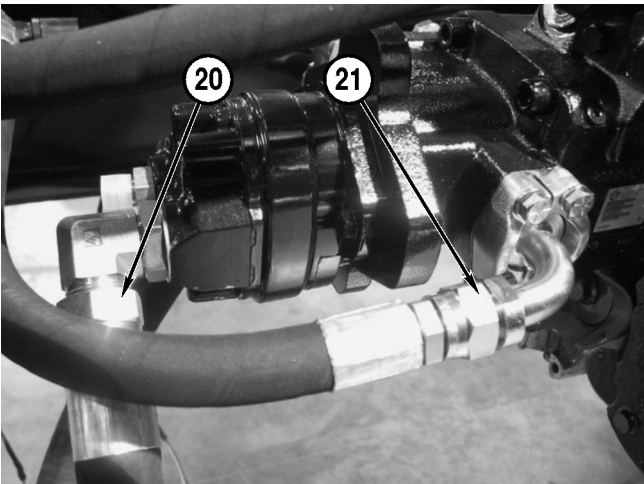
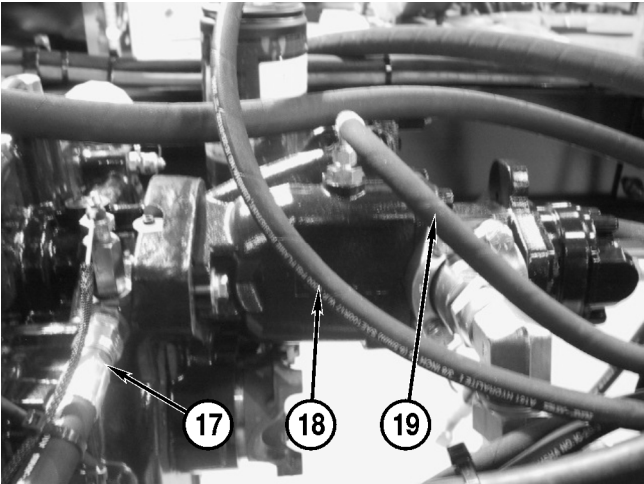
- 8. **R1 to Frame**
AS500 Part Number 800200079
AS850 Part Number 800200034
AS1000 & AS1200 Part Number 800200009
½" Female Swivel JIC
½" Female Swivel JIC
21" 100R2
- 9. **R2 to Frame**
AS500 Part Number 800200080
AS850 Part Number 800200035
AS1000 & AS1200 Part Number 800200010
½" Female Swivel JIC
½" Female Swivel JIC
19" 100R2
- 10. **Suspension to Junction Block Pressure**
AS500 Part Number 800200073
AS850 Part Number 800200028
AS1000 & AS1200 Part Number 800200003
¾" Female Swivel JIC
¾" Female Swivel JIC, 90° Long Drop
91" 100R2
- 11. **Filter to Junction Block Return**
AS500 Part Number 800200074
AS850 Part Number 800200029
AS1000 & AS1200 Part Number 800200004
1" Female Swivel JIC
1" Female Swivel JIC
34" 100R2
- 12. **Junction Block to Tank Return**
AS500 Part Number 800200089
AS850 Part Number 800200044
AS1000 & AS1200 Part Number 800200019
1" Female Swivel JIC
1" Female Swivel JIC 45°
56" 100R3
- 13. **Right Hand Counterbalance to Steering Cylinder**
AS500 Part Number 800200083
AS850 Part Number 800200038
AS1000 & AS1200 Part Number 800200013
¾" Female Swivel JIC
¾" Female Swivel JIC, 90° Long Drop
91½" 100R2
- 14. **Left Hand Counterbalance to Steering Cylinder**
AS500 Part Number 800200082
AS850 Part Number 800200037
AS1000 & AS1200 Part Number 800200012
¾" Female Swivel JIC
¾" Female Swivel JIC, 90°
90½" 100R2



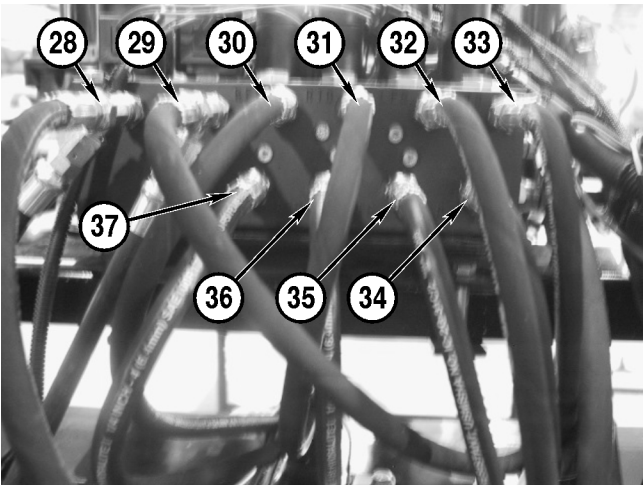
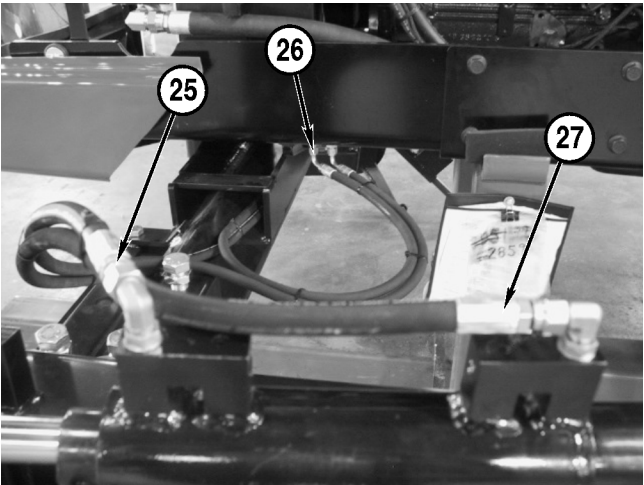
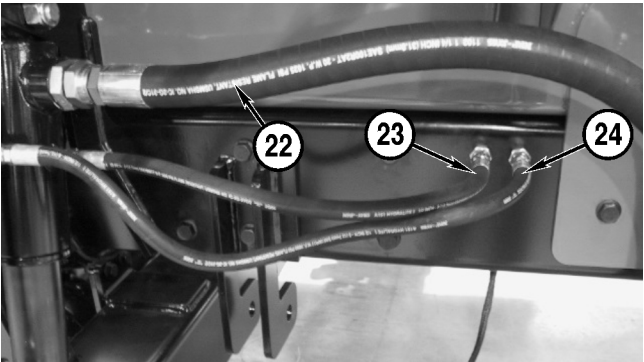
Station 4 **Hoses & Fittings • AS500, AS850, AS1000 & AS1200**

HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200

15. **Piston Pressure to Junction Block**
AS500 Part Number 800200087
AS850 Part Number 800200042
AS1000 & AS1200 Part Number 800200017
¾" Female Swivel JIC
¾" Female Swivel JIC, 90° Long Drop
21½" 100R2
16. **Junction Block to Cooler**
AS500 Part Number 800200081
AS850 Part Number 800200036
AS1000 & AS1200 Part Number 800200011
¾" Female Swivel JIC
¾" Female Swivel JIC, 90°
117½" 100R1
17. **Cooler Left Hand to Bottom of Transmission**
AS500 Part Number 800200091 (front of transmission)
AS850 Part Number 800200046 (front of transmission)
AS1000 & AS1200 Part Number 800200021 (bottom of trans-
mission)
¾" Female Swivel JIC
¾" Female Swivel JIC, 45°
70" 100R1
18. **Junction Block to Spring Can**
AS500 Part Number 800200090
AS850 Part Number 800200045
AS1000 & AS1200 Part Number 800200020
¼" Female Swivel JIC
⅜" Female Swivel Seal Face, 90° Short Drop
34½" 100R2
19. **Case Drain to Junction Block**
AS500 Part Number 800200088
AS850 Part Number 800200043
AS1000 & AS1200 Part Number 800200018
⅜" Female Swivel JIC
⅜" Female Swivel JIC, 90°
25½" 100R2
20. **Gear Pump Suction to Tank**
AS500 Part Number 800200086
AS850 Part Number 800200041
AS1000 & AS1200 Part Number 800200016
1" Female Swivel JIC
1" Female Swivel JIC 45°
25" 100R4
21. **Piston Pump to Junction Block**
AS500 Part Number 800200087
AS850 Part Number 800200042
AS1000 & AS1200 Part Number 800200017
¾" Female Swivel JIC
¾" Female Swivel JIC, 90° Long Drop
21½" 100R2



22. **Ram Cylinder to Accumulator**
AS500 & AS850 Part Number 826000223
AS1000 & AS1200 Part Number 826000222
1¼" Female Swivel JIC
1¼" Female Swivel JIC
37" 100R2
23. **Sway Cylinder to Frame**
AS500 Part Number 800200076
AS850 Part Number 800200031
AS1000 & AS1200 Part Number 800200006
½" Female Swivel JIC
½" Female Swivel JIC
25½" 100R2
24. **Ram Cylinder to Frame**
AS500 Part Number 800200075
AS850 Part Number 800200030
AS1000 & AS1200 Part Number 800200005
½" Female Swivel JIC
½" Female Swivel JIC
20½" 100R2
25. **Bulkhead to Left Cylinder**
All Models 800200050
⅜" Female Swivel JIC
⅜" Female Swivel JIC, 90°
59" 100R2
26. **Bulkhead to Right Cylinder**
All Models 800200049
⅜" Female Swivel JIC
⅜" Female Swivel JIC, 90°
128" 100R2
27. **Left Cylinder to Right Cylinder**
All Models 800200048
⅜" Female Swivel JIC
⅜" Female Swivel JIC
152" 100R2
28. **Boom Block to Tilt Cylinder**
All Models 800200098
⅜" Female Swivel JIC
⅜" Female Swivel JIC
153" 100R2
29. **Boom Block to Tilt Cylinder**
All Models 800200098
⅜" Female Swivel JIC
⅜" Female Swivel JIC
153" 100R2



Station 4

Hoses & Fittings • AS500, AS850, AS1000 & AS1200

HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200

30. Right Fold Rod to Fold Cylinder

All Models 800200104

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 76" 100R2

31. Right Tip Barrel to Tip Cylinder

All Models 800200102

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 307" 100R2

32. Left Fold Rod to Fold Cylinder

All Models 800200103

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 78" 100R2

33. Left Tip Barrel to Tip Cylinder

All Models 800200101

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 328" 100R2

34. Left Tip Rod to Tip Cylinder

All Models 800200099

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 345" 100R2

35. Left Fold Barrel to Fold Cylinder

All Models 800200105

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 68" 100R2

36. Right Tip Rod to Tip Cylinder

All Models 800200100

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 324" 100R2

37. Right Fold Barrel to Fold Cylinder

All Models 800200106

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC
- 66" 100R2

38. Suspension Block to Boom Block Pressure

All Models 800200094

- 3⁄8" Female Swivel JIC
- 3⁄8" Female Swivel JIC, 90°
- 108½" 100R2

39. Suspension Block to Boom Block Return

All Models 800200093

- ½" Female Swivel JIC
- ½" Female Swivel JIC, 90°
- 108½" 100R2

40. Boom Accumulator to Tilt Cylinder

All Models 826010011

- ½" Female Swivel JIC
- ½" Female Swivel JIC
- 36" 100R2

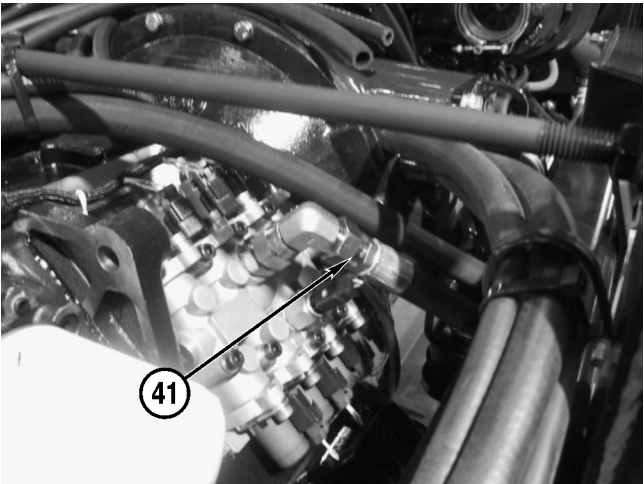
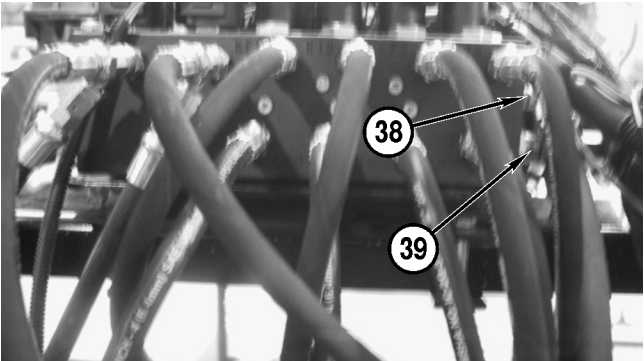
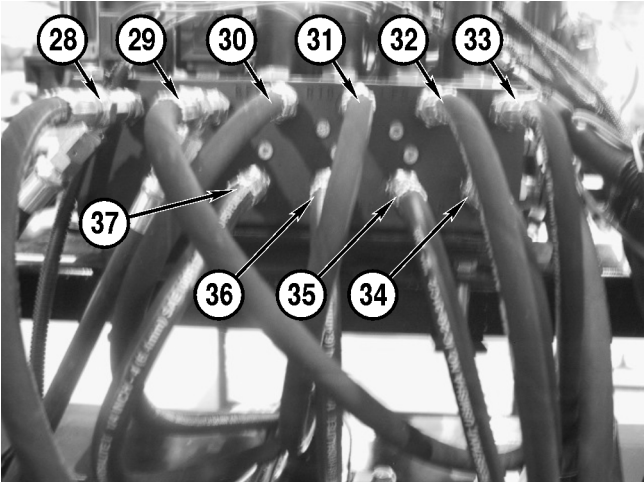
41. Cooler Right Hand to Top of Transmission

AS500 Part Number 800200092 (rear of transmission)

AS850 Part Number 800200047 (rear of transmission)

AS1000 & AS1200 Part Number 800200022 (top of transmission)

- ¾" Female Swivel JIC
- ¾" Female Swivel JIC, 45°
- 56" 100R1

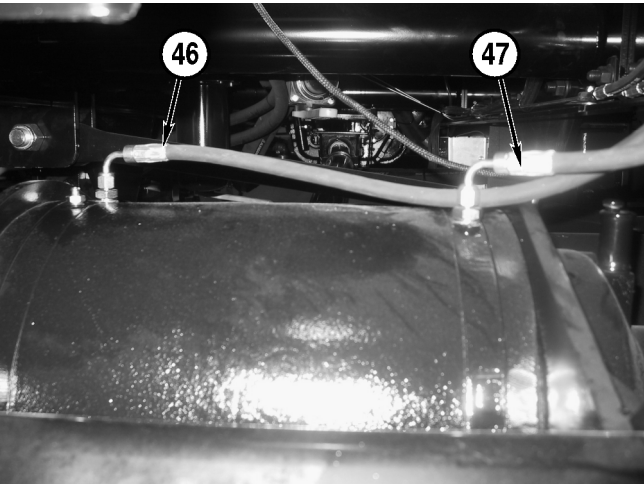
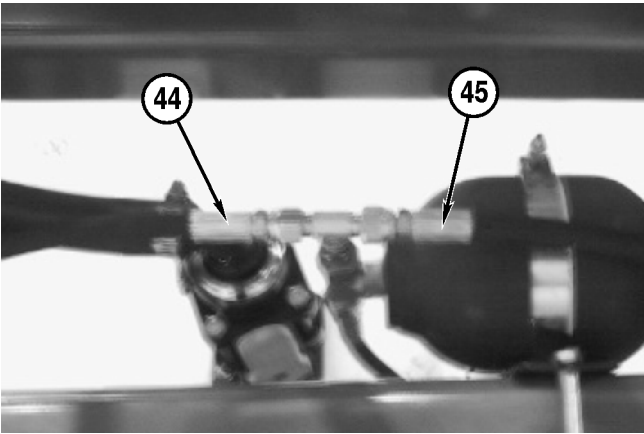
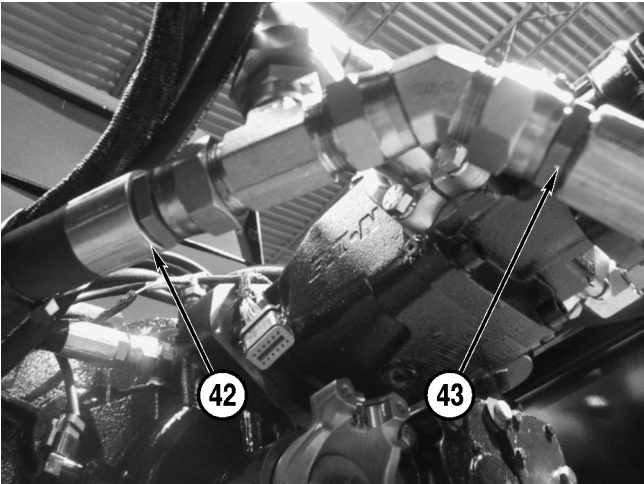


Station 4

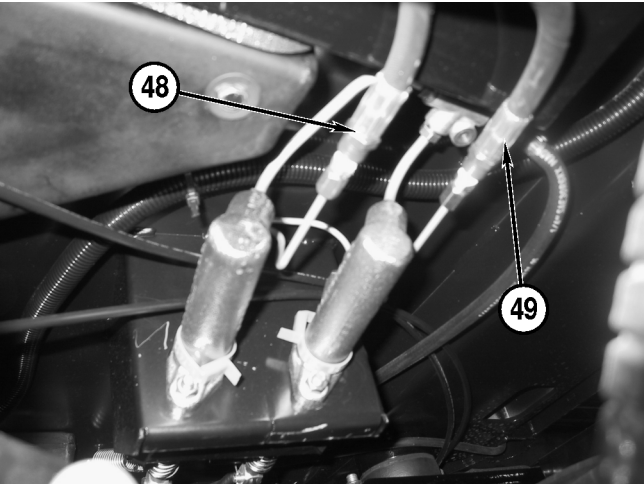
Hoses & Fittings • AS500, AS850, AS1000 & AS1200

HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 • HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 • HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 • HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200 • HOSES & FITTINGS • AS500, AS850, AS1000 & AS1200

42. Cooler to Pump
AS500 Part Number 800200084
AS850 Part Number 800200039
AS1000 & AS1200 Part Number 800200014
1" Female Swivel JIC
1" Female Swivel JIC
83½" 100R4
43. Gear Pump Suction to Tank
AS500 Part Number 800200086
AS850 Part Number 800200041
AS1000 & AS1200 Part Number 800200016
1" Female Swivel JIC
1" Female Swivel JIC, 45°
25" 100R4
44. Accumulator to Right Lift Cylinder
All Models 800200097
¾" Female Swivel
¾" Female Swivel
30" 100R2
45. Accumulator to Left Lift Cylinder
All Models 800200096
¾" Female Swivel
¾" Female Swivel
24" 100R2
46. Steel Line to Differential Left
AS500 & AS850 Part Number 800200060
AS1000 & AS1200 Part Number 800200068
¼" Female Swivel JIC 90°
¼" Compression
37¼" 100R2
47. Steel Line to Differential Right
AS500 & AS850 Part Number 800200059
AS1000 & AS1200 Part Number 800200067
¼" Female Swivel JIC 90°
¼" Compression
27¼" 100R2



48. Master Cylinder to Bulkhead
AS500 & AS850 Part Number 800200058
AS1000 & AS1200 Part Number 800200066
⅛" Female Pipe
¼" Female Swivel JIC 90°
34" 100R2
49. Master Cylinder to Bulkhead
AS500 & AS850 Part Number 800200058
AS1000 & AS1200 Part Number 800200066
⅛" Female Pipe
¼" Female Swivel JIC 90°
34" 100R2



Station 4

Hoses & Fittings • AS500 & AS850

HOSES & FITTINGS · AS500 & AS850 · HOSES & FITTINGS · AS500 & AS850 · HOSES & FITTINGS · AS500 & AS850 · HOSES & FITTINGS · AS500 & AS850 · HOSES & FITTINGS · AS500 & AS850 · HOSES & FITTINGS · AS500 & AS850

Deere Engine Fitting Kit

Part Number	Qty	Description	Manufacturer Part Number	Comments
800302-53	1	FITTING 12 FLM X 8 BSPP	7002-12-8-BS	O-ring Only
800302421	1	FITTING 18mmORM X 10 FLM	7005-10-18-ISO	
800302-26	2	FITTING, 10 HOSE BARB X 10FLF	2111-10-10	
800302425	1	FITTING, 10 FLM X 10 FLF 90	6500-10-10	
800460095		FITTING, 20 FLM X 32 CODE 61	1700-20-32	
800302422		FITTING, 12FLM X 16 CODE 61	1700-12-16	
800450020		1” CODE 61 FLANGE KIT	1901-16	
800450050		KIT SPLIT FLG 2” CODE 61	1901-32	
800404265		FITTING 16ORM X 16FLM 90	6801-16-16-NOW	
800303032		FITTING, 8FLM X 10ORM ST	6400-O-08-10	
800302403		FITTING, 6FLM X 10OM	6400-06-10-O	
800302454		FITTING 20FLF X 16FLM	2406-20-16	
800302149		FITTING 16FLM X 16FLF X 16FLM	6600-16-16-16	
800302165		FITTING, 12FLF X 12HB	2111-12-12	
800302175		FITTING 10FLF X 12FLM 90	6500-12-10	
800302179		FITTING, 8PM X 6HB	2113-06-08	
800403625		FITTING 12FLF X 12FLM 90	6500-12-12	

Main Hydraulic Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200025	1	PROD P P TO SUSP BLOCK	12FLF	12FLF90		93	12	100R17
800200026	1	PROD P T TO SUSP BLOCK	12 FLF	12FLF90		93	12	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
800200030	2	RAM CYL TO FRAME	8FLF	8FLF		20.5	8	100R17
800200031	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
800200036	1	JUNCTION S TO COOLER	12FLF	12FLF		110	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
800200044	1	JUNCTION TO TANK T	16FLF	16FLF90		64.75	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

Station 4

Hoses & Fittings • AS500 & AS850

HOSES & FITTINGS • AS500 & AS850 • HOSES & FITTINGS • AS500 & AS850 • HOSES & FITTINGS • AS500 & AS850 • HOSES & FITTINGS • AS500 & AS850 • HOSES & FITTINGS • AS500 & AS850 • HOSES & FITTINGS • AS500 & AS850 • HOSES & FITTINGS • AS500 & AS850

Fuel Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments
800303027	1	FITTING, 8ORM X 3/8” HB 90	4601-06-08-NWO	
800303010	1	FITTING, 8ORM X 1/4” HB 90	4601-04-08-NWO	
800000641	1	FITTING, 160RM HEX HEAD PLUG	6408-H-16-0	
800302459	1	FITTING, 6 FLM X 6 FLM BLKHD	2700-LN-06-06	

Station 2 Hydraulic Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200053	2	STEERING UNIT TO JUNCTION	6FLF 45	8FLF		38	6	100R17
800200054	1	STEERING UNIT TO JUNCTION RETURN	8FLF 45	8FLF		35	8	100R17
800200055	1	STEERING UNIT TO PUMP	8FLF 45	8FLF		57	8	100R17
800200056	1	JUNCTION TO STAIR BULKHEAD	6FLF	4FLF 90		54.5	4	100R17
800200057	1	STAIR BLKH TO LADDER CYL	6FLF	6FLF 90		18.25	4	100R17
800200058	2	MASTER CYL TO BLKH	4FLF	4FLF 90		28	4	100R17
800200059	1	STEEL LNE TO DIFF RIGHT	4FLF 90	4 COMP		27.25	4	100R17
800200060	1	STEEL LINE TO DIFF LEFT	4FLF 90	4 COMP		37.25	4	100R17

Station 4

Hoses & Fittings • AS850, AS1000 & AS1200

HOSES & FITTINGS · AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS850, AS1000 & AS1200

Steering Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
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

Hydraulic Fittings for Adjust On The Go Option

Part Number	Qty	Description	Manufacturer Part Number	Comments
800302459	4	FITTING, 6FLM X 6FLM BLKHD	2700-LN-06-06	
800404215	12	FITTING, 6FLM X 6OR 90	6801-NOW-06-06	
800302193	6	FITTING, 6FLM X 6ORM 90 X LONG	6801-LL-NOW-06-06	
800303022	7	FITTING, 6FLM X 6ORM	6400-O-06-06	
800303024	1	FITTING, 6FLM X 8ORM	6400-O-06-08	
800501040	2	FITTING, 6FLF X 6FLM X 6FLM	6602-06-06-06	
800404219	2	FITTING, 6FLM X 6ORM 90 .046 ORF.	6801-06-06-NOW FG#R0.046	
800502805	4	FITTING, 6FLM X 6FLF X 6FLM	6600-06-06-06	
800310330	1	FITTING, 6FLF X 6FLM 90	6500-06-06	

Hydraulic Hoses for Adjust On The Go Option

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200107	1	REAR PRESSURE	6FLF	6FLF 90 LONG DROP		52	4	100R17
800200108	1	REAR RETURN	6FLF	6FLF 90		48	4	100R17
800200109	1	FRONT PRESSURE	6FLF	6FLF		21	4	100R17
800200110	1	FRONT RETURN	6FLF	6FLF 90		25	4	100R17
800200111	2	BUTT END CROSSOVER	6FLF	6FLF		43	4	100R17
800200112	2	ROD END CROSSOVER	6FLF	6FLF		21	4	100R17
800200113	1	RA TO CYL	6FLF	6FLF		79	4	100R17
800200114	1	RB TO CYL	6FLF	6FLF 90		96	4	100R17
800200115	1	LA TO CYL	6FLF	6FLF		110	4	100R17
800200116	1	LB TO CYL	6FLF	6FLF 90		127	4	100R17
800200117	2	RA AND LA TP FRONT BLKHD	6FLF	6FLF 90 LONG DROP		115	4	100R17
800200118	2	RB AND LB TO FRONT BLKHD	6FLF	6FLF 90		116	4	100R17
800200119	1	LA BLKHD TO RAM END	6FLF	6FLF 90 LONG DROP		27	4	100R17
800200120	1	LB BLKHD TO RAM END	6FLF	6FLF 90 LONG DROP		39	4	100R17
800200121	1	RA BLKHD TO BUTT END	6FLF	6FLF 90 LONG DROP		67	4	100R17
800200122	1	RB BLKHD TO RAM END	6FLF	6FLF 90		81	4	100R17

Station 4

Hoses & Fittings • AS850, AS1000 & AS1200

HOSES & FITTINGS • AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS850, AS1000 & AS1200 · HOSES & FITTINGS • AS850, AS1000 & AS1200

Hydraulic Fittings for 100’ Boom

Part Number	Qty	Description	Manufacturer Part Number	Comments
800301892	2	FITTING 6 FLM X 6 FLM UNION	2403-06-06	
800310330	2	FITTING 6 FLM X 6 FLF 90	6500-06-06	

Hydraulic Hoses for 100’ Boom

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200124	2	100’ BOOM	6FLF	6FLF		26	4	100R17

Station 4

Hoses & Fittings • AS1000 & AS1200

HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200

Cummins Engine Fitting Kit

Part Number	Qty	Description	Manufacturer Part Number	Comments
800302159	1	FITTING, 8PM X 10 BARB ST	2113-10-08	
800302416	1	FITTING 20 FLM X 20 PM ST	2404-20-20	
800404265	2	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NOW	
800460095	1	FITTING, 20 FLM X 32 CODE 61	1700-20-32	Solder
800302145	1	FITTING, 12FLM X 16 CODE 61 90	1704-12-16	Solder
800450020	1	1” CODE 61 FLANGE KIT	1901-16	
800450050	1	KIT SPLIT FLG 2” CODE 61	1901-32	
800303032	1	FITTING, 8FLM X 100M	6400-0-08-10	
800302403	1	FITTING, 6FLM X 100M	6400-06-10-0	
800404254	3	FITTING 12FLM X 16ORM 90	6801-12-16-NOW	
800302454	1	FITTING 20FLF X 16FLM	2406-20-16	
800302149	1	FITTING 16FLM X 16FLF X 16FLM	6600-16-16-16	
800302419	1	FITTING, 16FLM X 16ORM 90 EXT	6801-LL-16-16-NOW	
800303060	1	FITTING, 12FLM X 16 ORM	6400-12-16-0	
800403640	1	FITTING, 20FLF X 20FLM 90	6500-20-20	
800302162	1	FITTING, 12PM X 10HB 90	4501-10-12	
800302187	1	FITTING, 20 PM X 6 PF BUSHING	5406-20-06	

Hydraulic Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments
800302153	1	FITTING 32ORM X 20ORF BUSHING	6410-32-20-0	
800302150	1	FITTING 16FLM X 20ORM 90	6400-16-20-NWO	
800000641	2	FITTING, 16ORM HEX HEAD PLUG	6408-H-16-0	
800404265	1	FITTING 16 FLM X 16 ORM 90 DEG	6801-16-16-NWO	
800302154	1	FITTING, SIGHT GLASS 16ORM	LSP1301-16-02	SCOTT SUPPLIED
800302410	1	FITTING 16 ORM X 16 FLM ST	6400-16-16-0	

Station 2 Hydraulic Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	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
800200065	1	STAIR BLKH TO LADDER CYL	6FLF	6FLF 90		18.25	4	100R17
800200066	2	MASTER CYL TO BLKH	4FLF	4FLF 90		28	4	100R17
800200067	1	STEEL LNE 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

Station 4

Hoses & Fittings • AS1000 & AS1200

HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200 · HOSES & FITTINGS · AS1000 & AS1200

Main Hydraulic Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
800200000	1	PROD P P TO SUSP BLOCK	12FLF	12FLF90		93	12	100R17
800200001	1	PROD P T TO SUSP BLOCK	12 FLF	12FLF90		93	12	100R17
800200002	1	SUSP TO FILTER T	16FLF	16FLF90		46	16	100R3
800200003	1	SUSP TO JUNCTION P	12FLF	12FLF90 LONG DROP		91	12	100R17
800200004	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
800200007	1	L1 TO FRAME	8FLF	8FLF90		15	8	100R17
800200008	1	L2 TO FRAME	8FLF	8FLF90		16.75	8	100R17
800200009	1	R1 TO FRAME	8FLF	8FLF		21	8	100R17
800200010	1	R2 TO FRAME	8FLF	8FLF		19	8	100R17
800200011	1	JUNCTION TO COOLER	12FLF	12FLF		116.5	12	100R1-AT
800200012	1	LHC TO ST. CYL	6FLF	6FLF90		90.5	6	100R17
800200013	1	RHC TO ST. CYL	6FLF	6FLF90 LONG DROP		91.5	6	100R17
800200014	1	COOLER TO PUMP	16FLF	16FLF		89	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
800200017	1	PISTON P TO JUNCTION	12FLF	12FLF		22.5	12	100R17
800200018	1	CASE D TO JUNCTION	6FLF	6FLF90		25.5	6	100R17
800200019	1	JUNCTION TO TANK T	16FLF	16FLF90		61.75	16	100R3
800200020	1	JUNCTION TO SPRING CAN	4FLF	6SLF 90		26.5	4	100R17
800200021	1	COOLER LH TO BTM TRANS	16FLF	12FLF90		65	12	100R1-AT
800200022	1	COOLER RH TO TOP TRANS	16FLF	12FLF45		50	12	100R1-AT
800200023	1	TRANS FILTER	12FLF	12FLF 90		10.75	12	100R17
800200024	1	TRANS FILTER	12FLF	12FLF		23	12	100R17

Fuel Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments
800303027	1	FITTING, 8ORM X 3/8" HB 90	4601-06-08-NWO	
800303023	1	FITTING, 8ORM X 1/2" HB 90	4601-08-08-NWO	
800000641	1	FITTING, 160RM HEX HEAD PLUG	6408-H-16-O	
800302459	1	FITTING, 6 FLM X 6 FLM BLKHD	2700-LN-06-06	

Station 4

Hoses & Fittings • AS500, AS850, AS1000 & AS1200

HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200

Hydraulic Fittings

Part Number	Qty	Description	Manufacturer Part Number	Location
800405000	4	FITTING 8FLM X 60M	6400-08-06	SWAY CYL
800000690	2	FITTING 60M PLUG	6408-H-06	SWAY CYL
800302450	2	FITTING 20FLM 240M	6400-20-24	RAM CYL
800302147	2	FITTING 16FLM X 240M	6400-16-24	HYD FILTER
800404265	1	FITTING 16FLM X 160M 90	6801-16-16-NWO	RH COOLER
800302148	2	FITTING 12FLM X 12PM LONG	2404-LL-12-12	TRANS COOLER
800304505	4	FITTING 8FLM X 8FLM BLKHD	2700-LN-08-08	SUSP BLKHD
800302459	2	FITTING 6FLM X 6FLM BLKHD	2700-LN-06-06	STEERING BLKHD
800302206	2	FITTING 4FLM X 4FLLS BLKHD ST	C2707-LN-04-04	BRAKE BLKHD
800404254	1	FITTING 12FLM X 16ORM 90	6801-12-16-NWO	LH COOLER
800302161	1	FITTING 4PM X 6HB	2113-06-04	VENT LINE
800302168	1	FITTING 4FLF X 4FLM X 4FLM	6602-04-04-04	BRAKE/LADDER
800403625	2	FITTING 12FLF X 12FLM 90	6500-12-12	PRODUCT PUMP
800303120	2	FITTING, 12FLM X 12ORM	6400-O-12-12	PRODUCT PUMP
800403640	2	FITTING, 20FLF X 20FLM 90	6500-20-20	RAM CYL

Station 2 Hydraulic Fittings

Part Number	Qty	Description	Manufacturer Part Number	Location
800302170	1	FITTING, 6FLM X 6ORM 90 ORF .032	6801-06-06-NOW FG#R0.032	
800303024	2	FITTING, 6FLM X 8ORM	6400-O-06-08	
800303030	1	FITTING 8FLM X 8 ORM	6400-08-08	
800302428	2	FITTING 4FLM X 5ORM	6400-04-05-O	
800302172	2	4FLM X 12MM OM W/ WASHER	7005-04-LL08-12	
640-020010	2	FITTING, 1/8NPT X 1/4 TUBE 90	A4ME4-MG	
800302173	1	FITTING, 1/8NPT NIPPLE	5404-02-02	
800302152	1	FITTING, 8FLM X 8ORM 90 EXT	6801-L-08-08-NOW	

Station 4

Hoses & Fittings • AS500, AS850, AS1000 & AS1200

HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200 · HOSES & FITTINGS · AS500, AS850, AS1000 & AS1200

Boom Hoses

Part Number	Qty	Description	Fitting #1	Fitting #2	Orientation	Length	Size	Material
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	4	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

Boom Rack Hydraulic Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments
800301635	1	FITTING, 12FLF X 6FLM	2406-12-06	
800502805	1	FITTING, 6FLM X 6FLF X 6FLM	6600-06-06-06	
800303022	2	FITTING, 6FLM X 60M	6400-O-06-06	
800404220	8	FITTING, 6FLM X 80M 90	6801-NWO-06-08	
800310330	3	FITTING, 6FLF X 6FLM 90	6500-06-06	
800302181	1	FITTING, 8FLF X 8FLM 90	6500-08-08	

Steering Motor Hydraulic Fittings

Part Number	Qty	Description	Manufacturer Part Number	Comments
860000005	1	STEERING UNIT, DANFOSS	OSPC 125 ON 150N2234	
800302174	1	FITTING 8 FLF X 8 ORM 90 X LONG	6801-LL-NWO-08-08	
800302445	1	FITTING 8 FLM X 8 ORM	6400-O-08-08	
800303024	2	FITTING 6 FLM X 8 ORM 90	6400-O-06-08	



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Parts Information

2005 #05-03

From: Kevin Covey-Product Support Manager
[Email: kevin.covey@et-inc.biz](mailto:kevin.covey@et-inc.biz)

Subject: Chemical Educator Valve

Part Affected: Hypro Chemical Educator

Date: October 20, 2005

This is an informational bulletin only.

Concern: The knife valve on the Hypro Chemical Educator could become non operational or will no longer completely close.

Solution: Replace the knife valve with a 2" banjo ball valve ETI part number 640100202. The Hypro Chemical Educator is used as the factory installed option for all 2005 and 2006 model year Apaches with a chemical educator. This 2" banjo valve is a direct replacement for the knife valve. When installing the banjo valve make sure to thread the valve all the way on both ends (see picture below).

Hypro Educator with new valve installed.



New valve



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Parts Information

2005 #05-04

From: Kevin Covey-Product Support Manager
[Email: kevin.covey@et-inc.biz](mailto:kevin.covey@et-inc.biz)

Subject: Apache Fenders

Models Affected: 2003-2006 Model Year Apaches

Date: November 10, 2005

This is an informational bulletin only.

There are fenders now available for Model year 2003 thru 2006 Apaches. The following are the kit numbers that would need to be ordered for the Apache.

When selecting fenders for an Apache, the rear fenders are based off crop clearance of the Apache and front fenders are based off front tire size. All kits include brackets, fenders, and hardware for mounting. One set of fenders will cover two tires. If you need fenders for all four tires then order one front set and one rear set.

NOTE: The rear fenders will NOT work on 2003-2005 Apaches with 34" crop clearance.

<u>Kit Number</u>	<u>Qty per Apache</u>	<u>Description</u>	<u>Model Year of Apache</u>
K65000613	1	Rear set	2003-2006 w/ 48" Crop Clearance w/ drop boxes
K65000612	1	Rear set	2003-2006 w/ 42" Crop Clearance w/ planetary hubs
K65000611	1	Rear set	2004-2006 500 series, AS500, AS510
K65000609	1	Front set	2003-2006 w/ 28" front tires (standard duty)
K65000610	1	Front set	2003-2006 w/ 38" front tires (heavy duty front)

Front and Rear Fenders





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Parts Information

2006 #06-05

From: Kevin Covey-Product Support Manager
[Email: kevin.covey@et-inc.biz](mailto:kevin.covey@et-inc.biz)

Subject: Boom Accumulators

Models Affected: All Apaches

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



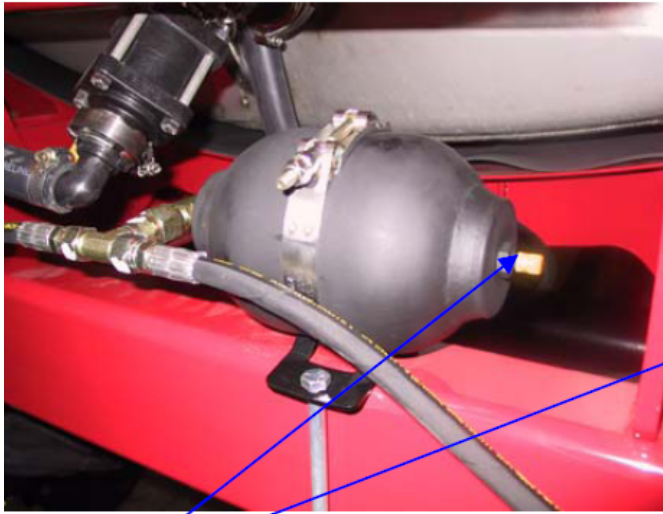
Boom wing accumulator
part# 600901300



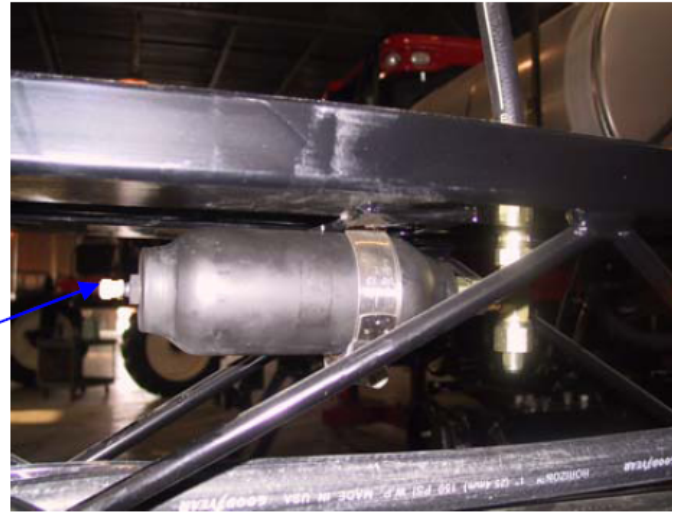
Appendix **Additional Information**

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



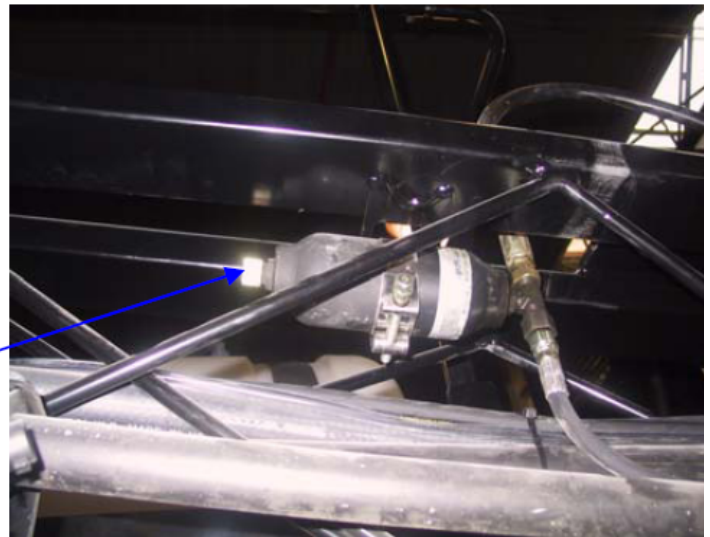
Note the yellow caps on these accumulators. This is indication of being version # 1 and that it has a standard Schrader valve. This version uses charging kit part # 550000000.

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 #06-11

From: Kevin Covey-Product Support Manager
[Email: kevin.covey@et-inc.biz](mailto:kevin.covey@et-inc.biz)

Subject: Cab Noise Reduction Kits

Models Affected: 2005 & 2006 Apaches

Date: December 13, 2006

This is an informational bulletin only.

This bulletin is to inform you of a new parts kit that is available for purchase and installations on 2005 and 2006 Apache Sprayers.

<u>Part Number</u>	<u>Description</u>	<u>Retail Cost</u>
K65000090	The cab noise reduction kit for all 2005 Apache's Estimated labor time to install 8 hours This kit includes a noise reducing mat for the windshield, noise reducing foam insulation and headliner mat, and a resistor to slow the cab pressurization fan down.	
K65000089	The cab noise reduction kit for all 2006 Apache's Estimated labor time to install 6 hours This kit includes a noise reducing mat for the windshield, foam for headliner, and a resistor to slow the cab pressurization fan down.	
K65000092	Exhaust relocation kit for 2006 AS1010 & AS1210; also 2005 AS1000 & AS1200 Apache's Estimated labor time to install 8 hours This kit contains all the parts required to move the exhaust from the right rear cab corner to the right front cab corner (just like the 2007's). There is welding required to install this kit.	

Additional Information

Part Number

Description

Retail Cost

K65000093

Air cleaner relocation kit for 2006 AS1010 & AS1210; also 2005 AS1000 & AS1200 Apache's
Estimated labor time to install 2 hours
This kit contains all parts required to move the air cleaner
From under the hood to just in front of the hydraulic tank
(just like the 2007's).

K65000094

Exhaust relocation kit for 2006 AS710 Apaches;
also 2005 AS500 Apache's.
Estimated labor time to install 8 hours
This kit contains all the parts required to move the exhaust
from the right rear cab corner to the right front cab
corner (just like the 2007's). There is welding required
to install this kit.

NOTE: The exhaust can not be relocated on the 2005 AS850's do to back pressure on the engine.